

METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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



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





# DAILY WEATHER REPORT

F O R

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

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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



ROBERT H. SCOTT  
(SECRETARY.)



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# WEATHER CHARTS

for 8 a.m. on Thursday, 1<sup>st</sup> SEPTEMBER.

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.

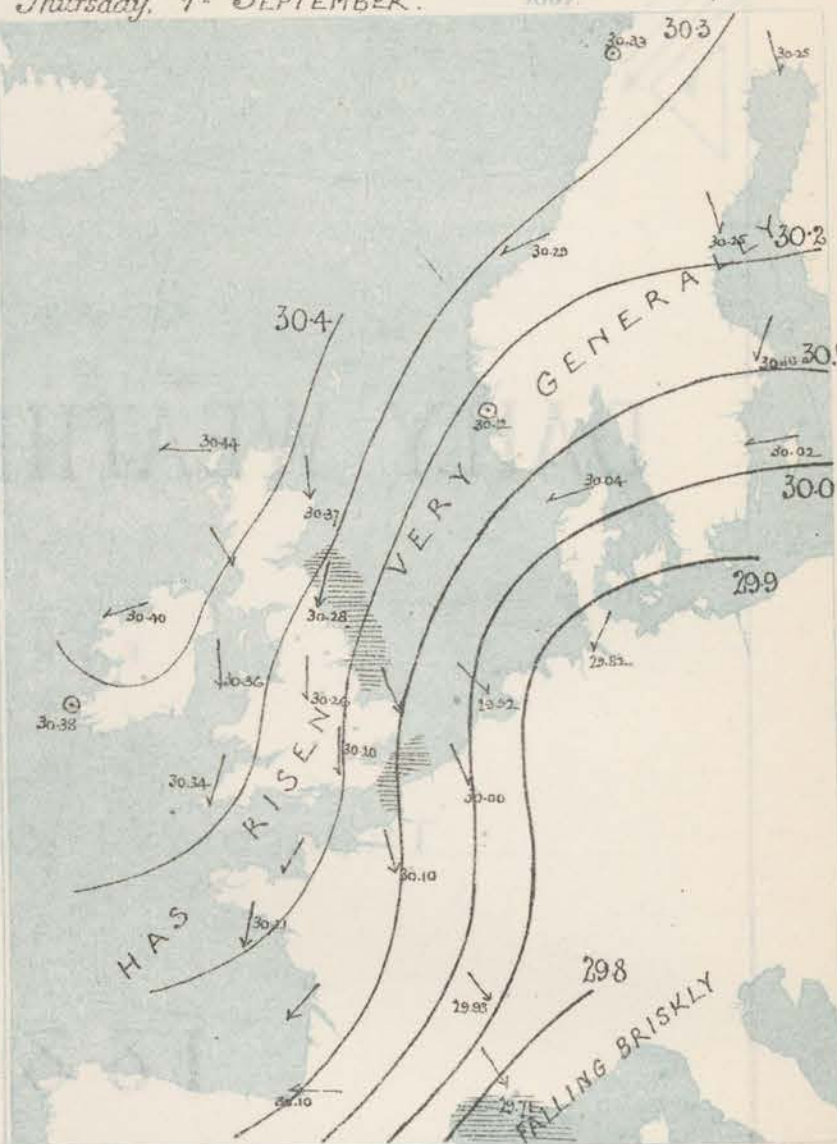
Sea Disturbance, where considerable is shown by shading round the coast, thus: Rough, High.

## MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations.	Mean Readings Inch.
Nairn	29.775
Aberdeen	29.764
Leith	29.814
Scarborough	29.870
Ardrossan	29.838
Greencastle	29.818
Holyhead	29.857
Valentia	29.872
Roche's Pt.	29.875
Plymouth	29.953
LONDON	29.987
Vermouth	29.918

\* 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.

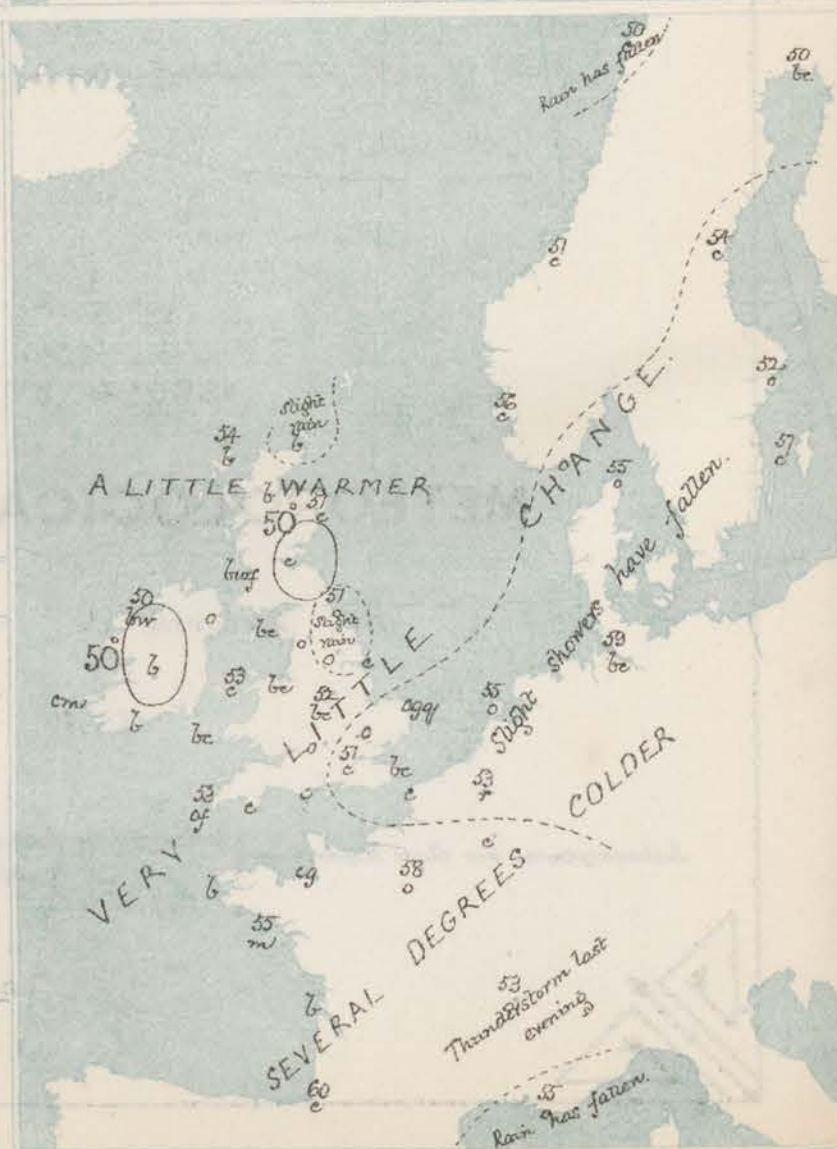
Falls of 0.5 in. or more are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of September

Stations	Temp.	Rain-fall.
Samburgh Head	52.3	2.14
Sarnoway	52.4	4.54
Aberdeen	51.6	3.58
Shields	55.8	2.81
York	56.6	3.12
Mullaghmore	55.2	0
Holyhead	57.0	3.54
Parsonstown	55.8	3.68
Valentia	56.4	5.10
Sally (St Mary's)	50.2	4.61
Hurst Castle	59.3	0
Dover	59.5	3.00
LONDON	59.2	2.71
Vermouth	58.7	3.07

\* 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 THURSDAY, 1<sup>ST</sup> SEPTEMBER 1881, at 8 a.m.

In the course of the past twenty four hours the barometer has risen over the whole of our Islands, and readings have become rather more uniform than they were yesterday.

Pressure remains highest (a little above 30.4 in.) on our north-west coasts and lowest to the south-eastward of the North Sea; so that the prevalent winds in our Islands are N<sup>W</sup> to NE<sup>W</sup>. They are light at all our western stations, moderate over England, but blow very freshly on our eastern coasts, along which some very shallow subsidiary disturbances have been passing during the past day. Temperature remains low everywhere, and the air is dry.

A few slight showers have fallen over our eastern and south-eastern districts, but the sky is now inclined to clear somewhat in London, and is already moderately clear at all the more western stations.

The sea is rough in the north-east, generally moderate or slight elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

2<sup>ND</sup> SEPTEMBER.

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

### DISTRICTS

### FORECASTS

0	SCOTLAND NORTH	NE <sup>W</sup> breezes, moderate; fine, cold.
1	SCOTLAND EAST	— — — — —
2	ENGLAND NE	N <sup>W</sup> to NE <sup>W</sup> breezes, fresh, strong at times, then more moderate; occasional showers, otherwise fair.
3	ENGLAND EAST	— — — — —
4	MIDLAND COUNTIES	N <sup>W</sup> winds, moderate; fine generally cold, especially at night. Slight showers at more eastern stations.
5	ENGLAND SOUTH	— — — — —

### DISTRICTS

### FORECASTS

6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND H.W.	Same as No. 0.
8	ENGLAND S.W.	NE <sup>W</sup> breezes, perhaps veering to E, moderate to fresh; fine, cold.
9	IRELAND NORTH	Varying light winds; fine, cold. Night very sharp.
10	IRELAND SOUTH	— — — — —
	WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

1<sup>ST</sup> SEPT<sup>R</sup>

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.		Weather.	Sea. (0 to 9).		SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 19).			Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).				Max.	Min.	
Haparanda	30.21	49	Z	0	b		30.15	+ .13	50	45	- 2	N	2	b	*		61	48	-
Hernösand	30.20	52	Z	0	o		30.15	+ .21	54	49	+ 3	N	4	c	*		61	41	-
Stockholm	30.09	52	NE	2	A		30.10	+ .08	52	51	- 2	NE	2	o	*		59	50	0.12
Wisby	30.01	54	E	2	b		30.02	+ .02	54	53	+ 2	ESE	4	c	*		61	52	0.04
Bodö	30.21	51	SW	2	o		30.33	+ .21	52	49	0	Z	0	c	0		52	46	0.04
Christiansund	30.23	51	N	2	b		30.24	+ .17	51	49	+ 3	ESE	1	c	2		54	41	-
†Skudesnaes	30.01	56	NNW	4	b		30.12	+ .16	56	50	+ 4	Z	0	c	3		62	?	-
Öxö (Xiansund)	29.96	51	NNE	6	o		30.12	+ .23	52	51	+ 1	NNE	6	o	4		54	50	0.12
Skagen (The Shaw)	29.91	56	ESE	5	o		30.04	+ .24	55	53	- 2	ESE	5	o	4		61	54	0.28
†Fanö	29.83	56	ESE	1	N		29.89	+ .16	58	57	0	NE	4	c	*		64	54	0.32
Cuxhaven	29.76	?	N	6	A		29.82	+ .07	59	58	+ 1	NE	3	b	*		61	52	0.30
†Samborgh Head																			
†Stornoway	30.40	52	NE	3	c		30.44	+ .10	54	51	+ 4	E	4	b	3		54	45	-
Wick	30.34	51	NNE	4	o		30.41	+ .10	51	48	+ 2	NNE	4	b	4		53	45	0.02
Nairn	30.39	51	NE	2	o		30.40	+ .08	51	48	+ 2	ESE	3	b	3		52	48	-
†Aberdeen	30.31	53	N	4	c		30.37	+ .12	51	47	+ 2	N	5	c	4		56	46	-
Leith	30.32	59	E	1	b		30.36	+ .10	48	46	- 2	NW	1	c	*		59	43	-
†Shields	30.26	52	NNE	8	c		30.28	+ .10	51	48	0	NNE	5	o	6		54	48	0.03
Spurn Head	30.17	53	N	6	b		30.17	+ .06	54	50	+ 3	NNE	6	c	6		56	50	0.04
York	30.20	53	N	3	o		30.25	+ .07	50	48	+ 1	NNW	3	c	*		58	47	0.01
Nottingham	30.26	54	NNE	3	o		30.26	+ .06	52	49	0	N	3	b	*		57	48	-
†Ardrossan	30.32	57	NNW	2	c		30.39	+ .09	52	48	+ 3	NW	1	b	1		60	43	-
†Mullaghmore	30.33	58	NW	1	b		30.40	+ .09	50	48	- 3	ESE	1	b	1		60	38	-
Donaghadee	30.35	54	NNE	1	b		30.40	+ .09	52	49	0	SSE	1	o	0		58	45	-
Parsonstown	30.34	57	N	1	b		30.41	+ .08	45	44	- 2	Z	0	b	*		61	44	-
Barrow-in-Furness	30.27	56	NNE	3	b		30.33	+ .13	48	45	- 2	NW	3	b	3		61	46	-
†Holyhead	30.32	55	N	4	b		30.36	+ .10	53	53	+ 1	N	3	c	3		55	51	-
Liverpool (Bidston)	30.29	53	NNE	2	c		30.32	+ .09	53	48	+ 2	NNW	2	b	2		57	48	-
†Valentia	30.32	58	WSW	1	b		30.38	+ .08	58	56	+ 2	Z	0	c	1		62	46	-
Roche's Point	30.35	58	SSE	2	b		30.38	+ .07	51	48	- 3	NNW	2	b	3		60	44	-
Pembroke	30.29	53	NNE	2	b		30.33	+ .10	54	50	- 4	NE	1	b	0		58	47	-
†Scilly																			
Prawle Point	30.25	53	N	2	b		30.30	+ .12	49	47	- 6	N	2	c	2		60	44	-
Hurst Castle	30.19	55	NE	4	b		30.23	+ .09	52	49	+ 2	NNE	3	c	3		59	49	-
†Dover	30.12	55	N	4	b		30.11	+ .07	55	52	- 1	N	3	b	2		58	51	0.01
†London	30.18	54	N	4	p		30.20	+ .07	51	48	- 1	N	4	c	*		57	49	0.03
Oxford	30.25	50	NW	2	b		30.23	+ .06	50	48	0	NNW	5	o	*		55	49	-
Cambridge	30.19	52	N	2	o		30.17	+ .05	51	49	+ 1	N	2	o	*		58	46	0.05
†Yarmouth	30.11	54	NNW	4	p		30.09	+ .04	54	51	+ 1	NNW	5	o	4		61	50	0.01
The Helder	29.97	57	NNW	4	o		29.92	+ .03	55	54	- 1	NW	2	c	3		59	55	-
Cape Gris Nez	30.10	56	N	7	o		30.08	+ .06	54	52	- 2	N	7	c	5		61	52	0.04
†Jersey	30.22	55	NNE	3	c		30.25	+ .11	55	50	0	NE	4	c	3		57	52	-
Brest	30.22	55	NE	4	o		30.26	+ .13	50	49	- 5	NE	3	b	3		64	46	-
Lorient	30.15	58	NE	5	c		30.21	+ .19	53	50	- 5	NNE	5	m	3		64	50	-
†Rochefort	30.04	66	NNE	7	b		30.14	+ .13	54	52	- 9	NE	8	b	2		73	48	-
Biarritz	30.05	66	NW	5	A		30.10	+ .08	60	58	- 7	E	4	c	3		82	54	0.12
Corunna	*	*	*	*	*				*	*		*	*	*	*		*	*	*
Brussels	*	*	*	*	*		30.00	+ .25	53	51	- 1	NW	3	N	*		62	50	0.04
Charleville	29.99	56	N	7	b		30.00	+ .10	54	49	- 4	E	4	c	*		63	46	-
Paris	30.05	60	N	5	o		30.10	+ .08	55	52	- 3	NNW	5	o	*		*	*	-
Lyons	29.94	60	SE	1	c		29.93	- .07	53	49	- 6	NW	7	o	*		64	51	0.08
Toulon	29.84	65	W	5	c		29.71	- .26	55	54	- 13	NW	5	o	5		75	55	0.24
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.04	48	NW	2	o		29.05	+ .08	47	44	+ 2	NW	2	o	*		50	43	-

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.	
Skudesnaes ...	29.92	62	56	NW	6	c	Valentia ...	30.33	60	54	W	2	c	2
Sumborgh Head							Scilly ...							
Stornoway ...	30.39	54	50	NE	4	e	Dover ..	30.10	57	51	N	5	b	3
Aberdeen ...	30.30	56	51	N	4	c	London ...	30.17	55	52	NNW	3	o	*
Shields ...	30.24	54	49	NNE	7	c	Yarmouth ...	30.09	57	52	NNW	4	c	5
Ardrossan ...	30.31	59	52	W	2	b	Jersey ...	30.21	57	52	NNE	4	c	3
Mullaghmore ...	30.34	59	53	NE	1	b	Rochefort ...	30.03	70	68	NNW	5	b	2
Holyhead ..	30.31	55	54	NNE	4	b	Ben Nevis (4406 Ft.) 30 - m. Anale <sup>12</sup>	29.71	32	31	NNE	2	b	32 29 0.04

Hardly any change has occurred since the morning except in the extreme W. of Ireland, where the wind is inclined to shift to the W. again, but with fine weather. The sea is rough all along our E. coast.

## EXPLANATION OF COLUMNS.

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

\* AN ASTERISK is inserted in all places for which information is not usually received.  
† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).  
§ Received too late for insertion in Charts.





# DAILY WEATHER REPORT

FOR

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

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 Friday 2<sup>nd</sup> SEPTEMBER. 1861.

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

— force above 10; — force 8 to 10;

— force 6 to 7; — force 4 to 5;

○ — dead calm.

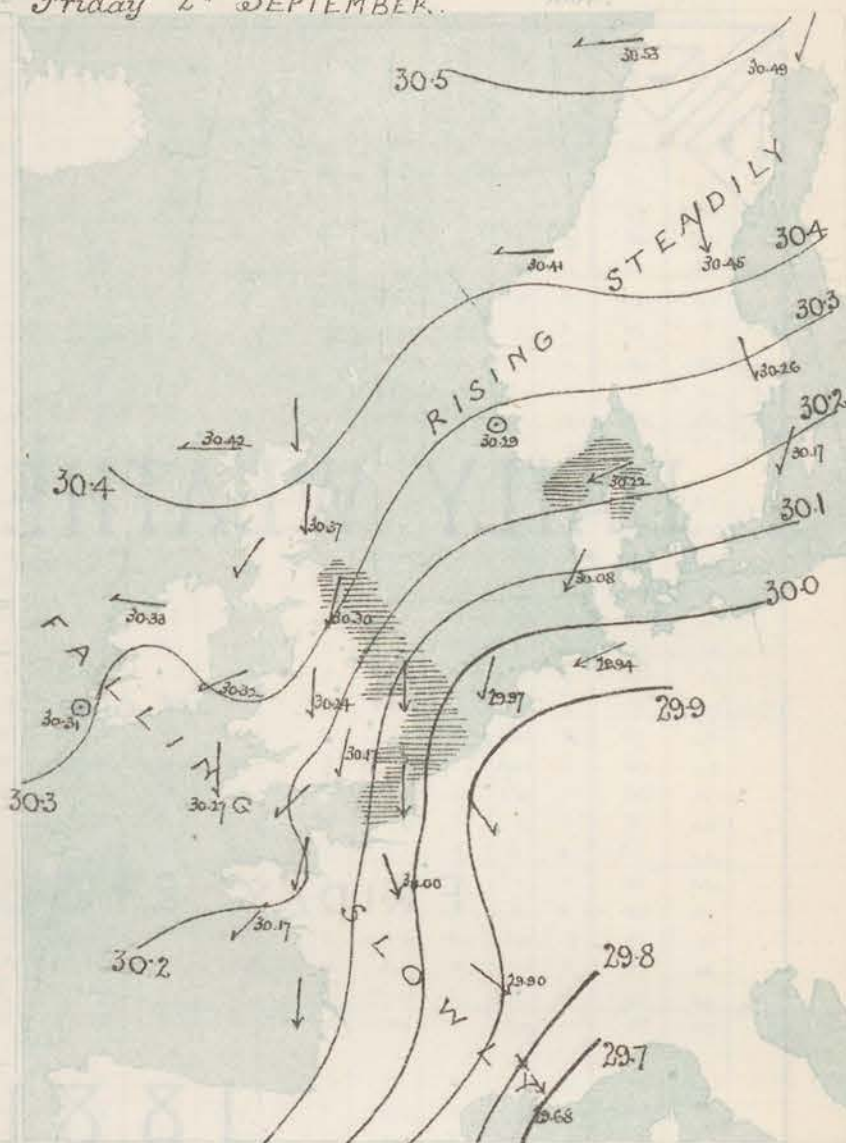
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

## MEAN HEIGHT of the BAROMETER

for the month of September

Stations.	Mean Readings in.
Nairn	29.770
Aberdeen	29.789
Leith	29.813
Sparborough	29.870
Ardracan	29.828
Greenacastle	29.818
Holyhead	29.857
Valencia	29.872
Bochu's Pt	29.875
Plymouth	29.933
LONDON	29.932
Warmouth	29.904

\* These means are for the 10 years 1852-61. 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.

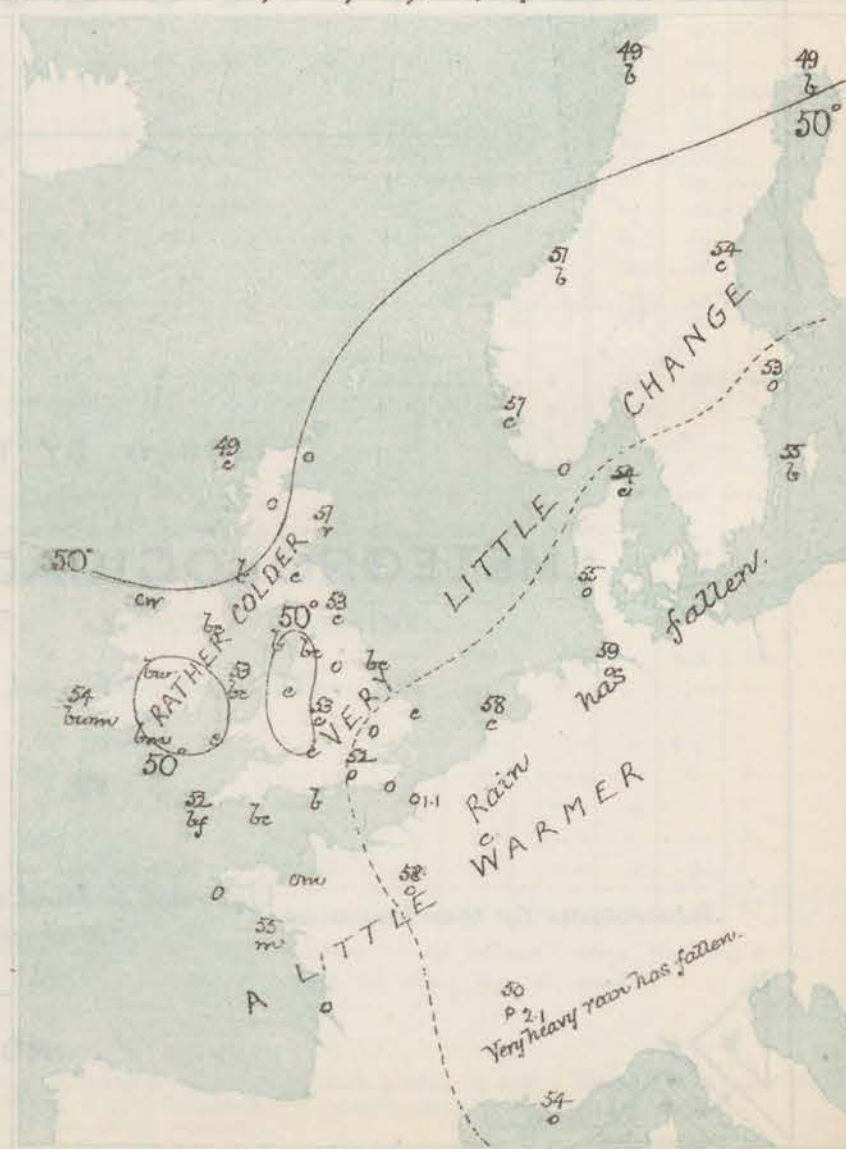
Falls of 0.5 in. or more are quoted in figures.

## MEANS OF TEMPERATURE AND RAINFALL

for the month of September

Stations	Temp	Rain-fall
Sunbury Head	52.3	2.14
Norwich	52.4	2.40
Aberdeen	54.5	2.53
Shutts	55.8	2.81
Kirk	56.6	3.12
Mullingmore	55.2	7
Holyhead	57.0	8.53
Purwestown	53.8	3.66
Valencia	56.9	5.19
Sally (St Mary's)	58.2	4.73
Hurst Gable	59.3	5
Dover	59.3	3.46
LONDON	59.2	3.71
Warmouth	58.7	3.92

\* The mean Temperatures are those for the 33 years 1857-89, the mean amounts of Rain are those for the 10 years 1852 to 1872.





# REMARKS

for FRIDAY, 2<sup>ND</sup> SEPT<sup>R</sup> 1861, at 8 a.m.

Barometrical pressure is increasing steadily over northern and decreasing over Southern Europe, while over the British Islands the changes are slight. Readings now vary from 30.5 ins. over the northern parts of Scandinavia and 30.4 ins. over the north of Scotland to about 29.9 ins. over Belgium and to 29.7 ins. at London. The gradients (which are rather steep in the South east) are favourable for the prevalence of NE<sup>ly</sup> winds over the British Isles and North Sea and for N<sup>ly</sup> to NW<sup>ly</sup> winds in France. Winds from these quarters are reported this morning and though light in force at our western stations blow very freshly over the North Sea and France. At London a fresh gale is blowing from NW. Temperature continues very low for the time of year and seems inclined to decrease still more in the north west. Very slight showers fell in our eastern and southeastern districts yesterday. The sky is again clear in the west and north west, cloudy in the east and south east, and the appearance in the last named districts is still somewhat rainy and unsettled. The sea is rough in the north east, rather so in the east and south east, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

3<sup>RD</sup> SEPTEMBER.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	N <sup>ly</sup> to NE <sup>ly</sup> breezes, light to moderate; fair on the whole.
2 SCOTLAND EAST	-----
3 ENGLAND N.E.	NE <sup>ly</sup> breezes, freshening; cloudy, some rain in the southern half of the district.
4 ENGLAND EAST	N <sup>ly</sup> to NE <sup>ly</sup> winds, increasing in strength; fair at first, then dull and squally, and perhaps rainy.
5 MIDLAND COUNTIES	N <sup>ly</sup> to NE <sup>ly</sup> breezes, moderate to fresh; fine to dull.
6 ENGLAND SOUTH	Similar to No 3 but finer in the western part of the district.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	NE <sup>ly</sup> breezes, moderate; fair.
7 ENGLAND N.W.	-----
8 ENGLAND S.W.	Variable air, followed by moderate N <sup>ly</sup> breezes; fine generally.
9 IRELAND NORTH	Wind becoming N <sup>ly</sup> or NE <sup>ly</sup> again, moderate, fine.
10 IRELAND SOUTH	-----
WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

2<sup>ND</sup> SEPT<sup>R</sup>

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea (0 to 9).	Weather.	SHADE TEMP.		
			Dir.	Force (0 to 12).	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).	Force (0 to 12).			Max.	Min.	Amount of Rainfall.
Haparanda	30.36	49	N	2	6	b	30.49	+ .24	49	43	- 1	NE	4	6	2	*	61	43	-
Hernösand	30.33	51	N	2	e	b	30.45	+ .20	54	49	0	N	6	6	2	*	61	50	-
Stockholm	30.21	51	N	2	b	b	30.26	+ .16	53	50	+ 1	N	4	6	2	*	63	50	0.08
Wisby	30.13	54	E	2	0	0	30.17	+ .15	55	51	- 2	ENE	4	6	2	*	61	52	0.04
Bodö	30.35	49	Z	0	6	b	30.53	+ .20	49	46	- 1	E	2	6	1	*	54	43	-
Christiansund	30.37	52	NE	5	b	b	30.41	+ .12	51	47	0	E	3	6	2	*	55	38	-
†Skudesnaes	30.22	58	WNW	2	b	b	30.29	+ .17	57	51	+ 1	Z	0	6	2	*	63	55	-
Öxö (Christiansund)	30.21	57	NNE	4	b	b	30.28	+ .16	54	51	+ 2	NNE	6	6	4	*	57	?	-
Skagen (The Skaw)	30.18	56	ENE	5	0	0	30.22	+ .18	54	53	- 1	ENE	5	6	5	*	59	52	0.08
Fanö	30.06	54	NE	6	0	0	30.08	+ .19	55	54	- 3	NE	6	6	0	*	59	52	0.24
Cuxhaven	29.91	?	ENE	2	2	2	29.94	+ .12	59	58	0	ENE	5	6	0	*	63	54	0.15
†Sumburgh Head																			
†Stornoway	30.43	53	ENE	4	0	0	30.42	- .02	49	46	- 5	E	2	6	1	*	55	44	-
Wick	30.43	50	NNE	5	0	0	30.42	+ .01	52	50	+ 1	N	2	6	3	*	56	48	-
Nairn	30.47	52	Z	0	6	b	30.41	+ .01	49	47	- 2	Z	0	6	1	*	56	48	-
†Aberdeen	30.38	52	N	4	0	0	30.37	- .00	51	49	0	N	3	6	3	*	56	46	0.01
Leith	30.38	52	SE	1	6	b	30.36	- .00	51	48	+ 3	ENE	1	6	3	*	58	47	-
†Shields	30.33	51	NNE	7	0	0	30.30	+ .02	53	50	+ 2	NNE	3	6	6	*	54	49	-
Spurn Head	30.21	54	N	6	0	0	30.20	+ .03	55	54	+ 1	NNE	5	6	5	*	55	45	0.02
York	30.30	51	N	3	0	0	30.28	+ .03	53	51	+ 3	NNE	3	6	0	*	56	44	-
Nottingham	30.30	52	NNE	3	0	0	30.24	- .02	53	51	+ 1	N	4	6	0	*	58	46	-
†Ardrossan	30.35	56	NW	2	6	b	30.39	- .00	50	45	- 2	NE	2	6	1	*	61	42	-
†Mullaghmore	30.36	60	NW	2	6	b	30.33	- .07	51	49	+ 1	E	4	6	3	*	62	49	-
Donaghadee	30.40	55	N	2	6	b	30.38	- .02	51	47	- 1	ENE	3	6	1	*	60	48	-
Parsonstown	30.36	62	NE	1	6	b	30.25	- .18	45	44	0	Z	0	6	0	*	64	40	-
Barrow-in-Furness	30.33	55	NE	3	6	b	30.33	- .00	48	45	0	N	2	6	2	*	60	44	-
†Holyhead	30.34	55	NNE	4	6	b	30.32	- .04	53	52	0	ENE	3	6	3	*	56	50	-
Liverpool (Bidston)	30.32	55	NNE	2	6	b	30.30	- .02	48	46	- 5	NNE	1	6	1	*	58	44	-
†Valentia	30.35	59	WSW	1	6	b	30.31	- .07	54	51	- 4	Z	0	6	1	*	63	43	-
Roche's Point	30.38	57	ESE	2	6	b	30.22	- .16	50	49	+ 1	NNW	2	6	3	*	61	46	-
Pembroke	30.30	55	N	4	6	b	30.29	- .04	50	47	- 4	NE	1	6	0	*	58	46	-
†Scilly																			
Prawle Point	30.27	55	NNE	3	6	b	30.24	- .06	52	49	+ 3	NNE	3	6	2	*	62	46	-
Hurst Castle	30.22	56	NE	3	6	b	30.19	- .04	52	49	0	NE	4	6	3	*	59	47	-
†Dover	30.06	55	N	5	0	0	30.07	- .04	54	53	- 1	N	4	6	2	*	58	53	0.28
†London	30.19	53	N	5	0	0	30.17	- .03	52	50	+ 1	NNE	3	6	0	*	56	49	-
Oxford	30.26	52	N	3	0	0	30.21	- .02	50	48	0	NNW	2	6	0	*	56	46	-
Cambridge	30.21	51	N	3	0	0	30.15	- .02	52	52	+ 1	N	1	6	0	*	56	48	0.02
†Yarmouth	30.11	56	N	6	0	0	30.08	- .01	57	55	+ 3	N	5	6	5	*	60	52	0.08
The Helder	30.01	57	NNE	3	0	0	29.97	+ .05	58	57	+ 3	NNE	2	6	2	*	61	55	0.08
Cape Gris Nez	30.03	56	N	8	0	0	30.04	- .04	57	55	+ 3	N	7	6	5	*	59	52	1.10
†Jersey	30.25	56	NNE	3	0	0	30.22	- .03	54	52	- 1	NNE	3	6	3	*	57	53	-
Brest	30.27	55	NE	4	6	b	30.22	- .04	54	53	+ 4	N	3	6	1	*	61	46	-
Lorient	30.20	57	NNE	7	6	b	30.17	- .04	55	52	+ 2	NE	4	6	2	*	63	50	-
†Rochefort	30.13	62	NNW	7	6	b	30.14	- .00	57	55	+ 3	N	7	6	2	*	68	48	-
Biarritz																			
Corunna																			
Brussels							29.97	- .03	57	56	+ 4	WNW	3	6	0	*	62	?	0.35
Charleville	29.96	56	N	4	6	b	29.89	- .11	58	53	+ 4	NW	4	6	0	*	66	48	-
Paris	30.06	56	N	7	6	b	30.00	- .10	58	56	+ 3	NNW	5	6	0	*	?	?	0.12
Lyons	29.92	55	N	3	0	0	29.90	- .03	50	49	- 3	NW	7	6	0	*	57	46	2.14
Toulon	29.67	57	NW	11	6	b	29.68	- .03	54	47	- 1	NW	8	6	0	*	?	?	?

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

Hawes Junction	29.04	48	NE	3	0	0	29.05	- .00	47	45	0	NNE	2	6	0	*	52	41	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudesnaes ...	30.19	63	58	Z	0	2	Valentia ...	30.38	59	54	NW	2	em	2
Sumburgh Head							Scilly ...							
Stornoway ...	30.44	55	52	NE	4	4	Dover ...	30.09	56	52	N	5	og	3
Aberdeen ...	30.38	55	49	N	5	4	London ...	30.17	55	52	NNW	5	0	*
Shields ...	30.32	53	49	NNE	8	7	Yarmouth ...	30.08	56	55	NNW	5	og	5
Ardrossan ...	30.37	59	53	NW	2	1	Jersey ...	30.26	55	49	NNE	4	0	3
Mullaghmore ...	30.38	60	54	NNW	1	0	Rochefort ...	30.14	65	36	NNE	7	0	2
Holyhead ...	30.36	56	?	NNE	4	3								
							Ben Nevis (4406 ft)	25.81	32	32	NE	2	6	Max 41 Min 31 Rain -

Ben Nevis (4406 ft) 25.81 38 32 NE 2 6 Max 41 Min 31 Rain -

A very slight fall of the barometer has taken place at our SE stations, but hardly any change has occurred elsewhere. The wind has nevertheless increased to a fresh gale from NNE at Shields, as it did on Tuesday and Wednesday, with a high sea.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (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, 3<sup>RD</sup> SEPTEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

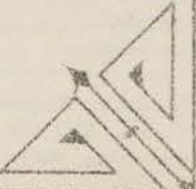
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ROBERT H. SCOTT

(SECRETARY.)



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



# WEATHER CHARTS

for 8 a.m. on SATURDAY 3<sup>RD</sup> SEPTEMBER. 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;

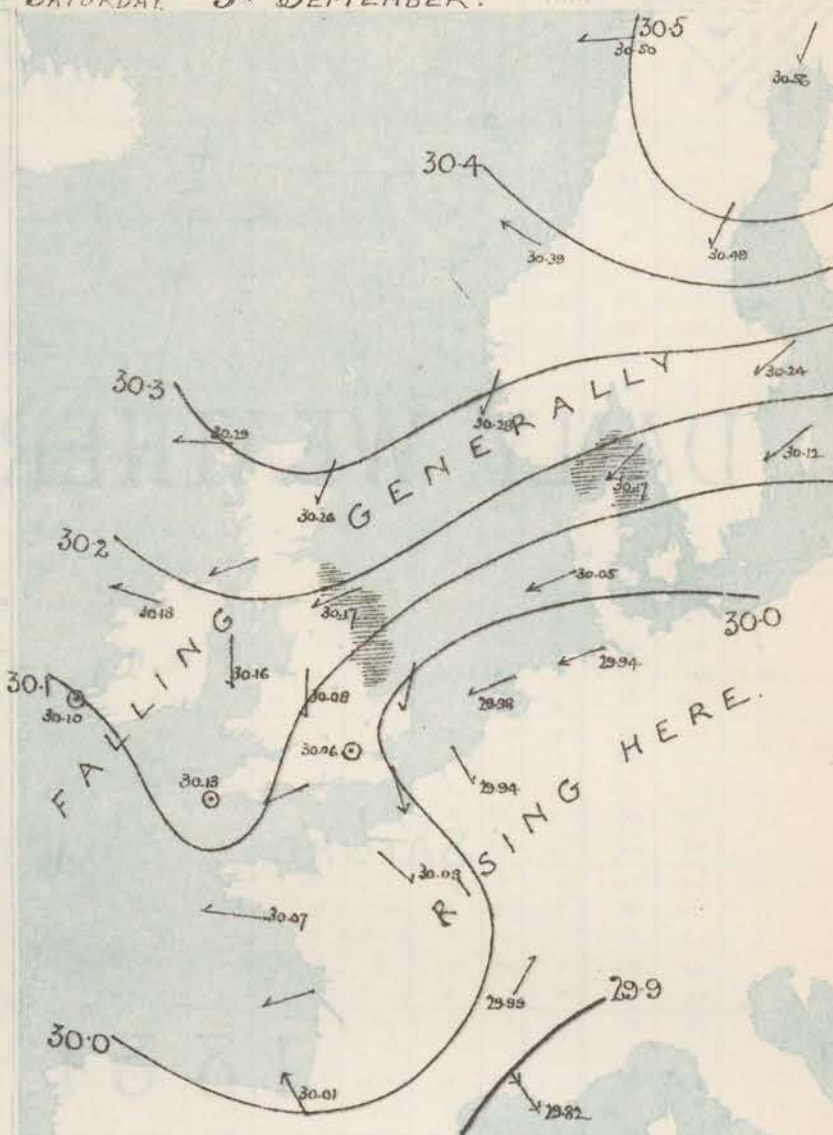
○ dead calm.

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

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

Stations	Mean Readings
Nairn	29.775
Aberdeen	29.734
Leith	29.812
Scarborough	29.870
Ardrossan	29.828
Greenock	29.818
Holyhead	29.827
Valentia	29.875
Roch's Pt.	29.875
Plymouth	29.935
LONDON	29.937
Vermouth	29.918

\* 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.

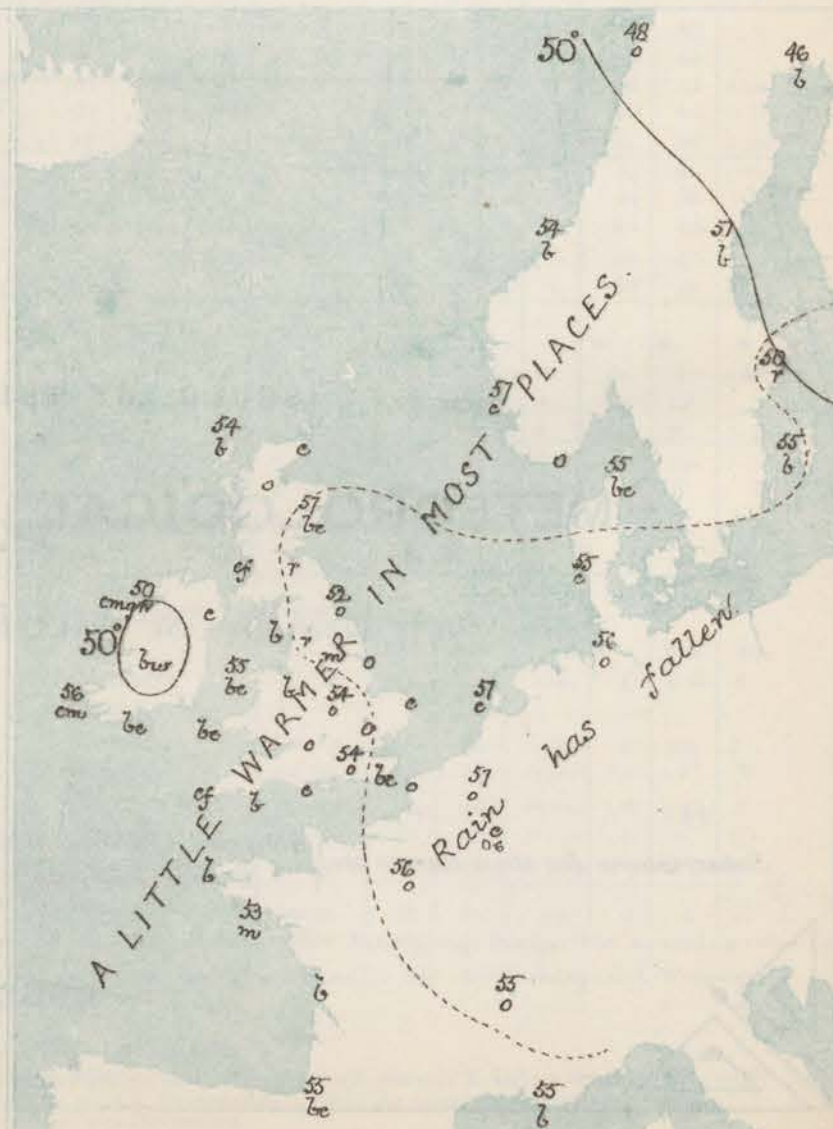
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp.	Rain-fall
Sumburgh Head	52.3	4.74
Stornoway	51.4	4.51
Aberdeen	54.3	3.50
Shetland	55.8	2.81
York	58.6	3.12
Mullaghmore	55.2	?
Holyhead	57.0	3.44
Parsonstown	55.3	3.66
Valentia	56.9	5.10
Sally (St. Mary's)	59.2	4.21
Hurst Castle	59.3	?
Dover	59.5	3.00
LONDON	59.2	2.71
Vermouth	58.7	0.07

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





# REMARKS

for SATURDAY. 3<sup>RD</sup> SEPTEMBER 1881. at 8 a.m.

Very little change has occurred during the past twenty four hours in the general condition of the weather over the United Kingdom. The winds have become rather more E<sup>ly</sup> at our more northern stations than they were yesterday, but continues N<sup>ly</sup> to NW<sup>ly</sup> in the south-east.

Cold dull weather still prevails over our north eastern and eastern districts, with occasionally a very slight shower of rain, while in the west the weather remains on the whole bright and fine.

Temperature shows a slight increase on that reported yesterday but is still low generally, the readings ranging from 50° to 57° all over the Kingdom. Over Central Ireland the night appears to have been very sharp, the minimum temperature at Parsonstown having been as low as 37°. The sea is going down in the east, but is still rather rough at Shields and Spurn Head.

The high pressure area in the far north appears to be moving slowly in an E<sup>ly</sup> direction; and, as the barometer is now falling all over our Islands it seems probable that a gradual change of wind through E to SE or S will take place generally.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

4<sup>TH</sup> SEPTEMBER.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	NE <sup>ly</sup> breezes, light to moderate; fair.
2 SCOTLAND EAST	— 57° — 57° — 57° —
3 ENGLAND N.E.	NE <sup>ly</sup> to E <sup>ly</sup> breezes, moderate; dull and damp at first, probably finer tomorrow.
4 ENGLAND E.	N <sup>ly</sup> to NW <sup>ly</sup> breezes, light; dull, rain at times.
5 MIDLAND COUNTIES	N <sup>ly</sup> breezes, moderate; cloudy, but fair on the whole.
6 ENGLAND SOUTH	Similar to no. 3, but fine in the western parts of the District.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Light variable breezes; fair weather.
7 ENGLAND N.W.	— 57° — 57° — 57° —
8 ENGLAND S.W.	E <sup>ly</sup> (NE to SE) breezes, light; fine, foggy locally.
9 IRELAND NORTH	E <sup>ly</sup> to SE <sup>ly</sup> breezes, moderate; fine, warmer.
10 IRELAND SOUTH	— 57° — 57° — 57° —
WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR 3<sup>RD</sup> SEPT<sup>R</sup> 1881.

+ YESTERDAY EVENING.						8 A.M. TO DAY.						PAST 24 HOURS.					
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.	Force.	Weather.	Sea.	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force.		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.		Dir.	Force.			Max.	Min.	
Haparanda ...	30.56	45	Z	0	b	30.56	+0.07	46	40	-3	NE	2	b	*	50	43	-
Hernösand ...	30.51	52	NNE	4	b	30.49	+0.04	51	47	-3	NE	4	b	*	63	46	-
Stockholm ...	30.26	50	NE	2	n	30.24	-0.02	50	50	-3	ENE	4	n	*	55	50	0.08
Wisby ...	30.18	53	ENE	6	b	30.12	-0.05	53	52	-0	ENE	4	b	*	54	52	-
Bodö ...	30.54	48	NNE	2	c	30.50	-0.03	48	46	-1	E	2	c	1	54	48	-
Christiansund ...	30.43	58	ESE	3	b	30.39	-0.02	54	47	+3	ESE	5	b	3	63	42	-
†Skudesnaes ...	30.32	59	NNE	2	c	30.28	-0.01	57	50	0	NNE	4	c	2	66	?	-
Oxö (Xtiansund) ...	30.24	59	WSW	4	c	30.22	-0.06	55	50	+1	NNE	6	c	4	59	54	-
Skagen (The Skaw) ...	30.24	56	NE	5	c	30.17	-0.05	55	52	+1	NE	6	bc	6	59	53	-
Fanö ...	30.07	56	ENE	6	c	30.05	-0.03	55	52	0	ENE	7	c	*	59	48	0.20
Cuxhaven ...	29.91	?	ENE	7	0	29.94	-0.00	56	55	-3	ENE	5	0	*	61	54	0.01
†Sumburgh Head ...	30.36	52	ENE	4	0	30.29	-0.13	54	51	+5	E	4	b	3	54	40	-
†Stornoway ...	30.37	53	NNE	2	0	30.32	-0.10	52	50	0	NNE	2	c	2	67	48	-
Wick ...	30.38	52	Z	0	0	30.30	-0.11	51	49	+2	Z	0	0	1	54	44	-
Nairn ...	30.34	54	NNE	3	b	30.26	-0.11	57	53	+6	NNE	3	bc	3	58	49	0.02
†Aberdeen ...	30.33	53	ESE	1	c	30.28	-0.13	58	52	+2	ENE	3	n	*	58	50	0.07
†Shields ...	30.27	53	NNE	5	0	30.17	-0.13	52	51	-1	ENE	4	0	5	55	49	0.28
Spurn Head ...	30.18	55	N	5	0	30.06	-0.14	55	54	0	ENE	4	0	5	59	53	0.05
York ...	30.24	55	N	3	0	30.11	-0.17	52	52	-1	NNE	1	m	*	61	50	0.20
Nottingham ...	30.19	56	N	3	c	30.08	-0.12	54	52	+1	N	3	0	*	62	49	-
†Ardrossan ...	30.30	55	ENE	3	of	30.22	-0.17	53	50	+3	ENE	3	cf	2	57	49	-
†Mullaghmore ...	30.25	58	E	4	omy	30.18	-0.15	50	49	-1	ESE	3	mgw	2	62	49	-
Donaghadee ...	30.29	55	NNE	2	c	30.20	-0.18	55	53	+4	ESE	2	c	0	58	51	-
Parsonstown ...	30.25	56	ENE	1	bc	30.15	-0.08	44	43	-1	Z	0	bc	*	60	37	-
Barrow-in-Furness ...	30.27	56	NE	3	bc	30.15	-0.18	52	49	+4	N	2	b	2	62	47	-
†Holyhead ...	30.25	55	NNE	3	b	30.16	-0.16	53	52	+2	N	3	bc	3	55	51	-
Liverpool (Bidston) ...	30.26	55	N	1	c	30.13	-0.17	55	51	+4	NNE	1	b	1	58	47	-
†Valentia ...	30.21	57	SW	1	c	30.10	-0.21	56	51	+2	Z	0	cm	3	62	49	-
Roche's Point ...	30.25	51	SSW	3	c	30.12	-0.10	56	53	+6	E	3	bc	3	60	45	-
Pembroke ...	30.20	54	NE	2	b	30.12	-0.17	54	51	+4	ENE	2	bc	1	59	48	-
†Scilly ...	30.18	56	NW	2	b	30.11	-0.13	56	53	+4	NNE	3	b	1	64	47	-
Prawle Point ...	30.13	56	NE	4	bc	30.09	-0.10	53	51	+1	NE	3	c	2	64	48	-
Hurst Castle ...	30.03	58	NNE	4	cp	30.00	-0.07	57	55	+3	N	3	bc	2	60	54	0.10
†Dover ...	30.13	57	NNE	4	o.g.	30.06	-0.11	54	52	+2	NW	1	0	*	60	52	-
†London ...	30.16	54	NNE	2	c	30.08	-0.13	53	51	+3	NNE	1	0	*	59	49	-
Oxford ...	30.13	54	N	2	0	30.02	-0.13	53	53	+1	N	1	0	*	60	51	0.03
Cambridge ...	30.08	57	N	4	cg	29.99	-0.09	57	56	0	NNE	3	c	4	59	55	0.07
†Yarmouth ...	29.98	59	NE	3	0	29.98	+0.01	57	55	-1	ENE	2	c	2	61	57	0.04
The Helder ...	30.02	53	N	8	c	30.01	-0.03	57	55	0	NNW	5	0	4	61	?	0.28
Cape Gris Nez ...	30.19	57	N	3	b	30.12	-0.10	57	55	+3	NE	2	gom	2	60	53	-
†Jersey ...	30.14	59	NE	3	b	30.09	-0.13	52	52	-2	E	3	bc	3	61	46	-
Brest ...	30.12	62	NE	4	b	30.07	-0.10	53	51	-2	E	3	m	2	66	?	-
Lorient ...	30.09	65	NW	5	bc	30.06	-0.08	54	51	-3	ENE	4	b	2	68	48	-
†Rochefort ...	30.12	63	N	4	b	30.01	-0.10	55	52	+1	SE	5	bc	2	66	50	-
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Corunna ...	*	*	*	*	*	29.94	-0.03	57	56	0	NNW	1	0	*	62	57	0.28
Brussels ...	*	*	*	*	*	29.91	+0.02	58	54	0	W	4	c	*	63	50	0.59
Charleville ...	29.87	56	W	7	0	30.08	+0.08	56	54	-2	NW	4	0	*	*	*	0.28
Paris ...	29.97	59	N	5	N	30.08	+0.08	56	54	-2	NW	4	0	*	*	*	0.28
Lyons ...	29.95	53	NW	4	N	29.99	+0.09	55	52	+5	SW	3	0	*	64	?	0.04
Toulon ...	29.95	60	NW	11	b	29.82	+0.14	55	50	+1	NW	9	b	4	66	54	-

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

Hawes Junction	29.02	50	NE	2	c	28.89	-0.16	47	47	0	NE	2	N	*	55	45	0.01
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes ...	30.31	66	53	ENE	2	bc	2	Valentia ...	30.27	61	55	WSW	1	cm	2
Sumburgh Head								Scilly ...							
Stornoway ...	30.38	53	50	ENE	3	c	2	Dover ..	29.96	60	56	NNE	4	c	3
Aberdeen ...	30.35	55	51	NNE	3	b	3	London ...	30.12	59	55	NNE	3	0	*
Shields ...	30.28	55	53	NNE	5	0	6	Yarmouth ...	30.07	58	56	NNW	5	o.dg	5
Ardrossan ...	30.32	57	52	ENE	3	c	2	Jersey ...	30.20	58	54	NNE	3	bc	3
Mullaghmore ...	30.29	61	52	N	2	cm	0	Rochefort ...	30.12	64	59	N	5	0	2
Holyhead ...	30.30	55	55	N	3	bc	3	Ben Nevis (4000 ft.)	25.76	31	30	SE	4	0	Max. Min. Rain

The barometer is now falling slowly in all parts of our Islands, but the winds have scarcely changed excepting on our NW coasts, where they have shifted from E. to N. The weather continues dull in the SE. of England, but is fair in the W. and N. of the Kingdom.

## 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

SUNDAY, 4<sup>th</sup> SEPTEMBER

1881.

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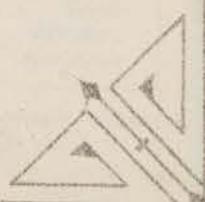
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ROBERT H. SCOTT  
(SECRETARY.)



*Printed by D. Longman & Co. 12 Bedford St. London.*



# WEATHER CHARTS

for 8 a.m. on Sunday 4<sup>th</sup> SEPTEMBER 1887.

## BAROMETER, WIND & SEA

### Explanation of Map.

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

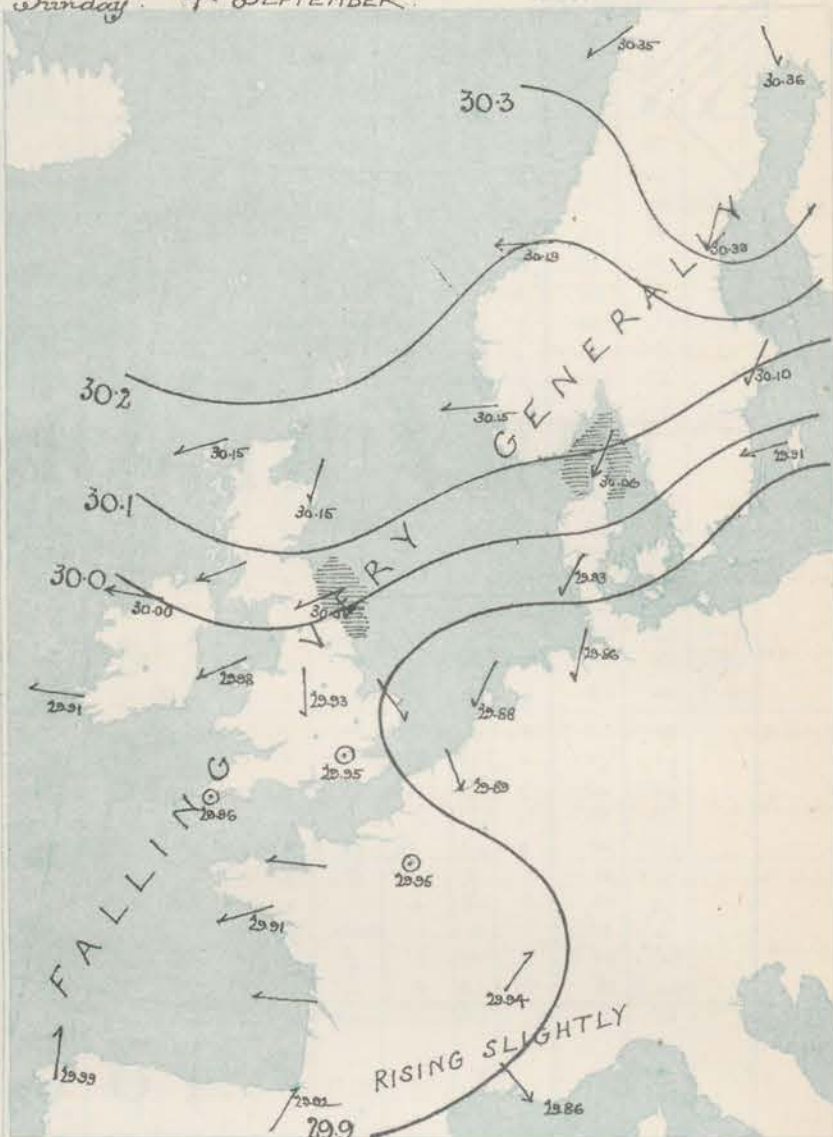
Wind arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
→ forces above 10; → forces 8 to 10;  
→ forces 5 to 7; → forces 1 to 4;  
○ = dead calm.

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

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

Stations	Mean Readings
Nairn	29.776
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrossan	29.826
Greenock	29.818
Holyhead	29.857
Valentia	29.872
Rock's Pt.	29.875
Plymouth	29.935
LONDON	29.937
Yarmouth	29.918

\* 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.

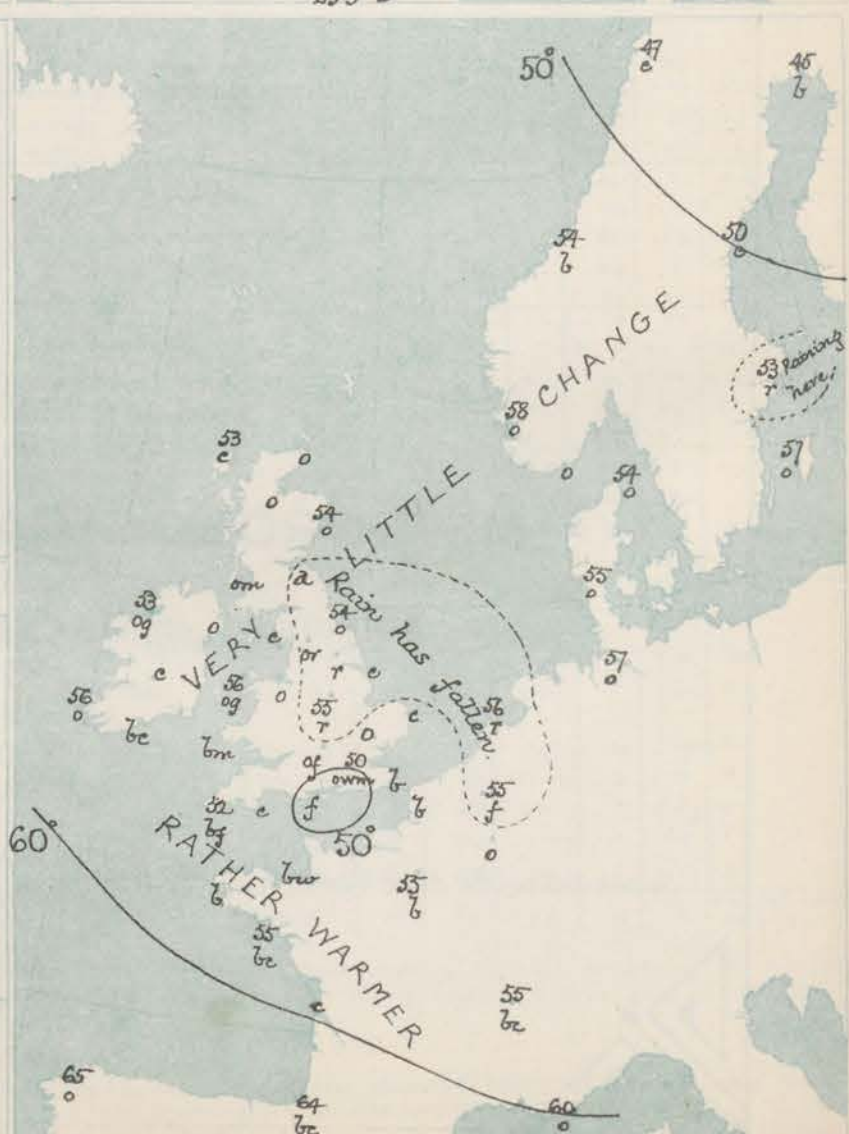
Weather: Letters of the Beaufort Scale show state of Weather at 8 a.m.

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 September

Stations	Temp.	Rain-fall
Southburgh Head	52.3	2.19
Seacombe	52.4	4.54
Aberdeen	54.5	3.58
Shetland	55.8	2.81
York	58.6	3.12
Millaghmore	55.2	?
Holyhead	57.0	3.54
Barnstaple	55.8	3.68
Valentia	56.9	5.19
Sally (St. Mary's)	59.2	4.63
Hurst Castle	60.3	?
Dever	59.5	3.00
LONDON	59.2	2.71
Yarmouth	58.7	3.07

\* 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, 4<sup>TH</sup> SEPT<sup>R</sup> 1881, at 8 a.m.

In the course of the past twenty four hours the barometer has fallen slowly but steadily in all parts of Western Europe. The change has, however, been so uniform that the distribution of pressure remains almost identical with that of yesterday, the barometer being still relatively high off our northern coasts, with regions of low pressure both to the South eastward and South westward of us. NE<sup>ly</sup> breezes of light or moderate strength continue to blow in almost all districts, but in the South east of England there is a light NW<sup>ly</sup> wind, while in the south of France the breezes vary between SW and NW. Temperature has risen a few degrees in the west of France, and fallen a little in the South of England but elsewhere the changes have been slight and very irregular. Readings are very uniform over the whole of Western Europe; they vary in our Islands from 56° at Valentia to 50° in London and at Wick. The highest maximum reading reported yesterday was 65° at Cambridge. The weather is very fine in the north of France and on our SW coasts but cloudy or dull in all other parts, with rain over Central and Northern England. The sea is rough at the Scaw and rather so at the mouth of the Tyne, moderate or 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

— NONE ISSUED —

WARNINGS



# METEOROLOGICAL OBSERVATIONS FOR

4<sup>th</sup> SEPT.

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	30.41	46	W	2	b	30.36	- .20	45	40	- 1	M	2	6	2	57	39	-		
Hernösand	30.43	50	NNE	2	e	30.39	- .10	50	47	- 1	NNE	2	e	2	59	43	-		
Stockholm	30.21	51	ENE	4	o	30.10	- .14	53	51	+ 3	NE	4	N	2	55	50	0.08		
Wisby	30.14	57	ENE	6	N	29.91	- .21	57	55	+ 2	E	6	o	2	64	52	-		
Bodö	30.44	49	NE	2	e	30.35	- .15	47	45	- 1	ENE	1	e	0	50	45	-		
Christiansund	30.27	57	E	4	b	30.19	- .20	54	48	0	E	3	b	2	61	43	-		
† Skudesnæs	30.19	58	SSW	2	o	30.15	- .13	58	52	+ 1	E	1	o	2	66	57	-		
Oxö (Christiansund)	30.19	56	NNE	6	o	30.13	- .09	53	50	- 2	NNE	4	o	4	?	46	-		
Skagen (The Skaw)	30.14	55	NE	4	o	30.06	- .11	54	41	- 1	NE	7	o	6	59	52	-		
Fanö	30.03	54	NE	4	b	29.93	- .12	53	54	0	NE	4	o	2	61	50	-		
Cuxhaven	29.96	?	NE	3	bc	29.86	- .08	57	56	+ 1	NE	5	o	2	59	54	-		
† Sumburgh Head																			
† Stornoway	30.22	53	ENE	4	b	30.15	- .14	53	61	- 1	ENE	3	e	3	57	46	-		
Wick	30.25	56	NE	3	e	30.18	- .14	50	49	- 2	E	1	o	1	59	48	-		
Nairn	30.22	53	ENE	2	bc	30.17	- .13	51	49	0	ENE	2	o	1	56	50	-		
† Aberdeen	30.21	63	NNE	3	e	30.15	- .11	54	52	- 3	NNE	3	o	3	59	49	-		
Leith	30.16	54	ENE	1	o	30.08	- .15	53	52	0	E	2	b	2	59	51	0.02		
† Shields	30.08	53	ENE	4	o	30.01	- .16	54	54	+ 2	ENE	2	o	5	54	51	0.10		
Spurn Head	29.99	54	NE	4	o	29.94	- .12	54	54	- 1	NNE	1	e	4	56	54	0.06		
York	30.05	54	NE	1	o	29.96	- .15	56	55	+ 4	E	1	N	2	58	51	0.21		
Nottingham	30.03	56	N	3	b	29.93	- .15	55	54	+ 1	N	3	N	2	61	49	0.02		
† Ardrossan	30.14	56	ENE	4	cm	30.05	- .17	54	52	+ 1	ENE	5	cm	3	61	50	-		
† Mullaghmore	30.08	58	E	4	o	30.00	- .18	53	52	+ 3	E	5	og	3	60	50	-		
Donaghadee	30.12	56	SE	2	e	30.03	- .17	54	52	- 1	E	2	o	0	60	53	-		
Parsonstown	30.08	58	E	1	b	29.98	- .17	51	51	+ 7	E	1	e	2	63	53	-		
Barrow-in-Furness	30.09	57	NNE	3	bc	29.99	- .16	55	53	+ 3	NNE	3	e	2	62	50	-		
† Holyhead	30.01	57	NE	2	og	29.98	- .18	56	55	+ 1	ENE	2	og	1	59	53	-		
Liverpool (Bidston)	30.05	56	NNE	1	b	29.97	- .16	54	52	- 1	NNE	1	o	1	59	52	-		
† Valentia	30.02	59	SE	3	o	29.91	- .19	56	52	0	E	3	o	4	62	49	-		
Roche's Point	30.06	58	SE	3	bc	29.97	- .15	54	52	- 2	SE	2	e	3	63	46	-		
Pembroke	30.04	58	NE	1	b	29.95	- .17	52	50	- 2	ENE	1	bc	0	61	48	-		
† Scilly																			
Prawle Point	30.03	56	WSW	1	e	29.96	- .15	55	53	- 1	N	1	e	1	63	48	-		
Hurst Castle	30.05	59	W	3	e	29.95	- .14	48	48	- 5	NE	2	f	2	62	47	-		
† Dover	29.96	59	W	1	bc	29.90	- .10	57	54	0	N	2	b	1	62	53	-		
† London	29.99	59	NW	2	e	29.95	- .11	56	50	- 4	WSW	1	cm	2	62	45	-		
Oxford	30.00	55	N	1	e	29.94	- .14	53	51	0	NW	1	og	2	62	46	-		
Cambridge	30.00	56	N	1	e	29.92	- .10	53	54	+ 2	NW	1	o	2	65	51	-		
† Yarmouth	29.96	58	Z	0	bc	29.88	- .11	58	56	+ 1	NNW	1	e	3	61	53	-		
The Helder	29.96	57	ENE	1	N	29.88	- .10	56	45	- 1	ENE	1	N	1	?	55	0.04		
Cape Gris Nez	29.97	59	W	3	e	29.92	- .09	55	50	- 4	NNW	4	b	3	63	54	-		
† Jersey	30.05	67	NNE	1	cg	29.97	- .15	59	53	+ 2	E	1	bc	1	61	50	-		
Brest	30.02	69	NNE	1	o	29.95	- .14	52	50	0	NE	3	b	2	64	50	-		
Lorient	29.99	60	WNW	1	o	29.91	- .16	55	53	+ 2	ENE	3	bc	1	64	50	-		
† Rochefort	29.95	68	NNW	3	o	29.91	- .15	59	56	+ 5	E	4	e	2	73	50	-		
Biarritz	29.89	70	E	4	o	29.92	- .09	64	60	+ 9	SW	3	e	2	75	?	-		
Corunna	*	*	*	*	*	29.99	+ .05	65	*	- 1	S	1	o	2	*	*	*		
Brussels	*	*	*	*	*	29.89	- .05	55	54	- 2	NNW	3	f	2	62	54	0.04		
Charleville	29.94	61	SW	1	o	29.89	- .02	55	54	- 3	NNE	1	o	2	70	52	-		
Paris	30.01	59	NNW	4	e	29.95	- .13	55	51	- 1	Z	0	b	2	*	*	-		
Lyons	29.60	61	N	1	o	29.94	- .05	55	54	0	SW	1	bc	2	64	52	-		
Toulon	29.86	64	NW	8	bc	29.86	+ .04	60	55	+ 5	NW	7	o	3	70	54	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.73	49	NE	3	e	28.74	- .15	52	51	+ 5	ENE	3	N	2	52	47	0.03		

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

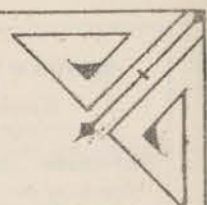

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnæs	30.22	66	53	ENE	2	b	Valentia	30.05	59	54	SE	3	om
Sumburgh Head							Scilly						
Stornoway	30.21	57	55	E	3	b	Dover	29.97	61	57	WNW	3	bc
Aberdeen	30.24	59	54	NNE	3	bc	London	30.00	60	56	NW	2	e
Shields	30.11	53	52	ENE	5	o	Yarmouth	29.96	61	59	ENE	2	bc
Ardrossan	30.17	59	54	ENE	3	e	Jersey	30.08	60	56	NE	1	e
Mullaghmore	30.13	59	55	ENE	1	o	Rochefort	30.06	69	61	NW	3	bc
Holyhead	30.10	58	54	N	3	bc							

Pressure continues to decrease slowly. The wind has fallen very light except on our NE. coasts; and on extreme SE coasts it is backing round to the NW with much finer and milder weather than has been experienced lately. The sea is still rough in the NE.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Bausfort 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.  
 ‡ at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 § Those Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

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

1881.

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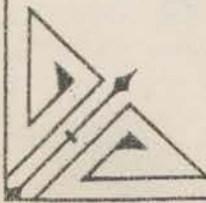
ISSUED BY THE

METEOROLOGICAL OFFICE

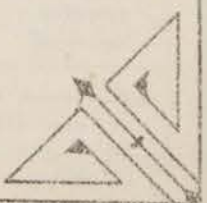
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S. W.

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ROBERT H. SCOTT  
(SECRETARY.)



*Printed by D. J. D. L. 22, Bedford St. London.*



# WEATHER CHARTS

for 8 a.m. on Monday 5<sup>th</sup> SEPTEMBER 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.

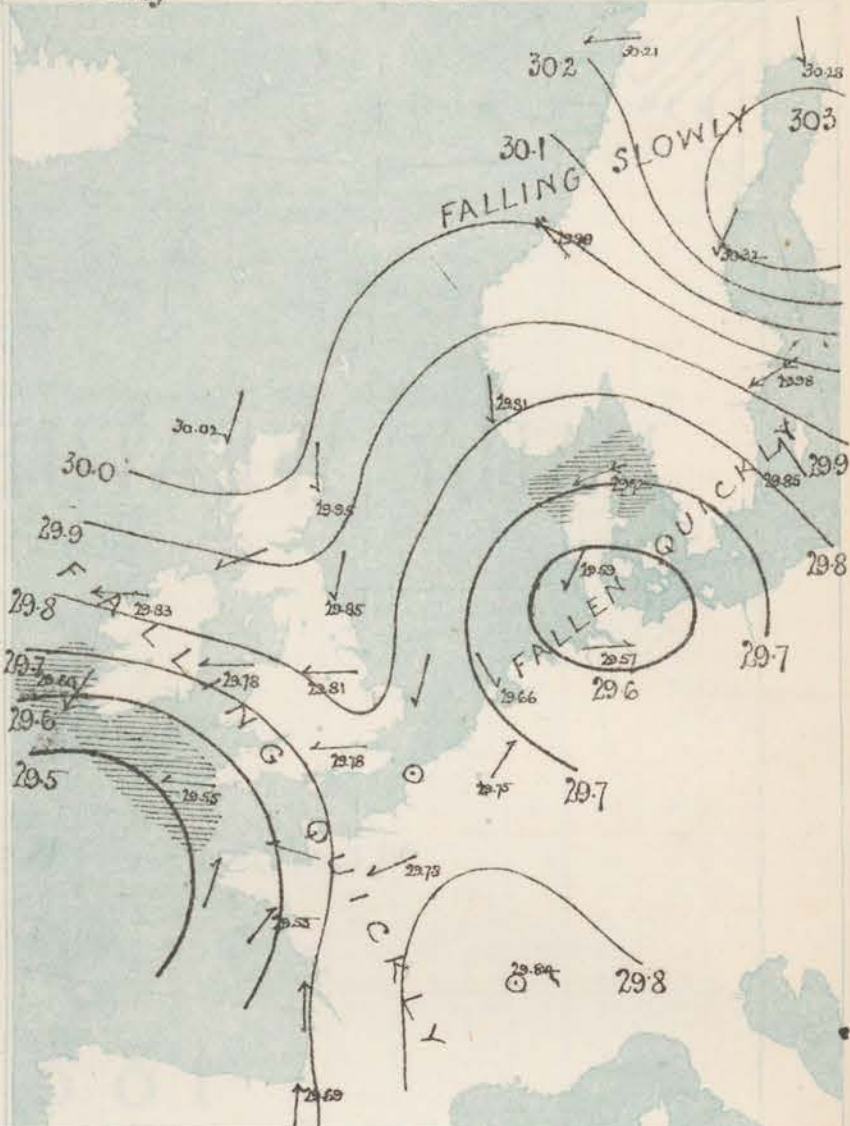
Thus = Rough; = High

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

for the month of September

Stations.	Mean Readings.
Nairn	29.775
Aberdeen	29.784
Leith	29.819
Scarborough	29.870
Ardrossan	29.820
Greenock	29.818
Holyhead	29.857
Valentia	29.872
Roches Pt.	29.875
Plymouth	29.935
LONDON	29.907
Vermouth	29.918

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



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map

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

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

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

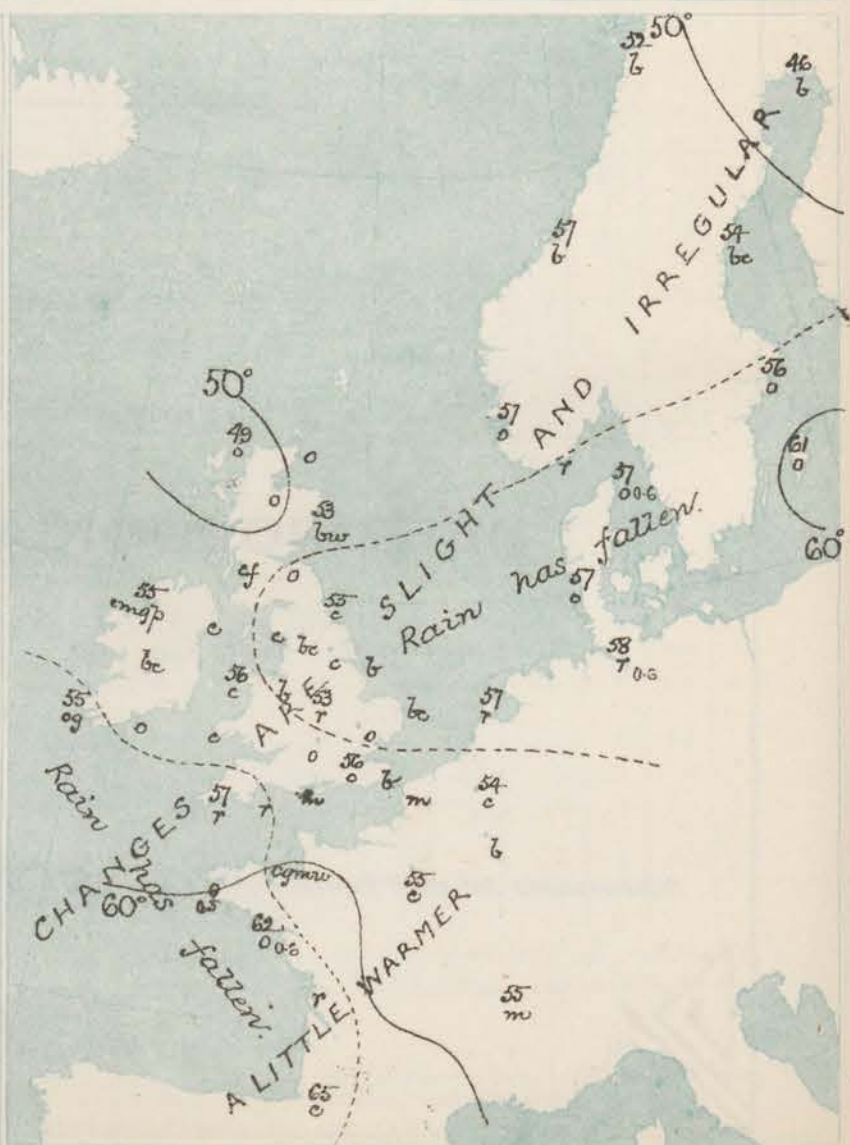
Falls of 0.5 in. or more, are quoted in figures.

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

for the month of September.

Stations	Temp.	Rain-fall
Samburgh Head	52.3	2.14
Sarnoway	52.4	3.54
Aberdeen	54.3	3.58
Shields	55.8	2.81
York	56.6	3.19
Mullaghmore	55.2	?
Holyhead	57.0	3.54
Papacostown	55.8	3.68
Valentia	56.4	5.19
Sally (St Mary's)	59.2	4.61
Hurst Castle	62.3	?
Dover	59.5	3.00
LONDON	59.2	2.71
Vermouth	58.7	3.07

\* The mean Temperatures are those for the 12 years 1867-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.





# REMARKS

for MONDAY, 5<sup>TH</sup> SEPTEMBER 1887, at 8.30 a.m.

The weather over the United Kingdom, and more especially over the south western and southern districts seems to be gradually breaking up; for during the past twenty-four hours two distinct depressions have advanced into our neighbourhood;—one from the Atlantic to our south west coasts, the other from the Baltic to Holstein. The former is the larger and more important of the two; and under its influence the E<sup>ly</sup> wind has freshened considerably over the western and northern parts of the country, while the light W<sup>ly</sup> breezes which prevailed over our extreme south eastern counties last night have given place to a light breeze from the E<sup>ly</sup>. Temperature has changed little and irregularly, and is still low for the time of year. A little rain has fallen on our north-east and east coasts, and a good deal in the west of France. The sky has become overcast in the south west and south, with rain in places, but is only partially clouded in the north and east and in some localities is quite clear. The sea is rather rough off the South of Ireland, generally moderate or slight elsewhere.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon  
on the

6<sup>TH</sup> SEPTEMBER.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	NE <sup>ly</sup> winds, moderate; fair.	6 SCOTLAND WEST	E <sup>ly</sup> breezes, moderate to fresh; cloudy, but fair.
2 SCOTLAND EAST	—	7 ENGLAND N.W.	E <sup>ly</sup> breezes, fresh to strong; cloudy, some rain occasionally.
3 ENGLAND NE	E <sup>ly</sup> winds, light to fresh; fine at first, then less settled and probably wet.	8 ENGLAND S.W.	—
4 ENGLAND EAST	NE <sup>ly</sup> to E <sup>ly</sup> winds, freshening; fair on the whole.	9 IRELAND NORTH	E <sup>ly</sup> and NE <sup>ly</sup> breezes, strong; squally, rain at times.
5 MIDLAND COUNTIES	E <sup>ly</sup> breezes, freshening; dull, rain at times.	10 IRELAND SOUTH	—
6 ENGLAND SOUTH	—	WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

5<sup>TH</sup> SEPT<sup>R</sup>

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force (0 to 12).			Max.	Min.			
Haparanda ...	29.83	46	Z	0	b	30.28	-0.05	46	41	+1	N	2	b	*	61	39	-		
Hernösand ...	29.84	52	NE	2	0	30.22	-0.07	54	51	+4	NE	4	b	*	57	45	-		
Stockholm ...	30.00	55	NE	6	0	29.98	-0.12	56	55	+3	ENE	8	0	*	?	52	0.20		
Wisby ...	29.86	63	Z	4	c	29.83	-0.06	61	59	+4	SSE	2	0	*	66	?	0.12		
Bodö ...	30.25	51	NNE	1	b	29.21	-0.14	52	48	+6	E	2	b	1	57	45	-		
Christiansund...	30.10	57	E	1	b	29.99	-0.20	57	50	+3	SE	5	b	2	64	45	-		
†Skudesnæs ...	29.99	58	N	2	0	29.81	-0.34	57	54	-1	N	2	0	3	63	?	-		
Oslo (Kristiansund)...	29.97	55	NNE	6	a	29.77	-0.36	55	54	+2	NNE	6	a	4	55	52	0.12		
Skagen (The Skaw)	29.78	54	ENE	6	0	29.72	-0.34	57	59	+3	ENE	5	0	5	57	52	0.63		
Fanö ...	29.75	53	NE	4	a	29.59	-0.34	57	54	+2	NE	4	0	*	57	52	0.16		
Cuxhaven ...	29.70	?	N	3	0	29.57	-0.29	58	57	+1	W	2	a	*	59	54	0.56		
†Sumburgh Head																			
†Stornoway ...	30.07	53	ENE	3	b	30.02	-0.13	49	49	-4	NNE	3	0	3	56	44	-		
Wick ...	30.12	55	E	3	b	30.00	-0.18	51	49	+1	N	1	0	1	61	46	-		
Nairn ...	30.09	53	ENE	1	b	30.01	-0.16	50	47	-1	ENE	3	0	2	53	43	-		
†Aberdeen ...	30.09	55	NNE	2	b	29.95	-0.20	53	50	-1	N	5	b	3	58	47	-		
Leith ...	30.05	54	E	1	0	29.92	-0.16	52	51	-1	E	1	0	*	55	49	0.02		
†Shields ...	29.98	53	ENE	3	0	29.85	-0.16	55	54	+1	NNE	4	e	4	55	50	0.09		
Spurn Head ...	29.92	55	ENE	4	c	29.81	-0.13	54	54	0	ENE	4	b	4	59	52	0.02		
York ...	29.95	55	ENE	1	m	29.85	-0.11	55	54	-1	NE	1	e	*	63	51	0.04		
Nottingham ...	29.90	58	NE	3	0	29.81	-0.12	53	53	-2	E	1	a	*	64	51	0.05		
†Ardrossan ...	30.00	55	ENE	5	om	29.90	-0.15	51	49	-3	ENE	4	e	2	59	47	-		
†Mullaghmore ...	29.88	58	E	8	0	29.83	-0.17	54	52	+1	E	5	om	4	60	52	-		
Donaghadee ...	29.94	57	ESE	5	0	29.87	-0.16	54	52	0	ESE	7	e	5	61	53	-		
Parsonstown ...	29.86	59	ENE	1	b	29.74	-0.24	56	53	+5	E	3	b	*	63	49	-		
Barrow-in-Furness	29.92	59	NNE	3	e	29.84	-0.15	54	52	-1	NE	3	e	2	63	49	0.11		
†Holyhead ...	29.88	59	ENE	3	0	29.78	-0.20	56	55	0	E	5	e	4	60	54	-		
Liverpool (Bidston)	29.89	59	ENE	3	c	29.79	-0.18	55	51	+1	ENE	4	b	3	60	51	0.01		
†Valentia ...	29.74	59	E	4	om	29.60	-0.31	55	53	-1	NE	5	og	5	64	55	0.03		
Roche's Point...	29.78	57	ESE	4	c	29.62	-0.35	53	52	-1	ESE	6	0	5	62	48	-		
Pembroke ...	29.84	58	ENE	1	m	29.67	-0.28	57	54	+5	E	4	e	2	62	52	-		
†Scilly ...																			
Prawle Point ...	29.87	58	ESE	2	b	29.65	-0.31	56	56	+1	ESE	5	a	4	62	54	0.05		
Hurst Castle ...	29.88	59	WSW	2	b	29.73	-0.22	54	53	+6	ESE	4	m	3	63	47	-		
†Dover ...	29.84	60	SW	2	b	29.74	-0.16	58	56	+1	NE	3	b	1	62	54	-		
†London ...	29.86	62	W	1	b	29.75	-0.17	56	54	+6	E	2	0	*	66	45	-		
Oxford ...	29.89	54	Z	0	0	29.76	-0.18	55	53	+2	ENE	3	0	*	62	50	-		
Cambridge ...	29.88	60	NE	1	b	29.80	-0.12	55	54	0	NE	1	e	*	66	52	0.02		
†Yarmouth ...	29.87	59	NE	1	0	29.77	-0.11	57	55	-1	NNE	3	b	4	61	54	0.07		
The Helder ...	29.82	56	NNE	1	a	29.66	-0.22	57	55	+1	NNW	1	a	2	59	55	0.24		
Cape Gris Nez ...	29.88	59	NW	1	b	29.76	-0.16	55	55	0	SSW	1	m	0	64	54	-		
†Jersey ...	29.90	58	NE	1	b	29.65	-0.32	60	56	+1	ESE	4	g	4	64	55	-		
Brest ...	29.82	62	S	3	0	29.53	-0.42	60	60	+8	SSW	3	0	3	68	50	0.47		
Lorient ...	29.81	62	NNW	3	b	29.55	-0.36	62	59	+7	SW	4	0	2	68	54	0.55		
†Rochefort ...	29.85	60	SW	4	b	29.71	-0.20	61	60	+2	S	5	a	2	77	55	0.20		
Biarritz ...			N	3		29.69	-0.23	65	60	+1	S	5	e	2	73	59	0.32		
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	29.75	-0.14	54	53	-1	SW	1	e	*	65	51	-		
Charleville ...	29.81	59	SW	1	b	?	?	46	46	-9	SW	4	b	*	68	44	-		
Paris ...	29.88	64	NNW	1	b	29.78	-0.17	55	52	0	ENE	1	e	*	*	*	-		
Lyons ...	29.89	61	SE	1	b	29.84	-0.10	55	51	0	E	1	m	*	64	48	0.08		
Toulon ...																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.72	51	E	3	0	28.61	-0.13	49	47	-3	E	3	b	*	56	47	0.05		

## HIGH LEVEL STATION.

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

Hawes Junction	28.72	51	E	3	0	28.61	-0.13	49	47	-3	E	3	b	*	56	47	0.05
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.	
Skudeenæs ...	30.06	63	54	NW	6	2	Valentia ...							
Sumburgh Head							Scilly ...							
Stornoway ...							Dover ..							
Aberdeen ...							London ...						*	
Shields ...							Yarmouth ...							
Ardrossan ...							Jersey... ..							
Mullaghmore ...							Rocheport ...	29.90	75	64	NW	4	b	2
Holyhead... ..							Ben Nevis (3408 ft.)							
							9 a.m. on 24.	28.56	36	36	ENE	5	of	1

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

FOR

TUESDAY, 6<sup>TH</sup> SEPTEMBER

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Fred. J. Dargatzis, Lith. 22, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on TUESDAY, 6<sup>th</sup> SEPTEMBER, 1881.

## BAROMETER, WIND & SEA.

### Explanation of Map.

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

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

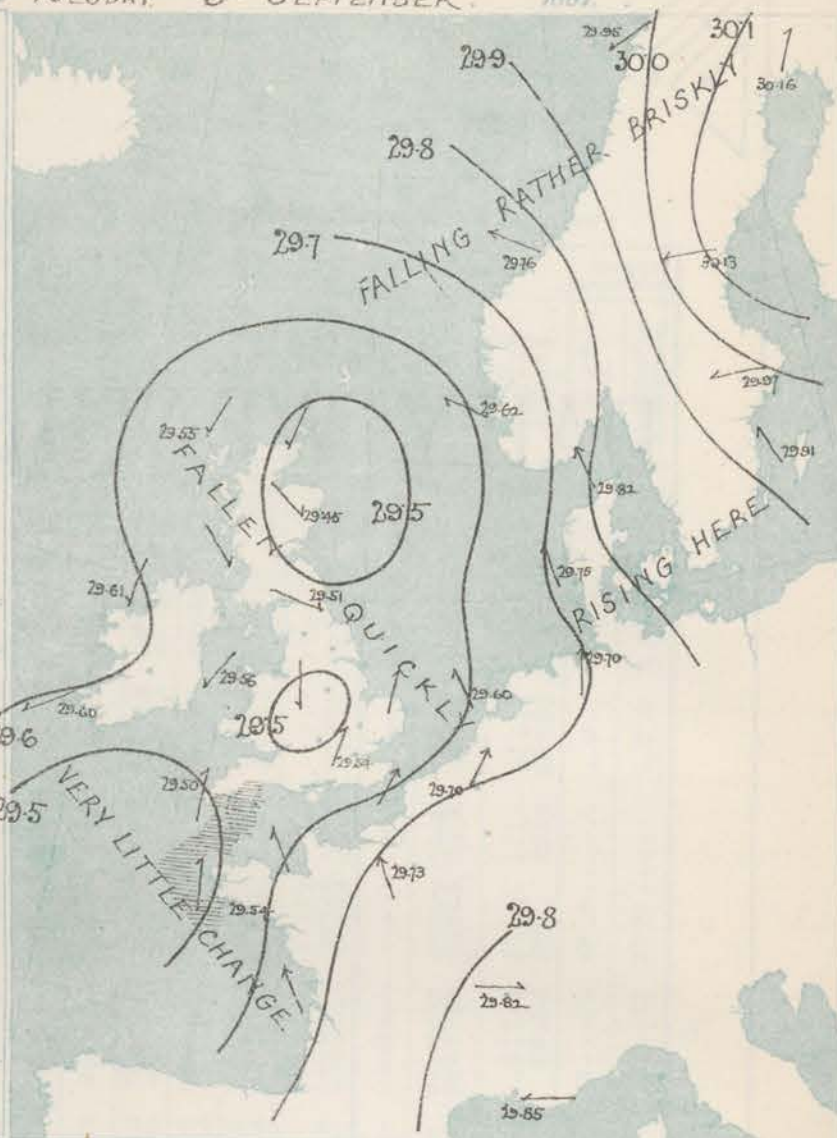
Sea Disturbance, where considerable is shown by shading round the coast; thus: Rough; High.

## MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations	Mean Readings
	Inch
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrossan	29.890
Greencastle	29.848
Holyhead	29.857
Valentia	29.872
Koch's Pt.	29.875
Plymouth	29.933
LONDON	29.937
Yarmouth	29.918

\* 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 September.

Stations	Temp.	Rain-fall.
	°	inch
Sumburgh Head	53.3	2.14
Sarnoway	52.4	4.54
Aberdeen	54.5	3.58
Shields	55.8	2.81
York	56.0	3.12
Mullaghmore	55.2	2
Holyhead	57.0	3.54
Parsonstown	55.8	3.68
Valentia	56.4	5.19
Sally (St Mary's)	59.2	4.61
Hurst Castle	59.3	2
Dover	59.5	3.00
LONDON	59.2	2.71
Yarmouth	58.7	3.07

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





# REMARKS

for TUESDAY, 6<sup>TH</sup> SEPT<sup>R</sup> 1881, at 8 a.m.

The distribution of pressure this morning over the British Isles and their neighbourhood is still very complex; the winds vary greatly, and the weather is exceedingly changeable. The depression which advanced towards the North Sea from the Baltic yesterday morning has now reached the east of Scotland, the one which lay at the mouth of the Channel has remained stationary, while the small subsidiary disturbance which appeared to be forming over the Channel has moved N<sup>W</sup> to Central England. The wind is consequently N<sup>W</sup> to NE<sup>W</sup> in direction on our north western and western coasts, and is light to moderate in force, while it is S<sup>W</sup> to SW<sup>W</sup> over France and the southern and eastern parts of England, and fresh to strong in force. Temperature has risen a few degrees in the South, and readings vary from between 57° and 60° over our Southern counties to between 50° and 52° in Scotland. A heavy rain has occurred over our southern counties and in some parts of France a rather heavy fall over the northern half of Scotland, and showers have fallen over Britain generally, but in Ireland the weather has been dry. The amount of cloud this morning varies greatly in different localities and rain is falling at several stations. The sea is moderate or slight in almost all places, rather rough at the mouth of the Channel.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

7<sup>TH</sup> SEPTEMBER.

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

### DISTRICTS

### FORECASTS

1	SCOTLAND NORTH	N <sup>W</sup> to NW <sup>W</sup> winds, moderate; dull, rainy.
2	SCOTLAND EAST	Wind varying between NE and NW, light to moderate; heavy rain at times.
3	ENGLAND N.E.	— 50° — 51° — 52° —
4	ENGLAND EAST	SW <sup>W</sup> breezes, moderate; fair to showery.
5	MIDLAND COUNTIES	Very variable breezes, light to moderate; showery.
6	ENGLAND SOUTH	Same as No. 3.

### DISTRICTS

### FORECASTS

7	SCOTLAND WEST	Same as No. 0.
8	ENGLAND N.W.	NE <sup>W</sup> and N <sup>W</sup> winds, moderate or light; changeable, some rain.
9	ENGLAND S.W.	S <sup>W</sup> to SE <sup>W</sup> breezes, light or moderate; changeable, rain at times.
10	IRELAND NORTH	NE <sup>W</sup> breezes, moderate; cloudy, rain at times.
11	IRELAND SOUTH	— 50° — 51° — 52° —
	WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

6<sup>th</sup> SEPT<sup>r</sup>

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.		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 ...	30.24	45	2	0	b	30.16	- 12	46	45	0	SW	2	bc	*	61	39	-		
Hernösand ...	30.23	52	2	0	b	30.13	- 19	53	51	- 1	E	2	o	*	59	50	-		
Stockholm ...	29.99	57	ENE	6	o	29.97	- 0.1	58	58	+ 2	E	2	f	*	59	55	0.08		
Wisby ...	29.88	60	SSE	2	o	29.91	+ 0.6	59	59	- 2	SSE	2	o	*	66	59	0.22		
Bodö ...	30.04	53	2	0	b	29.95	- 2.6	56	51	+ 4	ENE	2	e	1	61	48	-		
Christiansund...	29.84	66	ESE	3	e	29.76	- 2.3	62	55	+ 5	ESE	5	e	2	68	50	-		
†Skudesnaes ...	29.67	64	E	5	o	29.62	- 1.9	59	55	+ 2	ESE	4	N	3	66	?	-		
Oxö (Xtiansund) ...	29.71	57	ENE	6	o	29.70	- 0.7	56	55	+ 1	ESE	6	o	4	57	55	0.47		
Skagen (The Skaw)	29.79	58	SSE	4	o	29.82	+ 1.0	57	56	0	SSE	5	e	5	61	52	0.12		
Fanö ...	29.64	57	S	4	e	29.75	+ 1.6	56	55	- 1	SSE	4	e	*	61	54	0.16		
Cuxhaven ...	29.59	?	SSE	2	bc	29.70	+ 1.3	51	50	- 7	S	2	bc	*	61	?	0.19		
†Sumburgh Head																			
†Stornoway ...	29.87	52	NNE	5	o	29.85	- 2.7	51	51	+ 2	NNE	4	o	4	53	40	0.10		
Wick ...	29.82	52	NE	4	om	29.48	- 5.2	55	54	+ 4	NNE	2	d	3	62	49	0.40		
Nairn ...	29.81	53	2	0	e	29.51	- 5.0	50	50	0	2	0	N	1	56	48	0.48		
†Aberdeen ...	29.77	64	N	4	N	29.45	- 5.0	52	52	- 1	NW	3	o	3	57	49	0.19		
Leith ...	29.70	55	E	1	bc	29.50	- 4.2	51	49	- 1	W	1	e	*	58	47	0.04		
†Shields ...	29.71	52	N	5	o	29.51	- 3.4	50	49	- 5	W	2	N	3	55	47	0.12		
Spurn Head ...	29.67	54	NNE	3	o	29.51	- 3.0	54	54	0	ENE	1	cp	4	57	52	0.05		
York ...	29.72	55	NNE	1	o	29.53	- 3.2	51	51	- 4	N	1	m	*	64	49	0.02		
Nottingham ...	29.67	57	ENE	3	o	29.51	- 3.0	52	52	- 1	N	1	N	*	65	50	0.14		
†Ardrossan ...	29.76	57	2	0	of	29.52	- 3.8	52	50	+ 1	NNW	1	om	1	59	50	-		
†Mullaghmore ...	29.74	56	ENE	5	o	29.61	- 2.2	52	51	- 2	NNE	4	ogm	3	59	52	-		
Donaghadee ...	29.74	55	NE	4	e	29.56	- 3.1	53	52	- 1	WSW	2	o	0	58	51	-		
Parsonstown ...	29.68	57	ENE	2	o	29.60	- 1.4	51	49	- 5	NNW	1	og	*	59	49	-		
Barrow-in-Furness	29.69	59	NE	3	bc	29.58	- 2.6	54	50	0	NE	3	e	2	65	49	-		
†Holyhead ...	29.63	57	NE	6	e	29.56	- 2.2	54	53	- 2	NE	2	o	2	59	53	0.01		
Liverpool (Bidston)	29.67	56	NE	3	bc	29.54	- 2.5	52	49	- 3	NE	1	e	1	60	49	-		
†Valentia ...	29.59	59	ENE	4	omg	29.60	+ 0.0	55	52	0	NE	3	com	3	61	49	-		
Roche's Point...	29.59	56	ENE	4	N	29.56	- 0.6	54	51	+ 1	NE	3	e	4	60	50	0.12		
Pembroke ...	29.55	57	E	3	5	29.51	- 1.6	53	52	- 4	ENE	2	N	1	59	52	0.13		
†Scilly ...																			
Prawle Point ...	29.48	56	ENE	3	N	29.52	- 1.3	57	55	+ 1	SSW	4	l	5	58	53	0.76		
Hurst Castle ...	29.57	57	ESE	4	N	29.54	- 1.9	59	55	+ 5	WSW	4	N	4	61	58	0.75		
†Dover ...	29.64	59	ENE	3	bc	29.59	- 1.5	54	53	- 4	W	4	bc	3	62	54	0.36		
†London ...	29.63	58	E	2	bc	29.54	- 2.4	60	56	+ 4	SW	3	bc	*	62	52	0.41		
Oxford ...	29.62	55	ENE	4	o	29.49	- 2.7	56	55	+ 1	SW	2	o	*	62	53	0.17		
Cambridge ...	29.66	57	NE	1	o	29.50	- 3.0	57	56	+ 2	S	1	o	*	61	51	0.26		
†Yarmouth ...	29.66	57	N	1	bc	29.53	- 2.4	59	57	+ 2	SSW	3	bc	3	59	54	0.06		
The Helder ...	29.65	57	WSW	1	N	29.60	- 0.6	56	55	- 1	SSE	1	o	1	57	54	0.08		
Cape Gris Nez ...	29.63	58	NE	4	o	29.60	- 1.6	58	55	+ 3	SW	7	e	4	63	52	0.43		
†Jersey ...	29.56	58	W	4	op	29.61	+ 0.4	57	55	- 3	SSE	3	com	3	60	54	0.34		
Brest ...	29.58	59	W	5	b	29.47	- 0.6	58	56	- 2	S	4	o	5	63	55	-		
Lorient ...	29.61	59	W	5	e	29.54	- 0.1	57	54	- 5	ESE	4	N	4	64	54	0.08		
†Rochefort ...	29.72	60	W	8	bc	29.66	- 0.5	55	55	- 6	SSE	7	bc	3	68	52	0.71		
†Biarritz ...	29.83	64	W	3	e	29.72	+ 0.3	62	53	- 3	S	5	l	4	73	52	0.04		
†Corunna ...	*	*	*	*	*	29.63	- 2.3	?	?	?	WSW	1	po	5	*	*	*		
Brussels ...	*	*	*	*	*	29.70	- 0.5	57	53	+ 3	SW	5	o	*	66	57	0.04		
Charleville ...	29.67	61	S	1	o	29.74	?	56	52	+ 10	S	5	e	*	68	46	-		
Paris ...	29.67	57	2	0	N	29.73	- 0.5	57	54	+ 2	SSE	5	bc	*	*	*	0.16		
Lyons ...	29.77	64	SSW	1	o	29.82	+ 0.2	57	57	+ 2	W	1	f	*	66	48	0.32		
Toulon ...	29.86	68	SE	3	e	29.85	+ 0.1	63	59	- 3	E	1	o	4	75	59	0.43		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.56	51	E	2	o	28.32	- 2.9	46	46	- 3	NW	1	N	*	57	44	0.02		

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.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	29.73	55	57	E	4	e	3	Valentia ...	29.59	59	55	ENE	5	ogm	5
Sumburgh Head								Scilly ...							
Stornoway ...	29.94	53	50	NNE	5	o	4	Dover ..	29.68	60	57	E	2	bc	1
Aberdeen ...	29.85	57	53	N	4	e	3	London ...	29.67	61	57	E	2	o	*
Shields ...	29.77	54	52	NNE	5	o	5	Yarmouth ...	29.71	58	55	SW	2	bc	3
Ardrossan ...	29.83	59	54	ENE	3	e	1	Jersey ...	29.56	60	59	SE	4	N	4
Mullaghmore ...	29.79	57	53	ENE	5	og	4	Rochefort ...	29.72	65	61	W	7	o	2
Holyhead ...	29.73	59	58	E	6	o	4	Ben Davis (not at)							
								San m. 52.	25.31	34	34	NE	5	o	Max 39 Min 32 Rain 0.01

The changes in pressure are still very unusual. The depression in the E. appears to be now moving NE, while that in the S.W. has become stationary. A subsidiary disturbance seems to be forming over the Channel. The wind remains strong from the E. on our W. and S.W. coasts and light from E. in the S. In Scotland, however, it has backed to the N, and at Yarmouth to S.W.

## EXPLANATION OF COLUMNS.

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

\* AN ASTERISK is inserted in all places for which information is not usually received.  
† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.

† These Stations send Reports at 2 p.m. daily (Sundays excepted). † Received too late for insertion in charts.





# DAILY WEATHER REPORT

F O R

WEDNESDAY, 7<sup>TH</sup> SEPTEMBER.

1881.

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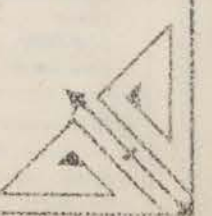
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ROBERT H. SCOTT  
(SECRETARY.)



*Printed by Longerfield, Lith. 25, Abchurch Lane, London.*



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 7<sup>th</sup> SEPT<sup>r</sup>

1887

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

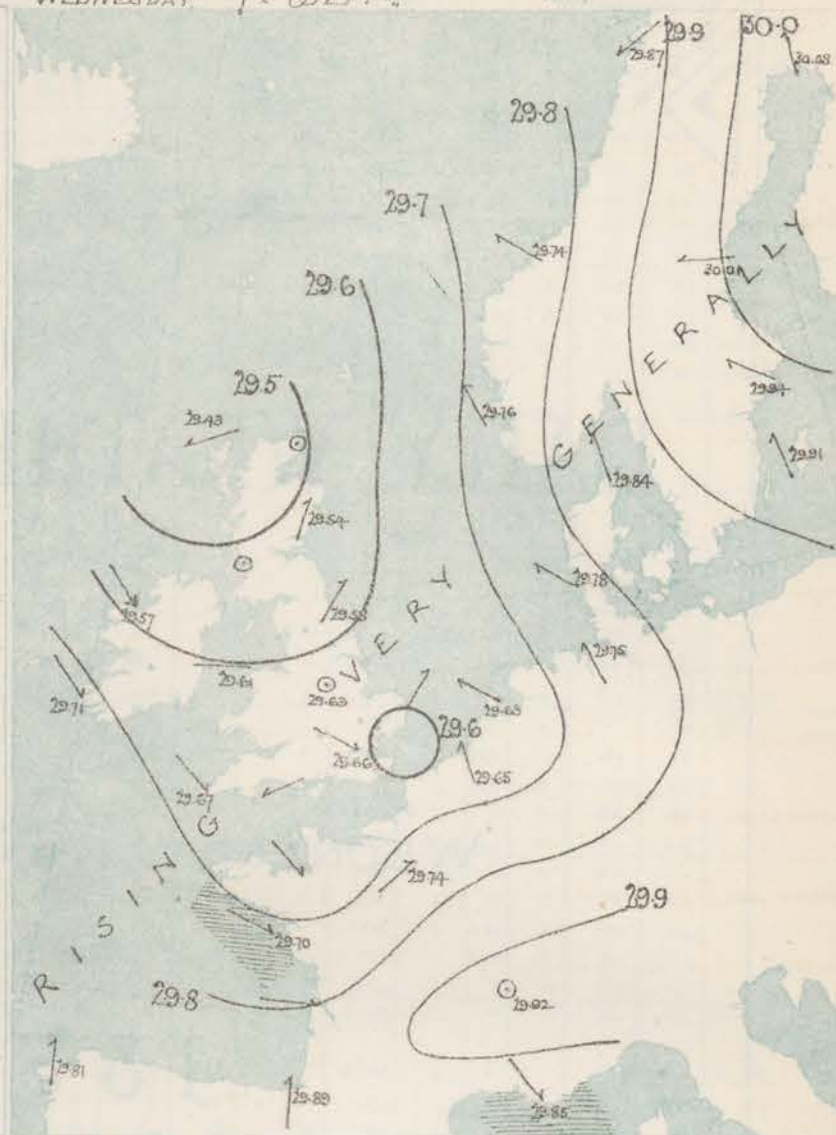
**Sea Disturbance,** where considerable, is shown by shading round the coast: thus = Rough; = High.

## MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations	Mean Readings, Ins.
Nairn	29.775
Aberdeen	29.789
Leith	29.814
Scarborough	29.870
Ardrossan	29.828
Greenock	29.818
Holyhead	29.857
Valentia	29.872
Roch's Pt.	29.875
Plymouth	29.935
LONDON	29.937
Varmouth	29.918

\* 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 September

Stations	Temp	Rain-fall
Sunderburgh Head	57.3	2.14
Seacroft	57.4	4.34
Aberdeen	57.5	3.53
Shields	57.6	2.81
York	57.6	3.12
Mullaghmore	57.2	3
Holyhead	57.0	3.54
Parsonstown	57.6	3.68
Valentia	56.9	5.19
Sally (St. Mary's)	59.2	4.71
Hurst Castle	59.3	3
Dover	59.5	3.00
LONDON	59.2	2.71
Varmouth	58.7	3.07

\* 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 7<sup>TH</sup> SEPTEMBER 1881, at 8 a.m.

The distribution of pressure over the British Islands this morning is much less complex than it has been of late. The depressions noticed in the north yesterday have passed almost completely away to the N<sup>W</sup>, while that which lay at the mouth of the Channel has, after undergoing some considerable modification moved ENE<sup>W</sup>, and seems to be filling up off our south and south east coasts. The winds over our Islands have consequently become very light; in direction they are NW at our western stations, SW to S in the north east, and very variable in the east and south. Temperature has changed little and irregularly, and readings vary from 52° to 56° in most districts. At York, however, where a thick fog prevails, the thermometer stands at 49°. Rain has fallen in almost all districts, and thunder and lightning have occurred in the east and south east. In some parts of France heavy thunderstorms have occurred, and at Le Havre 2 inches of rain have fallen. The sky is now cloudy and misty generally—except on our extreme south east coasts, and rain is still falling at several northern stations but the general appearance is less unsettled than for some days past. The sea is moderate in the Bay of Biscay, smooth on our coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

8<sup>TH</sup> SEPTEMBER

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

### DISTRICTS

### FORECASTS

1	SCOTLAND NORTH	Light variable breezes, finally SW <sup>W</sup> ; dull, changeable, rain at times.
1	SCOTLAND EAST	—
2	ENGLAND N.E.	SW <sup>W</sup> breezes, light; weather improving considerably.
3	ENGLAND EAST	Very variable breezes, finally NW <sup>W</sup> to W <sup>W</sup> light; weather improving gradually.
4	MIDLAND COUNTIES	Very light breezes and fine weather.
5	ENGLAND SOUTH	Same as No. 3.

### DISTRICTS

### FORECASTS

6	SCOTLAND WEST	Same as No. 0.
7	ENGLAND N.W.	Same as No. 0.
8	ENGLAND S.W.	NW <sup>W</sup> to SW <sup>W</sup> breezes, light; fine generally.
9	IRELAND NORTH	Same as Nos. 0. and 1.
10	IRELAND SOUTH	Same as No. 8.
	WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

7<sup>th</sup> SEPT<sup>r</sup>

1881.

	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 19).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 19).			Max.	Min.			
Haparanda ...	30.08	51	Z	0	b	30.08	- .08	52	52	+ 6	S	2	f	*	59	37	-		
Hernösand ...	30.08	53	Z	0	o	30.01	- .12	54	53	+ 1	E	2	o	*	57	43	-		
Stockholm ...	29.96	57	E	2	o	29.94	- .03	60	59	+ 2	ESE	2	o	*	61	55	0.04		
Wisby ...	29.94	57	SE	6	f	29.94	+ .03	61	59	+ 2	SSE	2	o	*	66	55	-		
Bodö ...	29.85	57	Z	0	bc	29.84	- .08	56	55	0	E	2	bc	1	66	54	-		
Christiansund ...	29.71	54	SE	1	bc	29.74	- .02	64	53	+ 2	SSE	2	bc	1	70	52	-		
†Skudesnaes ...	29.67	59	SE	4	Λ	29.76	+ .14	58	54	- 1	SE	6	Λ	4	?	?	-		
Oxö (Xiänsund) ...	29.74	57	ESE	4	Λ	29.83	+ .13	55	55	- 1	ENE	2	f	2	57	54	0.20		
Skagen (The Skaw) ...	29.81	58	SSE	3	o	29.84	+ .02	58	58	+ 1	SSE	3	o	2	61	55	0.16		
Fanö ...	29.76	54	SSE	1	e	29.78	+ .03	56	55	0	SSE	4	e	*	63	50	-		
Cuxhaven ...	29.78	?	SSW	1	b	29.75	+ .05	51	51	0	SE	3	f	*	66	?	-		
†Sumburgh Head ...																			
†Stornoway ...	29.44	55	N	2	Λ	29.43	- .12	55	55	+ 4	ENE	1	o	3	55	50	0.23		
Wick ...	29.39	55	SE	1	Om	29.48	.00	52	52	- 3	SE	3	Om	3	57	48	0.25		
Nairn ...	29.39	56	S	1	o	29.47	- .04	53	52	+ 3	Z	0	o	1	56	50	0.32		
†Aberdeen ...	29.44	53	S	3	Λ	29.54	+ .09	56	54	+ 4	SSW	4	bc	2	59	48	0.11		
Leith ...	29.44	57	NW	1	e	29.52	+ .02	53	52	+ 1	S	1	Λ	*	60	50	0.02		
†Shields ...	29.47	54	Z	0	m	29.58	+ .07	53	50	+ 3	SW	2	m	2	55	47	-		
Spurn Head ...	29.53	54	SE	3	Λ	29.61	+ .10	55	55	+ 1	Z	0	o	2	55	51	0.20		
York ...	29.52	54	W	1	o	29.61	+ .08	49	49	- 2	W	1	f	*	60	49	0.02		
Nottingham ...	29.56	54	SSW	1	o	29.63	+ .12	53	53	+ 1	Z	0	b	*	59	45	0.09		
†Ardrossan ...	29.45	54	SW	3	e	29.51	- .01	53	53	+ 1	Z	0	Λ	o	57	50	0.20		
†Mullaghmore ...	29.43	53	NW	2	Λ	29.57	- .04	54	52	+ 2	NW	5	o	4	56	52	0.20		
Donaghadee ...	29.49	54	WSW	2	Λ	29.54	- .02	53	53	0	WSW	3	Λ	1	60	51	0.11		
Parsonstown ...	29.57	52	W	1	Λ	29.64	+ .04	53	51	+ 2	W	1	o	*	59	49	0.03		
Barrow-in-Furness ...	29.52	55	SW	1	e	29.59	+ .01	56	53	+ 2	SW	3	o	2	65	50	-		
†Holyhead ...	29.55	56	WSW	1	o	29.61	+ .05	55	54	+ 1	W	2	o	1	57	53	-		
Liverpool (Bishopstn) ...	29.53	55	WNW	1	o	29.61	+ .07	55	52	+ 3	SSE	1	o	1	58	49	-		
†Valentia ...	29.61	55	NNE	3	e	29.71	+ .11	53	52	- 2	NW	2	o	2	60	51	0.01		
Roche's Point ...	29.58	59	NNE	3	bc	29.68	+ .12	54	52	0	NNW	3	e	3	62	52	-		
Pembroke ...	29.51	56	ENE	2	o	29.62	+ .11	57	54	+ 4	NW	1	o	0	58	51	0.01		
†Scilly ...																			
Prawle Point ...	29.51	57	ENE	3	o	29.66	+ .14	56	55	- 1	NW	3	b	2	62	50	-		
Hurst Castle ...	29.55	54	S	3	e	29.64	+ .10	58	56	- 1	ENE	2	bc	2	63	52	-		
†Dover ...	29.61	60	WSW	3	bc	29.59	.00	60	58	+ 6	WSW	2	b	1	61	54	0.20		
†London ...	29.58	61	SSE	2	bc	29.66	+ .12	56	55	- 4	NW	1	o	*	66	54	0.08		
Oxford ...	29.56	54	Z	0	e	29.63	+ .14	54	53	- 2	Z	0	em	*	62	51	0.01		
Cambridge ...	29.55	54	W	1	o	29.62	+ .12	56	56	- 1	Z	0	o	*	64	49	0.31		
†Yarmouth ...	29.60	59	S	3	b	29.60	+ .07	59	57	0	SW	1	b	3	64	56	0.22		
The Helder ...	29.69	58	S	1	bc	29.63	+ .03	58	57	+ 2	SSE	1	e	2	63	55	0.12		
Cape Gris Nez ...	29.63	61	Z	0	t	29.59	- .01	56	55	- 2	S	1	bc	1	64	54	0.16		
†Jersey ...	29.52	56	ENE	1	bc	29.65	+ .04	59	57	+ 2	NW	2	e	3	60	55	0.24		
Brest ...	29.42	?	N	3	o	29.70	+ .23	57	56	- 1	NNW	1	b	3	57	55	0.35		
Lorient ...	29.39	62	W	3	bc	29.70	+ .16	57	54	0	WNW	4	e	5	72	55	2.02		
†Rochefort ...	29.58	65	WSW	9	o	29.80	+ .14	64	60	+ 9	W	4	bc	4	72	52	0.12		
Biarritz ...	29.74	62	WNW	8	Λ	29.89	+ .17	63	58	+ 1	S	4	bc	4	77	54	0.28		
Coranna ...	*	*	*	*	*	29.81	+ .18	63	*	?	S	1	o	1	*	*	*		
Brussels ...	*	*	*	*	*	29.65	- .05	58	56	+ 1	SSE	4	Λ	*	66	55	0.28		
Charleville ...	29.67	59	SE	1	e	29.75	+ .01	53	52	- 3	S	5	o	*	70	?	0.12		
Paris ...	29.63	64	Z	0	o	29.74	+ .01	57	56	0	SW	4	o	*	*	*	0.08		
Lyons ...	29.69	65	S	1	bc	29.92	+ .10	57	55	0	E	1	e	*	70	56	0.12		
Toulon ...	29.80	64	E	5	m	29.85	.00	60	60	- 3	NW	3	e	5	64	59	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.30	50	S	1	o	28.38	+ .06	52	50	+ 6	SW	2	bc	*	52	45	0.10		

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes ...	29.70	60	57	SSE	6	0	4	Valentia ...	29.62	57	SW	ENE	2	om	3
Sumburgh Head								Scilly ...							
Stornoway ...	29.46	54	54	NNW	3	N	4	Dover ..	29.62	59	SW	S	bc	4	
Aberdeen ...	29.43	56	55	S	2	0	2	London ...	29.57	64	57	SSE	4	cp	*
Shields ...	29.48	52	51	ESE	1	0	3	Yarmouth ...	29.56	64	58	SSW	4	b	3
Ardrossan ...	29.47	55	51	SW	1	e	1	Jersey ...	29.56	58	57	SSE	2	N	2
Mullaghmore ...	29.57	55	52	NW	4	09	3	Rochefort ...	29.59	63	60	SSW	8	0	4
Holyhead ...	29.55	57	56	NNW	2	0	1	Bar. Nevis (+408 ft.)	25.06	39	38	NW	3	0	Max. Min. Rain
								Sanion 6 ft.							39 33 0.11

The changes in pressure and wind which were noticed this morning are still in progress. The N<sup>th</sup> depression now lies completely over Scotland. The small central has reached our N<sup>th</sup> counties, while that off the mouth of the Channel has either remained stationary or moved to a very trifling extent to the SE<sup>th</sup>. The S<sup>th</sup> wind has extended up our NE coast to Scotland, while the NE<sup>th</sup> wind in the W. has been blown to N and NW. Showery weather continues in the S and also in the N.

## EXPLANATION OF COLUMNS.

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

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

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

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



# DAILY WEATHER REPORT

F O R

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

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.*  
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ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

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

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; ○ a dead calm.

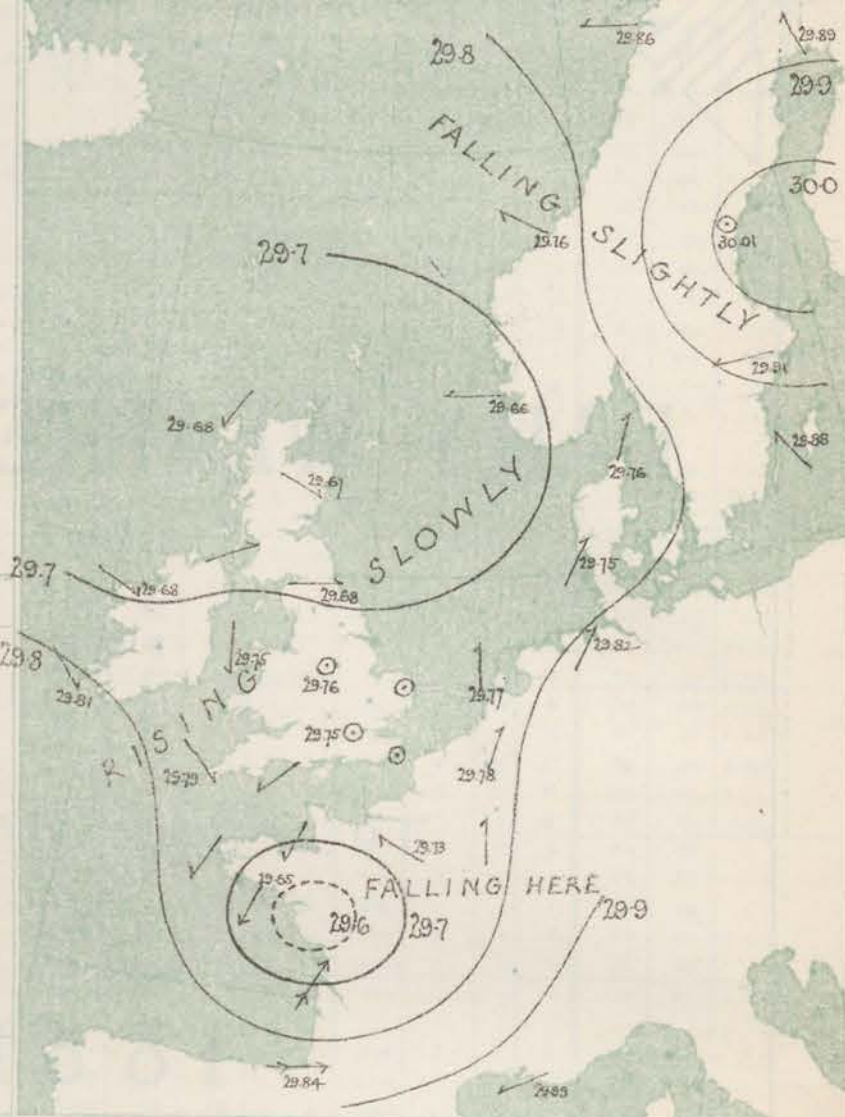
Sea Disturbance, where considerable, is shown by shading round the coast; thus Rough; High.

### MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations.	Mean Readings in.
Nairn	29.775
Aberdeen	29.769
Leith	29.714
Scarborough	29.670
Ardrossan	29.626
Greenock	29.618
Holyhead	29.657
Valencia	29.672
Roshe's Pt.	29.675
Plymouth	29.634
LONDON	29.627
Wormouth	29.648

\* 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.

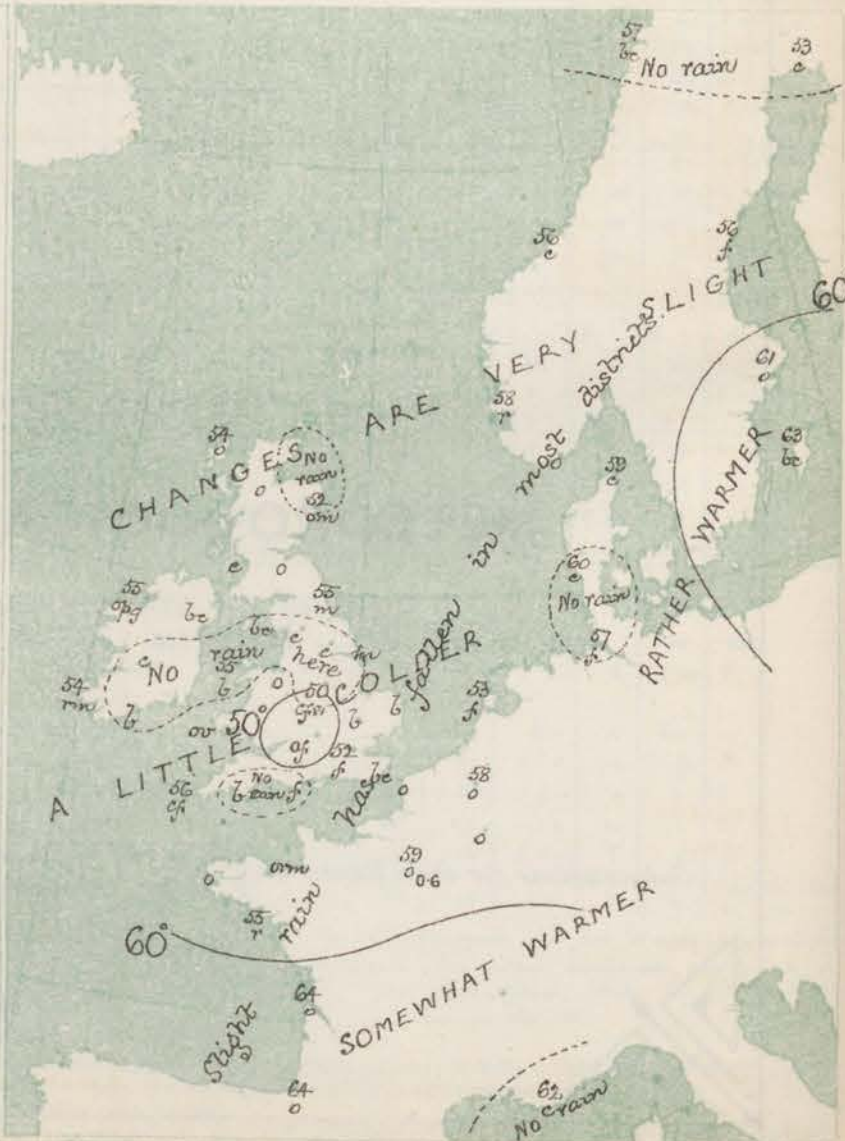
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

### MEANS\* OF TEMPERATURE AND RAINFALL

for the month of September

Stations	Temp.	Rain-fall.
Sunderland Head	57.3	2.14
Stornoway	57.9	4.34
Aberdeen	57.5	3.58
Stuelis	55.8	7.81
Kirk	56.6	3.12
Midwayhouse	55.2	?
Holyhead	57.0	3.51
Parslowtown	55.8	3.68
Valencia	56.4	6.79
Sally (St. Mary's)	59.2	4.01
West Galle	59.3	?
Dover	59.3	3.00
LONDON	59.2	2.71
Wormouth	58.7	3.07

\* 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, 8<sup>TH</sup> SEPT<sup>R</sup> 1881, at 8 a.m.

In the course of the past twenty four hours the barometer has continued to rise over the northern parts of our Islands, while it has become steady in the south. Readings have consequently become very uniform; calms and variable air prevail very generally, with a good deal of fog over England and slight misty rain in the extreme west of Ireland. Temperature has fallen a few degrees over England during the night, and readings are very uniform between 52° and 56°. The sea is smooth on all our coasts. A well-formed but small depression having advanced over the Western Departments of France from the Atlantic has caused fresh NNE<sup>E</sup> breezes at Lorient and Brest, a fresh SW gale at Rochefort and a W<sup>gale</sup> at Biarritz. The weather over that country is dull and unsettled generally, with rain at Lorient; and temperature ranges from 55° or 56° over Brittany to between 62° and 64° over the southern Departments. The sea is not much disturbed even at Biarritz.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

9<sup>TH</sup> SEPTEMBER.

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

### DISTRICTS

### FORECASTS

1	SCOTLAND NORTH	Very light variable breezes; cloudy, but fair on the whole.
4	SCOTLAND EAST	—
2	ENGLAND N.E.	W <sup>gale</sup> breezes, light; fine
3	ENGLAND EAST	Calms and NE <sup>E</sup> air; fine generally, with local fogs
4	MIDLAND COUNTIES	Calms and variable air; foggy to fine
5	ENGLAND SOUTH	Same as No. 3.

### DISTRICTS

### FORECASTS

6	SCOTLAND WEST	W <sup>gale</sup> breezes, light; cloudy to fine.
7	ENGLAND N.W.	—
8	ENGLAND S.W.	NW <sup>gale</sup> breezes, light; cloudy and foggy to fine.
9	IRELAND NORTH	Variable W <sup>gale</sup> breezes, light; fine in the eastern part of the district; cloudy in the west.
10	IRELAND SOUTH	—
WARNINGS		None issued.



# METEOROLOGICAL OBSERVATIONS FOR

8<sup>TH</sup> SEPT<sup>R</sup> 1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda ...	30.08	48	2	0	bc	29.89	-1.9	53	53	+	1	S	2	c	*	54	52	-	
Hernösand ...	30.00	53	ESE	2	bc	30.01	0	56	55	+	2	2	0	f	*	?	50	0.24	
Stockholm ...	29.97	57	E	2	f	29.91	-0.3	61	61	+	1	E	2	0	*	68	?	-	
Wisby ...	29.97	57	SSE	4	c	29.88	-0.6	63	60	+	2	SSE	4	bc	*	66	55	0.08	
Bodö ...	29.86	58	2	0	c	29.86	-0.1	57	54	+	1	E	2	bc	1	68	54	-	
Christiansund...	29.85	55	SW	1	b	29.76	+0.2	56	52	-	8	ESE	2	c	1	68	43	0.04	
†Skudesnaes ...	29.78	56	E NE	2	0	29.66	-1.0	58	56	0	0	E	4	N	3	61	55	-	
Oxö (Xtiansund) ...	29.81	57	NE	4	0	29.71	-1.2	57	55	+	2	SE	4	0	2	57	54	0.35	
Skagen (The Skaw)	29.83	58	S	2	0	29.76	-0.8	59	59	+	1	SSW	3	c	2	61	55	0.08	
Fanö ...	29.74	58	S	2	b	29.75	-0.3	60	59	+	4	SW	1	c	*	66	54	-	
Cuxhaven ...	29.75	?	SSW	1	b	29.82	+0.7	57	56	+	6	SW	2	f	*	66	?	-	
†Sumburgh Head																			
†Stornoway ...	29.54	56	S	1	c	29.68	+2.5	54	54	-	1	NE	1	0	1	59	49	0.02	
Wick ...	29.59	55	S	3	c	29.68	+2.0	53	52	+	1	E	1	0	1	59	50	-	
Nairn ...	29.56	59	2	0	0	29.67	+2.0	53	51	0	0	2	0	0	1	63	48	0.02	
†Aberdeen ...	29.61	56	S	4	0	29.67	+1.3	52	51	-	2	NW	1	om	1	61	48	-	
Leith ...	29.60	55	SE	1	0	29.68	+1.6	53	52	0	0	W	1	0	*	62	52	0.26	
†Shields ...	29.61	59	W	2	0	29.68	+1.0	55	53	+	2	W	2	m	2	64	49	0.02	
Spurn Head ...	29.66	55	SSE	3	0	29.73	+1.2	55	53	0	0	W	1	m	2	60	51	0.22	
York ...	29.66	57	W	1	c	29.72	+1.1	53	52	+	4	SSE	1	c	*	64	48	-	
Nottingham ...	29.69	58	N	2	bc	29.76	+1.3	50	49	-	3	2	0	efw	*	68	42	-	
†Ardrossan ...	29.62	58	2	0	bc	29.69	+1.8	54	52	+	1	WSW	1	2	1	60	51	0.02	
†Mullaghmore ...	29.66	55	W	4	ev	29.68	+1.1	55	55	+	1	WNW	3	opg	3	59	52	0.18	
Donaghadee ...	29.65	56	W	1	N	29.72	+1.8	53	52	0	0	WSW	2	bc	0	59	46	0.13	
Parsonstown ...	29.70	59	NW	1	bc	29.76	+1.2	52	51	-	1	SW	1	c	*	62	42	-	
Barrow-in-Furness	29.67	57	WNW	3	c	29.73	+1.4	57	55	+	1	WNW	2	bc	2	59	54	-	
†Holyhead ...	29.68	67	SW	2	bc	29.75	+1.4	55	55	0	0	N	2	b	1	60	53	-	
Liverpool (Bidston)	29.68	56	WNW	1	c	29.74	+1.3	56	52	+	1	W	1	0	1	60	52	0.01	
†Valentia ...	29.76	55	NW	2	ev	29.81	+1.0	54	53	+	1	NW	2	nm	2	61	48	0.08	
Roche's Point...	29.73	56	W	3	c	29.80	+1.2	52	49	-	2	N	1	b	3	59	48	-	
Pembroke ...	29.71	56	W	2	bc	29.74	+1.2	53	52	-	4	ESE	1	ov	1	59	51	0.38	
†Scilly ...																			
Prawle Point ...	29.76	57	WSW	3	bc	29.76	+1.0	57	55	+	1	N	2	b	1	62	50	-	
Hurst Castle ...	29.76	60	W	3	c	29.73	+0.9	52	52	-	6	NE	1	f	2	64	48	-	
†Dover ...	29.74	59	SW	3	b	29.74	+1.5	57	56	-	3	N	1	bc	0	63	55	0.03	
†London ...	29.73	60	SW	2	c	29.75	+0.9	52	51	-	4	2	0	f	*	66	48	-	
Oxford ...	29.74	58	SW	1	0	29.75	+1.2	49	48	-	5	2	0	of	*	66	47	0.01	
Cambridge ...	29.70	60	WSW	1	0	29.75	+1.3	53	53	-	3	WSW	1	b	*	66	46	0.03	
†Yarmouth ...	29.70	59	2	0	bc	29.74	+1.4	56	54	-	3	2	0	b	2	63	52	0.03	
The Helder ...	29.72	60	?	1	c	29.77	+1.4	53	53	-	5	S	1	f	1	64	52	0.04	
Cape Gris Nez ...	29.76	60	SW	3	c	29.77	+1.8	55	54	-	1	S	1	0	1	64	55	-	
†Jersey ...	29.81	59	W	1	cg	29.73	+0.8	57	56	-	2	NE	1	om	1	64	55	0.10	
Brest ...	29.75	60	S	1	0	29.77	+0.7	56	55	-	1	NE	4	0	2	63	54	0.04	
Lorient ...	29.77	62	SSW	1	0	29.65	-0.5	55	55	-	2	NNE	5	N	3	64	52	0.39	
†Rochefort ...	29.85	66	SW	5	N	29.62	-1.8	64	59	0	0	SW	8	0	3	70	57	0.12	
Biarritz ...	29.79	68	N	3	0	29.84	-0.5	64	49	+	1	W	8	0	4	73	59	0.08	
Corunna ...	*	*	*	*	*			*								*	*	*	
Brussels ...	*	*	*	*	*	29.78	+1.3	58	57	0	0	SSW	1	0	*	65	56	0.04	
Charleville ...	29.84	61	S	1	0	29.78	+0.3	57	64	+	4	S	1	0	*	72	?	0.32	
Paris ...	29.83	64	SSW	4	c	29.73	-0.1	59	58	+	2	ESE	4	0	*	*	*	0.55	
Lyons ...																			
Toulon ...	29.94	66	WSW	4	bc	29.99	+1.4	62	56	+	2	E NE	4	c	2	72	59	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.44	52	W	2	b	28.50	+1.2	51	50	-	1	SW	2	c	*	56	49	-	

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

Hawes Junction	28.44	52	W	2	bc	28.50	+1.2	51	50	-	1	SW	2	c	*	56	49	-
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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 ...	29.80	61	57	S	4	bc m	Valentia ...	29.75	60	55	NW	2	bc	3
Sumburgh Head							Scilly ...							
Stornoway ...	29.49	57	56	W	1	0	Dover ...	29.69	62	59	SW	4	b	2
Aberdeen ...	29.59	55	55	S	4	bc	London ...	29.69	64	59	WNW	3	bc	*
Shields ...	29.60	60	55	2	0	N	Yarmouth ...	29.65	63	58	W	1	bc	3
Ardrossan ...	29.59	58	56	SSW	2	c	Jersey ...	29.81	63	59	WSW	3	bc	3
Mullaghmore ...	29.64	58	55	WNW	5	c	Rochefort ...	29.85	68	63	SW	7	0	3
Holyhead ...	29.67	60	59	WSW	3	c	Bar. Nevils (4406 fms)	25.07	42	41	2	0	0	Max 44 71 38 0.1

Bar. Davis 4406 ft. 25.07 42 41 2 0 0 Max 74 Min 38 0.10

The barometer is rising everywhere, most at Dover, and the weather is improving greatly over our S<sup>W</sup> counties. Some rain is still reported in the N. of England. The sea is smooth both at Dohthead and Dover.

## 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. ngly, threatening; v. visibility, unusual transparency; w. dew.

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

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

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





# DAILY WEATHER REPORT

FOR

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

1881.

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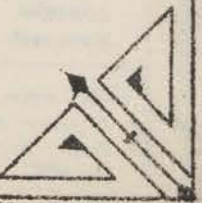
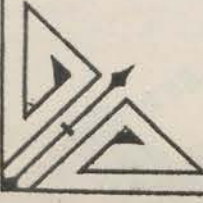
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ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

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

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.

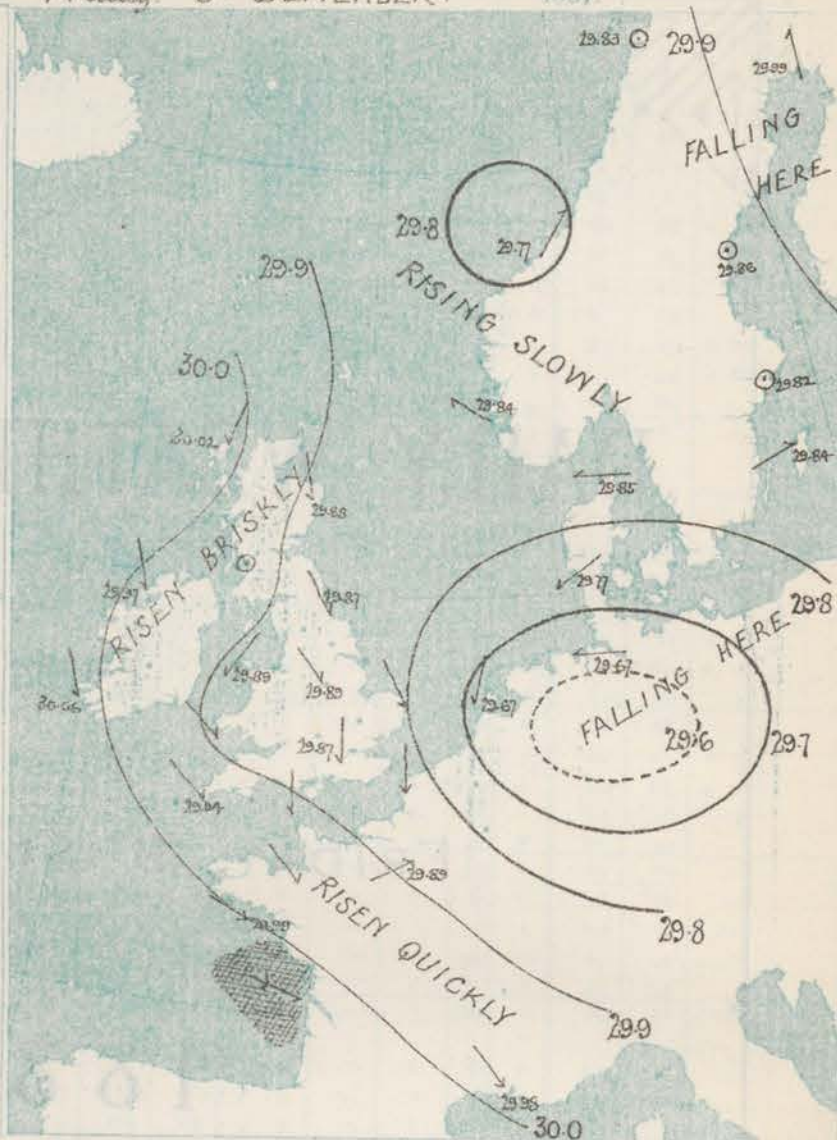
— Rough — High

## MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations	Mean Readings in.
Nairn	29.775
Aberdeen	29.761
Leith	29.811
Scarborough	29.820
Ardrrossan	29.838
Greenock	29.848
Holyhead	29.857
Valencia	29.872
Roches Pt.	29.875
Plymouth	29.885
LONDON	29.847
Wormouth	29.918

\* 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 September

Stations	Temp.	Rain-fall
Scrimbrough Head	57.3	2.14
Suttonby	57.4	2.54
Aberdeen	57.5	3.60
Stuelis	57.8	2.81
York	58.6	3.12
Millinghamore	58.2	?
Holyhead	57.0	3.59
Parsonstown	58.8	3.68
Valencia	56.9	5.19
Silly (St Mary's)	59.2	4.71
Hurst Castle	59.3	?
Dover	59.5	3.00
LONDON	59.2	2.71
Wormouth	58.7	3.07

\* 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, 9<sup>TH</sup> SEPTEMBER 1881, at 8 a.m.

The barometrical depression which travelled in a NE<sup>ly</sup> direction over France yesterday has now reached North Germany, and in its rear the barometer has risen quickly; but a very shallow subsidiary disturbance has appeared over Wales and is moving slowly in a SE<sup>ly</sup> direction. N<sup>ly</sup> and NW<sup>ly</sup> breezes of little strength have set in all over the British Isles, and W<sup>ly</sup> to NW<sup>ly</sup> winds, moderate to strong in force over France. Temperature has not changed much. The maximum readings recorded yesterday varied from 63° to 69° over our northern countries, and from 62° to 65° in the south. Rain has fallen except over the north of England but the fall over our Islands have been slight at all but the Irish stations. In some parts of France, however, a heavy fall occurred yesterday; the amount measured in Paris was 1.3 in. and was accompanied by thunder and lightning. The sky is now overcast in London but moderately clear over the greater part of England, dull over Scotland and Ireland, with rain in places. The sea is high at Rochefort, moderate off our south west coasts and on the northern coasts of France, slight or smooth elsewhere.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon  
on the

10<sup>TH</sup> SEPTEMBER.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	N <sup>ly</sup> to NE <sup>ly</sup> breezes, light; dull and rainy to fair.	6 SCOTLAND WEST	Same as no. 0.
2 SCOTLAND EAST	— 5° — 5° — 5° —	7 ENGLAND N.W.	Same as no. 3.
3 ENGLAND N.E.	NW <sup>ly</sup> to NE <sup>ly</sup> breezes, light; cloudy, some rain at times.	8 ENGLAND S.W.	Same as no. 3.
4 ENGLAND E.	NW <sup>ly</sup> and N <sup>ly</sup> breezes, light; changeable, some local showers, otherwise fair.	9 IRELAND NORTH	N <sup>ly</sup> breezes, moderate; still rather showery in the west, fine elsewhere.
5 MIDLAND COUNTIES	— 5° — 5° — 5° —	10 IRELAND SOUTH	— 5° — 5° — 5° —
6 ENGLAND SOUTH	— 5° — 5° — 5° —	WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

9<sup>th</sup> SEPT<sup>r</sup>

1881.

	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.02	56	SE	2	0	29.99	+1.0	56	55	+3	S	2	0	*	46	0.35			
Hernösand ...	29.96	54	E.N.E.	2	0	29.86	-1.5	55	55	-1	2	0	0	*	57	0.04			
Stockholm ...	29.80	54	S	2	0	29.82	-0.9	58	58	-3	2	0	0	*	68	0.08			
Wisby ...	29.81	59	SW	2	0	29.84	-0.4	57	56	-6	W.S.W.	2	0	*	72	0.16			
Bodö ...	29.81	54	Z	0	0	29.83	-0.3	57	55	0	Z	0	0	*	68	-			
Christiansund ...	29.69	58	E.S.E.	1	0	29.77	+0.1	55	54	-1	SW	3	0	2	66	2.36			
†Skudesnaes ...	29.75	56	S	1	0	29.84	+1.8	56	54	-2	E.S.E.	2	0	3	59	-			
Oxö (Xtiansund) ...	29.76	55	S	1	m	29.80	+0.9	51	49	-6	N	2	m	1	59	0.16			
Skagen (The Skaw) ...	29.78	54	Z	0	bc	29.85	+0.9	55	54	-4	E	2	0	0	64	0.08			
Fanö ...	29.80	52	SW	1	0	29.77	+0.2	56	55	-4	E.N.E.	4	0	*	64	0.04			
Cuxhaven ...	29.82	?	N.N.E.	2	0	29.67	-1.5	61	60	+4	E	3	bc	*	63	0.40			
†Sumburgh Head ...	29.80	54	N.N.E.	3	0	30.02	+3.4	53	53	-1	N.E.	3	0	3	56	0.03			
†Stornoway ...	29.78	54	N	2	0	29.94	+2.6	53	53	0	N	4	0	3	57	0.08			
Wick ...	29.77	55	Z	0	0	29.92	+2.5	54	50	+1	E.N.E.	2	0	1	62	0.07			
Nairn ...	29.74	57	N.E.	1	0	29.88	+2.1	54	53	+2	N.W.	4	0	1	61	0.02			
†Aberdeen ...	29.81	59	N	1	0	29.90	+2.2	55	54	+2	N.W.	1	0	*	62	0.04			
Leith ...	29.74	55	Z	0	cm	29.87	+1.9	52	51	-3	N.W.	2	m	2	63	-			
†Shields ...	29.75	57	S.S.E.	1	0	29.85	+1.2	55	53	0	N.E.	4	0	3	64	-			
Spurn Head ...	29.75	60	S	1	0	29.88	+1.6	53	48	-3	W	1	0	*	65	-			
York ...	29.79	58	N.W.	1	0	29.89	+1.3	52	50	+2	N.W.	1	bc	*	69	-			
Nottingham ...	29.75	56	N.W.	1	0	29.91	+2.2	54	53	0	Z	0	ow	0	58	-			
†Ardrossan ...	29.76	56	N.W.	5	0	29.97	+2.9	56	54	+1	N.W.	4	0	3	61	0.26			
†Mullaghmore ...	29.76	55	S.S.E.	1	0	29.92	+2.0	55	55	+2	N.N.E.	2	0	0	61	0.02			
Donaghadee ...	29.80	57	N.W.	1	0	29.98	+2.2	54	53	+2	N.W.	1	0	*	60	0.45			
Parsonstown ...	29.79	59	W	2	0	29.88	+1.5	52	50	-5	N.E.	2	0	1	61	-			
Barrow-in-Furness ...	29.78	57	N.W.	2	0	29.89	+1.4	57	56	+2	N.E.	3	0	2	60	0.01			
†Holyhead ...	29.80	56	N.W.	1	0	29.89	+1.5	56	53	0	W	1	bc	1	61	-			
Liverpool (Bidston) ...	29.92	56	N.W.	5	0	30.06	+2.5	57	56	+3	N.W.	3	0	4	62	0.21			
†Valentia ...	29.85	56	N.W.	4	0	29.98	+1.8	58	55	+3	N.W.	4	0	4	63	0.16			
Roehe's Point ...	29.80	56	W	3	0	29.87	+1.3	56	55	+3	N.W.	2	0	1	59	0.01			
Pembroke ...	29.83	55	N.W.	2	0	29.92	+1.6	55	54	-2	N.W.	2	0	2	65	0.10			
†Scilly ...	29.76	60	W	3	0	29.89	+1.6	56	54	+4	N	2	bc	2	62	0.02			
Prawle Point ...	29.70	58	N.E.	3	0	29.82	+0.8	56	54	-1	N.W.	3	0	1	62	0.14			
Hurst Castle ...	29.73	60	N.W.	1	0	29.87	+1.2	55	52	+3	N	2	0	*	63	0.03			
†Dover ...	29.78	59	N.W.	1	0	29.88	+1.3	54	50	+5	N.W.	2	0	*	63	0.08			
London ...	29.75	58	N.W.	1	0	29.86	+1.1	54	52	+1	N	1	0	*	65	-			
Oxford ...	29.73	58	N.N.E.	2	0	29.81	+0.7	57	55	+1	N.W.	2	0	3	62	-			
Cambridge ...	29.73	60	E.N.E.	1	0	29.67	-1.0	60	59	+7	N.N.E.	4	0	3	64	-			
†Yarmouth ...	29.73	59	N.E.	4	0	29.81	+0.4	58	55	+3	N.W.	5	0	4	64	0.55			
The Helder ...	29.86	58	N.W.	4	0	29.96	+1.3	58	54	+1	N.W.	2	0	3	59	0.41			
Cape Gris Nez ...	29.92	56	N.W.	4	0	29.99	+2.2	57	55	+1	N.W.	4	0	3	64	0.16			
†Jersey ...	29.91	59	N.W.	7	0	29.99	+3.4	57	55	+2	N.W.	5	0	4	64	0.28			
Brest ...	29.95	53	N.W.	9	0	30.02	+4.0	61	57	-3	N.W.	8	0	7	68	?			
Lorient ...																			
†Rochefort ...																			
Biarritz ...																			
Corunna ...																			
Brussels ...																			
Charleville ...	29.66	60	S.S.E.	1	0	29.70	-0.8	?	51	-7	S.S.W.	5	0	*	768	0.20			
Paris ...	29.63	54	SE	3	0	29.89	+1.6	55	53	-4	W.S.W.	4	0	*	*	1.34			
Lyons ...																			
Toulon ...	29.96	63	SW	3	0	29.98	-0.1	60	52	-2	N.W.	7	0	4	66	0.59			
Hawes Junction ...	28.54	55	SW	2	0	28.66	+1.6	47	47	-4	N.W.	1	0	*	59	0.39			

## 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.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	29.69	58	55	SSE	6	6.0	4	Valentia ...	29.88	59	57	NW	4	0.0	4
Sumburgh Head								Scilly ...							
Stornoway ...	29.73	56	55	NE	2	0	2	Dover ..	29.70	61	58	NE	2	0	1
Aberdeen ...	29.69	60	57	N	1	0	1	London ...	29.72	63	58	N	1	0	0
Shields ...	29.73	60	56	Z	0	0	2	Yarmouth ...	29.73	61	59	SSE	1	0	2
Ardrossan ...	29.72	57	54	SSW	2	0	2	Jersey ...	29.80	58	57	NNW	2	0	2
Mullaghmore ...	29.73	60	58	NW	5	0.0	4	Rochefort ...	29.76	63	60	WNW	7.12	0	7
Holyhead ...	29.77	57	57	NW	2	0	1								
								Ben Nevis (4406 Ft)	25.23	41	41	NW	1	0.0	46
													</		

Hardly any change has occurred in the weather over the greater part of our Islands, the only noteworthy exception being an increase of the amount of cloud over our S<sup>th</sup> counties, which has been brought about by the temporary proximity of the depression over France, as it is passing E.N.E. towards Germany.

## EXPLANATION OF COLUMNS.

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

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

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

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted). † Received too late for insertion in charts.



# DAILY WEATHER REPORT

F O R

SATURDAY, 10<sup>TH</sup> SEPT<sup>R</sup>.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on SATURDAY 10<sup>th</sup> SEPT<sup>r</sup> 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

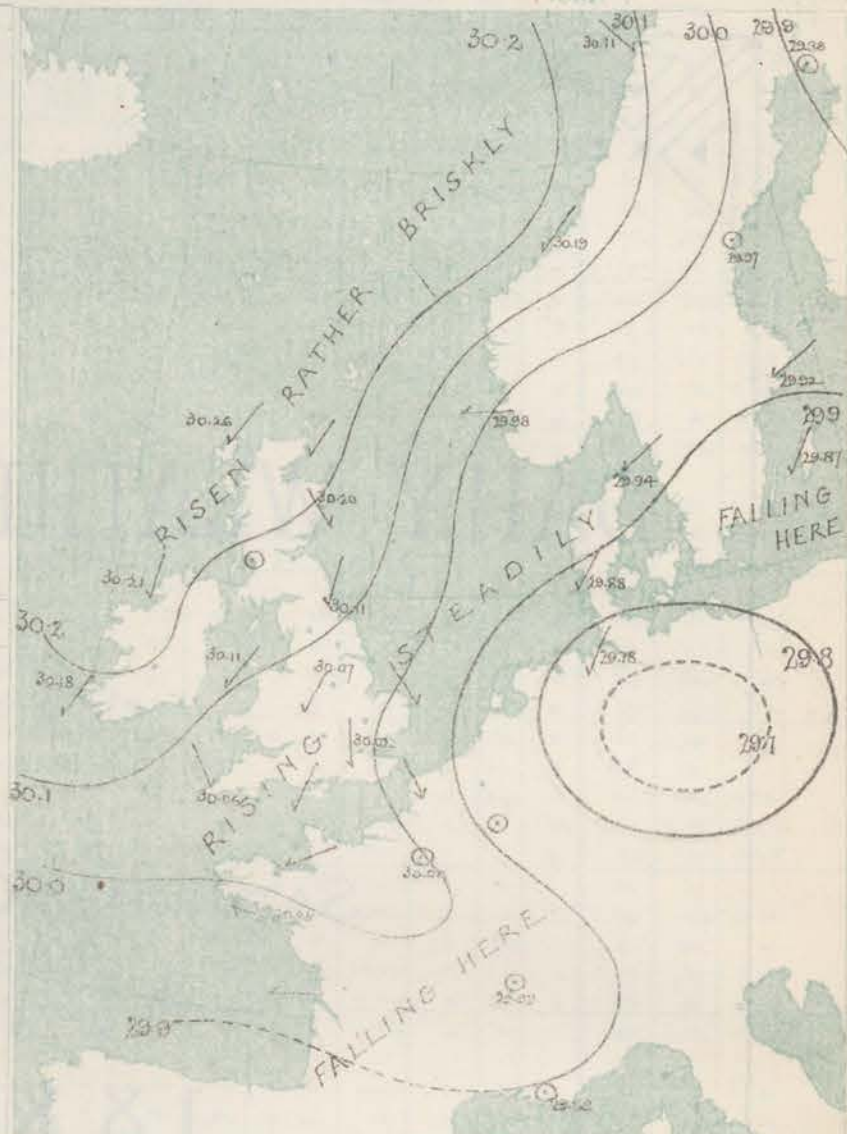
Sea Disturbance, where considerable is shown by shading round the coast, thus: Rough; High.

### MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations	Mean Readings in.
Nairn	29.735
Aberdeen	29.764
Leith	29.814
Scarborough	29.830
Ardnam	29.835
Greenock	29.848
Holyhead	29.872
Valentia	29.872
Roskeil Pt.	29.873
Plymouth	29.935
LONDON	29.937
Farmouth	29.948

\* These means are for the 31 years 1850-80.  
A more complete set of mean values is at 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.

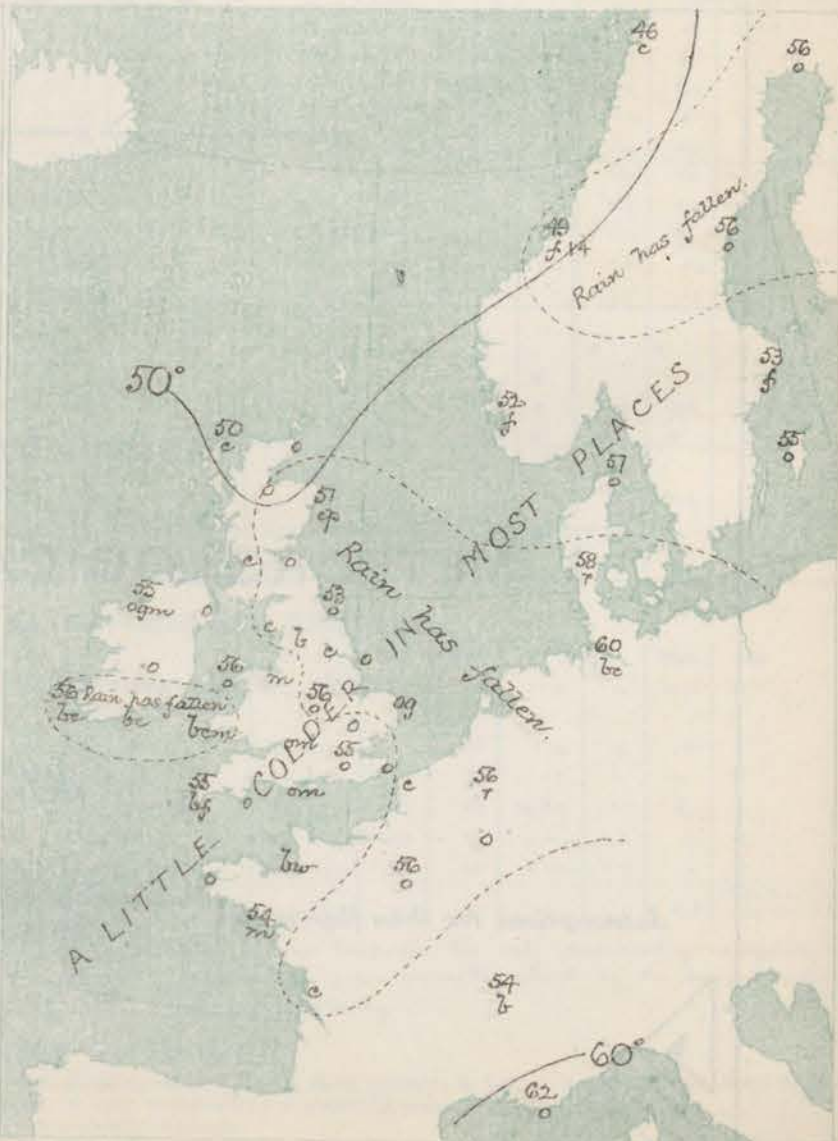
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

### MEANS\* OF TEMPERATURE AND RAINFALL

for the month of September

Stations	Temp	Rain-fall
Sunderburgh Head	57.3	2.14
Seacroft	57.4	1.34
Aberdeen	57.5	7.85
Stirling	57.8	2.01
Kirk	58.6	3.13
Malborough	58.2	?
Holyhead	57.6	3.53
Parsonstown	59.8	2.68
Valentia	56.4	5.19
Sally (St Mary's)	59.2	4.63
Howe Castle	59.3	?
Dover	59.5	3.09
LONDON	59.2	2.71
Farmouth	58.7	3.67

\* The mean Temperatures are those for the 31 years 1857-87; the mean amounts of Rain are those for the 30 years 1856 to 1885.





1881

## REMARKS

for Saturday 10<sup>th</sup> September 1881 at 8 a.m.

The depression which lay over North Germany yesterday has apparently changed its position very little. Over the whole of our Islands and the North Sea, however, the barometer has continued to rise—especially in the N., while in the S. parts of France it has fallen. The gradients over our neighbourhood have therefore become favourable for NE<sup>+</sup> and N<sup>+</sup> winds, and are therefore steeper than they were yesterday. At the same time several slight local irregularities in pressure have appeared, which keep the weather in an unsettled state. N<sup>+</sup> and NE<sup>+</sup> breezes now prevail throughout our Islands, but are light to moderate in force everywhere. Temperature has fallen in several places and is becoming low generally. Although the sky is clear on our SW. coasts it is very cloudy elsewhere and showers of rain are reported at Aberdeen and Jané. Smart showers of rain fell in Scotland yesterday and slight showers in several other places. The sea is inclined to rise in the E.; it is moderate both there and at our SW. stations, smooth along our S. and the Scotch coasts, slight on the French coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the11<sup>th</sup> SEPTEMBER.

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

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH	NE <sup>2</sup> breezes, light to moderate; dull and showery, to fair.
2 SCOTLAND EAST	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
3 ENGLAND N.E.	N <sup>2</sup> (NNW-NE) winds, freshening; dull, cold showers at times.
4 ENGLAND EAST	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
5 MIDLAND COUNTIES	N <sup>2</sup> to NE <sup>2</sup> breezes, moderate; dull, slight showers in some places.
6 ENGLAND SOUTH	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----

## DISTRICTS

## FORECASTS

6 SCOTLAND WEST	NE <sup>2</sup> breezes, moderate; fair on the whole.
7 ENGLAND N.W.	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
8 ENGLAND S.W.	NE <sup>2</sup> breezes, moderate; fair.
9 IRELAND NORTH	-----Same as N <sup>o</sup> 6 and 7.-----
10 IRELAND SOUTH	-----D <sup>o</sup> -----

## WARNINGS

NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

10<sup>TH</sup> SEPT<sup>R</sup>

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								FAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force. (0 to 19).				Dry.	Wet.		Dir.	Force. (0 to 19).			Max.	Min.	
Haparanda	29.96	58	8	2	0	29.88	-1.1	56	56	0	SW	2	0	*	61	52	0.43
Hernösand	29.91	57	2	0	0	29.97	+1.1	56	54	+1	Z	0	0	*	59	52	0.04
Stockholm	29.91	55	8	2	0	29.92	+1.0	53	53	-5	E	2	0	*	66	?	-
Wisby	29.90	55	2	2	0	29.87	+0.3	55	55	-2	E NE	4	0	*	59	54	-
Bodö	29.95	51	N NE	2	0	30.11	+2.8	46	43	-1.1	NW	2	0	*	57	45	-
Christiansund	30.01	53	NE	4	0	30.19	+4.2	49	46	-6	NE	5	0	3	55	43	1.38
†Skudesnaes	29.95	56	NW	6	bc	29.98	+1.4	52	52	-4	E	2	0	2	61	?	-
Oxö (Xiansund)	29.93	55	N NE	1	0	29.96	+1.6	52	51	+1	N	2	0	1	57	?	-
Skagen (The Skaw)	29.91	56	N NE	2	0	29.94	+0.9	57	56	+2	E NE	3	0	2	61	54	-
Fanö	29.85	58	E NE	4	0	29.88	+1.1	58	57	+2	E NE	4	0	*	63	54	0.39
Cuxhaven	29.71	?	E NE	2	0	29.78	+1.1	60	59	-1	E NE	3	0	bc	?	55	0.04
†Sumburgh Head																	
†Stornoway	30.18	52	NE	3	0	30.26	+2.4	50	48	-3	NE	1	0	2	53	47	-
Wick	30.14	52	NE	3	0	30.25	+3.1	49	48	-4	NE	2	0	2	56	46	0.05
Nairn	30.10	53	N NE	3	0	30.25	+3.3	49	48	-5	NE	2	0	2	54	49	0.25
†Aberdeen	30.04	56	N	4	0	30.20	+3.2	51	50	-3	NNW	4	0	2	60	48	0.05
Leith	30.00	59	NE	1	0	30.19	+2.9	53	52	-2	E	1	0	*	62	52	0.23
†Shields	29.95	55	N	3	0	30.11	+2.4	53	53	+1	N NE	4	0	3	58	50	-
Spurn Head	29.89	55	N NE	4	bc	30.04	+1.9	54	53	+1	N NE	4	0	4	58	53	-
York	29.65	57	NNW	1	0	30.08	+2.0	55	52	+5	N	2	0	*	62	48	0.01
Nottingham	29.97	57	NE	1	bc	30.07	+1.8	56	53	+4	NE	3	0	*	68	49	0.01
†Ardrossan	30.03	60	NW	2	ncp	30.19	+2.8	58	54	+4	N	1	0	1	62	51	-
†Mullaghmore	30.08	56	N	5	0	30.21	+2.4	55	53	-1	N NE	4	0	2	61	54	0.02
Donaghadee	30.03	56	N	3	0	30.18	+2.6	55	54	0	E	5	0	2	61	54	-
Parsonstown	30.06	54	NW	1	0	30.20	+2.2	51	50	-3	N	1	0	*	63	49	0.09
Barrow-in-Furness	29.98	58	N	2	0	30.11	+2.3	55	53	+3	N NE	2	0	2	60	52	0.05
†Holyhead	29.97	57	NNW	3	0	30.11	+2.2	56	55	-1	NE	4	0	3	59	55	-
Liverpool (Bidston)	29.98	56	WNW	1	0	30.09	+2.0	54	51	-2	NE	3	0	2	60	53	-
†Valentia	30.12	57	NNW	4	0	30.18	+1.2	56	54	-1	N NE	3	0	4	62	54	0.04
Roche's Point	30.04	58	N	5	0	30.15	+1.4	55	52	-3	N NE	4	0	4	63	52	0.12
Pembroke	29.96	56	N	3	bc	30.06	+1.9	54	52	-2	N NE	3	0	1	60	51	0.01
†Scilly																	
Prawle Point	29.95	56	WNW	1	0	30.05	+1.3	54	53	-1	N NE	3	0	2	63	49	-
Hurst Castle	29.92	61	WNW	3	0	30.08	+1.4	52	51	-4	NE	2	0	2	65	47	-
†Dover	29.90	59	E NE	3	bc	29.97	+1.5	55	53	-1	N	3	0	1	64	54	-
†London	29.94	61	N	2	bc	30.02	+1.5	55	52	0	N	2	0	*	66	47	-
†Oxford	29.97	56	N NE	2	bc	30.05	+1.7	53	52	-1	N	1	0	*	68	48	-
Cambridge	30.12	52	N	1	0	30.08	+1.7	54	53	0	N	1	0	*	65	46	-
†Yarmouth	29.92	56	NNW	3	bc	29.96	+1.5	56	55	-1	NNW	4	0	4	59	52	-
The Helder																	
Cape Gris Nez	29.91	58	NE	3	0	29.97	+1.6	55	54	-3	NNW	5	0	3	66	55	-
†Jersey	29.99	59	WNW	3	0	30.04	+0.8	60	57	+2	E NE	1	0	1	63	51	-
Brest	30.04	58	NNW	3	bc	30.00	+0.4	55	55	-2	NE	3	0	2	61	54	0.16
Lorient	29.99	61	NW	4	bc	29.95	-0.4	50	50	-7	E SE	3	0	3	66	48	-
†Roche fort	30.02	63	WNW	5	bc	29.97	-0.5	57	55	-4	E	3	0	2	66	50	0.16
Biarritz																	
Corunna	*	*	*	*	*										*	*	*
Brussels	*	*	*	*	*	29.83	+1.6	56	55	-2	W	3	0	*	64	54	0.43
Charleville	28.83	57	W	1	0	29.92	+2.2	53	50	?	WSW	1	0	*	64	50	-
Paris	29.95	57	W	1	0	30.00	+1.1	56	54	+1	W	1	0	*	*	*	0.16
Lyons	30.00	57	NE	1	0	29.99	-0.6	54	50	-4	NW	1	0	*	67	51	-
Toulon	29.93	65	NW	7	0	29.88	-1.0	62	53	+2	Z	0	0	3	70	59	-

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

Hawes Junction	28.74	52	N NE	2	0	28.87	+2.1	50	48	+3	E NE	2	0	*	58	47	0.09
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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 ...	29.91	61	56	NW	6	m	4	Valentia ...	30.11	61	58	NW	3	c	4					
Sumburgh Head								Scilly ...												
Stornoway ...	30.11	53	52	NNE	4	0	3	Dover ..	29.86	63	57	N	3	b	1					
Aberdeen ...	29.96	60	57	N	4	0	1	London ...	29.90	63	57	NW	2	c	*					
Shields ...	29.92	55	54	N	3	c	2	Yarmouth ...	29.87	57	54	NNW	2	bc	3					
Ardrossan ...	29.98	60	56	NW	2	0	1	Jersey ...	29.98	62	58	WNW	3	bc	3					
Mullaghmore ...	30.04	60	58	N	5	c	4	Roche fort ...	30.04	60	59	NW	8	c	7					
Holyhead... ..	29.96	59	58	NNW	3	b	2	Ben Nevis (4405 Ft) 8 a.m. 30.						15.46	40	39	N	6	0	Max. Min. Rain 46 38 0.63

The barometer has continued to rise at all stations - most in the N - and readings now vary from about 30.1 ins. at Stornoway, Valentia, and in the extreme SW. of France to about 29.85 ins. off our SE. coasts. Gradients are consequently moderate, and are favourable for the prevalence of N<sup>ly</sup> (NE to NW) winds. The weather is fair generally.

## 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

SUNDAY, 11<sup>TH</sup> SEPTEMBER.

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 SUNDAY, 11<sup>th</sup> SEPTEMBER, 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.

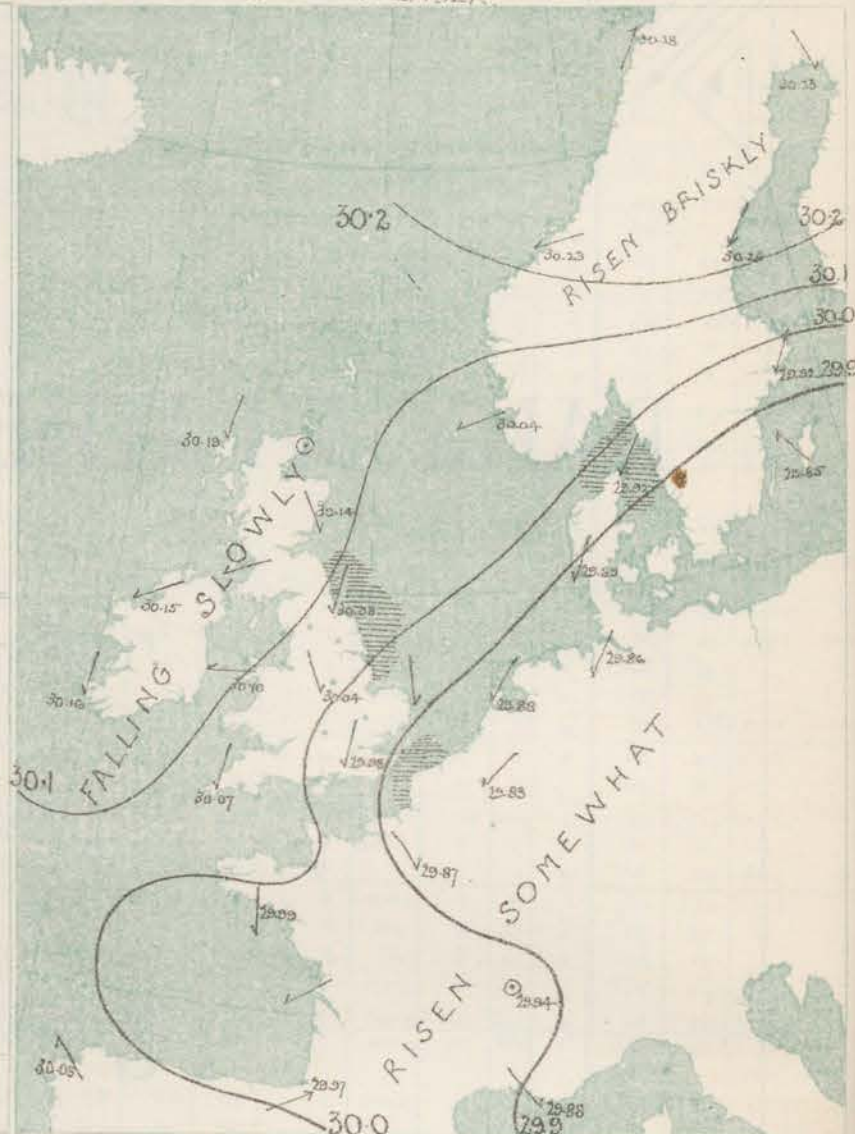
Sea Disturbance, where considerable, is shown by shading round the coast:  
 ☐ - Rough; ☐ - High.

## MEAN HEIGHT of the BAROMETER

for the month of September

Stations.	Mean Readings.
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Adrianian	29.874
Greenacastle	29.848
Holyhead	29.857
Valentia	29.877
Koches Pt.	29.875
Flymouth	29.905
LONDON	29.917
Vermouth	29.918

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





# REMARKS

for Sunday 11<sup>th</sup> Sept<sup>r</sup> 1887, at 8 a.m.

The barometer having fallen a little on our western and northern coasts, while it has risen quickly over the north of Scandinavia, the area of highest is now found over the latter region. With this exception the distribution remains precisely similar to that reported yesterday, the changes in the mercury at our southern stations, being exceedingly slight and irregular. N<sup>h</sup> and NE<sup>h</sup> winds continue to prevail in almost all parts of Western Europe, their force being light or moderate on our coasts, but rather strong on the NE. coast of France and the coast of Holland. Temperature has fallen a little at our NW stations and also over Central England, but changed very slightly elsewhere; readings over our Islands are exceedingly uniform. The difference between the temperatures at Rock Point, where the thermometer is highest and that at Kairn where it is lowest being only 7°. The maxima over Central England yesterday scarcely exceeded 60°, but on our NW and SW coasts temperature was higher and at Valentia the thermometer reached 65°. The weather is cloudy or dull generally with rain in Denmark, drizzle at Cambridge<sup>h</sup> Kairn<sup>h</sup> showers in London. Sea is rather rough in the E and SE, 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

### DISTRICTS

### FORECASTS

0 SCOTLAND NORTH

1 SCOTLAND EAST

2 ENGLAND N.E.

3 ENGLAND EAST

4 MIDLAND COUNTIES

5 ENGLAND SOUTH

NONE ISSUED

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

WARNINGS

NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR

11<sup>th</sup> SEPT

1881.

YESTERDAY EVENING.						5 A.M. TO DAY.						PAST 24 HOURS.					
STATIONS.	Barometer at 5 <sup>th</sup> P.M. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.		Difference from 5 a.m. yesterday.	WIND.	Force (0 to 12).	Weather.	Sea (0 to 5).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).		Reading at 5 <sup>th</sup> P.M. and Sea Level.	Difference from 5 a.m. yesterday.	Dry.	Wet.		Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	30.09	45	N	2	b	30.25	+ .15	39	36	- 17	N	2	b	*	55	?	-
Hernösand	30.06	56	NE	4	r	30.26	+ .29	50	45	- 6	NE	6	b	*	68	48	-
Stockholm	29.91	53	NE	2	r	29.92	+ .01	53	53	0	NE	4	r	*	61	48	3.65
Wisby	29.83	59	E	4	c	29.85	+ .02	59	57	- 2	SSE	2	o	*	61	54	0.24
Bodö	29.29	44	SW	2	c	29.28	+ .01	46	45	- 1	SSW	2	o	1	48	43	0.04
Christiansund	30.25	49	NE	2	b	30.23	+ .02	48	44	- 4	ENE	3	b	2	54	37	-
†Skudesnaes	30.01	60	E	2	c	30.04	+ .03	60	55	+ 5	ENE	4	b	2	68	52	-
Oxö (Xönsund)	29.99	60	N	4	c	30.02	+ .03	58	52	+ 6	NNE	4	o	2	61	?	-
Skagen (The Skaw)	29.93	60	NNE	3	o	29.92	- .01	55	54	- 1	NE	6	r	5	61	54	0.12
Fanö	29.93	57	NE	2	c	29.89	+ .04	58	57	- 1	NNE	4	r	*	64	54	-
Cuxhaven	29.84	64	ENE	2	bc	29.86	+ .02	57	56	- 1	NE	2	f	*	76.4	52	-
†Sumburgh Head																	
†Stornoway	30.25	49	ENE	3	b	30.19	- .06	53	51	+ 2	NE	3	c	3	58	42	-
Wick	30.23	52	N	1	o	30.17	- .06	52	50	+ 2	NNW	1	om	1	53	48	-
Nairn	30.22	51	Z	0	c	30.17	- .05	48	46	+ 2	Z	0	d	1	53	46	0.01
†Aberdeen	30.18	50	NNW	4	o	30.14	- .04	50	50	0	NNW	3	o	2	55	48	-
Leith	30.18	53	E	1	bc	30.16	- .02	52	48	+ 4	NE	1	o	*	58	46	-
†Shields	30.12	51	N	7	o	30.03	- .09	51	51	0	NNE	4	o	5	53	49	0.02
Spurn Head	30.04	54	NNE	5	b	30.00	- .04	54	53	+ 1	NNE	5	o	5	57	52	0.03
York	30.10	53	N	2	m	30.06	- .04	52	51	+ 1	N	1	o	*	60	49	0.01
Nottingham	30.08	53	NE	2	o	30.04	- .04	52	50	+ 2	NNW	4	o	*	61	49	-
†Ardrossan	30.15	59	WSW	1	bc	30.15	- .01	51	49	+ 2	ENE	2	om	1	64	49	-
†Mullaghmore	30.18	59	NNW	3	b	30.16	- .02	53	49	+ 4	ENE	2	ovg	2	64	50	-
Donaghadee	30.18	56	NNE	2	bc	30.14	- .04	52	51	+ 1	S	1	o	0	64	45	-
Parsonstown	30.17	59	N	1	o	30.16	- .01	57	50	+ 7	N	1	og	*	61	49	-
Barrow-in-Furness	30.11	58	NNE	3	bc	30.10	- .01	50	48	+ 2	N	2	bc	1	61	47	-
†Holyhead	30.12	57	NE	4	o	30.10	- .02	54	54	0	E	2	og	1	58	53	-
Liverpool (Bidston)	30.11	57	NE	2	c	30.09	- .02	53	48	+ 5	NE	1	o	1	60	50	-
†Valentia	30.19	59	NNW	3	o	30.16	- .03	55	54	+ 1	NNE	1	o	2	65	49	-
Roche's Point	30.16	57	ENE	3	bc	30.15	- .01	56	54	+ 2	NNW	3	c	3	63	53	-
Pembroke	30.08	57	NNE	2	o	30.07	+ .01	58	56	+ 2	NNE	2	c	1	63	53	0.08
†Scilly																	
Prawle Point	30.06	56	NNE	2	c	30.05	- .01	52	50	+ 2	NNE	2	o	1	63	50	-
Hurst Castle	30.00	57	NE	3	o	29.99	- .01	53	51	+ 2	NE	4	o	1	63	51	-
†Dover	29.97	55	NNE	5	o	29.87	- .10	56	55	+ 1	NNE	5	o	3	58	54	0.56
†London	30.00	56	N	2	op	29.98	- .02	54	52	+ 2	NNE	2	ogp	*	58	52	0.03
Oxford	30.02	55	NNE	2	o	30.01	- .01	51	49	+ 2	NNE	3	og	*	57	50	0.01
Cambridge	30.02	53	N	2	r	29.98	- .04	53	53	0	N	1	od	*	58	50	0.06
†Yarmouth	29.96	56	N	4	o	29.94	- .02	56	55	+ 1	N	4	o	4	60	53	0.21
The Helder	29.88	60	NE	1	r	29.88	+ .00	60	57	+ 3	ENE	1	o	2	63	59	0.08
Cape Gris Nez	29.91	57	NNW	7	r	29.86	- .05	58	58	0	N	7	r	5	64	54	0.63
†Jersey	30.05	57	NE	3	bc	30.02	- .03	56	53	+ 3	NNE	3	og	3	63	54	-
Brest	29.99	60	NE	3	b	30.00	+ .01	54	54	0	N	1	m	0	66	52	0.16
Lorient	29.98	58	NN	3	r	29.99	+ .01	55	53	+ 2	N	4	m	2	66	48	0.16
†Rochefort	29.93	63	NNW	4	bc	29.97	+ .04	55	55	0	NE	3	o	2	68	50	-
Biarritz	29.96	61	N	4	c	29.97	+ .01	57	54	+ 3	SW	5	r	3	64	50	1.50
Corunna						30.05	- .03	54	*	- 3	SE	1	b	1	*	*	*
Brussels						29.83	- .22	46	34	- 12	NE	1	o	*	63	53	0.20
Charleville	29.89	54	SSW	7	o	29.85	- .04	52	50	+ 2	?S	7	o	*	57	50	0.20
Paris	29.95	55	NN	3	r	29.87	- .08	57	55	+ 2	NNW	3	c	*	*	*	0.59
Lyons	29.92	59	N	1	o	29.94	+ .02	52	53	- 1	W	1	b	*	65	50	-
Toulon	29.84	64	S	1	c	29.88	+ .04	60	?	- 2	NN	3	b	2	72	55	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.89	48	ENE	2	o	28.84	- .05	47	46	+ 1	NE	2	o	9	52	44	0.02

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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.			
Skudesnaes ...	29.99	68	59	WNW	2	bcw	3	Valentia ...	30.17	64	57	NE	3	bcw	3	
Sumburgh Head								Scilly ...								
Stornoway ...	30.26	52	51	ENE	3	o	3	Dover ..	29.93	57	56	N	4	ogp	1	
Aberdeen ...	30.18	55	52	N	4	o	3	London ...	30.00	57	55	NNW	2	od	*	
Shields ...	30.12	53	51	N	7	o	4	Yarmouth ...	29.96	55	54	NNW	4	ogd	4	
Ardrossan ...	30.17	61	57	NNW	1	c	1	Jersey ...	30.05	61	57	NE	2	c	2	
Mullaghmore ...	30.19	61	57	WNW	2	c	1	Rochefort ...	29.96	68	61	NNW	4	c	2	
Holyhead ...	30.12	58	57	NNE	5	o	4	Ben Nevis (4405 ft.) Bar. m. 10 <sup>th</sup>								
								29.97	37	36	N	1	b	40	35	0.28

The relative distribution of barometric pressure is unchanged and, in fact, beyond a few oscillations of the mercury no important change of pressure has occurred since the morning. N. and NE winds are still prevalent and blow strongly on our NE coast. Sea is moderate at Holyhead smooth at Dover.

### EXPLANATION OF COLUMNS.

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

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

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

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





# DAILY WEATHER REPORT

F O R

MONDAY, 12<sup>TH</sup> SEPTEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

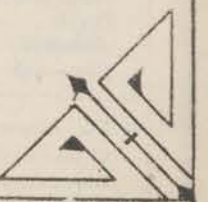
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ROBERT H. SCOTT  
(SECRETARY.)



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



# WEATHER CHARTS

for 8 a.m. on Monday, 12<sup>th</sup> SEPTEMBER, 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 6 to 7; → forces 1 to 4;

○ dead calm.

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

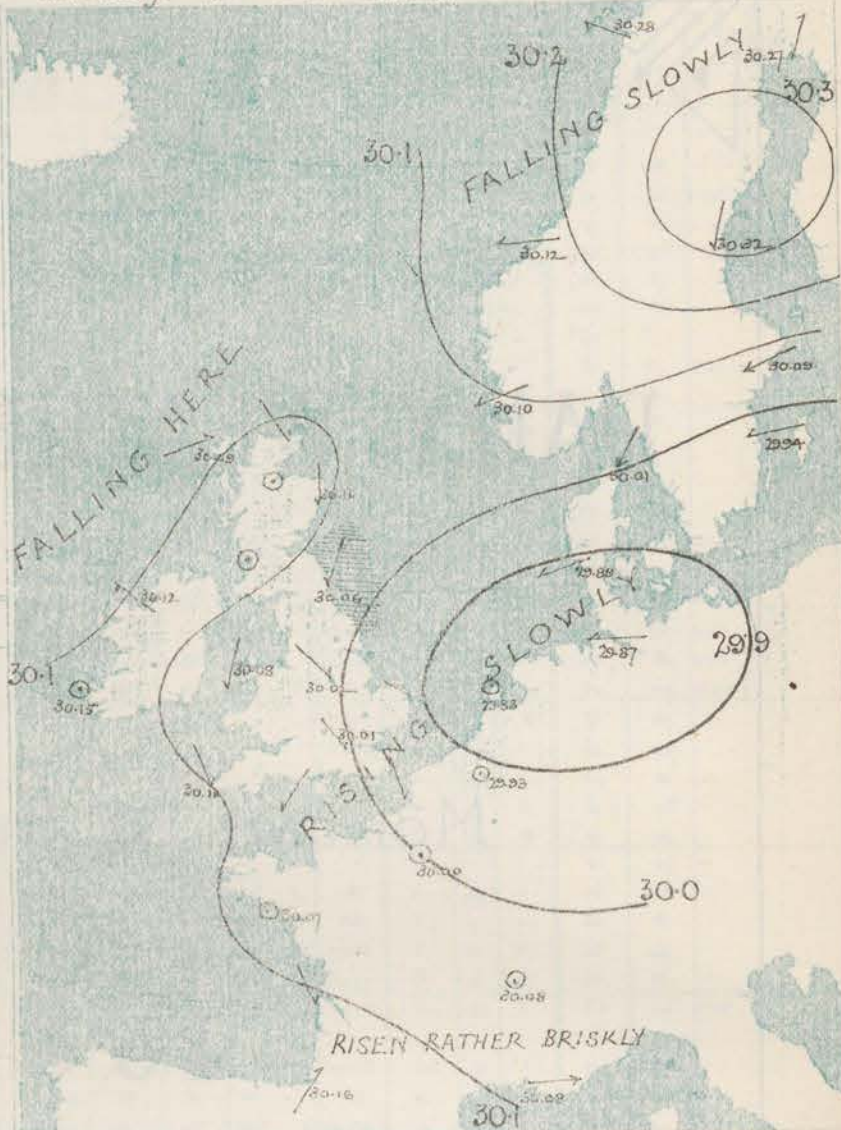
Dark Rough, Light High.

### MEAN\* HEIGHT of the BAROMETER

for the month of September.

Stations.	Mean Readings
Kairn	29.775
Aberdeen	29.769
Leith	29.819
Scarborough	29.820
Ardrossan	29.818
Greenock	29.816
Holyhead	29.877
Valencia	29.879
Sally's Pt.	29.875
Plymouth	29.911
LONDON	29.927
Vermouth	29.939

\* 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.

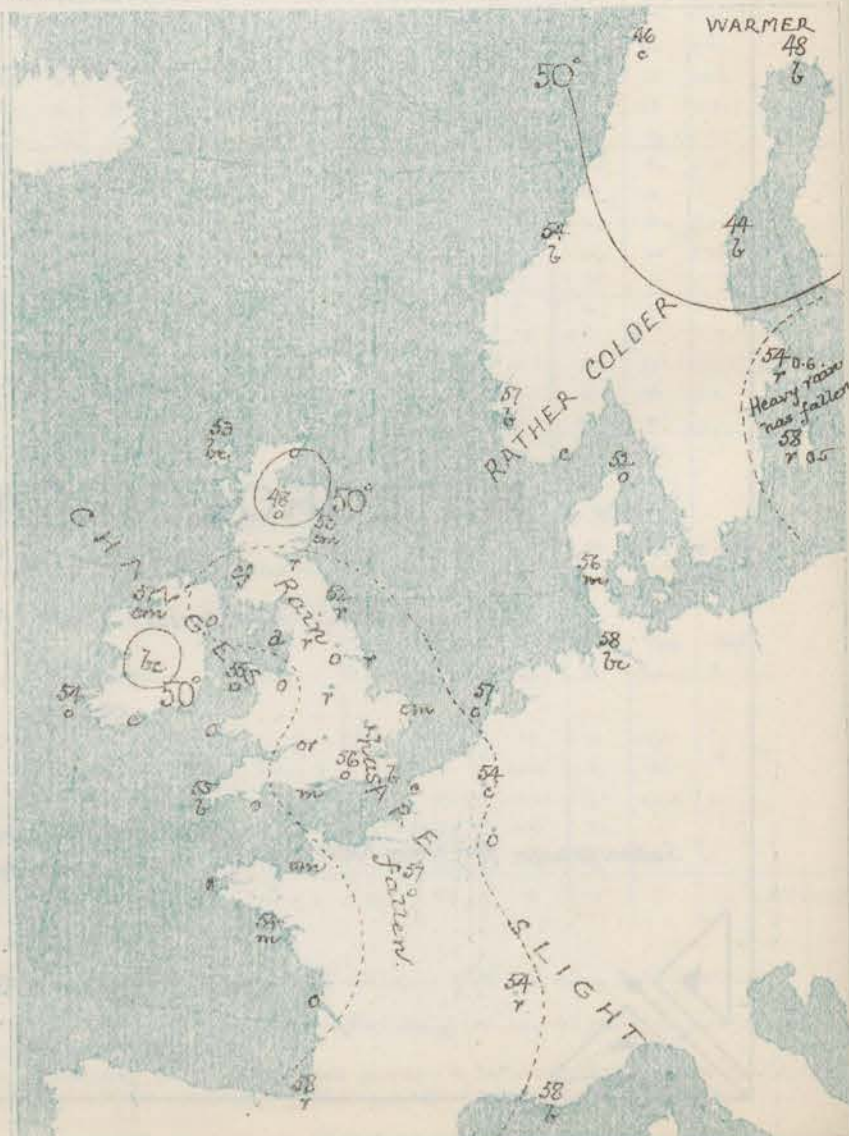
Falls of 0.5 in. or more, are quoted in figures.

### MEANS\* OF TEMPERATURE AND RAINFALL

for the month of September.

Stations	Temp.	Rain-fall
Sambrugh Head	54.7	2.14
Stewarton	55.5	2.31
Aberdeen	54.5	3.58
Stirling	54.8	2.81
York	56.6	2.12
Malborough	55.7	2.00
Holyhead	57.0	3.56
Portsmouth	57.8	3.58
Valencia	56.4	5.10
Sally (St Mary's)	59.2	4.31
Thet Castle	59.3	2.00
Dover	59.8	4.10
LONDON	59.2	2.77
Vermouth	58.7	3.07

\* 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 MONDAY 12<sup>th</sup> SEPT. 1881 at 8 a.m.

Although barometrie pressure is still highest over the north of Sweden, rather high over our western stations, and lowest over the Netherlands and North Germany; the changes in progress seem to show that this distribution is about to be altered, most probably by the advance of a depression from the Atlantic. Barometrie readings at present vary from 30.3 ins. at Tomarand and about 30.15 ins. at Valencia and Biaritz to 29.9 ins. at Copenhaven and the Helder. The barometer has, however, begun to rise steadily over France and the Netherlands, while it is inclined to fall on our extreme northern coasts. Light to moderate N<sup>W</sup> (N.E.-N.W.) breezes prevail over the greater part of England, but in Ireland and Scotland the wind is extremely light and variable, while at Stormoway it has shifted to N.E. Temperature has changed very little at present and ranges from 48° at Storm to between 53° and 55° in most other parts of our Islands. The sky is overcast very generally, and rain is falling all over the north of England. The sea is rather rough at the mouth of the Tyne, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

13<sup>th</sup> SEPT<sup>r</sup>

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	Wind SW <sup>W</sup> , increasing in force; fine to unsettled and rainy.	6 SCOTLAND WEST	Same as N <sup>o</sup> 0.
2 SCOTLAND EAST	Calms followed by SW <sup>W</sup> breezes, light at first with fine weather, less settled later.	7 ENGLAND N.W.	Wind shifting to the SW <sup>W</sup> ; changeable, fair to rainy.
3 ENGLAND N.E.	Wind backing towards W and SW., and weather beginning to improve temporarily.	8 ENGLAND S.W.	NW <sup>W</sup> to W <sup>W</sup> breezes, light; fair on the whole.
4 ENGLAND EAST	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----	9 IRELAND NORTH	Wind shifting to SW. and S. and increasing fair to rainy and unsettled.
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> -----
5 ENGLAND SOUTH	NN <sup>W</sup> and N <sup>W</sup> winds, light; dull, rainy; wind backing with finer weather.	WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

12<sup>TH</sup> SEPT<sup>R</sup>

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		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 ...	30.27	41	2	0	6	30.27	+0.4	48	43	+9	SW	2	6	*	52	36	-		
Hernösand ...	30.29	46	NE	2	6	30.32	+0.6	44	43	-6	NNE	2	6	*	59	?	-		
Stockholm ...	30.09	50	E NE	2	2	30.09	+1.7	54	54	+1	E NE	6	2	*	55	48	0.63		
Wisby ...	29.96	57	E	4	C	29.94	+0.9	58	57	-1	E	4	2	*	63	55	0.55		
Bodö ...	30.31	48	SW	2	C	30.28	-0.0	46	44	0	ESE	2	2	1	52	39	-		
Christiansund...	30.19	50	NE	3	6	30.12	-1.1	54	45	+6	E	3	6	2	54	39	-		
† Skudesnaes ...	30.06	62	2	0	6	30.10	+0.6	57	48	-3	E NE	4	6	2	73	?	-		
Örö (Xiansund) ...	30.04	57	N NE	6	0	30.09	+0.7	52	46	-6	NE	8	2	4	59	32	-		
Skagen (The Skaw)	30.03	53	NE	6	2	30.01	+0.9	52	51	-3	NE	5	0	4	57	50	-		
Fanö ...	29.89	58	E NE	2	2	29.89	-0.0	56	56	-2	E NE	4	2	*	61	55	0.02		
Cuxhaven ...	29.85	?	N	3	6	29.84	+0.1	58	58	+1	E	1	60	*	63	54	-		
† Sumburgh Head																			
† Stornoway ...	30.13	51	NE	2	C	30.09	-1.0	53	51	0	WSW	2	60	0	55	40	-		
Wick ...	30.14	52	NW	1	0	30.11	-0.6	50	49	-2	NW	1	0	2	55	49	-		
Nairn ...	30.14	52	2	0	6	30.13	-0.4	48	47	0	2	0	0	1	53	48	-		
† Aberdeen ...	30.12	53	N	3	0	30.11	-0.3	50	49	-2	N	2	0	1	57	49	-		
Leith ...	30.11	55	SW	1	0	30.11	-0.5	52	51	0	SSE	1	2	*	60	48	0.02		
† Shields ...	30.07	52	N NE	5	0	30.06	+0.3	52	51	+1	N NE	2	2	5	53	49	0.14		
Spurn Head ...	30.01	54	NE	5	m	29.95	-0.5	54	53	0	N NE	5	0	4	55	53	0.38		
York ...	30.06	54	N NE	2	0	30.03	-0.3	54	53	+2	N	3	0	6	55	50	0.14		
Nottingham ...	30.09	54	NW	2	2	30.02	-0.2	53	52	-1	NW	1	2	*	60	49	0.08		
† Ardrossan ...	30.11	55	NW	1	6	30.11	-0.4	53	52	+2	NE	1	0	1	58	48	0.01		
† Mullaghmore ...	30.11	55	NW	3	0	30.12	-0.3	51	50	-2	SSE	2	0	2	58	48	-		
Donaghadee ...	30.13	53	NW	1	6	30.11	-0.3	53	53	+1	N NE	3	0	1	55	51	0.02		
Parsonstown ...	30.12	54	2	0	C	30.13	-0.3	49	48	-2	S	1	60	*	57	45	-		
Barrow-in-Furness	30.10	57	NE	3	0	30.04	-0.3	52	52	+3	NE	3	2	1	58	49	0.05		
† Holyhead ...	30.09	58	N NE	2	0	30.08	-0.2	55	55	+1	N NE	2	0	2	56	54	0.01		
Liverpool (Bidston)	30.06	54	N	1	0	30.07	-0.2	53	52	-6	NNW	1	0	1	59	51	-		
† Valentia ...	30.11	56	NNW	3	C	30.15	-0.1	54	50	-1	NNW	1	0	1	61	50	-		
Roche's Point...	30.11	59	N	3	60	30.11	-0.4	53	51	-3	N	3	0	3	65	49	-		
Pembroke ...	30.04	55	N	3	0	30.04	-0.0	55	53	-3	N NE	3	0	1	58	52	-		
† Scilly ...																			
Prawle Point ...	30.04	54	N	2	0	30.08	+0.3	53	52	+1	W	1	0	0	61	51	-		
Hurst Castle ...	29.99	55	NE	3	2	30.03	+0.4	54	53	+1	NE	2	2	2	58	50	0.06		
† Dover ...	29.90	58	N NE	4	60	29.96	+0.9	57	56	+1	NNW	3	6	1	61	56	0.08		
† London ...	29.97	58	N NE	2	0	30.01	+0.3	56	54	+2	NW	2	0	*	59	54	0.05		
Oxford ...	30.02	54	N	2	0	30.02	+0.1	53	52	+2	NNW	2	0	*	57	51	0.01		
Cambridge ...	29.99	55	N	1	0	29.98	-0.0	54	53	+1	NW	1	2	*	60	51	0.02		
† Yarmouth ...	29.94	57	N	2	C	29.91	-0.3	56	55	0	NNW	2	0	2	59	53	0.01		
The Helder ...	29.89	59	N NE	1	60	29.88	0.0	57	56	-3	SW	1	0	1	63	54	-		
Cape Gris Nez ...	29.87	59	N	5	0	29.97	+1.1	57	57	-1	WSW	5	2	3	66	55	0.63		
† Jersey ...	30.03	55	NNW	2	0	30.09	+0.7	57	56	+1	NW	1	0	1	58	53	-		
Brest ...	30.05	57	N	3	0	30.10	+1.0	53	52	-1	N	4	0	2	63	50	-		
Lorient ...	30.02	59	NNW	4	m	30.04	+0.8	54	53	-1	E	1	2	2	63	52	-		
† Rochefort ...	29.98	63	NW	5	0	30.10	+1.3	59	55	+4	NNW	4	0	2	68	52	-		
Biarritz ...	30.04	62	NW	4	C	30.16	+1.9	58	55	+1	SW	3	2	3	64	54	0.24		
Corunna ...	*	*	*	*	*									*	*	*			
Brussels ...	*	*	*	*	*	29.93	+1.0	54	53	-2	SSW	1	0	*	61	51	0.04		
Charleville ...	29.87	59	SSE	3	0	29.80	-0.5	55	53	+3	S	4	0	*	59	52	-		
Paris ...	29.86	59	NW	3	0	30.00	+1.3	57	56	0	2	0	0	*	*	*	0.32		
Lyons ...	30.00	58	NNW	1	2	30.08	+1.4	54	53	+2	SE	1	2	*	67	51	0.09		
Toulon ...	29.92	62	W	4	C	30.08	+2.0	58	52	-2	W	5	6	4	?	55	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.81	49	E NE	3	0	28.83	-0.1	48	48	+1	N NE	2	2	*	51	46	0.04		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	30.00	64	57	NNW	4	60	3	Valentia ...							
Sumburgh Head								Scilly ...							
Stornoway ...								Dover ..							
Aberdeen ...								London ...					*		
Shields ...								Yarmouth ...							
Ardrossan ...								Jersey ...							
Mullaghmore ...								Rochefort ...	29.96	62	59	NW	4	C	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, 13<sup>TH</sup> SEPTEMBER.

1881.

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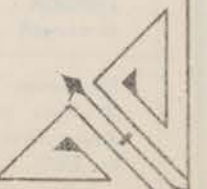

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ROBERT H. SCOTT  
(SECRETARY.)

*Fred<sup>o</sup> Dangerfield, Lith. 21, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on Tuesday 13<sup>th</sup> SEPTEMBER.

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;

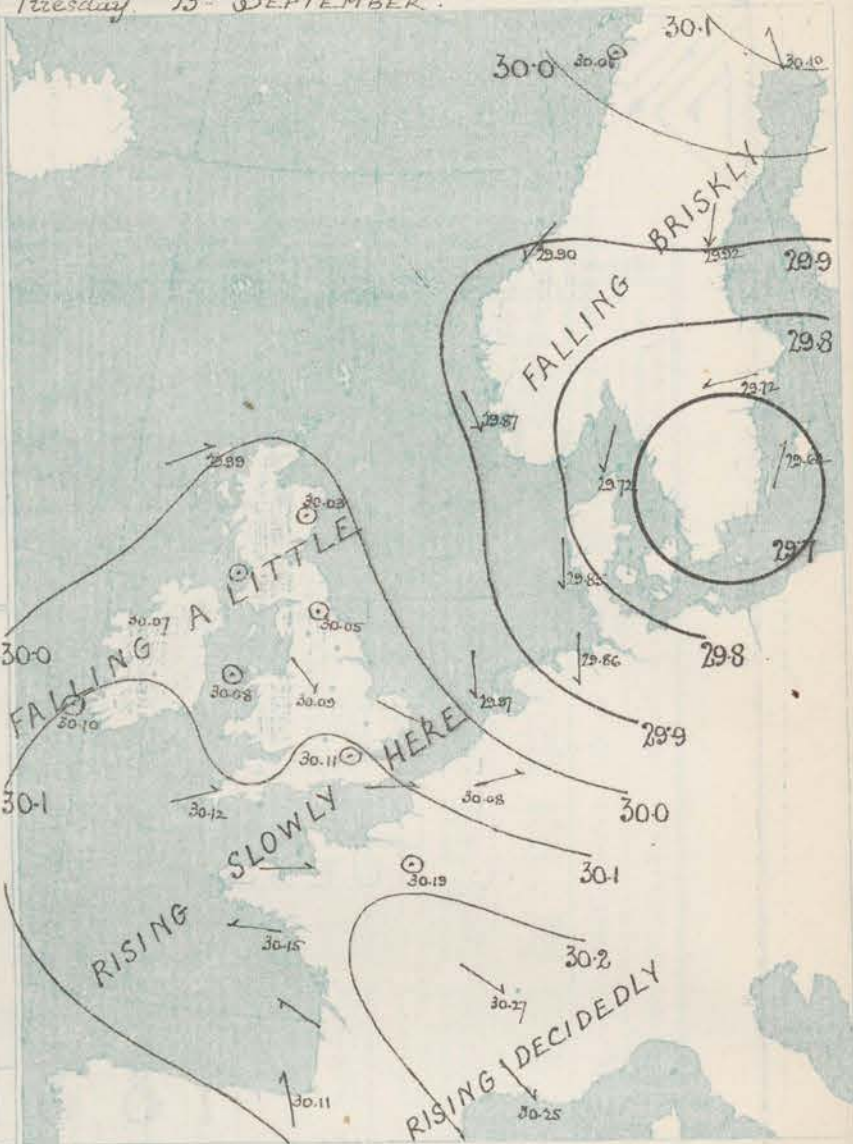
○ - dead calm.

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

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

Stations.	Mean Readings In.
Nairn	29.775
Aberdeen	29.783
Leith	29.814
Scarborough	29.870
Ardrossan	29.888
Greencastle	29.818
Holyhead	29.857
Valentia	29.872
Boche's Pt	29.876
Plymouth	29.934
LONDON	29.937
Yarmouth	29.948

<sup>h</sup> These means are for the 10 years 1868-75. A more complete set of mean values is in course of preparation.





# REMARKS

for TUESDAY 13<sup>th</sup> SEPT<sup>r</sup> 1881 at 8 a.m.

The rise of the barometer which had commenced over France yesterday has continued and extended to the southern half of England during the night, while the slight fall in the N. also continues slowly. Readings have thus become very uniform over the British Isles and France. The wind has consequently become very light and variable; and owing to the continuance of a large amount of dense cloud the changes in temperature are very slight. Rain fell over our north-eastern and eastern districts yesterday; in France, however the sky has become clear, and an E<sup>t</sup> breeze has set in at the western stations. The sea is moderate at Spurn Head, smooth or nearly so elsewhere.

The depression which lay over North Germany and the Netherlands yesterday has in the meantime grown deeper and is moving steadily to the NE<sup>wd</sup>, so that while the wind has backed into N. and NW. on the eastern shores of the North Sea, and is NE<sup>t</sup> in Sweden, it has shifted to SW. at Kirkby.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon  
on the

14<sup>th</sup> SEPTEMBER.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SW <sup>z</sup> winds, light to fresh; fair to unsettled.	6 SCOTLAND WEST	Same as N <sup>o</sup> 0
7 SCOTLAND EAST	Wind drawing gradually into W. and SW. with fair, mild weather.	7 ENGLAND N.W.	Wind gradually shifting to SW <sup>wd</sup> , light; fair.
2 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> -----
3 ENGLAND EAST	Very light breezes, finally becoming SW <sup>z</sup> ; dull to fair and mild.	9 IRELAND NORTH	Wind becoming S <sup>z</sup> and SW <sup>z</sup> light to moderate; fine generally except perhaps in extreme W.
4 MIDLAND COUNTIES	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----	10 IRELAND SOUTH	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
5 ENGLAND SOUTH	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----	WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

13<sup>TH</sup> SEPT

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 15).			Max.	Min.			
Haparanda ...	30.17	44	2	0	4	30.10	- 17	48	43	- 3	2	2	bc	*	54	37	-		
Hernösand ...	30.24	47	NE	4	0	29.91	- 41	48	47	+ 4	NW	6	f	*	57	37	0.04		
Stockholm ...	29.89	57	E	2	2	29.72	- 37	56	56	+ 2	E	2	2	*	57	45	1.26		
Wisby ...	29.85	55	ESE	2	2	29.62	- 32	57	56	- 1	SW	4	2	*	62	54	0.67		
Bodö ...	30.17	48	2	0	2	30.01	- 27	44	43	- 2	2	0	6	0	55	41	-		
Christiansund ...	30.20	53	NW	1	6	29.90	- 22	51	44	- 3	ENE	2	2	2	64	39	-		
†Skudesnaes ...	29.98	55	NNW	4	6	29.87	- 23	56	51	- 1	NW	6	2	3	63	55	-		
Oxö (Xtiansund) ...	29.95	54	NNE	4	0	29.81	- 28	55	51	+ 3	N	2	0	2	55	?	-		
Skagen (The Skaw)	29.86	53	NE	5	2	29.72	- 29	58	53	+ 1	NNE	4	2	3	55	52	0.20		
Fanö ...	29.87	54	NNE	4	2	29.65	- 24	54	53	- 2	N	4	e	*	59	52	-		
Cuxhaven ...	29.80	?	N	1	0	29.66	- 21	60	59	+ 2	N	3	bc	*	61	54	0.09		
†Sumburgh Head																			
†Stornoway ...	30.05	53	W	2	0	29.99	- 10	49	49	- 4	WSW	2	0	1	54	40	-		
Wick ...	30.07	51	2	0	0	30.02	- 09	51	49	+ 1	NW	2	0	2	52	47	-		
Nairn ...	30.06	54	E	1	0	30.01	- 12	52	50	+ 4	2	0	0	1	59	47	-		
†Aberdeen ...	30.07	53	2	0	0	30.03	- 28	51	50	+ 1	2	0	0	0	55	49	-		
Leith ...	30.10	54	E	1	e	30.05	- 06	53	52	+ 1	W	1	0	*	56	50	0.01		
†Shields ...	30.06	52	NNE	3	0	30.05	- 01	51	49	- 1	2	0	0	3	53	49	0.06		
Spurn Head ...	29.99	54	N	4	0	30.06	+ 11	52	52	- 2	NW	3	0	4	55	51	0.30		
York ...	30.05	54	NNW	2	0	30.08	+ 08	52	51	- 1	2	0	0	*	57	49	0.03		
Nottingham ...	30.06	54	NNW	2	0	30.09	+ 07	56	53	+ 2	NW	1	0	*	58	51	0.03		
†Ardrossan ...	30.07	57	NW	1	bc	30.07	- 04	53	51	0	NW	1	0	1	57	49	-		
†Mullaghmore ...	30.09	55	2	0	0	30.07	- 05	52	50	+ 1	?	4	0	3	60	51	0.23		
Donaghadee ...	30.10	54	NNE	2	e	30.08	- 03	53	52	0	NE	1	e	0	56	50	-		
Parsonstown ...	30.10	55	WSW	1	e	30.10	- 03	51	49	+ 2	2	0	0	*	58	48	-		
Barrow-in-Furness	30.07	56	NNW	3	0	30.05	- 02	54	53	+ 1	NNE	2	0	1	60	52	0.02		
†Holyhead ...	30.08	55	SW	2	0	30.08	00	55	55	0	WNW	1	0	0	56	54	-		
Liverpool (Bidston)	30.06	56	NW	1	0	30.07	00	55	53	- 2	W	1	0	1	59	53	-		
†Valentia ...	30.13	55	NW	2	e	30.10	- 05	52	49	- 2	2	0	bc	1	61	45	-		
Roche's Point ...	30.11	54	ESE	3	0	30.11	00	52	50	- 1	NNW	3	bc	3	59	48	-		
Pembroke ...	30.09	55	NNW	2	e	30.08	+ 01	55	53	0	N	1	0	0	59	50	-		
†Scilly ...																			
Prawle Point ...	30.10	57	WNW	2	0	30.13	+ 05	55	53	+ 2	WSW	2	e	2	60	49	-		
Hurst Castle ...	30.03	58	NNW	2	m	30.11	+ 08	55	54	+ 1	NNW	3	0	1	60	52	-		
†Dover ...	30.01	58	W	3	e	30.10	+ 14	55	53	- 2	WNW	2	6	1	62	54	0.02		
†London ...	30.04	56	NW	1	0	30.11	+ 10	55	53	- 1	W	1	0	*	59	51	0.01		
Oxford ...	30.06	54	NNW	1	0	30.10	+ 08	53	53	0	NW	1	0	*	57	53	0.03		
Cambridge ...	30.00	54	NW	1	2	30.08	+ 10	53	53	- 1	NW	1	0	*	57	52	0.15		
†Yarmouth ...	29.93	56	NW	2	0	30.02	+ 12	54	54	- 2	WNW	3	0	3	60	53	0.04		
The Helder ...	29.91	58	WSW	1	e	29.97	+ 09	57	56	0	N	1	0	1	61	55	-		
Cape Gris Nez	30.01	59	WSW	5	0	30.08	+ 11	56	55	+ 1	W	4	0	3	63	55	-		
†Jersey ...	30.14	56	WNW	1	0	30.19	+ 19	58	55	+ 1	W	2	6	2	60	53	0.01		
Brest ...	30.16	58	NW	3	6	30.15	+ 05	54	53	+ 1	SE	3	6	1	63	50	-		
Lorient ...	30.12	58	NW	4	bc	30.15	+ 08	52	51	- 2	E	4	m	2	64	50	-		
†Rochefort ...	30.17	64	NNW	3	m	30.17	+ 07	56	55	- 3	ESE	4	m	1	70	50	-		
Biarritz ...	30.15	67	NE	4	6	30.11	- 05	59	56	+ 1	SEE	4	6	2	68	54	-		
Corunna ...	*	*	*	*	*			*	*					*	*	*			
Brussels ...	*	*	*	*	*	30.08	+ 15	56	55	+ 2	WSW	3	0	*	62	?	0.12		
Charleville ...	30.03	61	SW	3	bc	30.17	+ 37	54	52	- 1	SSW	5	0	*	72	51	0.20		
Paris ...	30.08	58	WSW	3	0	30.19	+ 19	55	53	- 2	2	0	6	*	*	*	0.04		
Lyons ...	30.19	61	SE	1	0	30.27	+ 19	51	50	- 3	NW	1	m	*	66	750	0.04		
Toulon ...	30.17	62	W	4	6	30.25	+ 17	63	55	+ 5	NW	3	6	3	68	57	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.83	54	N	2	0	28.82	- 01	51	50	+ 3	SW	1	0	*	56	46	0.02.		

## HIGH LEVEL STATION.

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

Hawes Junction	28.83	54	N	2	0	28.82	- 01	51	50	+ 3	SW	1	0	56	46	0.02
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.	
Skudeanaes ...	30.04	63	54	NW	4	3	Valentia ...	30.14	57	52	NNW	2	0	3
Sumburgh Head							Scilly ...							
Stornoway ...	30.08	53	52	S	3	3	Dover ..	29.98	60	51	NW	3	e	1
Aberdeen ...	30.09	55	53	NE	1	1	London ...	30.02	59	57	WNW	2	0	*
Shields ...	30.07	52	51	NNE	4	4	Yarmouth ...	29.91	58	57	NNW	2	em	3
Ardrossan ...	30.09	56	54	NW	1	1	Jersey ...	30.12	58	56	WNW	1	0	1
Mullaghmore ...	30.12	57	53	2	0	0	Rochefort ...	30.17	70	61	NNW	1	m	0
Holyhead ...	30.07	56	56	NNW	3	2	Ben Nevis (7406 ft.) Sun. on 12th.	25.59	42	41	NNW	2	0	11.30

Hardly any change has occurred since the morning, but the fall of the barometer in the N. and the rise in the S. both proceed slowly. Rain has been falling at times in London during the morning.

## EXPLANATION OF COLUMNS.

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



# DAILY WEATHER REPORT

FOR

WEDNESDAY, 14<sup>TH</sup> SEPTEMBER.

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 14<sup>th</sup> SEPTEMBER 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.

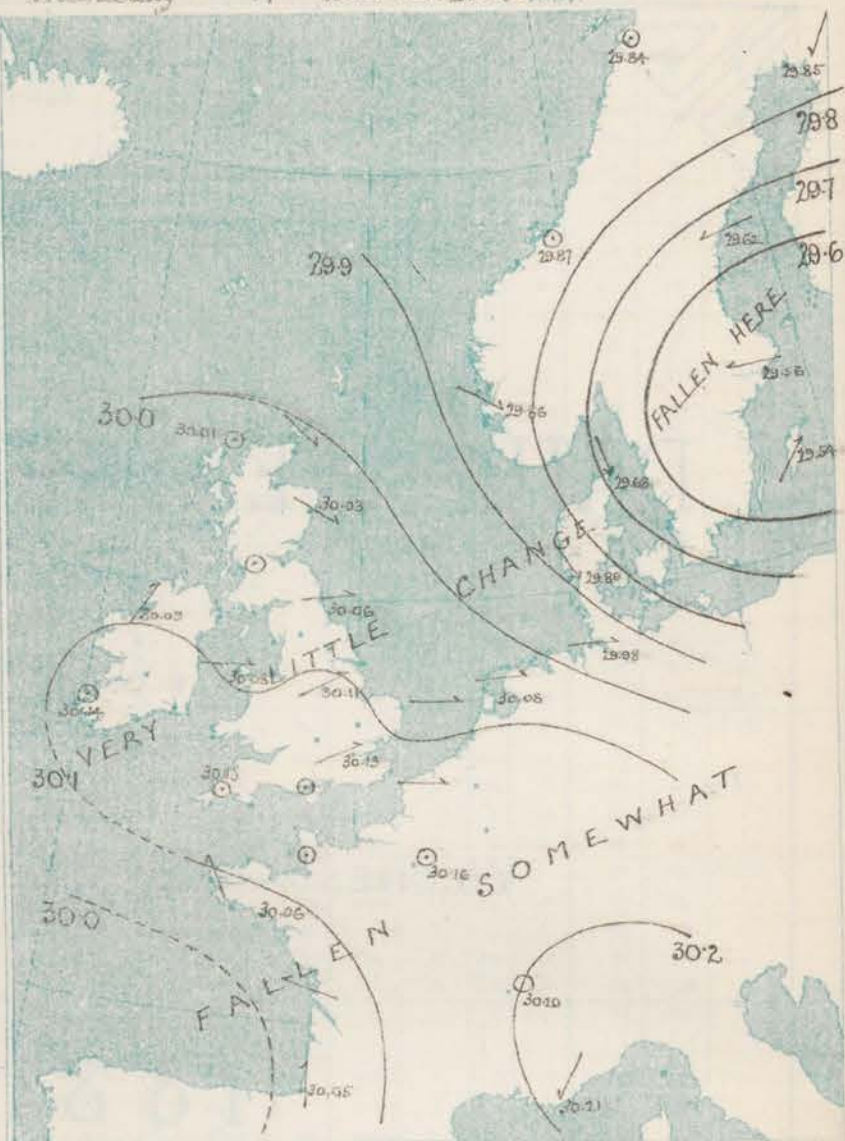
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
 ——— forces above 10; ——— forces 8 to 10  
 ——— forces 5 to 7; ——— forces 1 to 4;  
 ○ = dead calm.

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

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

Stations.	Mean Readings in.
Nairn	29.775
Aberdeen	29.789
Leith	29.814
Scarborough	29.870
Ardrossan	29.828
Greenock	29.818
Holyhead	29.857
Valentia	29.872
Roches Pt.	29.875
Plymouth	29.933
LONDON	29.937
Varmouth	29.948

\*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.

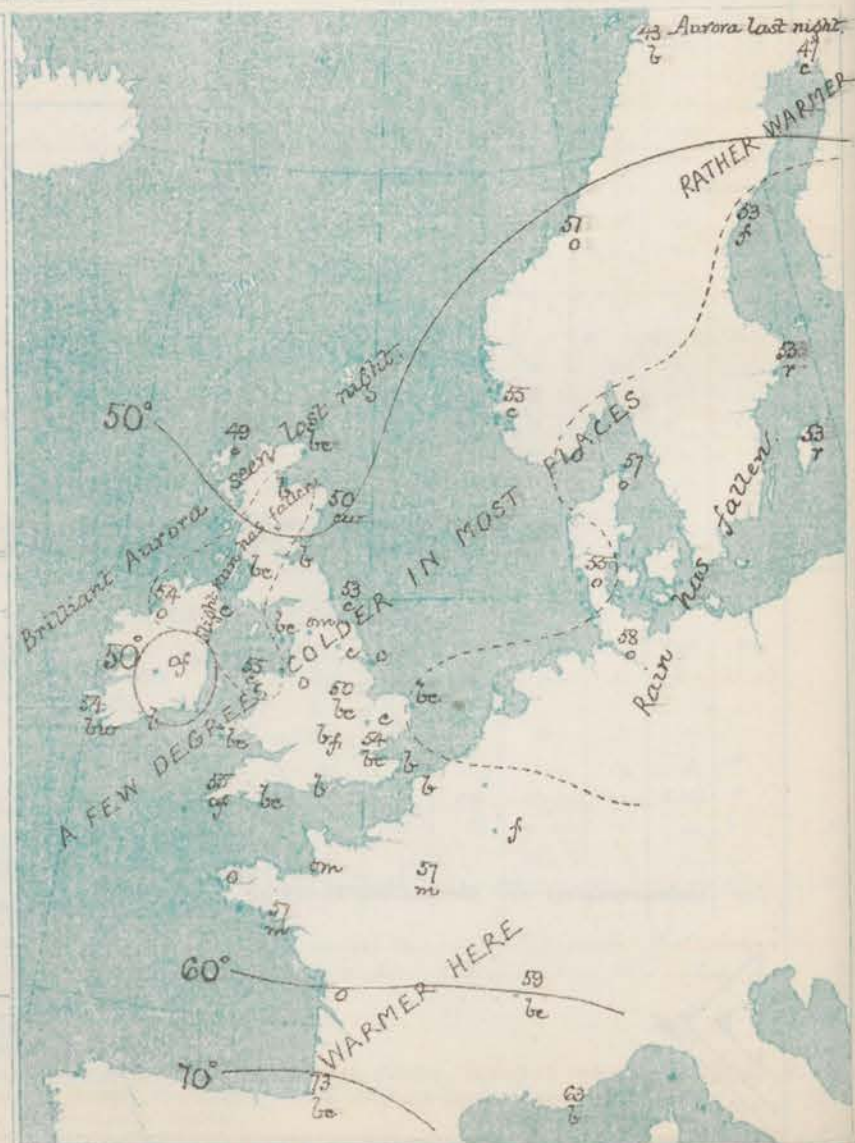
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

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

Stations	Temp.	Rain-fall in.
Sumburgh Head	55.3	2.14
Sornoway	55.4	1.54
Aberdeen	55.5	3.58
Stirling	55.8	2.81
York	56.0	3.12
Shillaghmore	56.2	?
Holyhead	57.0	3.54
Parsonstown	57.8	3.68
Valentia	56.9	5.19
Sally (St Mary's)	59.2	4.61
Hurst Castle	59.3	?
Dover	59.5	3.10
LONDON	59.2	2.71
Varmouth	58.7	3.07

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





# REMARKS

for WEDNESDAY 14<sup>TH</sup> SEPT<sup>R</sup> 1881 at 8 a.m.

In the course of the past twenty four hours barometric pressure has changed very little over our Islands, but has begun to decrease somewhat over France and the Bay of Biscay. The present readings vary from 30.2 ins. in the south of France, and about 30.13 ins. over our southern districts to about 30.0 ins. on our north coast and to 29.55 ins. in the south-east of Sweden. The gradient over the British Isles and France are consequently very slight; and while variable W<sup>ly</sup> airs prevail over all the northern and eastern part of these Islands. N<sup>ly</sup> and E<sup>ly</sup> airs are appearing in the south-west and south, the weather being fine generally. Over the Bay of Biscay the wind is SE<sup>ly</sup> and S<sup>ly</sup>, and the sky is overcast. Temperature has fallen a few degrees over the United Kingdom during the night, and readings range from 47° at Nairn to between 55° and 57° on our southern coast. At Biarritz, however, the thermometer has risen rapidly, and now stands at 73°. The sea is smooth or slight on all our coast. Brilliant Aurora was seen at the Irish and Scotch stations last night, and earth currents were reported from Aberdeen and Roche Point.

MAP SHOWING DISTRICTS.



## FORECASTS

for the 24 hours ending at Noon  
on the  
15<sup>TH</sup> SEPTEMBER.

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

1 SCOTLAND  
NORTH

NW<sup>ly</sup> airs and calms; fair generally,  
cold inland at night.

6 SCOTLAND  
WEST

Variable airs and SW<sup>ly</sup> breezes, light;  
fair generally.

2 SCOTLAND  
EAST

-----D°-----D°-----D°-----

7 ENGLAND  
N.W.

-----D°-----D°-----D°-----

3 ENGLAND  
N.E.

-----D°-----D°-----D°-----

8 ENGLAND  
S.W.

NE<sup>ly</sup> and E<sup>ly</sup> breezes, light to moderate;  
fair generally.

4 ENGLAND  
EAST

W<sup>ly</sup> and SW<sup>ly</sup> breezes, very light; fine,  
foggy and cold inland at night.

9 IRELAND  
NORTH

Same as Nos 6 and 7

5 MIDLAND  
COUNTIES

-----D°-----D°-----D°-----

10 IRELAND  
SOUTH

E<sup>ly</sup> breezes, light; fine.

6 ENGLAND  
SOUTH

Very variable airs; finally E<sup>ly</sup>; fine  
generally, cold at night.

### WARNINGS

None Issued.



# METEOROLOGICAL OBSERVATIONS FOR

14<sup>th</sup> SEPT. 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 3).	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 ...	29.88	45	Z	0	b	29.85	- 28	47	43	+ 2	NE	2	c	*	55	36	-		
Hernösand ...	29.76	52	NE	6	o	29.62	- 29	53	52	+ 5	ENE	4	h	*	54	45	0.67		
Stockholm ...	29.54	55	SW	2	h	29.56	- 16	53	52	- 3	E	2	h	*	57	?	0.20		
Wisby ...	29.60	55	WSW	4	o	29.54	- 08	53	53	- 4	WSW	4	h	*	59	?	0.28		
Bodö ...	29.88	50	Z	0	b	29.84	- 17	43	42	- 1	?	1	b	0	55	41	-		
Christiansund...	29.82	51	NNE	3	o	29.87	- 03	51	49	- 0	ENE	1	o	2	57	41	-		
†Skudesnaes ...	29.84	56	WNW	6	h	29.86	- 01	53	51	- 1	WNW	4	c	3	57	54	-		
Oxö (Xiänsund) ...	29.73	55	W	4	h	29.74	- 07	57	50	+ 2	NW	4	o	2	61	54	0.04		
Skagen (The Skaw)	29.61	55	NNW	4	h	29.68	- 04	57	54	+ 4	NNW	5	o	5	?	50	0.24		
Fanö ...	29.92	55	WNW	6	c	29.89	+ 04	55	52	+ 1	NW	6	o	*	61	52	-		
Cuxhaven ...	29.97	?	NNW	4	o	29.98	+ 12	58	55	- 2	W	4	o	*	61	54	0.04		
†Sumburgh Head																			
†Stornoway ...	29.99	50	NNW	1	e	30.01	+ 02	49	48	- 0	Z	0	c	0	55	41	-		
Wick ...	29.84	52	NW	2	c	30.02	- 00	48	48	- 3	NW	1	bc	2	55	36	-		
Nairn ...	29.99	52	Z	0	h	30.03	+ 02	47	43	- 5	Z	0	b	30	56	44	0.01		
†Aberdeen ...	30.01	54	S	1	o	30.03	- 00	50	49	- 1	WNW	1	bc	1	57	45	-		
Leith ...	30.03	56	W	1	c	30.05	- 00	52	50	- 1	W	1	b	*	60	48	-		
†Shields ...	30.03	54	Z	0	h	30.06	+ 01	53	51	+ 2	W	1	o	3	57	47	0.02		
Spurn Head ...	30.07	54	SSE	1	o	30.07	+ 01	54	53	+ 2	W	2	b	2	58	52	-		
York ...	30.06	58	WSW	1	o	30.08	- 00	53	52	+ 1	W	1	o	*	62	45	-		
Nottingham ...	30.07	56	WSW	1	o	30.11	+ 02	50	49	- 5	WSW	2	bc	*	69	45	-		
†Ardrossan ...	30.05	55	WSW	1	o	30.05	- 02	55	52	+ 2	SSW	1	bc	1	57	46	0.32		
†Mullaghmore ...	30.07	56	NNE	3	c	30.09	+ 02	54	52	+ 2	SW	2	o	2	58	50	0.02		
Donaghadee ...	30.07	54	Z	0	c	30.09	+ 01	52	51	- 1	WSW	2	c	0	58	46	0.01		
Parsonstown ...	30.08	56	Z	0	c	30.14	+ 04	45	44	- 6	Z	0	cf	*	58	41	-		
Barrow-in-Furness	30.08	58	W	2	bc	30.08	+ 03	55	54	+ 1	SSW	2	bc	2	60	53	-		
†Holyhead ...	30.08	56	W	1	c	30.08	- 00	55	54	- 0	W	2	c	1	59	54	0.08		
Liverpool (Bidston)	30.07	55	WNW	1	o	30.10	+ 03	52	50	- 3	S	1	o	1	59	49	-		
†Valentia ...	30.08	57	W	2	bc	30.14	+ 04	54	51	+ 2	?	1	bc	1	64	43	-		
Roche's Point...	30.10	58	W	2	bc	30.13	+ 02	50	48	- 2	N	3	b	8	62	46	-		
Pembroke ...	30.09	57	WNW	1	bc	30.11	+ 03	57	55	+ 2	E	1	bc	0	61	53	-		
†Scilly ...																			
Prawle Point ...	30.12	56	SW	2	c	30.13	- 00	56	55	+ 1	N	1	bc	1	61	49	-		
Hurst Castle ...	30.12	59	W	3	c	30.13	+ 02	57	55	+ 2	ENE	1	b	1	64	50	-		
†Dover ...	30.12	59	SW	3	b	30.12	+ 02	59	56	+ 4	W	3	b	1	60	53	-		
†London ...	30.10	60	WSW	1	e	30.13	+ 01	54	52	- 1	WSW	2	bc	*	67	47	-		
Oxford ...	30.10	54	S	1	m	30.14	+ 04	47	47	- 6	WSW	1	bf	*	64	47	-		
Cambridge ...	30.08	57	SW	1	o	30.10	+ 02	53	53	- 0	SW	1	c	*	62	47	-		
†Yarmouth ...	30.09	55	N	1	c	30.09	+ 06	54	53	- 0	W	1	bc	3	59	49	0.09		
The Helder ...	30.08	57	NW	1	o	30.08	+ 11	58	55	+ 1	W	2	b	1	61	57	0.08		
Cape Gris Nez ...	30.12	59	WSW	3	b	30.13	+ 05	57	56	+ 1	W	3	b	2	64	54	-		
†Jersey ...	30.19	58	NE	1	bc	30.15	+ 04	58	57	- 0	ENE	1	om	1	62	55	-		
Brest ...	30.11	60	N	3	c	30.08	- 07	57	56	+ 3	SSE	3	o	2	66	54	0.12		
Lorient ...	30.09	62	SE	3	bc	30.06	- 09	57	55	+ 5	ENE	4	m	2	64	50	-		
†Rochefort ...	30.08	75	NE	1	bc	30.06	- 11	60	58	+ 4	ESE	3	o	2	82	52	-		
Biarritz ...	30.03	73	S	1	c	30.05	- 06	73	58	+ 14	S	4	bc	2	82	59	-		
Corunna ...	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Brussels ...	*	*	*	*	*			*	*	*	*	*	*	*	*	*	*		
Charleville ...	30.15	59	S	3	bc	30.15	- 02	49	47	- 5	S	4	f	*	73	47	-		
Paris ...	30.18	60	Z	0	b	30.16	- 03	57	55	+ 2	Z	0	m	*	*	*	-		
Lyons ...	30.19	65	SE	1	c	30.20	- 07	59	55	+ 8	SE	1	bc	*	?	?	-		
Toulon ...	30.29	64	W	1	b	30.21	- 04	63	61	- 0	NE	1	b	1	72	59	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.83	53	SW	1	c	28.84	+ 02	50	49	- 1	SW	1	om	*	56	46	-		

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

Hawes Junction	28.80	53	SW	1	c		28.84	+ 02	50	49	- 1	SW	1	om	*	56	46	-
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.



	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.88	57	53	wnw	6	0	h	Valentia ...	30.10	62	54	2	0	c	1
Sumburgh Head ...								Scilly ...							
Stornoway ...	29.99	58	52	nw	3	c	2	Dover ..	30.13	59	57	nw	3	bc	1
Aberdeen ...	30.01	56	53	s	1	0	1	London ...	30.12	63	58	w	1	c	*
Shields ...	30.04	56	53	ene	1	om	3	Yarmouth ...	30.09	56	56	n	2	h	3
Ardrossan ...	30.07	57	54	nw	1	0	1	Jersey ...	30.20	62	57	sw	1	b	1
Mullaghmore ...	30.09	56	54	nw	1	0	2	Rochefort ...	30.13	82	67	e	8	bc	1
Holyhead ...	30.09	58	56	wnw	2	c	1	Ben Davis (4406 ft.) San. on 13th.	25.51	36	36	nw	3	0	Max Min Rain 49 34 -

Notwithstanding the improvement noticed in the weather over France and the S. of England today there appears to be reason for fearing that the conditions are by no means settled. The barometer is now falling over the Bay of Biscay with E<sup>2</sup> and SE<sup>2</sup> winds, which seems to indicate that a depression is approaching our SW<sup>2</sup> and S<sup>2</sup> coasts from the SW<sup>2</sup>.

## 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

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

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

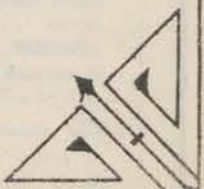
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ROBERT H. SCOTT  
(SECRETARY.)



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



# WEATHER CHARTS

for 8 a.m. on Thursday, 15<sup>th</sup> SEPTEMBER 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;

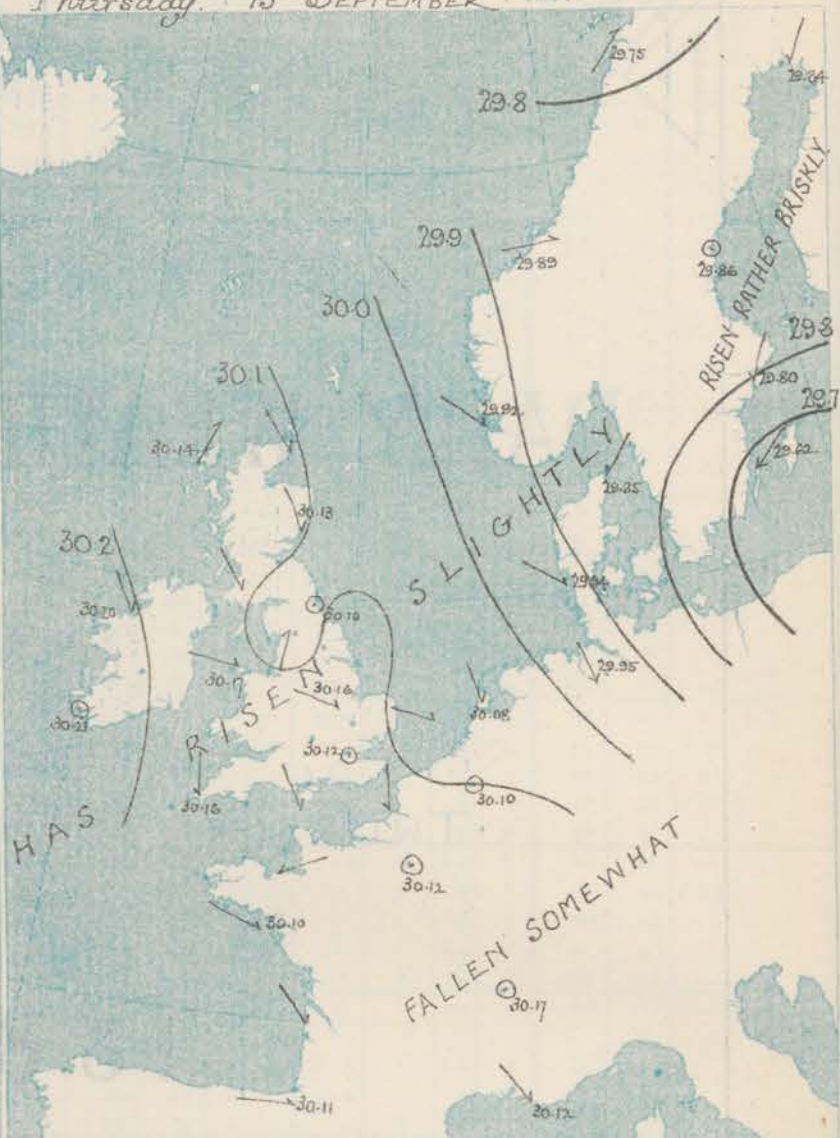
○ = dead calm.

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

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

Stations.	Mean Readings
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrossan	29.928
Greencastle	29.818
Holyhead	29.857
Valentia	29.872
Roch's Pt.	29.875
Plymouth	29.935
LONDON	29.937
Yarmouth	29.918

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





# REMARKS

for Thursday 15<sup>th</sup> Sept. 1881 at 8 a.m.

In the course of the past 24 hours barometric pressure has changed very little, either over our Islands or France, so that, on the whole, readings are still very uniform. There is, nevertheless, an extremely shallow local depression shown over the north of England this morning, and another off our SE. coast, the motion of which is apparently SE<sup>+</sup>. Temperature is, in most places, slightly higher than it was at 8 a.m. yesterday. It rose to between 64° and 68° over the inland part of England yesterday afternoon, but fell quickly as the evening came on, and went as low as 42° at York, 44° at Cambridge, 45° at Oxford and 47° in London during the night. Very light and variable N<sup>+</sup> to NW<sup>+</sup> airs prevail over the United Kingdom today, but at Stomoway S<sup>+</sup> airs have set in this morning. The sky is still very cloudy in Scotland. At almost all the English stations it is clear, but in London it is dull and a slight fall of rain has commenced. The sea is very smooth.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

16<sup>th</sup> SEPT<sup>r</sup>

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

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH	SW <sup>+</sup> airs or light breezes; cloudy, some rain.
2 SCOTLAND EAST	Variable or NW <sup>+</sup> airs; changeable.
3 ENGLAND NE	----- D° ----- D° -----
4 ENGLAND EAST	Variable or N <sup>+</sup> airs; changeable, local mists.
5 MIDLAND COUNTIES	----- D° ----- D° ----- D° -----
6 ENGLAND SOUTH	----- D° ----- D° ----- D° -----

## DISTRICTS

## FORECASTS

6 SCOTLAND WEST	Variable airs; fair to unsettled.
7 ENGLAND N.W.	NW <sup>+</sup> breezes, light; fair generally.
8 ENGLAND S.W.	N <sup>+</sup> breezes, light; fine.
9 IRELAND NORTH	Same as N°7.
10 IRELAND SOUTH	Same as N°8.
WARNINGS	None issued.



# METEOROLOGICAL OBSERVATIONS FOR

15<sup>TH</sup> SEPT<sup>R</sup>

1881.

+ YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.84	43	Z	0	b	29.84	- 0.1	45	43	- 2	NE	2	0	*	59	43	-		
Hernösand ...	29.82	52	E NE	2	0	29.86	+ 2.4	53	52	0	Z	0	0	*	55	48	-		
Stockholm ...	29.70	52	E	2	0	29.80	+ 2.4	51	50	- 2	NE	2	0	*	57	50	0.04		
Wisby ...	29.54	54	E NE	2	0	29.62	+ 0.8	55	54	+ 2	E NE	6	2	*	59	52	0.08		
Bodö ...	29.86	50	SW	2	c	29.75	- 0.9	49	46	+ 6	SW	4	c	3	55	?	-		
Christiansund...	29.89	51	NW	1	0	29.89	+ 0.2	49	48	- 2	WSW	3	f	2	52	39	0.12		
†Skudesnaes ...	29.90	54	NNW	2	0	29.92	+ 0.6	54	52	- 1	NNW	1	0	2	55	54	-		
Oxö (Xiänsund) ...	29.81	58	WSW	1	c	29.86	+ 1.2	57	54	0	NNW	2	c	1	63	55	-		
Skagen (The Skaw)	29.80	57	NNE	3	0	29.85	+ 1.7	57	56	0	NE	2	0	0	61	51	-		
Fanö ...	29.94	55	NW	6	0	29.94	+ 0.5	55	52	0	NNW	4	c	*	57	52	-		
Cuxhaven ...	29.96	63	NNW	5	0	29.95	- 0.3	58	56	0	NNW	6	0	*	59	55	-		
†Sumburgh Head																			
†Stornoway ...	30.09	50	N	1	0	30.14	+ 1.3	50	49	+ 1	SSW	1	0	1	53	45	-		
Wick ...	30.07	50	NW	1	0	30.11	+ 0.9	49	49	+ 1	NW	2	0	3	55	45	0.05		
Nairn ...	30.05	56	Z	0	b	30.13	+ 1.0	49	47	+ 2	Z	0	0	1	55	47	-		
†Aberdeen ...	30.07	54	Z	0	c	30.13	+ 1.0	51	48	+ 1	NNW	2	c	1	56	42	-		
Leith ...	30.07	56	W	1	c	30.09	+ 0.4	50	49	- 2	W	1	cm	*	61	47	-		
†Shields ...	30.06	54	SE	1	c	30.10	+ 0.4	52	51	- 1	N	1	cm	2	58	47	-		
Spurn Head ...	30.08	57	ESE	1	0	30.12	+ 0.5	51	50	- 3	NW	3	c	2	61	50	-		
York ...	30.09	56	N	2	b	30.12	+ 0.4	49	48	- 4	NNW	1	c	*	65	42	-		
Nottingham ...	30.19	55	W	1	c	30.16	+ 0.5	54	52	+ 4	NNW	2	b	*	67	48	-		
†Ardrossan ...	30.07	55	SSW	2	0	30.15	+ 1.0	52	49	- 3	NNW	1	b	1	57	47	-		
†Mullaghmore ...	30.10	53	W	3	b	30.20	+ 1.1	51	50	- 3	NNW	1	0	2	60	49	0.01		
Donaghadee ...	30.10	53	NW	1	b	30.16	+ 0.7	52	52	0	NW	2	c	0	58	49	0.08		
Parsonstown ...	30.13	58	NW	1	c	30.21	+ 0.7	49	45	+ 4	NNW	1	0	*	63	44	-		
Barrow-in-Furness	30.10	56	NNW	2	b	30.08	- 0.0	51	50	- 4	NE	2	c	1	61	50	-		
†Holyhead ...	30.13	55	WSW	1	b	30.17	+ 0.9	54	51	- 1	NNW	2	0	1	57	53	-		
Liverpool (Bidston)	30.10	55	NNW	1	c	30.14	+ 0.4	52	48	0	W	1	b	1	60	51	-		
†Valentia ...	30.15	56	NNW	3	b	30.21	+ 0.7	52	51	- 2	Z	0	cm	1	63	44	-		
Roche's Point...	30.16	58	SSW	1	b	30.21	+ 0.8	53	51	+ 3	N	2	b	3	62	46	-		
Pembroke ...	30.11	56	N	1	b	30.14	+ 0.3	56	54	- 1	N	1	b	0	62	48	-		
†Scilly ...																			
Prawle Point ...	30.12	58	E NE	2	0	30.13	0.0	60	56	+ 4	N	2	b	1	64	53	-		
Hurst Castle ...	30.12	60	SW	3	c	30.11	- 0.2	56	55	- 1	NNW	1	b	1	65	53	0.01		
†Dover ...	30.01	59	SW	3	b	30.11	- 0.1	57	55	- 2	N	1	b	0	62	54	-		
†London ...	30.11	60	NNW	1	b	30.12	- 0.1	55	54	+ 1	Z	0	af	*	68	47	-		
Oxford ...	30.10	56	Z	0	b	30.12	- 0.2	51	50	+ 4	Z	0	b	*	65	45	-		
Cambridge ...	30.10	57	W	1	b	30.13	+ 0.3	52	51	- 1	NNW	1	0	*	64	44	-		
†Yarmouth ...	30.09	58	Z	0	b	30.10	+ 0.1	53	52	- 1	NNW	1	cm	2	62	47	-		
The Helder ...	30.07	59	NNW	1	b	30.08	0.0	57	54	- 1	NNW	1	b	1	63	55	-		
Cape Gris Nez ...	30.11	61	SW	1	b	30.11	- 0.2	56	55	- 1	E	1	h	0	66	55	0.08		
†Jersey ...	30.14	62	Z	0	c	30.12	- 0.3	62	59	+ 4	E NE	2	b	2	64	56	-		
Brest ...	30.08	64	Z	0	0	30.11	+ 0.3	60	60	+ 3	Z	0	m	3	66	57	0.16		
Lorient ...	30.08	63	?	1	m	30.10	+ 0.4	60	59	+ 3	NNW	1	0	1	64	55	-		
†Rochefort ...	30.08	70	NW	1	c	30.11	+ 0.5	66	64	+ 6	NW	4	b	2	84	55	-		
Biarritz ...	30.06	72	NE	4	b	30.11	+ 0.6	64	61	- 9	W	3	c	2	86	59	-		
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	30.10	- 0.5	55	54	0	Z	0	0	*	66	50	-		
Charleville ...	30.07	61	SW	3	b	?	?	52	49	+ 3	SSW	3	c	*	75	47	-		
Paris ...	30.06	63	NNE	1	b	30.12	- 0.4	60	58	+ 3	Z	0	m	*	*	*	-		
Lyons ...	30.16	68	SE	1	c	30.17	- 0.3	57	54	- 2	S	1	m	*	75	54	-		
Toulon ...	30.16	65	W	5	b	30.12	- 0.9	66	59	+ 3	NW	5	b	3	73	61	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.84	53	SSW	1	b	28.89	+ 0.5	49	47	- 1	SSW	1	b	*	65	38	-		

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudesnaes ...	29.89	54	52	WNW	4	2	3	Valentia ...	30.14	62	55	NNE	3	6	4
Sumburgh Head								Scilly ...							
Stornoway ...	30.08	52	50	SE	1	0	0	Dover ..	30.12	62	59	WSW	3	6	1
Aberdeen ...	30.05	55	51	E NE	1	0	0	London ...	30.12	63	58	NW	2	6	*
Shields ...	30.07	56	54	SE	1	0	2	Yarmouth ...	30.09	60	58	NNE	2	cm	3
Ardrossan ...	30.07	56	53	SSW	3	c	2	Jersey ...	30.15	62	59	E	1	0	1
Mullaghmore ...	30.11	54	52	WNW	4	0	3	Rochefort ...	30.08	82	70	SSW	1	0	1
Holyhead...	30.14	57	54	WNW	2	c	2	Ben Nevis (4406 ft.) 3 a.m. on 14th.	25.50	35	35	SW	2	6	Max 37 Min 31 9.15

Scarcely any change has occurred in the distribution of pressure over our Islands and France. Very light and variable breezes are prevalent — chiefly SW in the SW — and the weather is fine over Ireland and England, dull in Scotland. The sea has risen slightly on our SW coasts.

## EXPLANATION OF COLUMNS.

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



# DAILY WEATHER REPORT

FOR

FRIDAY, 16<sup>TH</sup> SEPTEMBER.

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, 16<sup>th</sup> SEPTEMBER, 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.

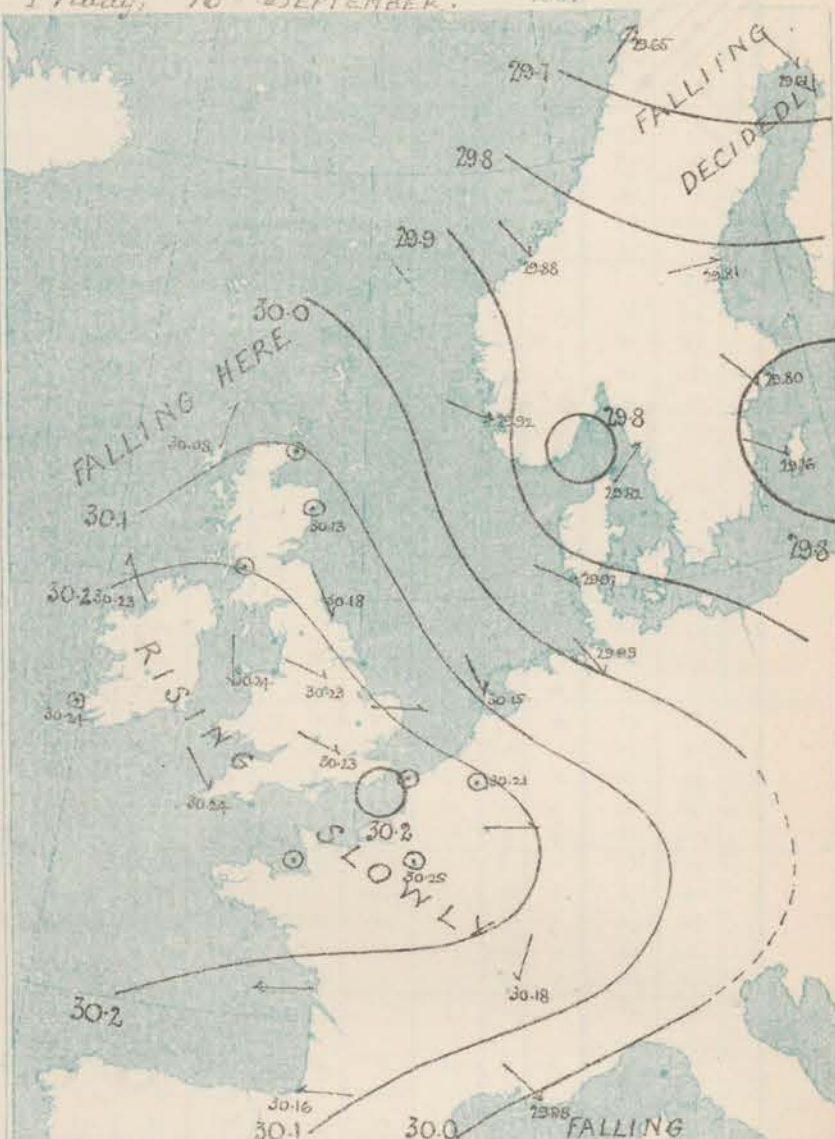
**Wind.** Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
 — forces above 10; — forces 6 to 10  
 — forces 5 to 7; — forces 1 to 4.  
 ○ = dead calm.

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

### MEAN HEIGHT of the BAROMETER for the month of September

Stations.	Mean Readings in.
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Brimscom	29.875
Greenacastle	29.878
Holyhead	29.857
Valentia	29.872
Roche's Pt.	29.855
Plymouth	29.933
LONDON	29.947
Vermouth	29.918

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.

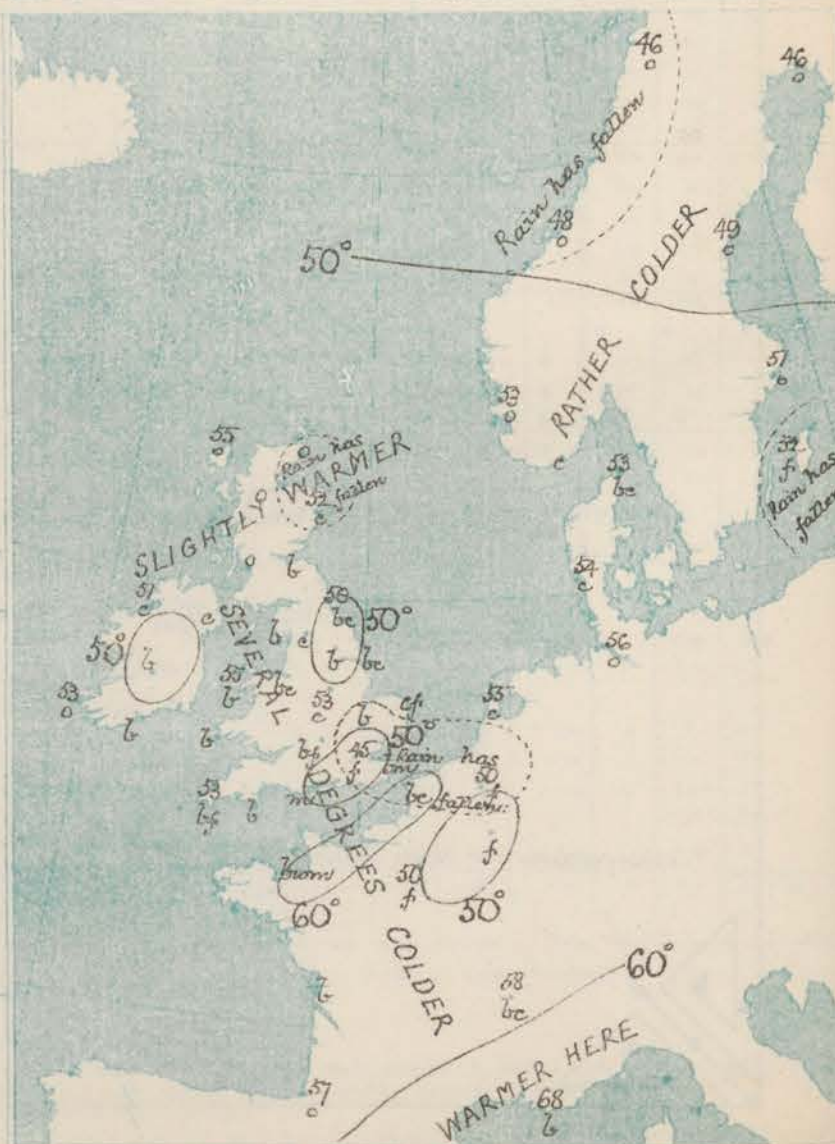
**Rainfall.** A dotted line separates the districts in which rain has fallen from those where there has been none.

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

### MEANS OF TEMPERATURE AND RAINFALL for the month of September

Stations	Temp.	Rain-fall
Sumburgh Head	52.3	2.14
Suttonby	52.4	1.84
Aberdeen	52.5	3.50
Shetland	53.8	7.81
Kirk	56.6	3.12
Mullaghmore	55.2	2
Holyhead	57.0	3.54
Rossmore	55.8	3.68
Valentia	56.4	5.19
Sally (St Mary's)	59.7	4.11
Hurst Castle	59.3	2
Dover	59.5	3.00
LONDON	59.2	2.71
Vermouth	58.7	3.07

\*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 16<sup>th</sup> SEPTEMBER 1881 at 8 a.m.

In the course of the past night the barometer has fallen somewhat decidedly over the northern part of Scandinavia, and the change appears to be extending slowly to our own N- and NW- districts; elsewhere the mercury has risen. Readings are uniformly high over Ireland, England and France, while slight gradients for NW- winds prevail over the North Sea.

Temperature is a good deal lower over England and Ireland than it was yesterday. The changes which have occurred during the day have been considerable, maxima of 64° to 67° having been recorded over England, while in the night the thermometer has been as low as 40° to 41°. In Central Ireland the minimum was 38°. An E<sup>ly</sup> breeze still holds in the SW. of France, but variable airs (chiefly from NW.) and calms prevail over the greater part of our Islands; in the extreme NW. however, the wind has backed to the S<sup>th</sup>, but is at present light in force. Slight rain fell yesterday over our SE- counties, and a little in the far N. last evening. The weather is now fine in most places, but fogs prevail locally over the S- half of England, while in Scotland the sky is overcast. The sea is smooth.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

17<sup>th</sup> SEPT<sup>r</sup>

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>ly</sup> and SW <sup>ly</sup> breezes, freshening considerably; cloudy, some rain.	6 SCOTLAND WEST	Same as N <sup>o</sup> 1
2 SCOTLAND EAST	Wind backing to the SW <sup>ly</sup> , moderate or light; fair generally.	7 ENGLAND N. W.	Calms and SW <sup>ly</sup> (S to W) breezes, light to moderate; fair.
3 ENGLAND N. E.	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----	8 ENGLAND S. W.	Variable airs and calms; fine weather.
4 ENGLAND EAST	W <sup>ly</sup> and SW <sup>ly</sup> winds, light, very fine, but fogs locally over our S <sup>m</sup> counties.	9 IRELAND NORTH	Same as N <sup>o</sup> 7
5 MIDLAND COUNTIES	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----	10 IRELAND SOUTH	Same as N <sup>o</sup> 3 to 5.
6 ENGLAND SOUTH	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----	WARNINGS	NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR

16<sup>TH</sup> SEPT<sup>R</sup> 1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sec. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.65	50	SE	2	0	29.61	- .23	46	44	+ 1	NNW	4	0	*	54	41	-		
Hernösand ...	29.79	49	Z	0	6	29.81	- .05	49	46	- 3	W	2	0	*	62	46	-		
Stockholm ...	29.81	56	WSW	2	0	29.80	- .00	51	50	- 1	NNW	2	0	*	61	50	-		
Wisby ...	29.73	53	NE	4	6	29.76	+ .14	52	52	- 3	NNW	2	2	*	59	52	0.08		
Bodö ...	29.69	48	SW	6	0	29.65	- .10	46	42	- 4	WSW	6	0	*	54	42	0.16		
Christiansund ...	29.91	49	W	4	0	29.88	- .01	48	45	- 3	NNW	3	0	5	52	37	0.20		
† Skudesnaes ...	29.95	52	NNW	2	2	29.92	- .02	53	50	- 3	WNW	5	0	4	?	52	-		
Oxö (Xiänsund) ...	29.84	56	SW	4	6	29.78	- .08	52	50	- 2	W	4	0	2	61	48	-		
Skagen (The Skaw) ...	29.87	55	WSW	2	6c	29.82	- .05	53	52	- 1	WSW	4	6c	3	63	50	-		
Fanö ...	29.99	53	WNW	4	c	29.97	+ .02	54	52	- 2	WNW	4	2	*	59	50	-		
Cuxhaven ...	29.97	62	NNW	5	6c	29.99	+ .04	56	52	- 4	NNW	4	0	*	?	52	-		
† Sumburgh Head ...	30.14	52	NW	1	c	30.08	- .06	55	54	+ 1	SSW	4	0	3	55	49	-		
† Stornoway ...	30.10	50	NW	2	c	30.10	- .01	57	50	+ 7	Z	0	0	1	56	47	0.10		
Wick ...	30.15	53	WNW	1	A	30.12	- .01	53	51	+ 2	WNW	1	0	1	55	48	0.03		
Nairn ...	30.13	54	NNW	3	0	30.13	- .00	52	50	+ 2	Z	0	c	1	56	42	-		
† Aberdeen ...	30.12	57	WSW	1	6c	30.17	+ .05	52	51	+ 1	NNW	1	6	*	65	45	-		
Leith ...	30.13	53	E	2	c	30.18	+ .05	50	47	- 3	NNW	2	6c	2	56	44	-		
† Shields ...	30.14	54	E	1	6c	30.19	+ .05	50	54	+ 4	WNW	3	6c	3	58	49	-		
Spurn Head ...	30.14	56	S	1	6c	30.19	+ .05	47	46	- 1	WNW	1	6	*	64	42	-		
York ...	30.16	54	WNW	1	c	30.23	+ .07	53	51	- 2	WNW	2	c	*	66	40	-		
Nottingham ...	30.17	55	WNW	4	6	30.20	+ .03	54	53	+ 1	SW	1	0	1	60	48	-		
† Ardrossan ...	30.24	54	N	2	a	30.23	+ .03	51	49	- 2	SSE	1	c	1	57	49	-		
† Mullaghmore ...	30.22	54	NNE	3	6c	30.24	+ .02	52	51	- 1	W	2	c	0	57	47	-		
Donaghadee ...	30.24	55	NNW	1	6c	30.27	+ .03	43	42	- 1	Z	0	6	*	57	38	-		
Parsonstown ...	30.17	56	NW	3	6	30.22	+ .14	50	49	- 1	NNW	3	6	2	61	48	-		
Barrow-in-Furness ...	30.21	55	NNW	3	6	30.24	+ .07	55	52	+ 3	N	3	6	2	57	53	-		
† Holyhead ...	30.18	54	WNW	2	6	30.22	+ .04	54	50	+ 4	WNW	2	6c	1	58	48	-		
Liverpool (Bidston) ...	30.24	56	NNW	2	6m	30.24	+ .03	53	51	+ 2	Z	0	0	1	61	45	-		
† Valentia ...	30.24	58	NNE	3	6	30.26	+ .05	50	48	- 2	N	3	6	3	61	44	-		
Roche's Point ...	30.19	54	NNE	2	6c	30.22	+ .03	52	49	- 3	NE	1	6	0	59	47	-		
Pembroke ...	30.17	58	SSW	1	6	30.21	+ .04	59	55	- 4	N	1	6	0	70	47	-		
† Scilly ...	30.13	61	N	2	0	30.22	+ .11	50	49	- 1	ENE	2	W	1	67	46	-		
Prawle Point ...	30.12	59	Z	0	6	30.20	+ .08	56	54	- 2	N	1	6m	0	63	51	0.01		
Hurst Castle ...	30.14	61	NNW	1	6m	30.23	+ .11	45	44	- 1	NNW	1	3	*	67	41	0.03		
† London ...	30.17	51	NNE	1	6	30.25	+ .13	45	44	- 1	Z	0	6	*	63	41	-		
Oxford ...	30.18	56	NW	1	c	30.22	+ .04	50	50	- 2	N	1	6	*	64	45	0.03		
Cambridge ...	30.13	57	NE	2	6	30.20	+ .10	52	51	- 1	W	1	6	2	60	48	-		
† Yarmouth ...	30.11	55	NNW	1	6	30.15	+ .04	55	50	- 5	NNW	3	c	2	59	54	-		
The Helder ...	30.13	59	W	1	6	30.20	+ .07	62	55	+ 7	E	1	6c	1	64	58	0.04		
Cape Gris Nez ...	30.18	59	N	1	6m	30.24	+ .12	60	53	- 7	SE	1	6m	1	66	52	-		
† Jersey ...	30.16	60	NNE	3	0	30.19	+ .03	52	52	- 4	SE	3	6	2	68	50	-		
Brest ...	30.13	66	NW	5	6	30.15	+ .04	59	58	- 1	E	5	6	2	73	54	-		
Lorient ...	30.12	64	WNW	3	6c	30.16	+ .05	57	55	+ 2	E	2	0	1	70	?	-		
† Rochefort ...	*	*	*	*	*	30.21	+ .11	50	50	- 5	W	1	6	*	59	48	0.04		
Biarritz ...	30.04	55	E	3	0	30.19	?	46	46	- 6	W	3	6	*	76	44	0.04		
Corunna ...	30.11	61	NNE	3	6c	30.25	+ .13	50	49	- 1	Z	0	6	*	*	*	-		
Brussels ...	30.06	72	S	1	0	30.18	+ .01	58	54	+ 4	NNE	1	6c	*	78	56	-		
Charleville ...	30.08	68	W	7	6	29.98	- .14	68	61	+ 7	NNW	5	6	4	79	64	-		
Paris ...																			
Lyons ...																			
Toulon ...																			
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.92	51	SW	2	c	28.96	+ .04	43	38	- 5	NW	2	c	*	57	41	-		

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

Hawes Junction	28.92	51	SW	2	c	28.96	43	39	- 4	W	2	c	*	57	41	-			
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.			
Skudesnaes ...	29.93	56	54	NW	6	0	4	Valentia ...	30.25	59	54	N	2	c	3	
Sumburgh Head								Scilly ...								
Stornoway ...	30.15	53	50	WNW	2	0	1	Dover ..	30.11	62	59	SW	1	6c	0	
Aberdeen ...	30.12	55	51	NNW	2	0	1	London ...	30.12	64	58	NW	1	6cm	*	
Shields ...	30.13	55	52	E	1	c	m	2	Yarmouth ...	30.11	60	57	NNE	2	6c	2
Ardrossan ...	30.16	60	58	WNW	4	6	3	Jersey ...	30.17	63	59	N	2	6	2	
Mullaghmore ...	30.23	56	51	N	1	0	0	1	Rochefort ...	30.13	72	65	NW	4	6	2
Holyhead ...	30.20	56	55	NNW	3	6	2	Ben Nevis 4464 ft. 25.58	36	33	NW	1	6	37	32	-

Scarcely any change has occurred since the morning, except in London, where the rain has ceased and the sky cleared. The sea is smooth except at Falmouth.

## 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 17<sup>th</sup> SEPT<sup>r</sup>

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.)

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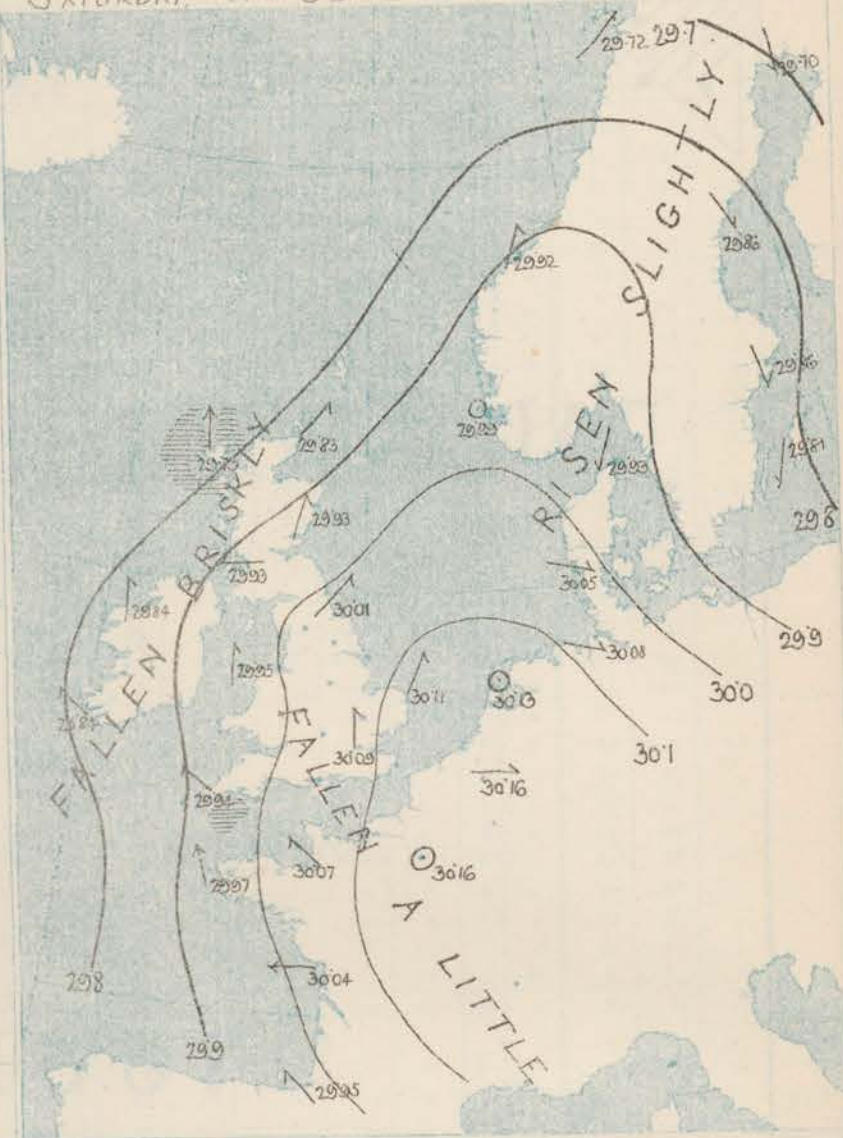
for 8 a.m. on SATURDAY, 17<sup>TH</sup> SEPTEMBER 1881

*Explanation of Map.*

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

MEAN\* HEIGHT of the BAROMETER  
for the month of September

These means are for the 30 years 1886-76.  
A more complete set of mean values is  
in course of preparation.

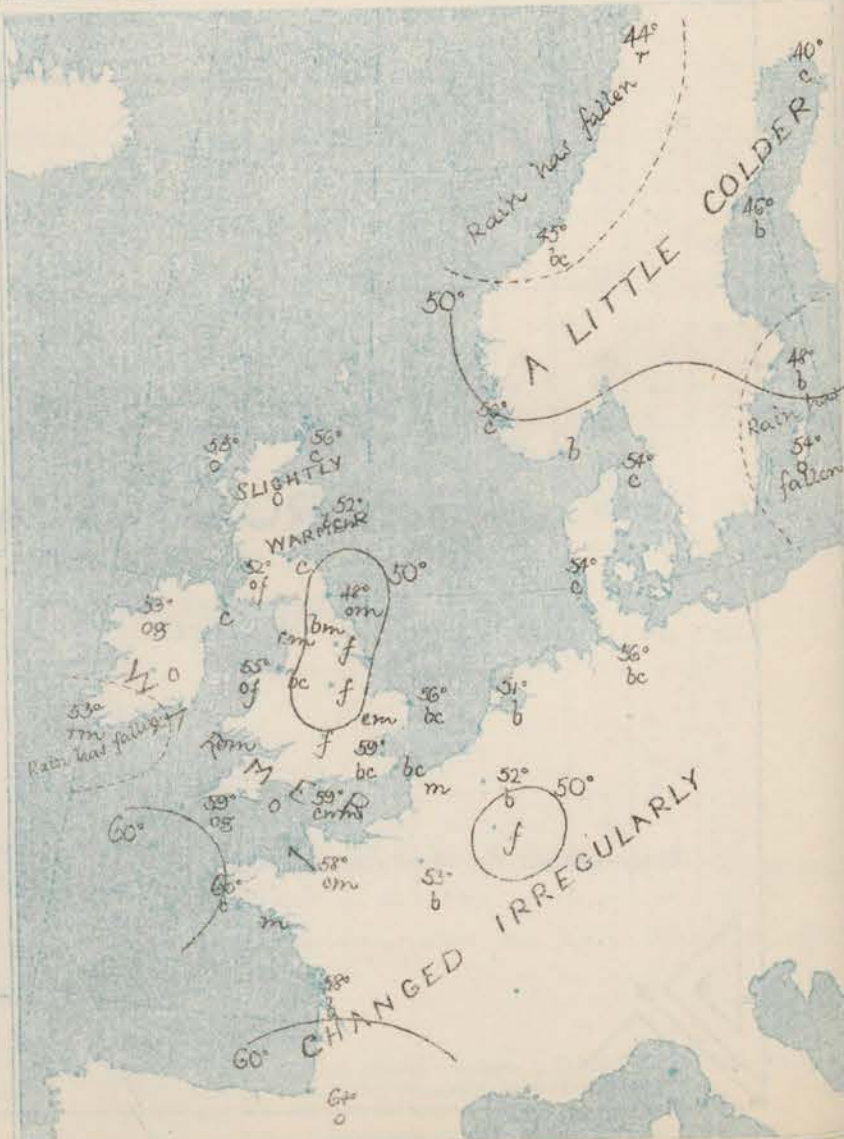


TEMPERATURE AND WEATHER  
with RAINFALL in PAST 24 HOURS.

Fulls of 100 in: or more, are quoted in figures.

for the month of September.

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





# REMARKS

WED. Saturday 17<sup>th</sup> SEPT<sup>r</sup> 1881 at 8 a.m.

In the course of the past night the barometer has fallen over the whole of our Islands - most in the W. and N.W. - while it has risen somewhat on the E. shores of the North Sea. Gradients for S<sup>t</sup> winds have thus become general, and breezes from that quarter have set in on all our coasts, but are at present light to moderate in force excepting at Stornoway. Temperature is increasing considerably over Ireland and the south of England - in London it is 14° higher than it was yesterday - and readings vary from between 52° and 55° in Scotland to 59° over our S. counties. Rain has set in at the Irish stations, and on our W. and N.W. coasts generally the sky has become dull and gloomy, but over England the weather though foggy in places is generally fair.

The sea is rising a little in the extreme SW. and NW., but is smooth at present both at Holyhead and Dover.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

18<sup>th</sup> SEPTEMBER.

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

### DISTRICTS

### FORECASTS

11	SCOTLAND NORTH	S <sup>W</sup> and S <sup>N</sup> winds, strong, a gale at times, with rain.
1	SCOTLAND EAST	S <sup>W</sup> breezes, light to fresh; fair to showery.
2	ENGLAND N.E.	S <sup>W</sup> breezes, moderate; fair to cloudy.
3	ENGLAND EAST	S <sup>W</sup> and S <sup>N</sup> breezes, light to moderate; fine.
4	MIDLAND COUNTIES	S <sup>W</sup> to S <sup>N</sup> breezes, moderate to fresh, fair, mild.
5	ENGLAND SOUTH	-----D°-----D°-----D°-----

### DISTRICTS

### FORECASTS

6	SCOTLAND WEST	S <sup>W</sup> winds, fresh to strong; squally, showery.
7	ENGLAND N.W.	S <sup>W</sup> winds, light at first, then increasing; dull to rainy.
8	ENGLAND S.W.	S <sup>W</sup> to S <sup>N</sup> winds, freshening; cloudy, some showers.
9	IRELAND NORTH	S <sup>W</sup> winds, increasing in force; rainy.
10	IRELAND SOUTH	-----D°-----D°-----D°-----
	WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

17<sup>th</sup> SEPT<sup>r</sup>

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.65	40	N	2	b	29.70	+ 0.04	40	37	- 6	N	4	c	*	50	39	-		
Hernösand	29.80	46	W	0	c	29.86	+ 0.05	46	42	- 4	NNW	4	b	*	59	50	-		
Stockholm	29.80	51	NNE	2	h	29.86	+ 0.06	48	45	- 3	N	2	b	*	59	?	0.82.		
Wisby	29.86	53	SW	2	c	29.81	+ 0.05	51	52	+ 2	NE	4	c	*	59	50	0.08		
Bodö	29.67	46	W	6	0	29.72	+ 0.04	44	43	- 2	SW	2	h	2	46	41	0.39		
Christiansund	29.94	46	NW	4	c	29.92	+ 0.02	45	43	- 3	SEW	2	bc	h	48	46	0.12.		
†Skudesnaes	29.99	50	NW	4	b	29.99	+ 0.07	50	47	- 3	SE	0	c	h	85	68	-		
Orö (Christiansund)	29.83	54	WNW	2	b	29.92	+ 0.09	50	46	- 4	NNW	4	b	2	57	48	-		
Skagen (The Skaw)	29.82	65	NNE	2	bc	29.93	+ 0.11	54	51	- 3	NNE	3	c	h	59	52	-		
Fanö	29.95	54	WNW	4	c	30.05	+ 0.08	54	50	- 4	NNW	4	c	*	57	52	-		
Cuxhaven	30.03	?	NW	7	bc	30.08	+ 0.09	56	54	- 2	WNW	3	bc	*	57	52	-		
†Sumburgh Head																			
†Stornoway	30.02	53	SSW	5	0	29.73	- 0.29	53	54	+ 1	S	4	0	5	57	49	-		
Wick	30.05	54	NW	1	0	29.83	- 0.22	56	53	- 3	SW	2	0	1	57	48	-		
Nairn	30.06	57	WNW	1	0	29.85	- 0.21	55	53	- 2	W	0	0	0	60	49	-		
†Aberdeen	30.08	57	W	0	bc	29.93	- 0.15	52	50	- 2	SSW	3	bc	h	62	46	-		
Leith	30.12	58	W	1	b	29.95	- 0.17	52	50	- 2	NE	1	c	*	66	43	-		
†Shields	30.14	56	ESE	1	m	30.01	- 0.13	48	48	0	SW	4	om	2	61	45	-		
Spurn Head	30.19	53	N	3	b	?	?	51	51	0	SW	4	f	3	58	49	-		
York	30.17	58	E	1	b	30.07	- 0.10	46	46	0	ESE	1	f	*	63	43	-		
Nottingham	30.19	53	N	1	0	30.09	- 0.10	46	45	- 1	N	1	f	*	65	38	-		
†Ardrossan	30.18	55	ESE	1	b	29.93	- 0.25	52	51	- 1	E	2	of	2	59	47	-		
†Mullaghmore	30.09	57	W	1	om	29.84	- 0.25	53	49	- 4	S	3	ag	2	63	50	-		
Donaghadee	30.10	53	SSE	2	bc	29.92	- 0.18	55	55	0	SSW	3	c	1	60	45	-		
Parsonstown	30.12	62	S	1	c	29.89	- 0.23	52	50	- 2	SE	1	0	*	64	42	-		
Barrow-in-Furness	30.07	57	NNW	2	b	30.02	- 0.05	51	49	- 2	ESE	3	om	2	61	48	-		
†Holyhead	30.16	56	NE	2	b	29.95	- 0.21	55	53	- 2	S	2	of	2	59	49	-		
Liverpool (Bidston)	30.15	56	NW	1	b	?	?	49	47	- 2	SE	3	bc	2	59	45	-		
†Valentia	30.11	56	SE	3	0	29.84	- 0.27	53	52	- 1	SE	1	m	1	60	49	0.06		
Roches Point	30.12	57	SE	3	c	29.85	- 0.27	55	57	+ 2	SE	4	h	4	61	48	0.22		
Pembroke	30.13	58	W	0	m	29.93	- 0.20	57	56	- 1	ESE	2	om	2	61	52	-		
†Scilly																			
Prawle Point	30.16	56	NNE	1	b	30.01	- 0.15	58	57	- 1	SE	3	0	2	60	53	-		
Hurst Castle	30.16	60	SW	1	m	30.06	- 0.10	59	57	- 2	SW	3	com	2	66	50	-		
†Dover	30.17	59	W	0	b	30.11	- 0.06	58	57	- 1	SW	2	bc	1	61	55	-		
†London	30.16	57	ENE	1	bf	30.09	- 0.07	59	56	- 3	S	1	bc	*	66	45	-		
Oxford	30.17	52	WSW	1	b	30.06	- 0.11	51	51	0	S	1	f	*	66	42	-		
Cambridge	30.18	56	N	1	bc	30.09	- 0.09	53	53	0	S	1	com	*	64	44	-		
†Yarmouth	30.16	56	W	0	b	30.11	+ 0.05	56	55	- 1	SEW	1	bc	1	60	47	0.01		
The Helder	30.15	57	NNW	1	bc	30.13	+ 0.02	51	50	- 1	SSE	1	b	1	59	48	-		
Cape Gris Nez	30.19	58	W	0	b	30.12	- 0.07	54	52	- 2	SW	1	m	0	72	52	-		
†Jersey	30.19	60	W	0	b	30.07	- 0.12	58	56	- 2	SE	3	om	3	64	55	-		
Brest	30.10	62	W	0	b	29.97	- 0.13	60	59	- 1	SSE	5	0	3	?	50	-		
Lorient	30.10	64	SSE	1	m	30.00	- 0.10	57	56	- 1	NE	4	m	1	70	55	-		
†Rochefort	30.13	72	ENE	3	b	30.04	- 0.09	58	55	- 3	E	5	b	2	82	52	-		
Biafritz	30.04	70	NE	5	c	29.95	- 0.09	64	61	- 3	SE	3	0	2	72	59	-		
Corunna	*	*	*	*	*			*	*	*					*	*	*		
Brussels	*	*	*	*	*	30.16	- 0.05	52	50	- 2	W	1	b	*	61	45	-		
Charleville	30.16	55	NW	3	c	30.23	+ 0.07	44	41	- 3	NW	3	f	*	75	42	-		
Paris	30.19	59	W	0	b	30.16	- 0.03	53	50	- 3	W	0	b	*	*	*	-		
Lyons														*					
Toulon																			

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

Hawes Junction	28.92	57	NNW	1	b	28.78	-0.14	44	43	-1	N	1	bc	*	59	39	-
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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 ...	29.95	56	56	NW	b	†	4	Valentia ...	30.18	58	SE	4	c	4
Sumburgh Head								Scilly ...						
Stornoway ...	30.08	57	58	W	4	0	3	Dover ...	30.19	60	SE	2	b	1
Aberdeen ...	30.11	60	58	S	1	c	1	London ...	30.18	60	SE	0	6	2
Shields ...	30.17	57	52	NSE	1	c	2	Yarmouth ...	30.18	59	W	2	b	2
Ardrossan ...	30.18	59	55	WNW	3	0	2	Jersey ...	30.22	63	NSE	2	b	2
Mullaghmore ...	30.16	62	55	S	3	bc	2	Rochefort ...	30.14	78	N	3	b	2
Holyhead ...	30.22	58	54	ENE	3	b	2	Ben Nevis (4028 ft.)	30.62	40	40	NNW	3	0

The fall of the barometer, which was in progress at Stornoway this morning has now ceased, and the wind there has veered to W, but at our SE and SW stations a somewhat decided decrease of pressure is shown and a moderate SSE breeze has sprung up at Valentia. The weather in London continues foggy.

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) c. 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.  
 ‡ 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.  
 § These Stations send Reports at 2 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

SUNDAY, 18<sup>TH</sup> SEPTEMBER

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Fred<sup>r</sup> Dangerfield Lit<sup>r</sup> 22 Bedford St<sup>r</sup> Court Garden.*



# WEATHER CHARTS

for 8 a.m. on SUNDAY 18<sup>th</sup> SEPTEMBER 1887

## BAROMETER, WIND & SEA

### Explanation of Map.

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

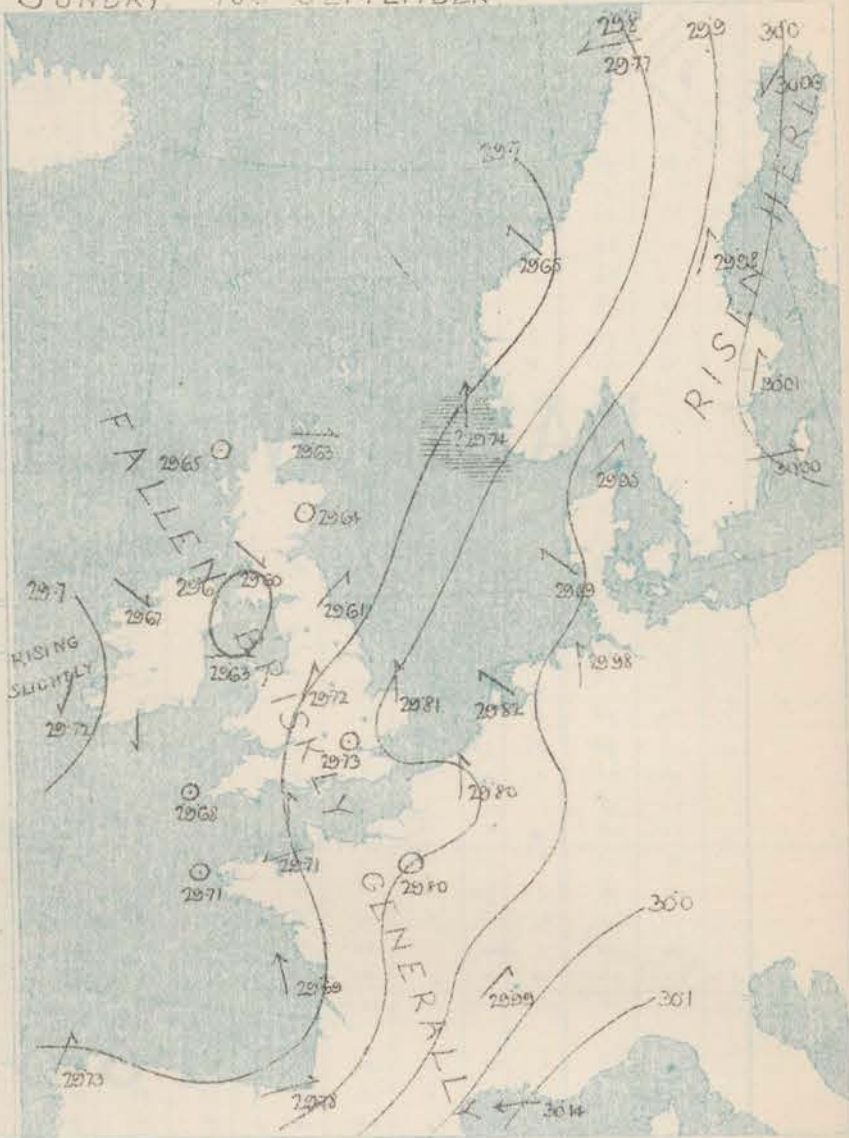
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
→ forces above 10; → forces 8 to 10  
→ forces 5 to 7; → forces 1 to 4  
○ = dead calm.

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

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

Stations	Mean Readings in.
Saun	29.775
Aberdeen	29.784
Leith	29.714
Scarborough	29.670
Arbroath	29.633
Greenock	29.618
Holyhead	29.657
Valencia	29.473
Roches Pt.	29.676
Plymouth	29.646
LONDON	29.687
Yarmouth	29.648

<sup>s</sup> These means are for the 30 years 1868-78.  
A more complete set of mean values is in course of preparation.





# REMARKS

For 18<sup>th</sup> SEPTEMBER: 1881 at 6 a.m.

The fall of the barometer which was taking place generally yesterday morning has since continued and several small shallow depressions are now found over our area;— one lying over the west of Norway, another over the S.W. of Scotland, a third over the St. George's Channel, and a further over the NE. of France. The winds to the E<sup>rd</sup> of these disturbances, (i.e. over Scandinavia, Denmark, our E. and SE. coasts, and the greater part of France,) are S<sup>W</sup>, while to the W<sup>rd</sup> of them (in Ireland) N<sup>E</sup> breezes prevail, but in the regions over which the depressions lie very variable are reported. Temperature has fallen a few degrees in Ireland, Scotland and the N. of Sweden, but risen briskly in most other places; readings over our Islands now vary from 62° at Hawke Point to 49° at Wick and Kilm. During yesterday the thermometer rose to 67° at Oxford and to 68° at Nottingham and in London. The weather is very variable, but is upon the whole fair excepting in S. Norway, the S.E. of Scotland, and NW. of England, where rain is falling.

Heavy rain fell yesterday at many M. stations, and in the course of the night a thunderstorm passed across France to C. de M., where it at present holds. The sea is slight or smooth on all our coasts.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

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

### DISTRICTS

### FORECASTS

### DISTRICTS

### FORECASTS

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

NONE ISSUED

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

ISSUED  
NONE



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

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			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 ...	29.98	36	N	2	b	30.00	+ .02	30	30	—	8	NE	4	0	43	32	—		
Hernösand ...	29.92	42	Z	0	b	29.98	+ .12	41	40	—	5	SSW	2	1	57	37	—		
Stockholm ...	29.99	40	WSW	2	b	30.01	+ .05	50	46	+ .2	2	SSW	2	0	55	45	—		
Wisby ...	29.94	40	NW	4	b	30.00	+ .19	51	50	—	3	W	4	0	55	45	—		
Bodö ...	29.94	44	SW	2	c	29.77	+ .05	43	39	—	1	E	4	0	43	39	0.12		
Christiansund ...	29.77	50	SE	3	r	29.65	— .27	51	48	+ .6	6	ESE	1	0	52	37	0.16		
† Skudesnaes ...	29.91	55	S	7	o	29.74	— .25	55	54	+ .5	5	S	7	1	55	32	—		
Oxö (Xiansund) ...	29.95	54	WSW	4	o	29.80	— .06	55	54	+ .5	5	S	6	1	57	52	0.04		
Skagen (The Skaw) ...	30.00	57	NNW	2	b	29.95	+ .02	54	51	0	0	SW	4	0	63	48	—		
Fanö ...	30.05	53	N	1	bc	29.89	— .16	54	53	0	0	SE	2	0	53	50	—		
Cuxhaven ...	30.12	62	W	2	bc	29.98	— .10	50	50	—	5	S	3	0	57	48	—		
† Sumburgh Head ...	29.64	53	SSW	6	c	29.65	— .08	51	50	—	4	Z	0	0	55	44	—		
† Stornoway ...	29.65	54	S	2	c	29.63	— .20	49	48	—	7	W	2	0	58	44	0.10		
Wick ...	29.67	54	Z	0	c	29.65	— .20	49	46	—	6	Z	0	0	58	46	—		
Nairn ...	29.73	54	S	4	om	29.64	— .29	53	52	+ .1	1	N	1	1	58	51	0.01		
† Aberdeen ...	29.75	56	NE	1	r	29.61	— .34	53	53	+ .1	1	E	1	1	62	50	0.21		
Leith ...	29.81	56	WSW	3	om	29.61	— .40	53	57	+ .10	10	SW	4	0	58	47	0.48		
† Shields ...	29.92	57	SSE	4	o	29.78	?	57	56	+ .6	6	SSW	4	0	61	51	0.03		
Spurn Head ...	29.86	58	S	1	o	29.66	— .41	59	57	+ .13	13	S	1	0	61	44	—		
York ...	29.88	58	SSE	2	r	29.72	— .37	61	59	+ .15	15	SSW	2	0	68	44	0.03		
Nottingham ...	29.75	55	SSW	4	r	29.60	— .33	52	52	0	0	NNW	2	0	56	50	0.23		
† Ardrossan ...	29.72	55	SSW	1	o	29.67	— .17	53	51	0	0	NW	3	0	58	52	0.02		
† Mullaghmore ...	29.76	54	SSW	1	r	29.62	— .30	53	53	—	2	N	4	0	57	51	0.70		
Donaghadee ...	29.70	54	NW	1	r	29.69	— .20	54	50	—	1	NNW	1	0	54	50	0.77		
Parsonstown ...	29.80	56	SE	3	r	29.61	— .41	57	57	+ .6	6	SSE	3	0	58	51	1.02		
Barrow-in-Furness ...	29.74	57	S	3	r	29.63	— .32	58	58	+ .3	3	W	1	0	59	54	0.57		
† Holyhead ...	29.78	57	ESE	2	o	29.62	?	61	59	+ .12	12	SE	1	0	61	49	0.16		
Liverpool (Bidston) ...	29.69	57	N	3	og	29.72	— .12	56	52	+ .3	3	NNE	1	0	57	52	0.06		
† Valentia ...	29.70	59	SE	4	f	29.66	— .19	54	52	—	4	N	4	0	61	52	0.12		
Roehe's Point ...	29.72	60	S	4	r	29.63	— .30	59	59	+ .2	2	SW	1	0	61	56	0.27		
Pembroke ...	29.84	60	SSE	3	o	29.69	— .32	62	60	+ .4	4	NE	1	0	63	57	0.05		
† Scilly ...	29.88	61	S	3	o	29.71	— .35	61	60	+ .2	2	S	2	0	62	54	0.04		
Prawle Point ...	29.97	61	SW	3	b	29.76	— .35	58	57	0	0	NE	1	0	63	57	—		
Hurst Castle ...	29.93	62	S	2	o	29.73	— .36	57	56	—	2	Z	0	0	68	53	0.09		
† London ...	29.86	59	SE	1	b	29.71	— .35	59	57	+ .8	8	SSE	1	0	67	52	—		
Oxford ...	29.89	59	S	4	c	29.72	— .37	57	56	+ .4	4	S	1	0	64	52	—		
Cambridge ...	29.95	59	SSE	2	om	29.81	— .30	58	58	+ .2	2	S	2	0	61	54	0.02		
† Yarmouth ...	30.02	55	S	1	b	29.89	— .31	54	53	+ .3	3	SE	1	0	63	52	—		
The Helder ...	29.98	62	SSE	3	an	29.79	— .33	56	54	+ .2	2	ESE	4	0	68	54	—		
Cape Gris Nez ...	29.91	63	SSE	2	ogm	29.71	— .36	67	60	+ .9	9	ENE	1	0	67	57	0.05		
† Jersey ...	29.82	62	S	3	r	29.71	— .26	61	59	+ .1	1	Z	0	0	64	59	0.51		
Brest ...	29.87	64	SSW	3	m	29.66	— .34	60	57	+ .3	3	? E	2	0	66	55	—		
Lorient ...	29.80	77	SE	5	o	29.69	— .35	69	62	+ .11	11	SSE	7	0	84	54	—		
† Rochefort ...	29.75	78	E	5	b	29.78	— .17	68	63	+ .4	4	WSW	1	0	?	62	0.04		
Biarritz ...	*	*	*	*	*	29.83	— .05	68	*	0	0	SSW	1	0	*	*	*		
Corunna ...	*	*	*	*	*	29.50	— .36	59	55	+ .7	7	S	4	0	65	52	—		
Brussels ...	30.03	56	SE	4	b	29.84	— .39	55	50	+ .11	11	SE	4	0	?	?	—		
Charleville ...	30.02	62	E	4	b	29.80	— .36	59	55	+ .6	6	Z	0	0	*	*	—		
Paris ...	30.05	57	E	1	b	29.99	— .18	65	57	+ .13	13	SW	3	0	73	7	—		
Lyons ...	30.10	69	Z	0	b	30.14	+ .08	64	55	—	7	E	5	0	79	61	—		
Toulon ...	28.60	53	SW	1	r	28.51	— .27	50	55	+ .12	12	SW	2	0	58	44	0.78		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.60	53	SW	1	r	28.51	— .27	50	55	+ .12	12	SW	2	0	58	44	0.78		

## 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.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.			
Skudeanaes ...	29.96	55	51	SSE	4	0	4	Valentia ...	29.73	56	54	NNW	3	0	3	
Sumburgh Head								Scilly ...								
Stornoway ...	29.67	54	54	S	7	0	6	Dover ..	30.03	62	58	SSW	2	b	1	
Aberdeen ...	29.79	55	53	S	4	0	2	London ...	29.98	64	61	S	2	o	*	
Shields ..	29.86	55	54	SSE	2	0	2	Yarmouth ...	30.00	60	57	SSE	2	bc	2	
Ardrossan ...	29.79	56	54	SSW	3	0	3	Jersey ...	29.97	65	61	SSE	3	c	2	
Mullaghmore ...	29.76	56	62	SSW	3	og	2	Rochefort ...	29.98	79	66	SSE	4	b	2	
Holyhead... ..	29.83	58	57	S	2	d	1	Ben. Nevis 4406 ft	25.35	37	37	SSW	4	0	41	
														MIN	RAIN	
														41	37	0.00

A further but uniform fall of the barometer has taken place over our Islands. The wind has however, veered to the NW at Valentia, but continues S elsewhere. The sky is dull gloomy except in the E and SE. Rain is falling at Talmouth and 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 APOSTROPHE 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

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

1881.

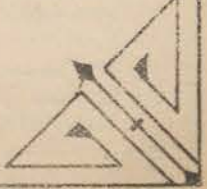

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ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on MONDAY, 19<sup>TH</sup> SEPTEMBER, 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 4 to 4.

○ = dead calm.

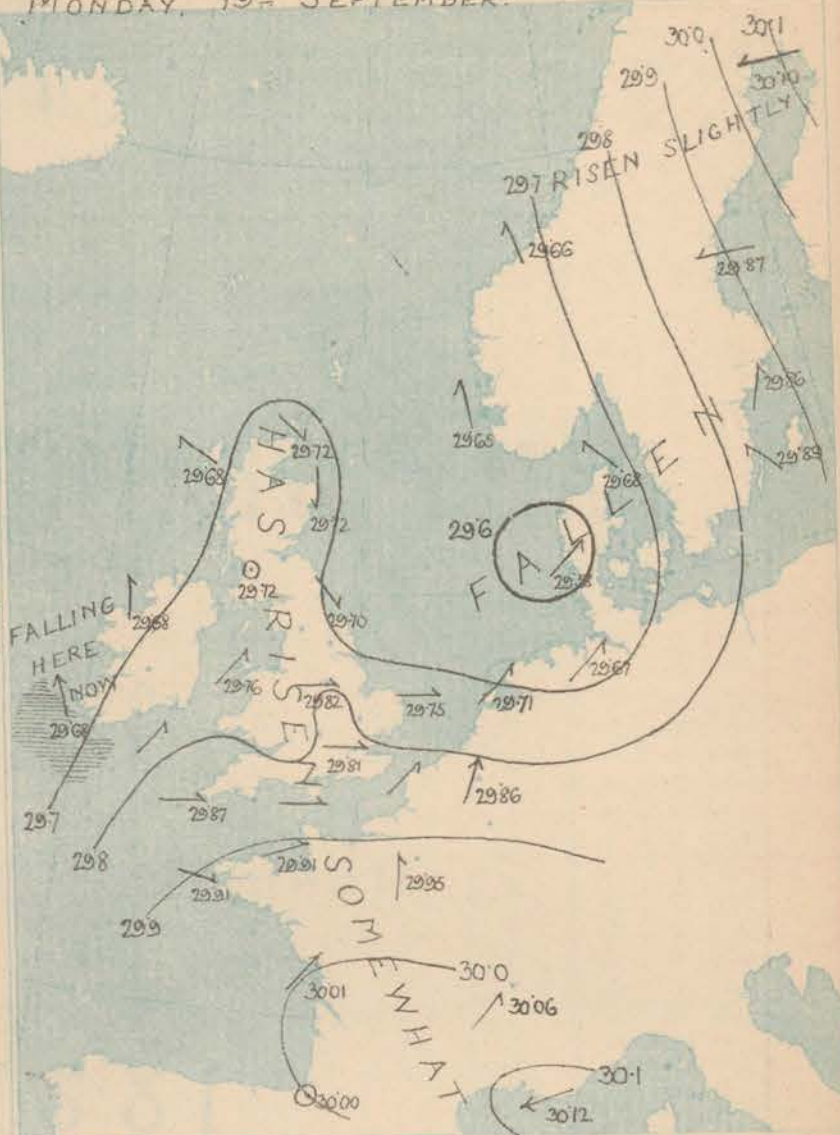
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

## MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations.	Mean Readings. Inch.
Suirn	29.725
Aberdeen	29.784
Leith	29.814
Scarborough	29.820
Ardrossan	29.828
Greenacres	29.848
Holyhead	29.852
Valencia	29.872
Beche's Pt.	29.875
Plymouth	29.845
LONDON	29.877
Vermouth	29.912

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





# REMARKS

for MONDAY 19<sup>TH</sup> SEPT 1887 at 8 a.m.

The depressions which lay over our Western coast yesterday have travelled eastwards to the North Sea, and an arm or ridge of high pressure stretches northwards from our southern to our northern district this morning. To the westwards of this arm (i.e. over the west of Ireland) the barometer has begun to fall briskly, and gradients favourable for S<sup>W</sup> winds are spreading over our W district, while those in the east are favourable for winds from W. and NW. Temperature is changing irregularly. Over the N and SW part of England it has fallen several degrees, but in the SE. it is higher than it was at 8 a.m. yesterday. Maxima of 74° or 75° were registered in most parts of England yesterday. Variable W<sup>W</sup> breezes prevail over England this morning, and N<sup>W</sup> winds in the E. of Scotland, but along our W coast the wind has backed to S. and SE., and is freshening quickly at Galentia with a rising sea. The sea on our other coast is smooth generally. A new depression is approaching Ireland from the Atlantic, but is not near enough at present for its depth to be accurately known.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

20<sup>TH</sup> SEPT<sup>R</sup>

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	SE <sup>W</sup> and S <sup>W</sup> winds, increasing in force; dull, rainy.
2 SCOTLAND EAST	Wind becoming SE <sup>W</sup> and S <sup>W</sup> , weather dull, changeable, some rain.
3 ENGLAND N.E.	----- D° ----- D° ----- D° -----
4 ENGLAND EAST	W <sup>W</sup> to SW <sup>W</sup> winds; weather changing greatly, finally becoming rainy.
5 MIDLAND COUNTIES	SW <sup>W</sup> or S <sup>W</sup> breezes, light to fresh; cloudy to rainy and unsettled.
6 ENGLAND SOUTH	Same as N° 3

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Same as N° 0.
7 ENGLAND N.W.	S <sup>W</sup> winds, increasing in force, unsettled, rainy.
8 ENGLAND S.W.	SW <sup>W</sup> winds, increasing considerably, with squally, rainy weather.
9 IRELAND NORTH	S <sup>W</sup> winds, strong, squally; heavy rain at times.
10 IRELAND SOUTH	----- D° ----- D° ----- D° -----
WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

13<sup>th</sup> SEPT<sup>r</sup>

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.		BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 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	30.12	35	NE	4	0		30.10	+ .04	38	35	+ 6	E	4	0			41	30	-
Hernösand	29.89	48	Z	0	0		29.87	- .11	50	49	+ 9	E	2	0			50	32	0.16
Stockholm	29.93	51	WSW	2	Λ		29.86	- .15	53	51	+ 3	WSW	2	0			59	41	0.08
Wisby	29.97	52	WSW	4	0		29.89	- .11	53	51	+ 2	SE	2	0			57	43	0.04
Bodö																			
Christiansund	29.64	53	NE	1	0		29.66	+ .01	51	50	0	SSE	1	0			55	43	0.04
†Skudesnaes	29.69	55	SE	7	Λ		29.65	- .04	55	54	0	SSE	2	0	4		55	55	-
Öxö (Xiansund)	29.78	55	SSE	4	0		29.65	- .21	55	55	0	NE	4	0	3		55	54	0.28
Skagen (The Skaw)	29.83	55	SSE	3	0		29.68	- .27	55	55	+ 1	SE	4	0	3		55	52	0.12
Fanö	29.71	53	SE	4	0		29.58	- .31	58	58	+ 4	SW	2	0			59	50	0.12
Cuxhaven	29.76	?	S	3	bc		29.67	- .31	61	60	+ 10	SW	4	0			61	50	-
†Sumburgh Head																			
†Stornoway	29.68	54	ENE	1	0		29.68	+ .03	52	51	+ 1	SE	1	0	1		55	49	-
Wick	29.67	52	NW	1	0		29.72	+ .09	52	50	+ 3	NW	1	0	2		60	49	0.20
Nairn	29.65	53	W	1	0		29.71	+ .06	50	48	+ 1	Z	0	0	0		55	49	0.01
†Aberdeen	29.65	50	N	1	0		29.72	+ .08	51	50	- 2	N	1	0	1		54	50	0.06
Leith	29.65	52	E	1	Λ		29.72	+ .11	52	51	- 1	NE	1	0			55	50	0.32
†Shields	29.57	53	NNW	3	0		29.70	+ .09	53	52	- 5	NW	2	0	2		67	50	-
Spurn Head	29.60	58	SE	3	0		29.73	- .05	55	54	- 2	WSW	4	0	3		65	46	0.25
York	29.62	61	S	1	0		29.73	+ .07	54	53	- 5	W	2	0			67	50	0.15
Nottingham	29.68	60	SSW	1	Λ		29.82	+ .10	55	54	- 6	W	1	0			75	49	-
†Ardrossan	29.65	54	Z	0	0		29.72	+ .12	51	50	- 1	NE	1	0	1		54	50	0.13
†Mullaghmore	29.69	55	NW	4	bc		29.68	+ .01	53	51	0	S	3	0	2		59	47	-
Donaghadee	29.68	53	N	4	0		29.75	+ .13	56	55	+ 3	E	1	0	0		59	45	-
Parsonstown	29.71	57	Z	0	0		29.74	+ .05	47	46	- 4	SE	1	0			61	41	-
Barrow-in-Furness	29.61	55	NNW	3	0		29.74	+ .13	54	53	- 3	WNW	3	0	3		60	52	0.02
†Holyhead	29.68	56	N	2	0		29.76	+ .13	55	54	- 3	SW	1	0	1		58	52	0.01
Liverpool (Bidston)	29.66	56	W	2	0		29.78	+ .16	55	53	- 6	W	1	0	1		63	52	-
†Valentia	29.74	55	NW	2	bc		29.68	- .04	57	55	+ 1	SSE	5	0	5		62	46	-
Roche's Point	29.75	58	N	2	0		29.77	+ .11	57	54	+ 3	SW	4	0	4		60	45	-
Pembroke	29.67	57	NNE	1	0		29.80	+ .17	57	54	- 2	W	2	0	2		62	54	0.01
†Scilly																			
Prawle Point	29.69	59	WSW	3	0		29.85	+ .16	56	56	- 6	WSW	2	0	1		67	55	0.32
Hurst Castle	29.66	61	WSW	4	0		29.81	+ .10	60	59	- 1	W	3	0	1		70	58	-
†Dover	29.62	62	SW	2	0		29.82	+ .06	61	60	+ 3	WSW	4	0	2		64	58	0.06
†London	29.63	68	W	1	0		29.81	+ .08	62	59	+ 5	W	1	0			75	56	0.01
Oxford	29.67	62	SW	2	0		29.80	+ .09	59	57	0	SW	2	0			74	58	0.02
Cambridge	29.63	68	W	1	0		29.80	+ .08	59	57	+ 2	SW	1	0			75	52	0.04
†Yarmouth	29.49	59	SE	1	bc		29.75	- .06	59	57	+ 1	W	1	0	1		62	51	0.10
The Helder	29.65	59	SSE	1	0		29.71	- .11	61	60	+ 7	SW	3	0	2		63	54	0.04
Cape Gris Nez	29.66	63	SSW	3	0		29.82	+ .03	61	61	+ 5	SW	4	0	2		73	55	0.20
†Jersey	29.77	60	W	3	0		29.91	+ .20	60	59	- 7	WSW	3	0	3		72	59	0.08
Brest	29.73	63	S	3	Λ		29.91	+ .20	59	56	- 2	WNW	4	0	4		66	57	0.39
Lorient	29.77	63	WSW	4	0		29.92	+ .26	61	59	+ 1	W	4	0	4		72	57	-
†Roche fort	29.91	68	W	8	0		30.01	+ .32	67	54	- 2	SW	5	0	2		77	61	-
Biarritz	29.92	70	NE	5	bc		30.00	+ .22	63	60	- 5	E	1	0	2		86	57	-
Corunna	*	*	*	*	*				*	*		*	*	*	*		*	*	*
Brussels	*	*	*	*	*		29.86	+ .06	62	59	+ 3	SSW	5	0	*		71	59	0.04
Charleville	29.78	69	S	3	bc		29.92	+ .08	58	54	+ 3	S	3	0	*		75	53	-
Paris	29.75	66	S	3	bc		29.95	+ .15	61	59	+ 2	S	3	0	*		*	*	-
Lyons	29.95	56	SSE	5	0		30.06	+ .07	61	53	- 4	SW	1	0	*		77	?	-
Toulon	30.13	64	SE	4	0		30.12	- .02	64	59	0	ENE	5	0	3		75	63	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.41	55	WNW	1	0		28.51	00	49	48	- 7	WNW	3	0	*		60	48	0.04

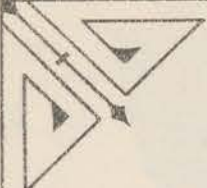
## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	29.71	56	54	SSE	8	0	5	Valentia					
Sumburgh Head								Scilly					
Stornoway								Dover					
Aberdeen								London					*
Shields								Yarmouth					
Ardrossan								Jersey					
Mullaghmore								Roche fort	29.88	74	66	W	8
Holyhead													
Ben Nevis (4406 ft.) 25.17 40 39 2 0 0 0 0 0 0 0 0 0 0													

## EXPLANATION OF COLUMNS.

**WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.  
 \* AN ASTERISK is inserted in all places for which information is not usually received.  
 † The evening observations are taken at 6 p.m. in 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, 20<sup>TH</sup> SEPTEMBER.

1881.

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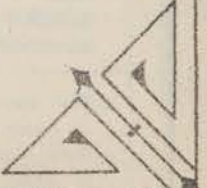
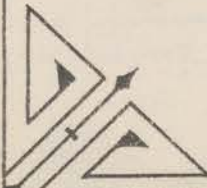
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ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on TUESDAY, 20<sup>TH</sup> SEPT<sup>R</sup> 1881

## BAROMETER, WIND & SEA

### Explanation of Map.

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

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

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

→ forces above 10; → forces 8 to 10

→ forces 5 to 7; → forces 1 to 4.

○ = dead calm.

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

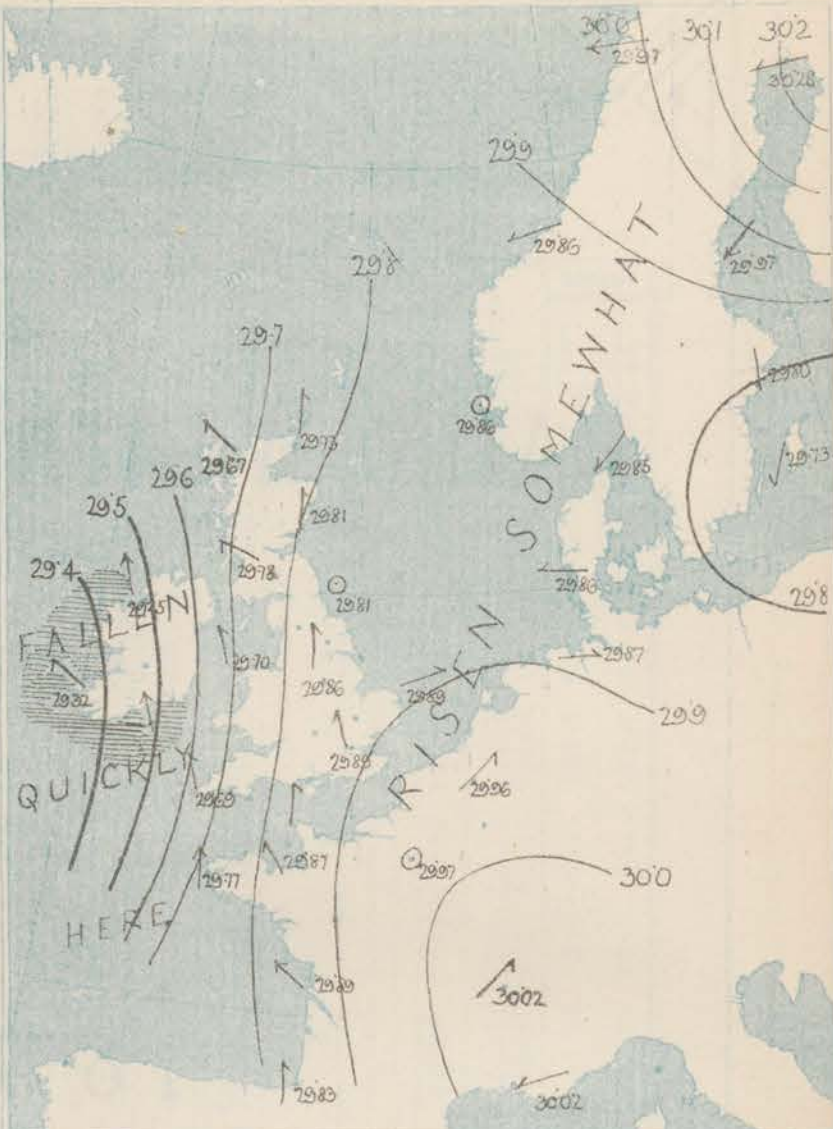
thus = Rough; = High.

## MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations.	Mean Readings
	Ins.
Nairn.....	29.775
Aberdeen.....	29.784
Leith.....	29.814
Scarborough.....	29.870
Ardrrossan.....	29.828
Greenacastle.....	29.818
Holyhead.....	29.857
Valentia.....	29.877
Reche's Pt.....	29.875
Plymouth.....	29.935
LONDON.....	29.922
Yarmouth.....	29.918

\* 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.

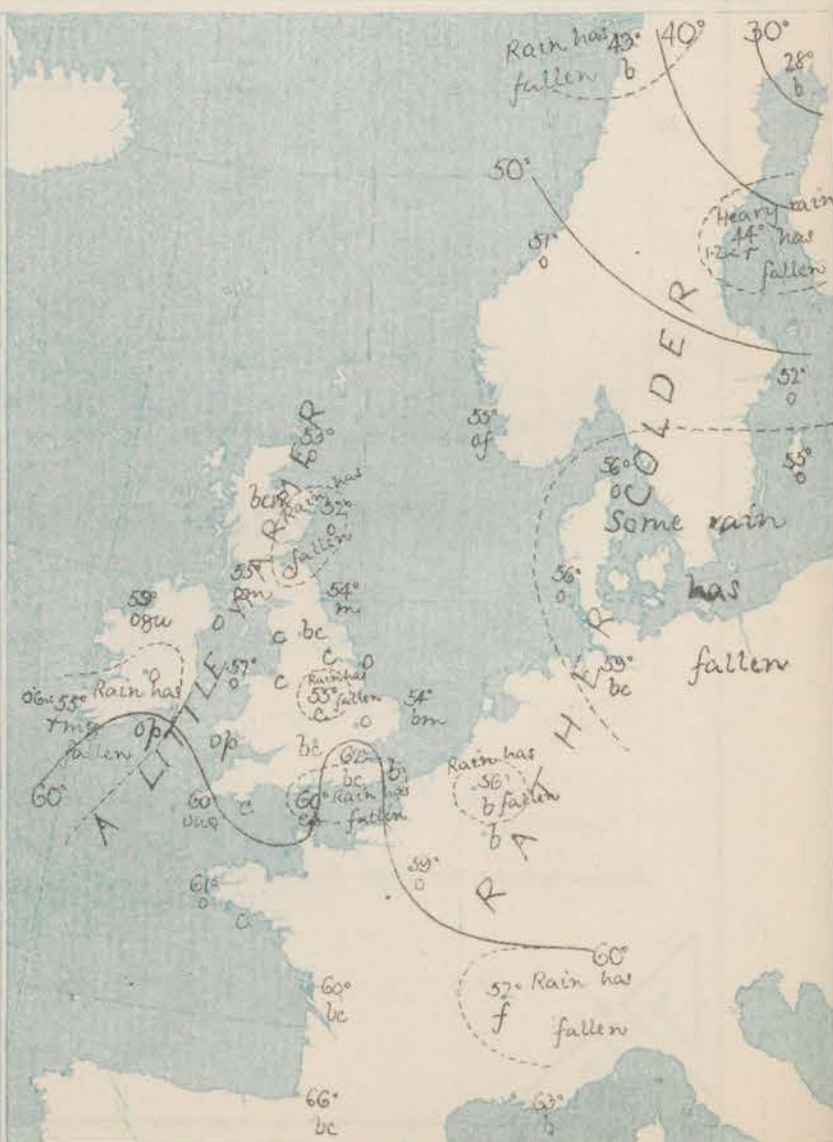
Falls of 0.5 in. or more, are quoted in figures.

## MEANS\* OF TEMPERATURE AND RAINFALL

for the month of September

Stations	Temp	Rain-fall
	°	ins.
Sumburgh Head.....	52.3	2.14
Sornoway.....	52.4	4.54
Aberdeen.....	54.5	3.58
Shetlands.....	55.8	2.81
York.....	50.6	3.12
Mullaghmore.....	55.2	?
Holyhead.....	57.0	3.54
Parsonstown.....	55.8	3.68
Valentia.....	56.4	5.19
Sally (St Mary's).....	59.2	1.61
Hurst Castle.....	59.3	?
Dover.....	59.5	3.00
LONDON.....	59.2	2.71
Yarmouth.....	58.7	3.07

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





# REMARKS

For Tuesday 20<sup>th</sup> SEPT<sup>r</sup> 1881 at 8 a.m.

The fall of the barometer which had commenced in the W. of Ireland yesterday, has continued very briskly, but has apparently not reached our most Eastern stations at present. There is evidently a large depression lying to the W<sup>rd</sup> of Ireland, and rather steep gradient for S<sup>th</sup> winds prevail over our W<sup>th</sup> districts. Temperature has not changed much, and reading vary from 62° in London and 60° at Rock Point to 51° at Harrow. In the N. of Sweden a sharp frost prevails. S<sup>th</sup> to SE<sup>th</sup> winds are now general over the United Kingdom and Bay of Biscay, and though very light at our E<sup>th</sup> stations, blow strongly in the far W. and a gale at Rock Point. Heavy rain has fallen over the S. of Ireland, and a smaller quantity at some other of our W. and N. stations. In the E. and N. the weather is fair, but in the W. and S.W. it is dull, showery and very unsettled.

The sea is rather rough off the west of Ireland, slight at Holyhead, smooth at Dover.

MAP SHOWING DISTRICTS



# FORECASTS

For the 24 hours ending at Noon  
on the

21<sup>st</sup> September

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>th</sup> and SE <sup>th</sup> breezes, light to fresh; fair on the whole.	6 SCOTLAND WEST	SE <sup>th</sup> winds, fresh to strong and squally; rain at times.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	S <sup>th</sup> and SE <sup>th</sup> winds, strong, a gale at times, rainy, unsettled.
3 ENGLAND N.E.	SE <sup>th</sup> breezes, freshening; fine to rainy.	8 ENGLAND S.W.	SE <sup>th</sup> and S <sup>th</sup> winds, varying greatly in force, a gale at times, dull, rainy.
4 ENGLAND EAST	Very light breezes and fine weather, followed by freshening SE <sup>th</sup> breezes and rain.	9 IRELAND NORTH	Same as N° 7.
5 MIDLAND COUNTIES	SE <sup>th</sup> breezes, freshening; cloudy but fair at first, then wet and unsettled.	10 IRELAND SOUTH	SE <sup>th</sup> and S <sup>th</sup> winds, force very variable; rainy.
6 ENGLAND SOUTH	-----D°-----D°-----D°-----	WARNINGS	The south cone was hoisted in districts 6 to 10 and part of 5 yesterday.



# METEOROLOGICAL OBSERVATIONS FOR

20<sup>th</sup> SEPT. 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	30.13	32	E	2	b	30.28	+18	23	26	-10	E	2	b	*	41	3	-
Hernösand	29.82	49	NE	4	h	29.97	+10	44	43	-6	ENE	6	h	*	52	?	1.18
Stockholm	29.72	52	NE	2	O	29.80	-06	52	50	-1	N	2	O	*	59	48	-
Wisby	29.72	52	E	2	O	29.73	-16	55	54	+2	NE	4	O	*	59	50	0.32
Bodö	29.79	42	ENE	4	h	29.97		43	39		E	6	b	4	45	39	0.63
Christiansund	29.75	52	NNE	2	f	29.86	+20	51	50	0	NE	4	O	3	54	43	-
†Skudesnaes	29.76	55	Z	0	O	29.86	+21	55	55	0	Z	0	O	2	59	55	-
Oxö (Xiänsund)	29.73	55	N	2	O	29.84	+19	53	52	-2	N	1	O	1	55	52	-
Skagen (The Skaw)	29.69	55	NE	3	O	29.85	+17	56	55	+1	NE	2	O	1	57	54	0.04
Fanö	29.78	56	WNW	4	O	29.86	+18	56	55	-2	E	1	O	*	61	55	0.08
Cuxhaven	29.72	?	W	5	h	29.87	+20	59	57	-2	W	2	b	*	64	54	0.03
†Sumburgh Head																	
†Stornoway	29.69	54	SE	1	b	29.67	-01	54	52	+2	SE	1	c	1	56	47	-
Wick	29.74	52	SE	3	c	29.73	+01	53	50	+1	S	4	O	3	60	47	-
Nairn	29.72	52	Z	0	b	29.73	+02	51	49	+1	Z	0	b	0	56	44	-
†Aberdeen	29.80	54	S	1	b	29.81	+09	52	51	+1	S	1	O	1	59	46	0.02
Leith	29.77	51	Z	0	b	29.79	+07	52	50	0	S	1	c	*	57	44	0.02
†Shields	29.80	54	ENE	1	b	29.81	+11	54	52	+1	Z	0	m	2	59	47	-
Spurn Head	29.81	58	WSW	2	c	29.84	+11	56	54	+1	S	3	O	3	61	53	-
York	29.83	59	W	1	c	29.85	+12	52	51	-2	S	1	c	*	67	47	-
Nottingham	29.86	57	S	1	b	29.86	+04	55	53	0	SSE	1	c	*	69	47	0.01
†Ardrossan	29.75	57	SSE	2	b	29.72	-00	55	52	+4	ESE	4	m	3	58	50	-
†Mullaghmore	29.60	60	SSE	6	b	29.45	-23	59	56	+6	SE	7	ogw	5	62	52	-
Donaghadee	29.75	55	SSE	2	c	29.68	-07	56	55	0	S	6	O	4	61	50	-
Parsonstown	29.69	58	ESE	3	c	29.49	-25	58	56	+11	ESE	6	O	*	61	46	0.03
Barrow-in-Furness	29.81	57	SE	3	b	29.77	+03	55	52	+1	ESE	4	c	3	62	52	-
†Holyhead	29.80	57	SE	2	c	29.70	-06	57	55	+2	SSE	4	c	3	61	54	-
Liverpool (Bidston)	29.82	59	W	1	b	29.76	-02	54	52	-1	SE	3	c	2	62	51	-
†Valentia	29.57	60	SE	7	mog	29.32	-36	55	54	-2	SE	4	ang	5	61	53	0.63
Roche's Point	29.68	59	S	6	h	29.43	-34	60	59	+3	SSE	8	op	5	61	57	0.42
Pembroke	29.82	58	SSW	3	b	29.65	-15	59	58	+2	SE	4	op	4	61	56	-
†Scilly																	
Prawle Point	29.90	57	SSW	3	c	29.77	-08	58	58	+2	SSE	3	c	3	62	55	-
Hurst Castle	29.90	60	W	5	b	29.83	+02	60	59	0	S	4	ep	4	66	58	0.07
†Dover	29.91	61	WSW	3	b	29.92	+10	59	58	-2	S	2	b	1	66	53	0.03
†London	29.88	61	SW	1	b	29.89	+08	62	57	0	SSE	3	b	*	67	50	-
Oxford	29.89	55	W	1	b	29.84	+04	59	56	0	SSE	3	b	*	68	51	-
Cambridge	29.86	59	SW	1	b	29.88	+08	54	53	-5	S	1	O	*	67	46	-
†Yarmouth	29.85	61	WNW	1	b	29.89	+14	54	53	-5	WSW	1	b	1	65	49	-
The Helder	29.88	59	W	1	O	29.91	+20	54	54	-7	SSW	1	f	1	63	52	-
Cape Gris Nez																	
†Jersey	29.98	58	SW	1	b	29.87	-04	60	58	0	SSE	3	O	3	64	56	-
Brest	29.93	61	SSW	4	O	29.77	-14	61	60	+2	S	5	O	3	63	57	-
Lorient	29.95	63	SW	3	c	29.78	-14	62	61	+1	S	5	O	3	66	59	-
†Roche fort	30.04	69	W	4	b	29.89	-12	60	58	-7	ESE	5	b	2	75	54	-
Biarritz	30.02	62	NE	4	c	29.83	-17	66	60	+3	S	1	b	2	73	59	-
Corunna	*	*	*	*	*			*						*	*	*	
Brussels	*	*	*	*	*	29.96	-10	56	54	-6	SW	1	b	*	67	53	0.04
Charleville	29.93	64	S	3	b	29.98	+06	54	51	-4	NNE	3	b	*	79	51	-
Paris	29.99	67	W	3	b	29.97	+02	59	56	-2	Z	0	O	*	*	*	-
Lyons	30.04	64	S	1	b	30.02	-04	52	52	-9	SW	1	b	*	79	50	0.35
Toulon	30.02	65	ESE	4	b	30.02	-10	63	59	-1	ENE	3	b	3	70	61	-
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.59	52	W	1	b	28.59	+08	49	48	0	N	1	b	*	57	43	-

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.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes ...	29.68	59	54	Z	0	h	Valentia ...	29.64	60	58	S	7	0	7
Sumburgh Head							Scilly ...							
Stornoway ...	29.69	56	53	SSE	4	c	Dover ..	29.86	63	61	SW	3	b	p 2
Aberdeen ...	29.75	56	52	SE	1	c	London ...	29.85	65	61	WSW	2	0	*
Shields ...	29.75	58	55	NW	3	0	Yarmouth ...	29.81	64	59	W	1	b	1
Ardrossan ...	29.75	57	54	SSW	1	c	Jersey ...	29.98	62	57	W	4	b	3
Mullaghmore ...	29.65	58	54	SSE	5	c	Roche fort ...	30.04	75	67	WNW	5	b	c 2
Holyhead ...	29.81	61	57	SW	3	b	Ben Nevis (7466 ft)	25.23	38	38	S	3	0	41
							Bam. m. 19 ft.							35

The barometer is still falling a little at our extreme W. stations, and the wind at Valentia has increased to a moderate gale from S. with dull weather, some rain, and a rough sea. The S. and W. coasts of Ireland were unclouded during the morning.

## EXPLANATION OF COLUMNS.

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

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

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

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



# DAILY WEATHER REPORT

F O R

WEDNESDAY, 21<sup>ST</sup> SEPTEMBER

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 21<sup>ST</sup> SEPT<sup>R</sup> 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.

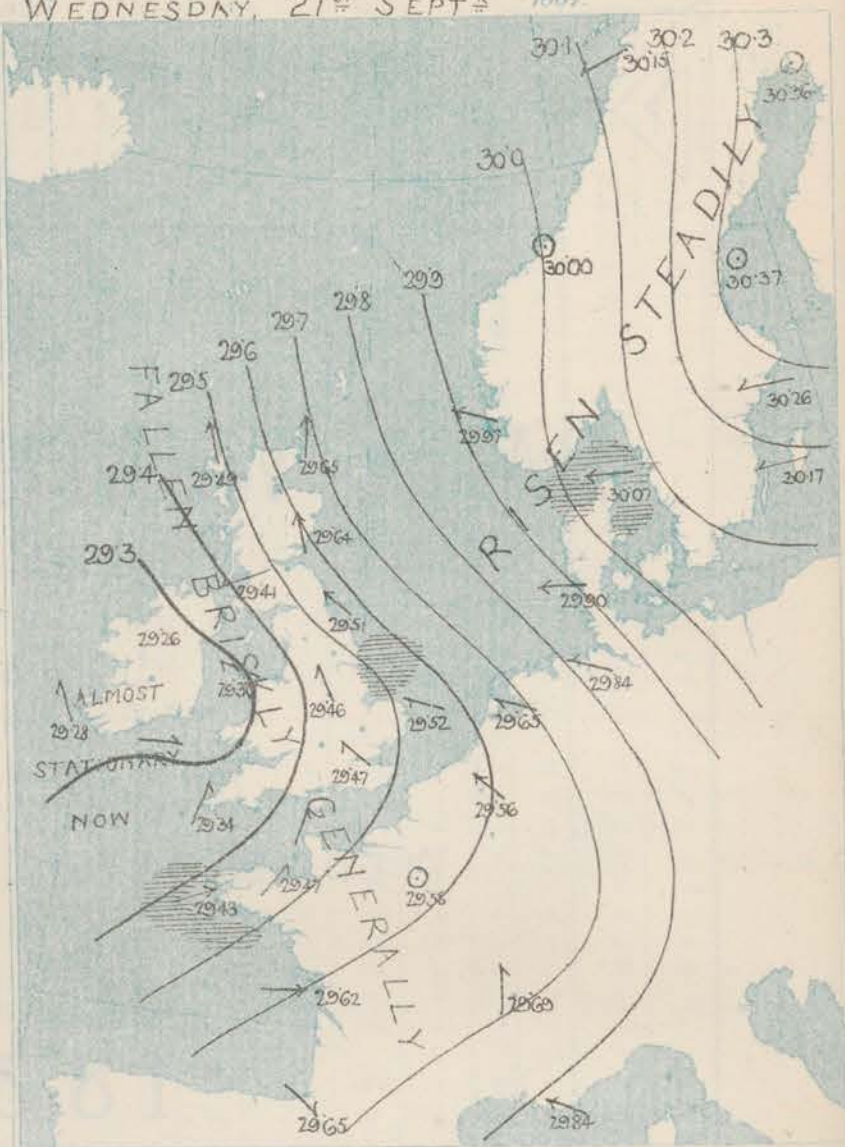
**Wind.** Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force thus:  
 — forces above 10; — forces 8 to 10  
 — forces 5 to 7; — forces 1 to 4.  
 ○ = dead calm.

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

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

Stations.	Mean Readings.
Nairn	29.775
Aberdeen	29.769
Leith	29.814
Scarborough	29.870
Ardrrossan	29.828
Greenock	29.818
Holyhead	29.877
Valentia	29.870
Roche's Pt.	29.875
Plymouth	29.935
LONDON	29.937
Yarmouth	29.918

\* These means are for the 10 years 1876-85. A more complete set of mean values is in course of preparation.



## TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

### Explanation of Map

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

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

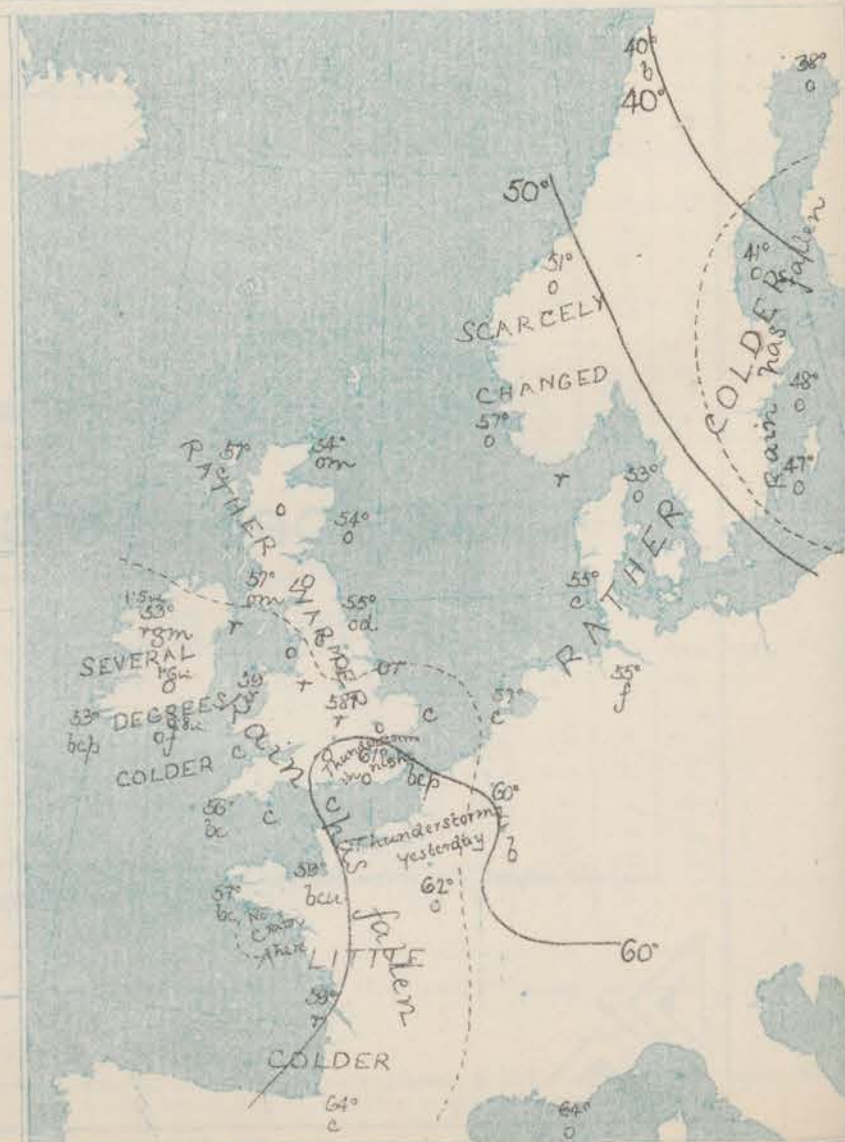
**Rainfall.** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

### MEANS\* OF TEMPERATURE AND RAINFALL

for the month of September

Stations	Temp	Rain-fall
Sunbury Head	57.3	2.11
Sternoway	57.4	2.54
Aberdeen	57.5	2.55
Stuel's	57.8	2.41
York	58.6	3.12
Mullaghmore	58.2	?
Holyhead	57.0	3.51
Parsonstown	58.8	3.88
Valentia	56.9	5.10
Sally (St Mary's)	59.2	4.11
Hurst Castle	59.3	?
Dover	59.5	3.00
LONDON	58.7	2.71
Yarmouth	58.7	3.07

\* The mean Temperatures are those for the 13 years 1867-79; the mean amounts of Rain are those for the 10 years 1876 to 1875.





# REMARKS

for Wednesday 21<sup>st</sup> SEPT 1881 at 8 a.m.

In the course of the past 24 hours the barometer has continued to fall over nearly the whole of our Islands - most in the S. - while it has risen at the Scandinavian stations. The depression in the N. has thus grown deep, and the steepest gradients (for SE<sup>1</sup> winds) have been transferred from our western coast to Scotland and the North Sea. In the S. the gradients are moderate and are favourable for SW<sup>1</sup> winds. Temperature has risen in the N. and NE., but fallen in the SW. and readings range from 53° in Ireland to 61° over our SE<sup>1</sup> counties. SE<sup>1</sup> winds prevail over all the N<sup>1</sup> parts of our Islands, and are fresh to strong in most districts, while the SW<sup>1</sup> breeze which prevails in the SW. and S. is only moderate to fresh. Rain has fallen except in the N. and NE. - very heavily over Ireland. Thunderstorms occurred in Belgium and the NE. of France yesterday and over our SE<sup>1</sup> counties in the night. The sky is overcast except in the SE. and rain still falls in several places. The sea is moderate on almost all our coasts, but is rising in the NE.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

22<sup>nd</sup> SEPT<sup>r</sup>

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	SE <sup>1</sup> winds, strong, a gale at times; dull, much rain.	6 SCOTLAND WEST	SE <sup>1</sup> breezes, fresh to strong; cloudy, occasional rain.
2 SCOTLAND EAST	D°      D°      D°	7 ENGLAND N.W.	----- D° ----- D° ----- D°
3 ENGLAND N.E.	SE <sup>1</sup> gales and strong winds, rainy	8 ENGLAND S.W.	SW <sup>1</sup> breezes, moderate to fresh; changeable, showery.
4 ENGLAND N.W.	E <sup>1</sup> to SE <sup>1</sup> winds, fresh to strong; rain at times	9 IRELAND NORTH	Winds very variable, strong SE <sup>1</sup> on the NE coast; weather changeable and showery.
5 MIDLAND COUNTIES	SE <sup>1</sup> winds, moderate to fresh; squally, rain at times.	10 IRELAND SOUTH	----- D° ----- D° ----- D°
6 ENGLAND SOUTH	S <sup>1</sup> to SW <sup>1</sup> winds, moderate and fresh, showery but inclined to improve.	WARNINGS	The S. cone has been hoisted in districts 0. to 2. this morning, but was lowered in districts 5 to 10 last evening.



# METEOROLOGICAL OBSERVATIONS FOR

21<sup>st</sup> SEPT<sup>r</sup>

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 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	30.42	30	E	2	b	30.36	+0.8	38	34	+10	2	0	0	*	41	23	-		
Hernösand	30.33	42	W	0	b	30.37	+1.0	41	39	-5	2	0	0	*	50	39	0.08		
Stockholm	30.11	48	E	6	o	30.26	+1.6	48	42	-4	E	2	0	*	54	46	0.08		
Wishy	29.92	51	NNE	4	h	30.17	+1.4	47	42	-8	E	4	0	*	57	?	0.04		
Borö	30.16	41	E	3	b	30.15	+1.8	40	37	-3	ENE	2	b	1	50	39	-		
Christiansund	29.92	51	Z	0	b	30.00	+1.4	51	50	0	Z	0	0	0	57	39	-		
Skudesnæs	29.93	57	SSE	1	o	29.97	+1.1	57	52	+2	ESE	6	0	h	?	55	-		
Örö (Ningsund)	29.96	56	ENE	4	o	30.03	+1.9	54	52	+1	E	8	h	h	59	?	-		
Skagen (The Skaw)	29.97	57	ENE	4	o	30.07	+2.2	53	51	-3	E	6	0	5	59	52	-		
Faro	29.91	56	E	3	o	29.90	+0.4	55	54	-1	E	5	0	*	63	54	-		
Cuxhaven	29.91	?	N	1	bc	29.84	-0.3	55	55	-4	ESE	4	f	*	59	50	-		
†Sumburgh Head																			
†Stornoway	29.89	51	SE	3	c	29.49	-1.8	57	55	+3	SSE	5	0	4	61	51	-		
Wick	29.72	53	S	5	bc	29.65	-0.8	54	53	+1	S	5	om	h	57	52	-		
Nairn	29.66	57	W	1	c	29.60	-1.3	56	54	+5	E	2	0	1	62	50	-		
†Aberdeen	29.76	53	SSE	4	o	29.64	-1.7	54	53	+2	SE	5	0	4	58	50	-		
Leith	29.68	57	ENE	1	bc	29.52	-2.7	56	54	+4	S	2	0	*	64	51	-		
†Shields	29.71	56	S	3	c	29.51	-3.0	55	54	+1	SE	5	od	4	61	52	-		
Spurn Head	29.74	57	SE	5	o	29.45	-3.9	58	57	+2	ESE	6	om	5	62	53	0.01		
York	29.73	61	ESE	2	o	29.47	-3.8	58	56	+6	ESE	3	0	*	69	50	-		
Nottingham	29.70	61	SSE	3	b	29.46	-4.0	58	57	+3	SSE	2	h	*	71	54	0.10		
†Ardrossan	29.60	60	ESE	4	om	29.41	-3.1	57	55	+2	ENE	4	om	3	62	54	-		
†Mullaghmore	29.32	62	SE	7	o	29.26	-1.9	53	53	-6	?	2	ogr	1	65	52	1.24		
Donaghadee	29.33	58	SSW	6	c	29.34	-3.4	56	56	0	SSE	6	h	h	59	55	0.38		
Parsonstown	29.34	58	SE	1	h	29.26	-2.3	53	52	-5	Z	0	0	*	63	52	1.57		
Barrow-in-Furness	29.61	60	ESE	3	c	29.39	-3.8	58	57	+3	ESE	5	0	4	65	54	0.04		
†Holyhead	29.34	62	SE	3	cq	29.30	-4.0	59	58	+2	ESE	2	h	1	64	56	0.37		
Liverpool (Biston)	29.61	62	ESE	4	o	29.36	-4.0	58	57	+4	ESE	3	h	2	67	54	0.15		
†Valentia	29.28	56	SW	2	og	29.28	-0.4	53	52	-2	SSE	1	bc	1	59	49	0.25		
Roche's Point	29.31	57	S	4	h	29.29	-1.4	52	51	-8	W	2	of	4	61	49	0.75		
Pembroke	29.46	61	SE	7	o	29.27	-3.8	57	55	-2	SSW	4	c	h	63	55	0.41		
†Scilly																			
Prawle Point	29.52	60	ESE	5	c	29.39	-3.8	56	54	-2	SSW	4	c	4	61	54	0.02		
Hurst Castle	29.61	62	ESE	4	cq	29.41	-4.2	60	59	0	SSW	3	c	4	64	59	0.33		
†Dover	29.73	63	E	2	b	29.49	-4.3	61	59	+2	S	4	bc	2	64	59	0.04		
†London	29.70	63	SE	3	c	29.47	-4.2	61	59	-1	SE	3	0	*	69	58	0.33		
Oxford	29.69	62	SE	3	c	29.41	-4.3	60	59	+1	SSE	2	0	*	69	59	0.05		
Cambridge	29.72	59	SSE	1	o	29.45	-4.3	60	59	+6	SE	1	0	*	69	53	0.10		
†Yarmouth	29.79	59	SE	2	bc	29.52	-3.7	59	58	+5	ESE	4	c	4	61	53	0.01		
The Helder	29.84	57	SW	1	b	29.65	-2.6	57	55	+3	ESE	3	c	2	66	54	-		
Cape Gris Nez	29.76	66	SE	1	bc	29.52	-4.0	61	59	-	SSE	4	0	2	72	55	0.28		
†Jersey	29.59	64	SE	3	c	29.47	-4.0	59	57	-1	SW	4	bc	3	66	55	0.15		
Brest	29.50	62	SW	7	h	29.43	-3.4	57	53	-4	WSW	5	bc	5	63	52	0.35		
Lorient	29.64	64	SE	5	o	29.46	-3.2	59	55	-3	SW	5	c	2	70	55	-		
†Rochefort	29.66	71	S	5	o	29.62	-2.4	59	56	-1	W	5	h	2	79	55	0.12		
Biarritz	29.63	74	ESE	5	bc	29.65	-1.8	64	61	-2	NW	4	c	3	77	61	0.04		
Corunna	*	*	*	*	*			*						*	*	*			
Brussels	*	*	*	*	*	29.56	-4.0	60	57	+4	SE	5	t	*	68	56	-		
Charleville	29.86	64	S	4	b	29.61	-3.7	59	55	+5	S	4	b	*	75	?	-		
Paris	29.76	68	E	1	b	29.58	-3.9	62	60	+3	Z	0	0	*	*	*	0.43		
Lyons	29.77	68	S	5	o	29.69	-3.3	67	62	+15	S	3	0	*	77	?	-		
Toulon	29.93	63	E	4	o	29.84	-1.8	64	64	+1	ESE	5	0	3	73	63	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.48	57	SE	2	om	28.24	-35	53	53	+4	E	3	0	*	61	49	0.01		

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

Hawes Junction	28.48	57	SE	2	om	28.24	-3.5	53	53	+4	E	3	0	61	49	0.01		
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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 ...	29.91	58	57	Z	0	2	Valentia ...	29.27	57	56	S	h	op	h
Sumburgh Head							Scilly ...							
Stornoway ...	29.65	60	57	ESE	3	bc	Dover ..	29.82	64	61	SE	1	b	1
Aberdeen ...	29.78	55	53	SSE	3	c	London ...	29.79	68	61	SE	3	c	*
Shields ...	29.74	58	56	SSE	4	m	Yarmouth ...	29.84	60	57	SSE	2	b	2
Ardrossan ...	29.64	59	56	ESE	5	c	Jersey ...	29.70	64	62	ESE	3	c	3
Mullaghmore ...	?	64	59	SE	7	o	Rochefort ...	29.75	76	66	SE	5	c	2
Holyhead ...	29.62	64	60	SSE	6	cq	Ben Nevis (4906 Ft.)							
							Sam on 20 <sup>th</sup>	25.23	87	37	SE	6	o	Max 39

The fall of the barometer in the W. has been checked considerably during the morning, but a brisk fall is still in progress over our S. districts and the W. of France. The S. wind is backing a little and increasing in force over Gt. Britain but seems inclined to hold in the extreme W. of Ireland.

## 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.  
 at 11 a.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, 22<sup>ND</sup> SEPTEMBER

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

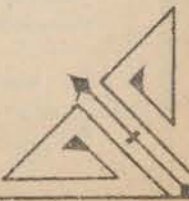
S. W.

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ROBERT H. SCOTT

(SECRETARY.)



*Printed by Dargerfeld, 116, Victoria St. (opposite Garden.)*



# WEATHER CHARTS

for 8 a.m. on THURSDAY, 22<sup>ND</sup> SEPT<sup>R</sup> 1881

## BAROMETER, WIND & SEA

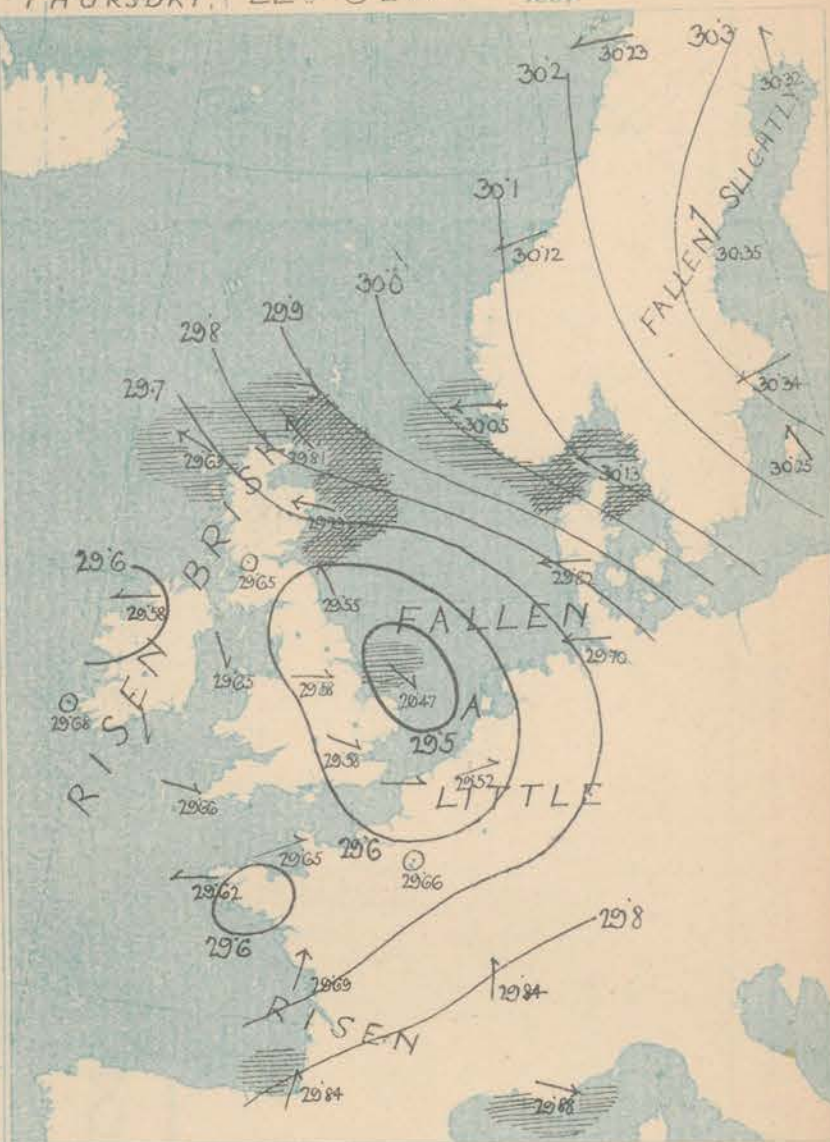
### Explanation of Map.

**Barometer.** Isobars are drawn for each tenth of an inch.  
Changes in height of barometer since previous morning are stated in words.  
**Wind.** Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:  
— forces above 10; — forces 8 to 10  
— forces 5 to 7; — forces 1 to 4;  
○ - dead calm.  
**Sea Disturbance;** where considerable, is shown by shading round the coast; thus — Rough; — High.

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

Stations.	Mean Readings
Nairn	29.773
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrossan	29.828
Greenock	29.818
Holyhead	29.857
Valentia	29.872
Roche's Pt.	29.875
Plymouth	29.935
LONDON	29.937
Yarmouth	29.918

\* 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.

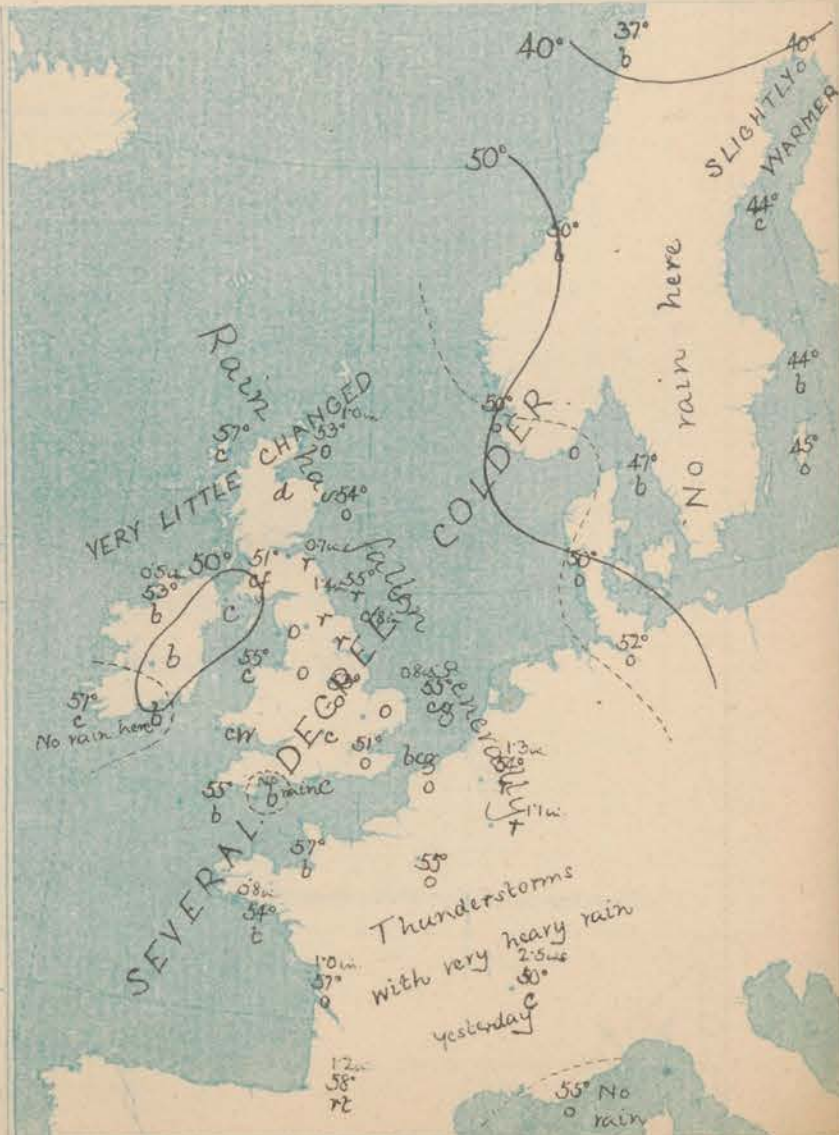
### Explanation of Map

**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 September

Stations	Temp.	Rain-fall
Sumburgh Head	52.3	2.14
Sutton	52.4	4.56
Aberdeen	51.8	3.58
Stuel's	55.8	2.81
York	56.8	5.12
Mullaghmore	59.2	?
Holyhead	57.0	4.54
Parsonstown	55.8	3.68
Valentia	56.4	5.19
Sally (St. Mary's)	59.2	4.61
Hurst Castle	59.3	?
Dover	59.5	3.00
LONDON	59.2	2.71
Yarmouth	58.7	3.07

\* 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 22<sup>ND</sup> SEPT 1881 at 8 a.m.

A slight decrease of pressure has occurred during the past night over the southern portion of the North Sea, while in nearly all other places a decided increase has occurred. The changes have caused the small depression which last evening lay over our SE. counties to become deeper, and a well marked depression is now shown between Portsmouth and the Dutch coast, while at the same time small subsidiary disturbances lie over the W. of France and north of Ireland. Pressure is highest over Scandinavia, and gradients are rather steep over the North Sea. The wind is E<sup>8</sup> to SE<sup>2</sup> over Denmark, Norway and Scotland; it blows strongly or with the force of a gale, but on our other coasts and over France light to moderate breezes between SW. and NW. are reported. A fresh to strong gale was experienced in the NE. of Scotland last night. Fine weather prevails this morning in our W. districts, but in the E. the sky is cloudy, while thunderstorms are reported from France, and rain from Scotland and the N. of England, the fall of rain in both districts being very heavy. Temperature has fallen in nearly all places the change in the SE. amounting to 10°. Readings at present range from 58° at Gravesend to 47° at Portmarnock and 49° at Oxford. The sea is very rough off the NE. coast of Scotland.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the  
23<sup>RD</sup> SEPTEMBER.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	SE <sup>2</sup> to E <sup>2</sup> winds, strong to a gale; dull, rainy.
2 SCOTLAND EAST	-----D <sup>0</sup> -----D <sup>0</sup> -----D <sup>0</sup> -----
3 ENGLAND NE	Variable to N <sup>2</sup> breezes, light; rainy to fair.
4 ENGLAND EAST	NW <sup>2</sup> to W <sup>2</sup> breezes, moderate; cloudy to fair.
5 MIDLAND COUNTIES	W <sup>2</sup> to N <sup>2</sup> breezes, light; fair, cool.
6 ENGLAND SOUTH	W <sup>2</sup> or variable breezes, light; cloudy but fair, cool night.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	E <sup>2</sup> to N <sup>2</sup> breezes, light; fair.
7 ENGLAND N.W.	NW <sup>2</sup> and N <sup>2</sup> breezes, light and moderate; fair.
8 ENGLAND S.W.	Same as N <sup>o</sup> 5.
9 IRELAND NORTH	Same as N <sup>o</sup> 6.
10 IRELAND SOUTH	Light N <sup>2</sup> breezes, fair, cool.
WARNINGS	The S. cone still lies in districts N <sup>o</sup> 1 & 2.



# METEOROLOGICAL OBSERVATIONS FOR

22<sup>nd</sup> SEPT<sup>r</sup>

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	29.31	57	SW	2	b	30.31	-0.05	40	39	+2	S	2	0	*	41	27	-		
Hernösand ...	29.41	43	Z	0	o	30.35	-0.02	44	42	+3	S	2	0	*	46	36	-		
Stockholm ...	29.31	43	NE	2	b	20.34	+0.08	44	41	+4	ENE	2	b	*	54	41	-		
Wisby ...	29.22	46	E	4	o	30.25	+0.08	45	42	-2	SSE	4	0	*	52	43	-		
Bodö ...	30.19	41	ENE	2	b	30.23	+0.08	37	35	-3	E	2	b	1	50	32	-		
Christiansund ...	30.11	51	ENE	1	b	30.12	+0.12	50	45	-1	ENE	3	b	2	51	39	-		
†Skudesnaes ...	30.00	54	E	6	b	30.05	+0.08	50	43	-7	E	8	b	5	63	?	-		
Oxö (Kjansund) ...	30.06	52	E	8	o	30.09	+0.06	49	46	-5	E	8	0	5	54	48	0.04		
Skagen (The Skaw) ...	30.13	49	E	7	b	30.15	+0.08	47	44	-6	E	7	b	7	55	45	-		
Fanö ...	29.85	54	E	6	o	29.82	-0.08	50	47	-5	E	6	0	*	59	48	-		
Cuxhaven ...	29.76	?	ESE	6	bc	29.70	-0.14	52	50	-3	E	7	0	*	59	50	-		
†Sumburgh Head ...	29.48	55	ESE	5	h	29.63	+0.14	57	55	0	ESE	6	c	6	61	54	0.11		
†Stornoway ...	29.63	55	SE	7	oam	29.81	+0.16	53	51	-1	SE	7	0	7	58	51	0.03		
Wick ...	29.51	57	SE	3	o	29.71	+0.11	55	54	-1	SE	5	d	3	58	50	0.05		
Nairn ...	29.60	55	SE	6	h	29.73	+0.09	54	53	0	ESE	6	0	8	58	52	1.01		
†Aberdeen ...	29.44	57	S	2	h	29.64	+0.12	54	53	-2	NW	1	h	*	59	49	0.70		
Leith ...	29.45	55	SE	6	h	29.55	+0.04	55	55	0	SE	2	h	4	56	53	1.40		
†Shields ...	29.45	55	SE	6	h	29.55	+0.04	55	55	0	SE	2	h	4	56	53	1.40		
Spurn Head ...	29.45	59	SE	1	o	29.55	+0.08	53	52	-5	NW	3	h	*	61	52	0.46		
York ...	29.51	57	SSE	1	o	29.58	+0.12	53	52	-5	W	1	0	*	66	48	0.01		
Nottingham ...	29.39	57	ENE	2	pm	29.65	+0.24	51	50	-6	Z	0	of	0	58	48	0.26		
†Ardrossan ...	29.21	54	SSW	4	pg	29.58	+0.32	53	51	0	E	3	b	2	58	52	0.52		
†Mullaghmore ...	29.36	55	S	3	e	29.64	+0.30	48	48	-8	W	1	e	0	59	42	0.38		
Donaghadee ...	29.35	52	S	1	o	29.66	+0.40	47	46	-6	S	1	b	*	54	42	0.21		
Parsonstown ...	29.49	51	S	3	c	29.56	+0.17	53	51	-5	NNE	1	0	2	62	52	0.44		
Barrow-in-Furness ...	29.40	54	SSW	3	c	29.65	+0.35	55	53	-4	NW	3	c	2	62	49	0.06		
†Holyhead ...	29.42	58	SSW	1	b	29.60	+0.24	54	51	-4	WNW	3	0	2	62	50	0.07		
Liverpool (Biddon) ...	29.37	56	WNW	1	bc	29.68	+0.40	57	55	+4	Z	0	e	1	63	47	-		
†Valentia ...	29.40	57	WSW	3	bc	29.67	+0.38	50	48	-2	WNW	2	b	3	63	45	-		
Roche's Point ...	29.40	57	WSW	3	bc	29.67	+0.38	50	48	-2	WNW	2	b	3	63	45	-		
Pembroke ...	29.40	57	SSW	4	bc	29.63	+0.36	57	56	0	NW	1	cw	2	58	48	0.02		
†Scilly ...	29.50	58	WSW	3	b	29.63	+0.24	58	56	+2	N	1	b	2	60	48	-		
Prawle Point ...	29.49	57	WNW	3	bc	29.61	+0.20	50	49	-10	Z	0	e	2	62	47	0.01		
Hurst Castle ...	29.49	59	WSW	3	b	29.53	+0.04	54	52	-7	NW	3	bcg	1	63	53	0.12		
†Dover ...	29.48	59	SW	2	bc	29.58	+0.11	51	49	-10	WNW	1	0	*	64	48	0.02		
†London ...	29.50	55	SE	1	bc	29.59	+0.18	49	47	-11	W	1	c	*	64	46	0.01		
Oxford ...	29.49	60	S	1	o	29.54	+0.09	53	51	-7	NW	1	0	*	65	51	0.19		
Cambridge ...	29.48	59	SE	1	c	29.47	-0.05	53	53	-4	NW	4	cg	4	60	53	0.84		
†Yarmouth ...	29.48	59	SE	1	c	29.47	-0.05	53	53	-4	NW	4	cg	4	60	53	0.84		
The Helder ...	29.52	59	SSW	4	c	29.50	+0.01	55	55	-6	W	4	0	3	64	55	0.20		
Cape Gris Nez ...	29.54	59	Z	0	bcg	29.65	+0.18	57	54	-2	WSW	1	b	1	63	51	0.16		
†Jersey ...	29.54	57	W	5	h	29.62	+0.19	51	50	-6	E	3	0	5	61	50	0.04		
Brest ...	29.54	58	WSW	5	c	29.53	+0.07	54	54	-5	W	1	t	4	64	50	0.83		
Lorient ...	29.67	61	W	8	c	29.69	+0.07	57	52	-2	SW	5	0	2	72	50	0.95		
†Rocheport ...	29.73	64	W	7	c	29.84	+0.19	58	52	-6	SSW	4	nt	5	70	52	1.18		
Biarritz ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Corunna ...	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels ...	29.52	59	ESE	3	b	29.57	-0.04	54	50	-5	S	1	h	*	71	53	1.38		
Charleville ...	29.51	59	ESE	3	b	29.57	-0.04	54	50	-5	S	1	h	*	71	53	1.38		
Paris ...	29.55	61	Z	0	o	29.66	+0.08	55	50	-7	Z	0	0	*	*	*	0.08		
Lyons ...	29.52	56	NW	5	h	29.84	+0.15	50	48	-17	S	1	0	*	74	47	2.45		
Toulon ...	29.78	66	SE	5	m	29.88	+0.04	55	51	-4	WNW	5	0	5	70	54	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.22	55	ESE	1	o	28.45	+0.23	49	49	-4	NNE	2	h	*	58	47	0.57		

## HIGH LEVEL STATION.

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

Hawes Junction	29.22	55	ESE	1	o	28.45	+0.23	49	49	-4	NNE	2	h	*	58	47	0.57
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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 ...	29.99	62	54	ESE	6	bc	4	Valentia ...	29.32	62	57	SW	3	bc	4
Sumburgh Head								Scilly ...							
Stornoway ...	29.50	59	57	ESE	6	c	5	Dover ..	29.48	61	61	SW	3	bc	1
Aberdeen ...	29.60	56	55	SE	h	om	4	London ...	29.47	63	60	SW	3	o p	*
Shields ...	29.45	55	55	SE	6	h	5	Yarmouth ...	29.49	60	60	SE	3	e	3
Ardrossan ...	29.37	57	56	ENE	3	h	3	Jersey ...	29.53	63	57	WSW	3	b	3
Mullaghmore ...	29.21	54	54	NW	1	h	1	Rocheport ...	29.63	63	57	SW	7	o	3
Holyhead ...	29.33	60	58	S	3	c	2	Ben Nevis (4906 ft.) 9 a.m. on 21st.	25.02	41	41	SE	9	om	43

Pressure has begun to increase a little in the N.W. and the disturbances are travelling N.W. The winds are little changed and the weather remains cloudy 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

FRIDAY, 23<sup>RD</sup> SEPTEMBER.

1881.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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

ROBERT H. SCOTT

(SECRETARY.)



for 8 a.m. on FRIDAY, 23<sup>RD</sup> SEPTEMBER 1881

*Explanation of Map.*

Sea dead calm.  
Sea Disturbance, where considerable is  
shown by shading round the coast.  
this  Rough  High

## for the month of September

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



WITH RAINFALL in PAST 24 HOURS

### 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 September

§ The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 16 years 1866 to 1875.





# REMARKS

for.....Friday.....23<sup>RD</sup> SEPT.....1881.....at 8 a.m.

During the past twenty four hours the barometer has risen over the whole of Western Europe, the change varying from about half an inch on our NE. coast to about two tenths in the W. of Ireland and one tenth in Sweden. The small depression noticed in the SE. yesterday is still shown there, while a second is shown off the W. of Ireland, the area of highest pressure continuing steadily over Scandinavia. The general distribution is not much altered and the wind consequently remain the same, blowing from E. over the North Sea and our East coast, from SE. in Scotland, from S. and SE. in Ireland, and from varying directions in the SE. In the E. the wind is strong and in Ireland fresh. The weather is fine over France, the SW. of England, and W. of Scotland, but is dull elsewhere, with mist and drizzling rain in many places. The rainfall has again been very heavy in the N. of England. Temperature has fallen in most places and ranges from 58° at Roches Point to 48° at Parsonstown and 51° in the E. of Scotland. The sea is still very rough on our NE. coast, and is rising at Yarmouth and Valparaiso.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

24<sup>TH</sup> SEPTEMBER

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

## DISTRICTS

## FORECASTS

1	SCOTLAND NORTH	SE <sup>W</sup> winds, moderate and fresh; dull, misty on coast, fine inland.
2	SCOTLAND EAST	-----D°-----D°-----D°-----
3	ENGLAND N.E.	E <sup>W</sup> to SE <sup>W</sup> winds, fresh; cloudy, misty rain.
3	ENGLAND EAST	E <sup>W</sup> and NE <sup>W</sup> breezes, moderate and fresh; dull, unsettled.
4	MIDLAND COUNTIES	E <sup>W</sup> and SE <sup>W</sup> breezes, light; dull, some rain.
5	ENGLAND SOUTH	Light variable breezes; cloudy, unsettled, rain.

## DISTRICTS

## FORECASTS

6	SCOTLAND WEST	SE <sup>W</sup> breezes, moderate and fresh; fair to rainy.
7	ENGLAND N.W.	E <sup>W</sup> and SE <sup>W</sup> breezes, light or moderate; dull, misty.
8	ENGLAND S.W.	Variable to E <sup>W</sup> and SE <sup>W</sup> breezes, moderate; cloudy, misty then rain.
9	IRELAND NORTH	SE <sup>W</sup> and S <sup>W</sup> winds, moderate and strong; dull, misty, some rain.
10	IRELAND SOUTH	-----D°-----D°-----D°-----
WARNINGS		NONE ISSUED.



## METEOROLOGICAL OBSERVATIONS FOR

25<sup>th</sup> SEPT<sup>r</sup>

1881.

YESTERDAY EVENING.							8 A.M. TO DAY.							PAST 24 HOURS.				
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.		
Haparanda	30.21	39	SW	2	b	30.25	-0.6	34	32	-6	NW	2	b	*	46	34	-	
Bernösand	30.27	46	Z	0	o	30.41	+0.6	45	43	+1	Z	0	b	*	50	39	-	
Stockholm	30.34	41	W	2	b	30.38	+0.4	45	42	+1	NNW	2	o	*	52	39	-	
Wistby	30.24	44	E	2	b	30.36	+1.1	48	44	+3	SE	2	c	*	50	41	-	
Bodö	30.29	39	?	2	c	30.30	+0.7	39	37	+2	SE	2	c	*	48	36	-	
Christiansund	30.17	48	NE	1	c	30.29	+1.7	44	43	-6	S	1	b	1	57	32	-	
†Skudesnes																		
Orö (Xiansund)	30.18	51	E NE	8	o	30.36	+2.7	48	43	-1	E NE	6	c	4	?	46	-	
Skagen (The Skaw)	30.26	46	E	6	c	30.38	+2.3	47	42	0	E	6	c	6	48	46	-	
Fano	30.02	47	E	8	b	30.21	+3.9	48	44	-2	E	6	c	*	54	46	-	
Cuxhaven	29.78	56	E	7	o	30.08	+3.8	48	46	-4	E	5	b	*	52	45	-	
†Sumburgh Head																		
†Stornoway	29.82	55	SSE	7	o	30.03	+4.0	54	52	-3	SE	5	b	4	61	50	-	
Wick	30.00	51	SE	7	o	30.19	+3.8	52	50	-1	SE	7	o	7	54	52	-	
Nairn	29.92	52	SE	3	c	30.14	+4.3	51	48	-4	SE	3	b	2	59	50	-	
†Aberdeen	29.98	52	EE	6	o	30.20	+4.7	51	48	-3	SE	5	o	7	55	50	0.01	
Leith	29.86	53	SSE	1	o	30.12	+4.8	51	50	-3	SSE	3	c	*	55	50	0.42	
†Shields	29.80	53	E	5	2	30.10	+6.5	51	51	-4	E	5	2	7	55	50	0.82	
Spurn Head	29.66	54	E NE	6	o	30.06		52	52		E NE	6	o	6	56	53	0.12	
York	29.73	54	E	1	2	30.03	+4.8	52	51	-1	E	1	m	*	56	50	1.09	
Nottingham	29.72	56	WNW	1	2	29.98	+4.0	53	52	0	E NE	2	o	*	63	51	0.31	
†Ardrossan	29.80	58	NE	4	2 f	30.06	+4.1	52	51	+1	E NE	4	cm	2	56	50	0.17	
†Mullaghmore	29.78	57	WNW	1	b c	29.93	+3.5	51	50	-2	ESE	4	ogm	3	62	50	-	
Donaghadee	29.81	56	NW	1	b c	30.01	+3.7	55	54	+7	ESE	3	o	1	61	47	0.06	
Parsonstown	29.83	55	Z	0	b	29.97	+3.1	46	45	-1	Z	0	c	*	62	41	-	
Barrow-in-Furness	29.75	58	NNE	2	2	30.01	+4.5	53	52	0	NE	2	o	2	58	52	0.04	
†Holyhead	29.79	55	WNW	2	b	29.99	+3.4	55	54	0	E	4	og	3	58	53	-	
Liverpool (Bidston)	29.75	55	WNW	3	2	30.02	+4.2	53	51	-1	E NE	1	o	1	57	53	0.01	
†Valentia	29.81	58	SSE	3	b c	29.86	+1.8	57	56	0	ESE	6	dmg	6	60	53	-	
Roche's Point	29.82	57	WSE	3	b c	29.95	+2.8	58	56	+8	SSE	5	o	4	63	46	-	
Pembroke	29.82	56	W	3	b	29.96	+2.8	52	51	-5	E NE	2	f	2	59	52	-	
†Scilly																		
Prawle Point	29.82	56	WNW	3	b	29.97	+3.4	57	55	-1	NNW	2	b	2	67	49	-	
Hurst Castle	29.74	60	NNW	4	c	29.93	+3.2	55	54	+5	NNE	3	cq	2	63	49	0.06	
†Dover	29.60	59	W	2	o m	29.87	+3.4	56	55	+2	Z	0	bcm	1	59	54	0.02	
†London	29.67	55	NW	3	o 2	29.90	+3.2	54	54	+3	NW	1	ofg	*	60	50	0.21	
Oxford	29.70	53	W	6	2	29.93	+3.4	53	52	+4	NW	2	2	*	59	48	0.18	
Cambridge	29.59	55	NW	1	2	29.93	+2.9	56	56	+3	NE	1	o	*	59	52	0.30	
†Yarmouth	29.55	56	E NE	6	c	29.94	+4.7	56	55	+1	E	6	cq	6	57	53	0.61	
The Helder	29.66	54	E	1	o	30.00	+5.4	46	44	-11	E	4	o	2	?	46	0.16	
Cape Gris Nez																		
†Jersey	29.85	58	WNW	3	b c	30.02	+3.7	58	55	+1	NW	3	b	3	62	55	-	
Brest	29.88	59	NNW	3	o	29.99	+3.7	53	53	+2	E	3	b c	4	60	50	-	
Lorient	29.87	59	NW	4	b	30.00	+4.7	53	52	-1	E	3	b	5	64	52	-	
†Rochefort	29.86	63	NW	8	b c	30.04	+3.5	57	56	0	SE	4	b c	2	66	50	0.08	
Barrilla																		
Cerunna	*	*	*	*	*			*						*	*	*		
Brussels	*	*	*	*	*	29.94	+4.2	55	53	+1	SW	3	b	*	57	52	0.63	
Charleville	29.73	54	SW	1	o	29.97	+4.0	49	48	-5	S	3	f	*	59	45	0.20	
Paris	29.75	59	NNE	1	o	29.98	+3.2	56	53	+1	Z	0	o	*	*	*	-	
Lyons	29.84	58	W	4	o	30.07	+2.3	51	50	+1	SW	7	b	*	61	49	0.12	
Toulon	29.90	60	WNW	8	o	29.97	+0.9	55	50	0	WNW	7	b	7	68	54	-	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																		
Hawes Junction	28.52	52	E NE	3	2	28.79	+3.4	48	40	-1	E	2	2	*	58	47	0.27	

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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		
Skudeanaes ...	30.10	57	46	E	6	6	4	Valentia ...	29.79	59	56	WSW	3	0	4
Sumburgh Head								Scilly ...							
Stornoway ...	29.75	58	56	SE	5	C	6	Dover ..	29.60	59	55	W	2	0	1
Hardeen ...	29.88	53	52	ESE	6	d	8	London ...	29.63	60	56	NW	2	0	*
Shields ...	29.68	54	54	ESE	5	A	6	Yarmouth ...	29.52	54	54	WNW	3	2	4
Ardrossan ...	29.72	55	54	NW	2	A	1	Jersey ...	29.77	62	56	NW	3	6	3
Mullaghmore ...	29.72	57	55	WSW	4	ogmp	2	Rochefort ...	29.72	61	57	WNW	4	2	7
Holyhead ...	29.74	58	55	WNW	4	bc	3	Ben Nevis (4406 ft)	25.24	39	39	Z	0	0	
								9 am on 22nd							
												</			

Pressure has increased everywhere, the change being greatest in the NE. The disturbance in the SE has not changed its position much but the SE<sup>ly</sup> gale in the N. of Scotland has recommenced, while rain continues all along the NE. coast.

EXPLANATION OF COLUMNS.

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

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

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

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



# DAILY WEATHER REPORT

FOR

SATURDAY, 24<sup>TH</sup> SEPTEMBER.

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.)





for 8 a.m. on SATURDAY, 24<sup>th</sup> SEPTEMBER 1887

*Explanation of Map.*

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

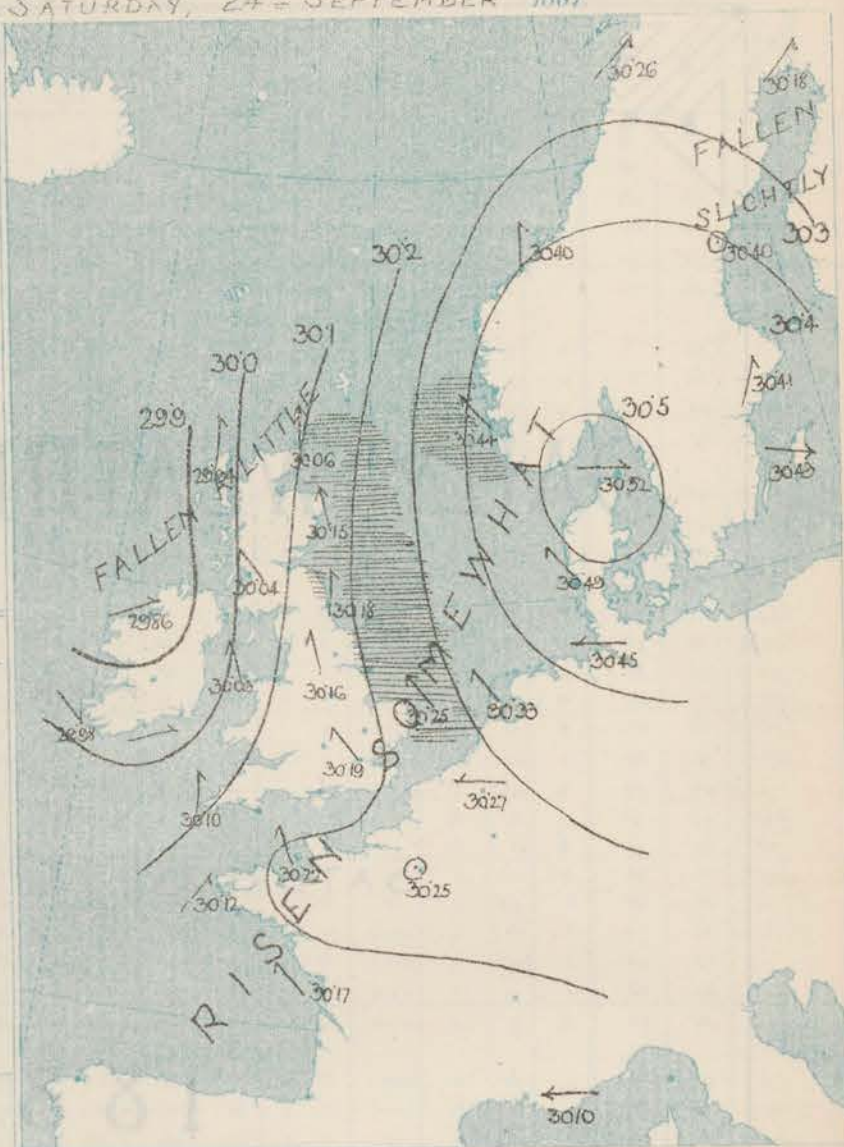
$\rightarrow$  = forces above 10;  $\rightarrow$  = forces 8 to 10  
 $\rightarrow$  = forces 5 to 7;  $\rightarrow$  = forces 1 to 4

① = dead calm.

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

for the month of September

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



## with RAINFALL in PAST 24 HOURS.

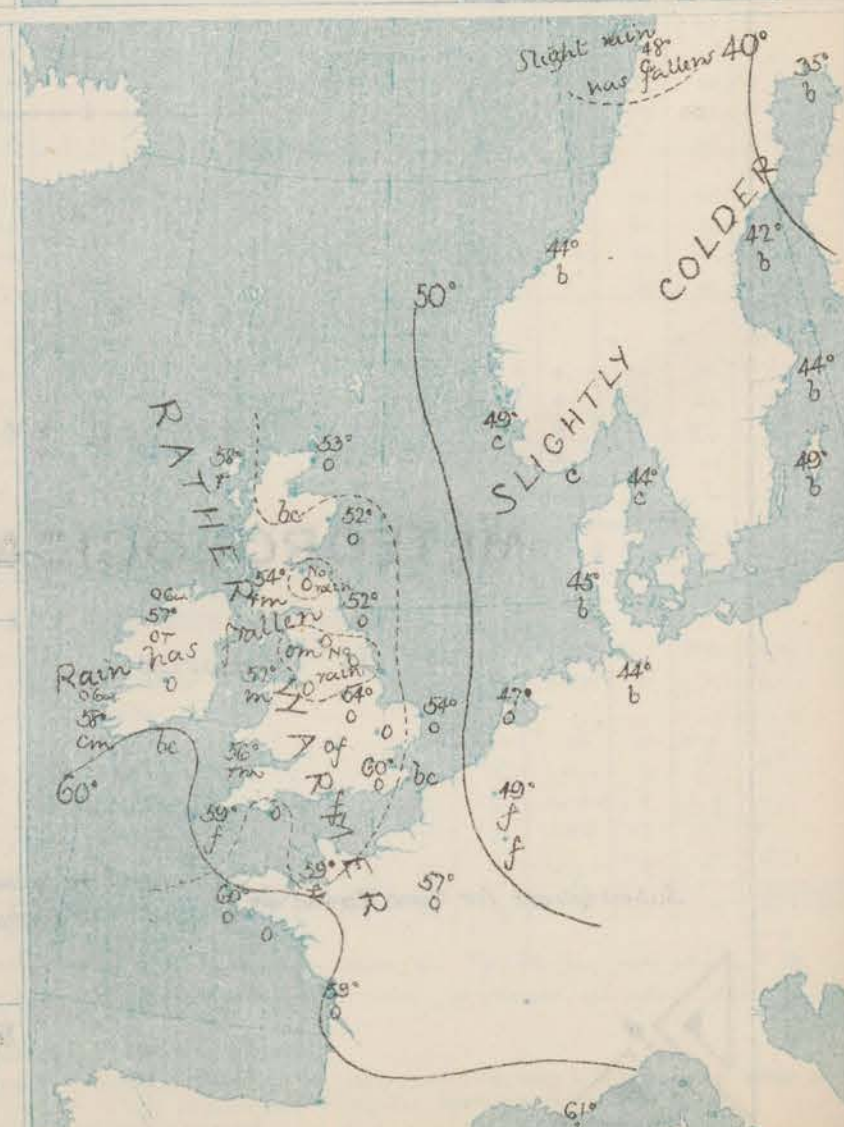
Temperature. Isotherms are drawn for each 10° changes in temperature since previous morning are stated in words.

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

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

for the month of September.

\* 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 24<sup>th</sup> SEPT<sup>R</sup> 1887 at 8 a.m.

During the past night a small and shallow elongated depression has advanced to our north-west coast, and the barometer is falling all over the N<sup>o</sup> parts of the Kingdom, but in the south, over France, and nearly the whole of Scandinavia the barometer is rising. The area of highest pressure which yesterday lay over the Gulf of Bothnia is passing southward, and is now shown over the Skagerrack. A light NW<sup>ly</sup> breeze is reported at Valentia, and a SW<sup>ly</sup> breeze in other parts of the N. of Ireland, but elsewhere the wind varies between SE. and S., and though light or moderate generally still blows freshly or strongly in the E. and NE. Rain is falling at most of our N<sup>o</sup> and NW<sup>o</sup> stations, but in most other parts of these Islands and France the weather though cloudy is dry. In Sweden and Denmark the sky is nearly clear. Some rain has fallen in most districts, the amount exceeding half an inch in the W. of Ireland. Temperature has risen somewhat and ranges from 60° in London to 52° at Aberdeen. The sea is rough in the NE.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

25<sup>th</sup> SEPTEMBER

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

### DISTRICTS

### FORECASTS

1	SCOTLAND NORTH	S <sup>ly</sup> winds, moderate and strong; dull, some rain then fair.
2	SCOTLAND EAST	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
3	ENGLAND NE	S <sup>ly</sup> and SW <sup>ly</sup> breezes, light to moderate; cloudy, fair.
4	ENGLAND EAST	SE <sup>ly</sup> to S <sup>ly</sup> light breezes; cloudy, fair.
5	MIDLAND COUNTIES	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
6	ENGLAND SOUTH	S <sup>ly</sup> breezes, light; hazy and rather cloudy but fair.

### DISTRICTS

### FORECASTS

6	SCOTLAND WEST	S <sup>ly</sup> winds, rather strong; rainy then fair.
7	ENGLAND N.W.	S <sup>ly</sup> and SW <sup>ly</sup> breezes, moderate; cloudy, misty rain.
8	ENGLAND S.W.	S <sup>ly</sup> to W <sup>ly</sup> breezes, light; dull, slight rain and fog.
9	IRELAND NORTH	SW <sup>ly</sup> and S <sup>ly</sup> winds, light to fresh; cloudy and showery, unsettled.
10	IRELAND SOUTH	-----D <sup>o</sup> -----D <sup>o</sup> -----D <sup>o</sup> -----
WARNINGS		The signals have all been lowered.



# METEOROLOGICAL OBSERVATIONS FOR

24<sup>TH</sup> SEPT<sup>R</sup>

1881.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.									PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			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	37	2	0	b	30.18	-0.7	35	32	+1	SW	2	b	*	48	28	-		
Hernösand ...	30.34	40	2	0	b	30.40	-0.1	42	41	-3	Z	0	b	*	57	37	-		
Stockholm ...	30.41	41	WSW	2	b	30.41	+0.3	44	42	-1	SSW	2	b	*	52	43	-		
Wisby ...	30.42	47	NNW	4	bc	30.43	+0.7	49	45	+1	WNW	6	b	*	52	45	-		
Bodö ...	30.31	44	2	0	o	30.26	-0.4	48	45	+9	SW	4	c	3	?	37	0.04		
Christiansund...	30.44	46	W	1	b	30.40	+1.1	44	42	0	S	1	b	1	55	32	-		
†Skudesnaes ...	30.48	48	2	0	b	30.44		49	45		SE	4	o	5	57	48	-		
Orö (Christiansund) ...	30.47	48	ESE	4	c	30.51	+1.5	47	46	-1	NNW	2	c	2	52	45	-		
Skagen (The Skaw)	30.49	42	2	0	b	30.52	+1.4	44	42	-3	W	2	c	0	54	39	-		
Fanö ...	30.44	43	E	4	b	30.49	+2.8	45	42	-3	SE	4	b	*	54	39	-		
Cuxhaven ...	30.27	?	2	5	b	30.45	+3.7	44	42	-4	E	3	b	*	52	41	-		
†Sumburgh Head																			
†Stornoway ...	29.98	55	SSE	5	c	29.94	-0.9	58	48	+4	S	4	n	3	58	51	0.21		
Wick ...	30.19	52	S	7	cu	30.66	-1.3	53	52	+1	S	6	o	6	53	50	-		
Nairn ...	30.11	53	S	2	bc	30.04	-1.0	54	51	+3	ESE	2	bc	1	56	50	-		
†Aberdeen ...	30.21	52	SE	6	o	30.15	-0.5	52	50	+1	SSE	6	o	6	54	50	0.01		
Leith ...	30.14	53	SSE	1	c	30.11	-0.1	53	51	+2	S	1	o	*	56	50	-		
†Shields ...	30.17	51	SE	5	o	30.18	+0.8	52	51	+1	S	3	o	6	52	49	0.04		
Spurn Head ...	29.16	53	E	5	o	30.19	+1.3	55	54	+2	SE	5	c	4	56	52	0.01		
York ...	30.16	52	E	1	o	30.21	+1.8	54	52	+2	SSE	1	o	*	54	50	-		
Nottingham ...	30.11	54	ESE	3	o	30.16	+1.8	54	51	+1	ESE	2	o	*	56	51	0.01		
†Ardrossan ...	30.08	54	ESE	4	o	30.04	-0.2	54	53	+2	ESE	4	nm	3	57	50	0.01		
†Mullaghmore ...	29.86	59	SE	5	mgn	29.86	-0.7	57	57	+6	WSW	1	0.2	2	61	50	0.57		
Donaghadee ...	30.05	55	S	4	o	30.00	-0.1	55	55	0	S	5	n	3	59	54	0.11		
Parsonstown ...	29.94	56	ESE	2	o	29.92	-0.5	59	59	+13	S	1	o	*	62	?	0.37		
Barrow-in-Furness...	30.09	54	NE	3	o	30.13	+1.2	54	52	+1	ESE	4	om	3	55	52	-		
†Holyhead ...	30.04	58	E	1	og	30.03	+0.4	57	55	+2	SSE	4	m	3	61	55	0.03		
Liverpool (Bidston)	30.08	55	E	3	o	30.11	+0.9	54	52	+1	ESE	4	o	2	57	52	-		
†Valentia ...	29.85	59	SE	6	Amg	29.98	+1.2	58	57	+1	NW	2	cm	2	61	56	0.60		
Roche's Point ...	29.96	57	SSE	6	n	29.96	+0.1	60	59	+2	SW	3	bc	4	61	56	0.35		
Pembroke ...	30.05	57	SE	2	o	30.05	+0.9	56	55	+4	SE	5	nm	3	60	52	0.07		
†Scilly ...																			
Prawle Point ...	30.08	56	SW	2	c	30.15	+1.8	58	58	+1	SE	3	o	2	65	55	-		
Hurst Castle ...	30.03	58	N	1	om	30.17	+2.4	57	56	+2	Z	0	f	1	60	53	0.01		
†Dover ...	30.04	59	ESE	2	om	30.20	+3.3	59	57	+3	SSE	2	bc	1	60	56	-		
†London ...	30.06	58	ESE	2	bc	30.19	+2.9	60	58	+6	SE	1	o	*	61	54	0.01		
Oxford ...	30.10	56	2	0	o	30.18	+2.5	54	54	+1	E	1	of	*	59	53	0.01		
Cambridge ...	30.08	56	E	1	bc	30.20	+2.7	59	57	+3	ESE	1	o	*	63	49	0.01		
†Yarmouth ...	30.11	54	E	5	c	30.25	+3.1	54	53	-2	SE	5	o	5	56	52	-		
The Helder ...	30.22	47	E	3	n	30.33	+3.3	47	45	+1	SE	1	o	1	48	46	0.35		
Cape Gris Nez ...	30.06	57	E	1	o	30.20		55	55		S	1	b	1	61	54	-		
†Jersey ...	30.12	58	W	1	c	30.22	+2.0	59	58	+1	SSE	2	c	2	63	54	0.01		
Brest ...	30.08	61	S	4	o	30.12	+1.3	60	60	+7	SW	1	o	2	63	?	-		
Lorient ...	30.07	61	SSE	1	o	30.17	+1.7	62	61	+9	SW	1	o	4	64	52	-		
†Rochefort ...	30.06	65	SSE	4	o	30.17	+1.3	59	58	+2	SE	3	o	2	73	55	-		
Biarritz ...																			
Corunna ...	*	*	*	*	*			*						*	*	*			
Brussels ...	*	*	*	*	*	30.27	+1.33	49	48	-6	ESE	1	f	*	63	47	-		
Charleville ...	30.13	54	SSE	1	b	30.29	+3.2	49	46	0	SSE	3	f	*	68	44	-		
Paris ...	30.10	58	2	0	o	30.25	+2.7	57	55	+1	Z	0	o	*	*	*	-		
Lyons ...														*					
Toulon ...	29.99	62	WNW	7	b	30.10	+1.3	61	55	+6	E	7	b	3	66	55	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.89	47	E	3	n	28.92	-1.3	48	48	0	SE	2	o	*	50	46	0.04		

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

Hawes Junction	28.89	47	E	3	n	28.92	-1.3	48	48	0	SE	2	o	*	50	46	0.04
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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 ...	30.41	57	45	SE	2	b	2	Valentia ...	29.85	59	59	SE	7	o g 6
Sumburgh Head								Scilly ...						
Stornoway ...	30.02	57	55	SE	2	b	2	Dover ..	29.99	60	57	ESE	2	o g 1
Aberdeen ...	30.21	54	50	SSE	8	o	4	London ...	30.01	61	58	E	2	o *
Shields ...	30.16	52	51	SE	5	o	4	Yarmouth ...	30.05	55	53	E	5	c 5
Ardrossan ...	30.09	57	53	ESE	4	o	3	Jersey ...	30.09	62	58	W	2	bc 2
Mullaghmore ...	29.90	60	53	SE	6	ogm	4	Rochefort ...	29.65	71	64	SSE	4	c 2
Holyhead ...	30.04	61	57	S	1	o	0	Ben Nevis (4406 ft.) 9 am on 23 <sup>rd</sup> } 25.49 85 35 ESE 9 0 max 17.4 34 0.19						

The depression off the W. coast of Ireland seems to be approaching nearer to that coast and the mercury is falling at Valentia with a strong SE wind. Elsewhere the barometer is rising but the weather remains dull and unsettled generally.

## 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

SUNDAY, 25<sup>TH</sup> SEPTEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Printed by Pangloss, 11th, 22, Bedford St. Covent Garden.



# WEATHER CHARTS

for 8 a.m. on SUNDAY, 25<sup>TH</sup> SEPTEMBER 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.

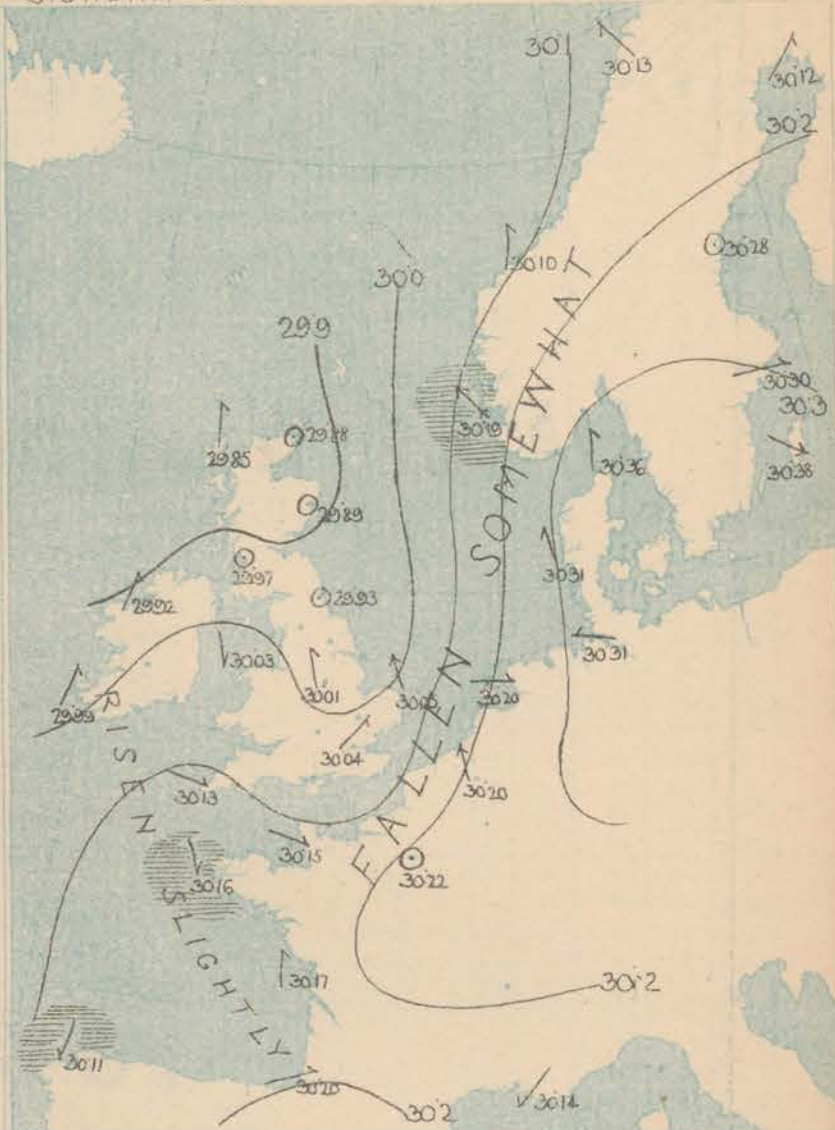
Sea Disturbance, where considerable, is shown by shading round the coast. Thus Rough High

## MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations.	Mean Readings In.
Saarn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.876
Ardrossan	29.828
Greenock	29.828
Holyhead	29.857
Valencia	29.872
Becha's Pt	29.875
Plymouth	29.935
LONDON	29.987
Farmouth	29.218

\* These means are for the 10 years 1868-77. A more complete set of mean values is in course of preparation.





# REMARKS

For Sunday 25<sup>th</sup> SEPT 1881 at 8 a.m.

This morning the barometer is falling, though slowly in all <sup>nearly</sup> parts of Western Europe, the change over these Islands being occasioned by several small subsidiary depressions which are passing over us.

The area of highest readings lies over Denmark, and the south of Sweden, while the lowest lie to the NW<sup>wd</sup> of Scotland. Both wind and weather vary considerably, the general direction however, being between NW. and SW. on our own and French coasts, and from SE. on the eastern shores of the North Sea. In nearly all places it is moderate or light. The weather is fine over Denmark, the south-west of England, and part of Ireland and Scotland, but is dull elsewhere with drizzling rain, in some places. Temperature has changed rather irregularly, but has fallen generally in the W. and risen in the E., readings range from 60° in the S. of England to 48° at Nairn.

The sea is moderate to smooth on 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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH

6 SCOTLAND WEST

2 SCOTLAND EAST

7 ENGLAND N.W.

3 ENGLAND N.E.

8 ENGLAND S.W.

4 ENGLAND EAST

9 IRELAND NORTH

5 MIDLAND COUNTIES

10 IRELAND SOUTH

ENGLAND SOUTH

WARNINGS

NONE ISSUED

NONE ISSUED



# METEOROLOGICAL OBSERVATIONS FOR 25<sup>th</sup> SEPT<sup>r</sup> 1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.09	41	NNW	2	b	30.12	-.06	45	41	+ 10	SW	2	0	*	52	28	-		
Hernösand ...	30.36	40	Z	0	b	30.28	-.12	37	36	- 5	Z	0	bc	*	2.46	34	-		
Stockholm ...	30.34	47	WSW	2	b	30.30	-.11	43	42	- 1	W	4	0	*	55	37	-		
Wisby ...	30.43	51	NNW	6	b	30.38	-.05	48	45	- 1	NN	6	c	*	54	48	-		
Bodö ...	30.24	48	SW	2	0	30.13	-.13	46	45	- 2	SE	2	0	2	48	45	0.08		
Christiansund ...	30.27	49	NNE	3	b	30.10	-.30	45	44	+ 1	S	1	b	1	54	32	-		
†Skudesnaes ...	30.32	52	SSE	8	b	30.19	-.25	50	46	+ 1	SE	8	0	5	54	?	-		
Oxö (Xiänsund) ...	30.42	49	E	1	b	30.30	-.21	50	48	+ 3	SE	4	b	3	52	46	-		
Skagen (The Skaw) ...	30.45	49	S	3	b	30.36	-.16	50	46	+ 6	S	3	b	2	55	41	-		
Fanö ...	30.41	41	SE	4	b	30.31	-.18	44	42	- 1	SSE	4	b	*	55	37	-		
Cuxhaven ...	30.41	?	E	4	b	30.31	-.14	43	41	- 1	ESE	2	b	*	54	37	-		
†Sumburgh Head																			
†Stornoway ...	29.89	54	SE	2	r	29.85	-.09	53	53	- 5	S	4	r	3	58	40	0.58		
Wick ...	29.96	53	S	5	0	29.88	-.18	53	51	0	NN	1	bc	2	53	49	0.11		
Nairn ...	29.91	54	Z	0	r	29.89	-.15	48	46	- 6	S	1	b	2	54	48	0.28		
†Aberdeen ...	30.03	53	SSE	6	r	29.89	-.26	54	53	+ 2	Z	0	om	4	55	51	0.08		
Leith ...	29.93	57	S	1	r	29.93	-.18	52	50	- 1	W	1	bc	*	58	50	0.49		
†Shields ...	30.05	54	SSE	5	r	29.93	-.25	56	56	+ 4	Z	0	m	4	56	49	0.53		
Spurn Head ...	30.13	56	SE	5	0	?	?	57	56	+ 2	S	4	0	4	57	54	0.04		
York ...	30.10	57	SSE	2	m	29.97	-.24	58	57	+ 4	SW	1	0	*	60	52	0.20		
Nottingham ...	30.11	56	SSE	2	r	30.01	-.15	59	58	+ 5	SSE	1	0	*	63	54	0.42		
†Ardrossan ...	29.96	55	SW	3	0	29.97	-.07	50	49	- 4	Z	0	bc	0	55	43	0.50		
†Mullaghmore ...	29.98	57	WSW	1	0	29.92	+ .06	54	52	- 3	SSW	4	c	3	61	54	0.20		
Donaghadee ...	29.98	56	WSW	2	0	29.99	-.01	48	48	- 7	SW	3	b	1	60	44	0.44		
Parsonstown ...	30.01	58	WSW	1	b	30.01	+ .09	48	47	- 11	SE	1	b	*	64	44	0.03		
Barrow-in-Furness ...	30.01	56	ESE	4	r	29.99	-.14	53	53	- 1	NN	2	0	2	57	52	0.52		
†Holyhead ...	29.98	58	S	2	r	30.03	-.00	57	55	0	NNN	1	c	1	59	53	0.22		
Liverpool (Bidston) ...	30.07	56	SE	3	r	30.01	-.10	55	54	+ 1	SE	1	0	1	57	52	0.50		
†Valentia ...	30.05	57	WSW	2	bc	29.99	+ .01	58	56	0	NN	4	bc	4	63	51	-		
Roche's Point ...	30.03	60	NNN	3	b	30.03	+ .07	57	55	- 3	WSW	2	r	3	61	46	-		
Pembroke ...	29.99	58	WSW	2	f	30.05	-.00	56	54	0	W	4	b	3	59	54	0.52		
†Scilly ...	30.02	60	NN	5	f	30.10	+ .07	60	58	- 1	WSW	4	bc	4	63	56	0.02		
Prawle Point ...	30.08	59	SW	3	f	30.10	-.05	57	57	- 1	W	3	bc	3	60	53	0.51		
Hurst Castle ...	30.13	59	S	3	r	30.06	-.11	60	59	+ 3	WSW	3	c	3	63	56	0.62		
†Dover ...	30.20	60	SW	2	bc	30.05	-.15	57	56	- 2	SW	4	com	3	63	57	0.28		
†London ...	30.17	59	SW	2	r	30.04	-.15	60	60	0	SW	1	or	*	66	64	0.59		
Oxford ...	30.10	56	SSE	2	r	30.03	-.15	59	58	+ 5	W	1	0	*	62	54	0.66		
Cambridge ...	30.15	60	SSE	2	r	30.01	-.19	59	59	0	SW	1	0	*	63	54	0.36		
†Yarmouth ...	30.20	57	SSE	4	0	30.05	-.20	56	56	+ 2	SSE	5	rg	4	57	52	0.25		
The Helder ...	30.29	49	SE	1	b	30.20	-.13	45	44	- 2	W	1	bc	1	57	45	-		
Cape Gris Nez ...	30.21	60	S	1	r	30.10	-.13	54	52	- 1	S	5	r	3	64	52	0.28		
†Jersey ...	30.17	62	S	3	0	30.15	-.07	59	58	0	WSW	2	ogb	3	64	57	0.94		
Brest ...	30.11	62	SW	4	r	30.16	+ .04	57	54	- 3	NNN	3	c	5	63	54	0.16		
Lorient ...	30.15	63	SW	2	m	30.13	-.04	60	59	- 2	WSW	4	c	4	66	57	0.16		
†Rochefort ...	30.20	66	NN	3	bc	30.17	-.00	64	64	+ 5	S	1	0	0	?	54	-		
Biarritz ...	30.22	65	N	4	c	30.20	-.00	62	59	- 1	WSW	4	c	4	66	59	0.12		
Corunna ...	*	*	*	*	*	30.11	-.02	?	*	?	NNE	1	0	5	*	*	*		
Brussels ...	*	*	*	*	*	30.20	-.07	48	46	- 1	SSE	5	0	*	60	45	-		
Charleville ...	30.29	50	SSE	4	b	30.24	-.03	44	41	- 5	S	3	c	*	59	42	-		
Paris ...	30.24	62	Z	0	0	30.22	-.03	53	50	- 4	Z	0	bc	*	*	*	-		
Lyons ...																			
Toulon ...	30.04	65	Z	0	b	30.14	+ .04	61	53	0	NE	1	b	1	68	55	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.51	53	SW	3	r	28.74	-.18	53	52	+ 5	WSW	2	0	*	54	48	0.49		

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



	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes ...	30.41	54	49	S	8	b	5	Valentia ...	30.04	63	60	W	3	bc	4
Sumburgh Head								Scilly ...	30.02	63	63	SW	4	f	4
Stornoway ...	29.91	53	53	SSE	2	r	2	Dover ..	30.21	61	59	S	2	b	1
Aberdeen ...	30.05	54	53	S	6	d	6	London ...	30.17	66	61	S	1	o	*
Shields ...	30.10	54	54	S	4	r	6	Yarmouth ...	30.23	55	54	SE	4	o	5
Ardrossan ...	29.96	55	54	ESE	4	r	3	Jersey ...	30.26	61	60	SSE	2	o	2
Mullaghmore ...	29.95	59	58	WNW	2	bc	2	Rochefort ...	30.19	71	65	S	1	c	2
Holyhead ...	30.00	58	57	S	4	m	3	Ben Nevis 4406ft	25.44	38	38	SE	8	o	max 38 min 35 rain 0.20
8 a.m. 24 <sup>th</sup>															

The barometer is now rising at the district stations, but falling a little over Great Britain and the N. of Norway; in the latter district S. winds prevail, and blow strongly in the E. of Scotland, with rain, but in Ireland the wind has become W., and is light, with fine 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. 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, 26<sup>TH</sup> SEPTEMBER.

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.)



*Printed by Dangerfield, Lish, 21, Bedford St. Covent Garden.*



# WEATHER CHARTS

for 8 a.m. on MONDAY 26<sup>th</sup> SEPTEMBER 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.

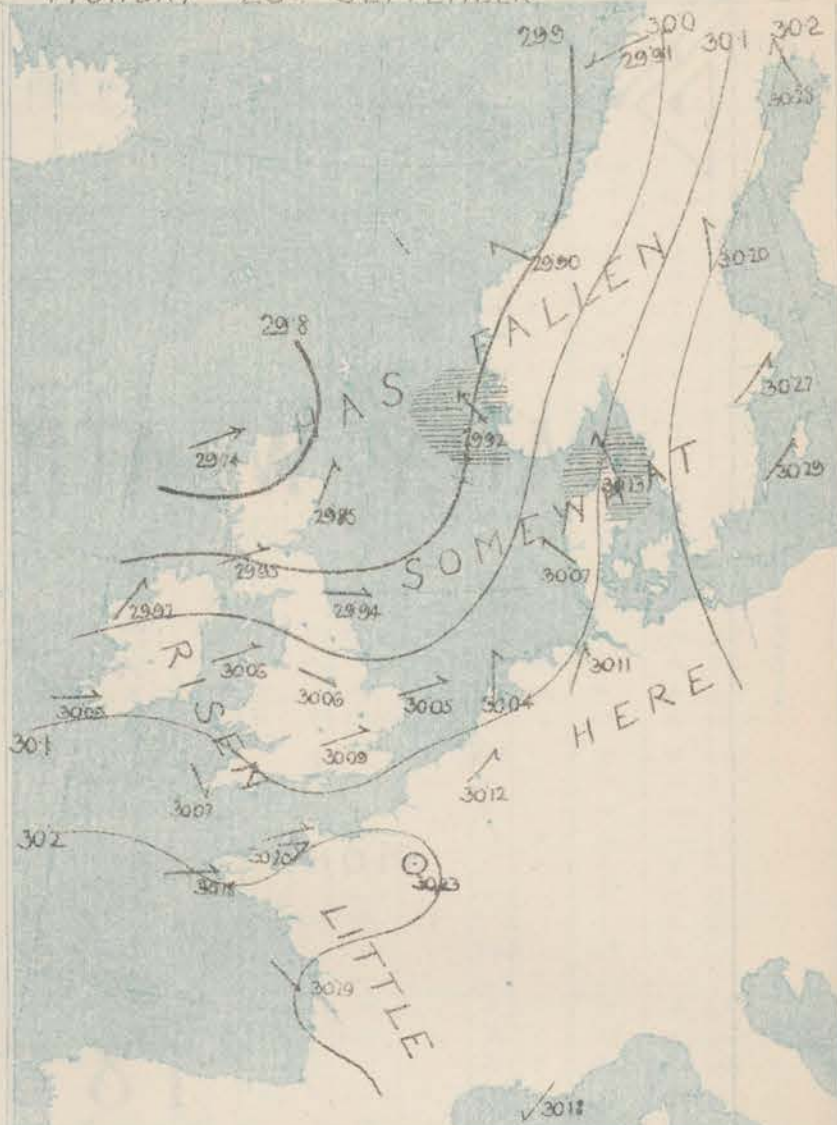
Wind Arrows show the prevalent winds.  
They fly with the wind and their barbs and feathers refer to force, thus:  
→ forces above 10; → forces 8 to 10;  
→ forces 5 to 7; → forces 1 to 4.  
○ = dead calm.

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

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

Stations.	Mean Readings in.
Kairn	29.376
Aberdeen	29.784
Leith	29.414
Scarborough	29.420
Ardrossan	29.838
Greenock	29.418
Holyhead	29.487
Valencia	29.822
Roche's Pt.	29.476
Plymouth	29.405
LONDON	29.431
Yarmouth	29.412

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





# REMARKS

for MONDAY 26<sup>th</sup> SEPT 1881 at 8 a.m.

The barometer is falling slightly over Scotland and rather briskly over the countries to the eastwards of the North Sea, but elsewhere it is rising. A shallow depression lies over the N. of Scotland, while the highest pressures exist over the Bay of Biscay and France. The wind is generally moderate or light but blows a gale at Rhodus, it is W<sup>t</sup> to SW<sup>t</sup> on our coast and in the north of France and SE<sup>t</sup> to E<sup>t</sup> in Denmark and Norway. The weather is on the whole fine and bright, but in the west of Scotland, parts of the south of England and over Norway the sky is overcast with rain in a few places. Slight rain has occurred in most districts. Temperature has fallen slightly except in the north of France, Denmark, and Scandinavia; readings range over these islands from 58° at Hurst Castle to 52° at Aberdeen, while the maxima yesterday were between 68° and 71° over Central and Southern England.

The sea is moderate to smooth except off the south coast of Norway.

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

27<sup>th</sup> SEPTEMBER.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	SW <sup>t</sup> breezes, generally moderate; rather cloudy, some showers.
2 SCOTLAND EAST	-----D-----D-----D-----
3 ENGLAND N.E.	W <sup>t</sup> winds, moderate, fair then some rain.
4 ENGLAND EAST	SW <sup>t</sup> and W <sup>t</sup> breezes, light; dull, some light showers, then fair.
5 MIDLAND COUNTIES	Light W <sup>t</sup> to SW <sup>t</sup> breezes, fair to dull and some rain.
6 ENGLAND SOUTH	Same as N <sup>o</sup> 3.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	SW <sup>t</sup> breezes, moderate; cloudy, showery.
7 ENGLAND N.W.	SW <sup>t</sup> breezes, moderate; fine then dull and some showers.
8 ENGLAND S.W.	W <sup>t</sup> winds, moderate; fine then dull and some rain.
9 IRELAND NORTH	Same as N <sup>o</sup> 3.
10 IRELAND SOUTH	Same as N <sup>o</sup> 8.
WARNINGS	NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

26<sup>TH</sup> SEPT<sup>R</sup>

1881.

STATIONS.	YESTERDAY EVENING.					8 A.M. TO DAY								PAST 24 HOURS.			
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force.		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force.			Max.	Min.	
Haparanda	30.19	42	2	0	b	30.28	+ .16	43	41	- 2	SE	2	0	*	52	37	-
Hernösand	30.25	42	2	0	o	30.20	- .08	47	45	+ 10	S	2	b	*	59	28	-
Stockholm	30.26	45	W	2	b	30.27	- .03	43	43	0	SW	2	b	*	57	41	-
Wisby	30.30	46	W	6	b	30.29	- .09	46	46	- 2	SW	4	b	*	50	45	-
Bodö	30.04	47	SE	2	o	29.91	- .22	49	43	+ 8	ESE	4	c	2	?	45	-
Christiansund	29.96	46	ESE	1	c	29.90	- .20	50	48	+ 5	ESE	1	c	1	54	30	-
Skudesnaes	30.04	53	SE	8	o	29.92	- .24	51	50	+ 4	SE	8	o	6	54	50	-
Oslo (Xiansund)	30.21	53	SSE	4	c	30.05	- .25	51	49	+ 1	E	4	o	3	54	50	-
Skagen (The Skaw)	30.21	51	SSE	5	b	30.13	- .23	51	49	+ 1	SSE	4	c	5	57	41	-
Fahö	30.16	47	SE	6	b	30.07	- .24	45	44	+ 1	SE	4	c	*	57	41	-
Cuxhaven	30.18	55	SSW	1	b	30.11	- .20	47	46	+ 4	SSW	3	b	*	57	39	-
†Sumburgh Head																	
†Stornoway	29.77	57	ESE	6	c	29.74	- .11	53	52	0	WSW	5	c	4	58	49	0.10
Wick	29.84	53	S	2	b	29.83	- .05	53	50	0	SW	2	b	2	60	47	0.05
Nairn	29.84	55	2	0	b	29.80	- .09	53	50	+ 5	SW	1	c	1	62	47	-
†Aberdeen	29.88	55	SSE	1	b	29.85	- .04	52	49	- 2	SSW	1	b	2	60	46	-
Leith	29.91	58	WSW	1	c	29.90	- .03	53	51	+ 1	WSW	1	b	*	60	48	0.04
†Shields	29.94	59	WNW	3	b	29.94	+ .01	54	52	- 2	W	3	b	2	61	49	0.11
Spurn Head	29.99	57	W	2	b	29.99	?	55	52	- 2	SW	4	b	3	60	52	-
York	30.01	58	W	1	b	29.99	- .02	54	52	- 4	W	3	b	*	65	49	0.05
Nottingham	30.05	60	WSW	2	b	30.06	+ .05	55	53	- 4	WNW	1	b	*	68	46	0.03
†Ardrossan	29.90	56	S	3	c	29.95	- .02	54	52	+ 4	WSW	3	b	2	58	48	0.03
†Mullaghmore	29.79	55	SSW	5	c	29.97	+ .05	53	52	- 1	SW	4	b	1	62	52	0.21
Donaghadee	29.89	55	SW	4	c	30.00	+ .01	51	50	+ 3	W	3	c	1	62	45	-
Parsonstown	29.89	57	ESE	2	o	30.07	+ .06	49	48	+ 1	S	1	b	*	63	44	0.08
Barrow-in-Furness	30.00	56	ESE	2	b	29.99	0.00	54	52	+ 1	WSW	3	b	3	61	51	0.51
†Holyhead	29.99	58	SSW	4	b	30.06	+ .03	54	52	- 3	WSW	2	b	1	60	52	0.27
Liverpool (Bidston)	30.00	57	SSW	2	b	30.04	+ .03	54	52	- 1	WSW	2	b	2	60	51	0.19
†Valentia	29.94	57	W	4	b	30.09	+ .10	55	54	- 3	W	1	b	1	61	50	0.15
Roche's Point	29.94	56	WSW	6	h	30.10	+ .07	54	52	- 3	W	2	b	4	62	45	0.22
Pembroke	30.04	58	SW	4	o	30.09	+ .04	56	53	0	W	5	b	2	61	54	0.27
†Scilly																	
Prawle Point	30.15	57	WSW	3	b	30.12	+ .02	56	55	- 1	WNW	3	b	3	63	54	0.05
Hurst Castle	30.09	61	WNW	3	b	30.09	+ .03	58	58	- 2	WSW	4	WNW	3	65	55	-
†Dover	30.05	59	SW	3	b	30.11	+ .06	56	55	- 1	WSW	3	b	1	62	52	0.16
†London	30.06	64	SW	2	b	30.09	+ .05	57	56	- 3	WSW	1	o	*	71	46	0.01
Oxford	30.08	55	WSW	2	b	30.06	+ .03	56	55	- 3	SSW	2	o	*	68	52	0.01
Cambridge	30.04	62	2	0	b	30.07	+ .06	54	54	- 5	SW	1	o	*	69	47	0.02
†Yarmouth	30.02	60	SSW	1	c	30.05	0.00	55	53	- 1	WSW	1	b	2	61	50	0.07
The Helder	30.09	53	SSE	1	h	30.04	- .16	55	55	+ 10	S	1	f	1	55	45	0.28
Cape Gris Nez	30.07	59	SW	4	c	30.12	+ .01	58	55	+ 4	W	4	b	3	63	54	0.24
†Jersey	30.19	57	WNW	2	b	30.20	+ .05	59	57	0	WSW	3	c	3	62	56	-
Brest	30.19	60	NW	3	b	30.18	+ .02	60	59	+ 3	W	4	h	3	68	57	-
Lorient	30.17	60	WNW	4	b	30.23	+ .10	59	57	- 1	W	4	c	4	64	54	-
†Rochefort	30.13	66	SW	4	o	30.19	+ .02	61	60	- 3	NW	4	b	2	75	59	-
Biarritz																	
Cerunna	*	*	*	*	*										*	*	*
Brussels	*	*	*	*	*	30.12	- .08	55	54	+ 7	SW	3	o	*	62	53	0.55
Charleville	30.17	54	ESE	1	b	30.16	- .10	50	48	+ 6	E	1	b	*	63	44	0.08
Paris	30.12	61	2	0	o	30.23	+ .01	55	53	+ 2	2	0	o	*	*	*	0.16
Lyon																	
Toulon	30.12	60	W	1	b	30.18	+ .04	60	57	- 1	NE	3	b	2	66	56	-

## HIGH LEVEL STATION.

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

Hawes Junction	28.77	49	WNW	1	b	28.75	+ .01	48	46	- 5	W	3	b	*	56	45	0.49
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes	30.11	54	49	SSE	8	0	Valentia						
Sumburgh Head							Scilly						
Stornoway							Dover						*
Aberdeen							London						
Shields							Yarmouth						
Ardrossan							Jersey						
Mullaghmore							Rochefort	30.20	71	66	WNW	1	0
Holyhead													
Barr. Paris (4406 ft.)							Barr. Paris (4406 ft.)						
9 a.m. on 25 <sup>th</sup>							9 a.m. on 25 <sup>th</sup>						

## EXPLANATION OF COLUMNS.

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

\* AN ANTI-CYCLONE (low pressure) is 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.

‡ The Oxford observations are taken at 8 p.m.

§ These Stations send Reports at 3 p.m. daily (Sundays excepted).





# DAILY WEATHER REPORT

FOR

TUESDAY, 27<sup>TH</sup> SEPTEMBER.

1881.

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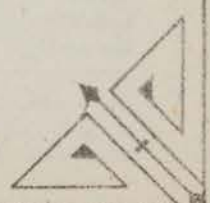

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ROBERT H. SCOTT  
(SECRETARY.)



# WEATHER CHARTS

for 8 a.m. on TUESDAY, 27<sup>th</sup> SEPTEMBER 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:

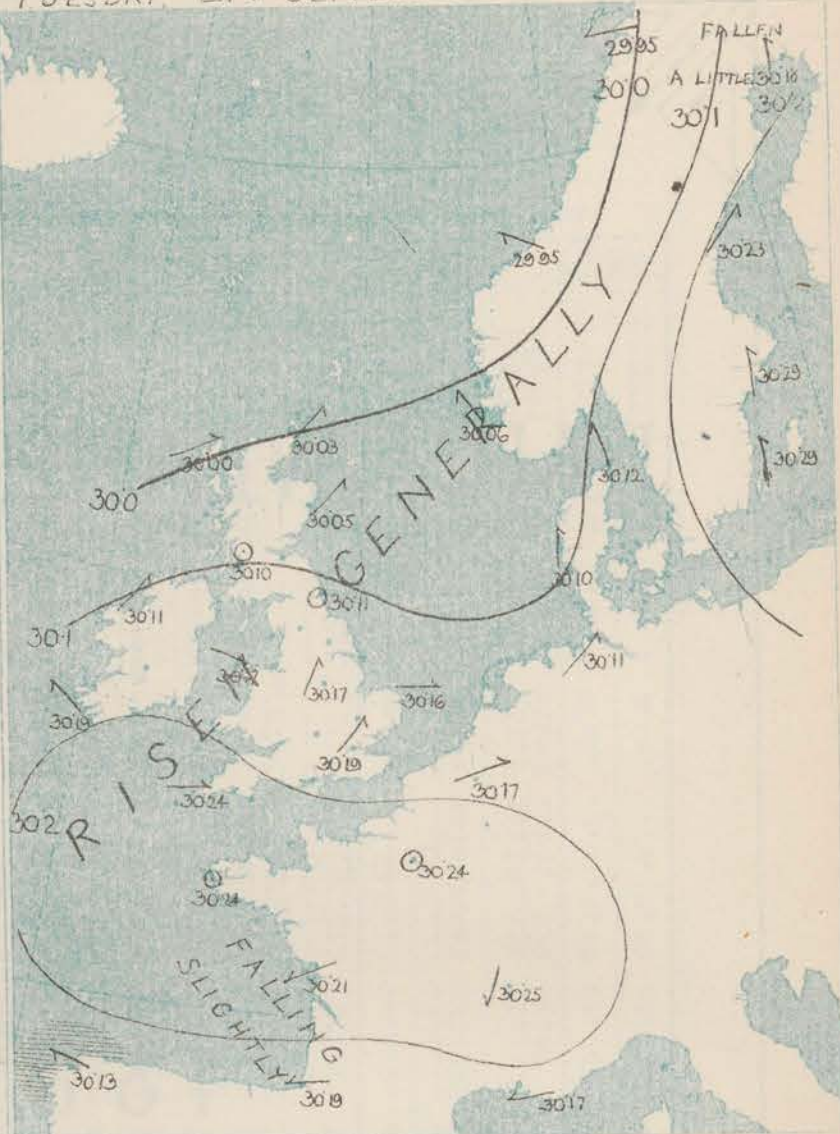
dark Rough; light High.

## MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations	Mean Readings
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrrossan	29.838
Greenacastle	29.878
Holyhead	29.857
Valentia	29.872
Beche's Pt.	29.875
Plymouth	29.935
LONDON	29.987
Yarmouth	29.918

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





# REMARKS

for TUESDAY 27<sup>th</sup> SEPT 1881 at 8 a.m.

During the past 24 hours the mercury has risen in all parts of Western Europe. The change has been greater in the N. than in the S., so that though pressure is still higher over France and lower to the northward of Scotland than elsewhere, readings have become much more uniform over these Islands than they were yesterday. The wind is E<sup>2</sup> over France, but is W<sup>1</sup> over these Islands, S<sup>1</sup> in Denmark, and SE<sup>2</sup> in Norway. It is light or moderate in force on all coasts. The weather varies a good deal in different parts of the Kingdom. In Scotland and Ireland it is fine, but in most districts of England it is dull with slight rain in several places. Slight showers have occurred at nearly all stations. Temperature has fallen except in the west, and readings range from 56° in the SW. and 57° at Leith to 49° at York and 47° at Cairn. The maxima yesterday varied between 60° and 68° over Central England. The sea is slight or smooth on all our coasts.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

28<sup>th</sup> SEPTEMBER

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

## DISTRICTS

## FORECASTS

1 SCOTLAND NORTH

SW<sup>2</sup> winds, light; fine generally.

2 SCOTLAND EAST

-----D°-----D°-----D°-----

3 ENGLAND N.E.

Light W<sup>2</sup> breezes; fair day, fog at night.

4 ENGLAND EAST

Very light W<sup>2</sup> breezes; sky clearing, day fair but foggy or misty at night.

5 MIDLAND COUNTIES

-----D°-----D°-----D°-----

6 ENGLAND SOUTH

-----D°-----D°-----D°-----

## DISTRICTS

## FORECASTS

6 SCOTLAND WEST

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

7 ENGLAND N.W.

W<sup>2</sup> breezes, light; fair.

8 ENGLAND S.W.

Light W<sup>2</sup> breezes; cloudy but fair, foggy at night.

9 IRELAND NORTH

Light W<sup>2</sup> and SW<sup>2</sup> breezes; fine to dull, misty.

10 IRELAND SOUTH

-----D°-----D°-----D°-----

## WARNINGS

(NONE ISSUED)



# METEOROLOGICAL OBSERVATIONS FOR

27<sup>th</sup> SEPT<sup>r</sup>

1881.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.13	43	S	4	b	30.18	-1.0	45	44	+2	S	2	0	*	46	39	-		
Hernösand	30.19	50	SSW	4	b	30.23	+0.3	46	43	-1	SSW	2	b	*	61	39	-		
Stockholm	30.28	43	SSE	2	b	30.29	+0.2	46	45	+3	S	2	b	*	54	37	-		
Wisby	30.29	44	SSW	2	b	30.29	0.0	47	46	+1	S	2	b	*	54	43	-		
Bodö	29.92	48	E NE	2	0	29.95	+0.4	45	41	-4	E	2	c	1	766	43	-		
Christiansund	29.92	51	ESE	1	c	29.95	+0.5	50	48	0	ESE	1	0	0	54	41	0.08		
†Skudesnaes	30.00	54	SE	4	0	30.06	+1.4	54	51	0	SSE	2	0	4	55	52	-		
Örö (Klansund)	29.99	52	W	2	0	30.06	+0.1	50	49	-1	NE	2	0	3	52	48	0.24		
Skagen (The Skaw)	30.09	52	SSE	4	0	30.12	-0.1	53	50	+2	SSE	3	c	1	54	50	-		
Fanö	30.11	50	S	4	b	30.10	+0.3	52	52	+1	S	4	0	*	54	43	-		
Cuxhaven	30.07	?	S	2	0	30.11	0.0	55	54	+1	SW	1	f	*	?	43	-		
†Sumburgh Head																			
†Stornoway	29.88	52	W	4	λ	30.00	+2.6	50	49	-3	WSW	2	c	8	57	43	0.05		
Wick	29.91	54	W	2	bc	30.03	+2.0	50	49	-3	SW	1	b	2	59	45	0.05		
Nairn	29.94	52	SW	2	bc	30.04	+2.4	47	44	-6	WSW	1	bc	1	61	45	0.01		
†Aberdeen	29.95	59	WSW	1	c	30.05	+2.0	50	48	-2	SW	1	bc	1	64	45	0.01		
Leith	30.01	55	W	1	b	30.09	+1.9	57	55	+4	SW	1	b	*	63	47	0.04		
†Shields	30.10	58	W	2	b	30.11	+1.7	52	50	-2	W	0	f	1	62	47	-		
Spurn Head	30.07	57	W	3	c	30.18	+1.4	52	52	-3	W	2	λ	2	60	52	0.01		
York	30.09	57	W	1	b	30.14	+1.5	49	48	-5	S	1	λ	*	60	46	0.14		
Nottingham	30.16	54	WNW	1	b	30.17	+1.7	50	50	-5	SW	1	λ	*	68	45	0.27		
†Ardrossan	30.02	55	SSW	3	c	30.10	+1.5	52	51	-2	W	0	b	0	58	50	0.01		
†Mullaghmore	30.02	54	W	4	0	30.11	+1.4	53	51	0	SW	2	c	2	62	51	0.05		
Donaghadee	30.05	55	WSW	2	c	30.13	+1.3	51	50	0	WSW	2	bc	0	63	46	-		
Parsonstown	30.11	55	W	0	bc	30.18	+1.1	50	49	+1	W	0	b	*	62	47	0.01		
Barrow-in-Furness	30.09	55	SW	3	bc	30.12	+1.3	54	53	0	NW	3	0	3	60	55	-		
†Holyhead	30.10	56	SW	3	bc	30.17	+1.1	55	53	+1	WNW	3	bc	2	59	52	0.02		
Liverpool (Bidston)	30.12	55	W	1	b	30.15	+1.1	52	51	-2	SW	1	c	1	59	51	0.36		
†Valentia	30.13	56	WSW	2	0	30.19	+1.0	56	53	+1	SE	1	ang	1	62	51	0.09		
Roche's Point	30.14	56	W	4	c	30.20	+1.0	54	52	0	WNW	2	bc	3	62	51	0.10		
Pembroke	30.14	56	SW	3	0	30.18	+0.9	56	54	0	W	2	c	2	60	53	-		
†Scilly																			
Prawle Point	30.21	56	WSW	3	bc	30.21	+0.9	55	54	-1	WNW	1	c	1	63	52	-		
Hurst Castle	30.16	58	WNW	3	bc	30.19	+1.0	53	53	-5	W	1	ang	3	65	51	0.04		
†Dover	30.12	59	W	1	bc	30.18	+0.7	55	53	-1	WSW	1	b	0	62	53	0.02		
†London	30.19	56	NW	1	b	30.19	+1.0	53	52	-4	SW	1	0	*	66	48	0.01		
Oxford	30.18	53	WNW	2	b	30.19	+1.3	52	51	-4	W	0	d	*	63	51	0.02		
Cambridge	30.13	56	N	1	b	30.19	+1.2	51	51	-3	NW	1	λ	*	65	45	-		
†Yarmouth	30.11	58	W	0	bc	30.16	+1.1	51	50	-4	W	1	f	2	60	43	0.01		
The Helder	30.12	57	W	1	c	30.14	+1.0	52	50	-3	W	1	c	1	61	55	0.04		
Cape Gris Nez	30.12	60	WSW	4	0	30.18	+0.6	57	54	-1	N	1	m	1	63	55	0.01		
†Jersey	30.25	57	WNW	2	c	30.26	+0.6	56	54	-3	W	1	bc	1	62	53	0.01		
Brest	30.23	58	WSW	3	0	30.24	+0.6	55	54	-5	E	1	0	3	63	54	-		
Lorient	30.23	61	W	4	c	30.21	-0.2	56	55	-3	E	3	c	4	66	55	-		
†Rochefort	30.26	64	NW	5	b	30.21	+0.2	56	55	-5	ENE	4	bc	2	70	52	-		
Biarritz	30.23	65	NE	5	bc	30.19		57	55		E	3	m	4	68	54	-		
Corunna						30.18	-0.1	59			SE	1	c	5	*	*	*		
Brussels						30.17	+0.5	55	54	0	WSW	1	0	*	63	54	0.04		
Charleville	30.15	59	SW	3	0	30.21	+0.5	50	48	0	SW	1	f	*	64	48	-		
Paris	30.20	61	SSW	1	b	30.24	+0.1	55	53	0	W	0	0	*	*	*	-		
Lyons	30.23	56	WNW	1	b	30.25		54	54		ENE	1	0	*	68	52	-		
Toulon	30.15	60	SW	3	bc	30.19	-0.1	58	56	-2	E	4	b	2	66	55	-		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	28.85	50	SW	3	c	28.89	+1.4	50	50	+2	W	1	0	*	55	47	0.11		

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

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.
Skudesnaes ...	29.97	55	52	SSE	7	0	Valentia ...	30.12	61	56	SW	4	c m
Sumburgh Head							Scilly ...						
Stornoway ...	29.85	55	55	WNW	5	2	Dover ...	30.09	58	57	SW	2	bc p
Aberdeen ...	29.91	61	55	W	1	6	London ...	30.09	63	59	WSW	2	bc
Shields ...	30.00	61	58	W	3	6	Yarmouth ...	30.08	58	57	WNW	1	bc
Ardrossan ...	30.00	56	54	SW	4	6	Jersey ...	30.23	60	57	WNW	2	c
Mullaghmore ...	30.01	57	58	WSW	5	0	Rochefort ...	30.24	67	61	WNW	4	6
Holyhead ...	30.11	59	55	SW	3	6	Ben Nevis (4106 ft.)	25.40	87	87	NW	4	0
							Ben Nevis (4106 ft.)	25.40	87	87	NW	4	0
							Ben Nevis (4106 ft.)	25.40	87	87	NW	4	0

Pressure has increased slightly in all places since the morning and the wind, except at Valentia, has veered.  
The weather generally remains 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).





# DAILY WEATHER REPORT

FOR

WEDNESDAY, 28<sup>TH</sup> SEPTEMBER.

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT  
(SECRETARY.)



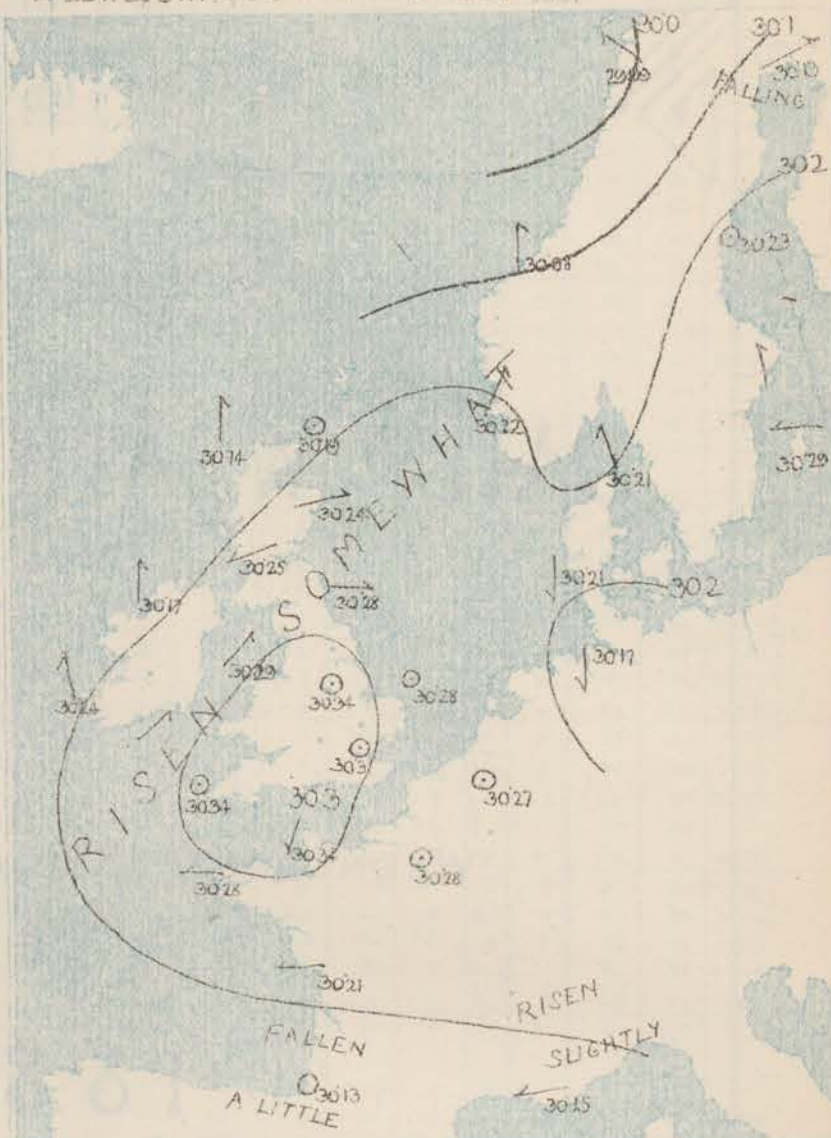
*Fred<sup>d</sup> Dingerfield Lith 22 Bedford St. Covent Garden.*



for 8 a m on WEDNESDAY, 28<sup>th</sup> SEPTEMBER 1881

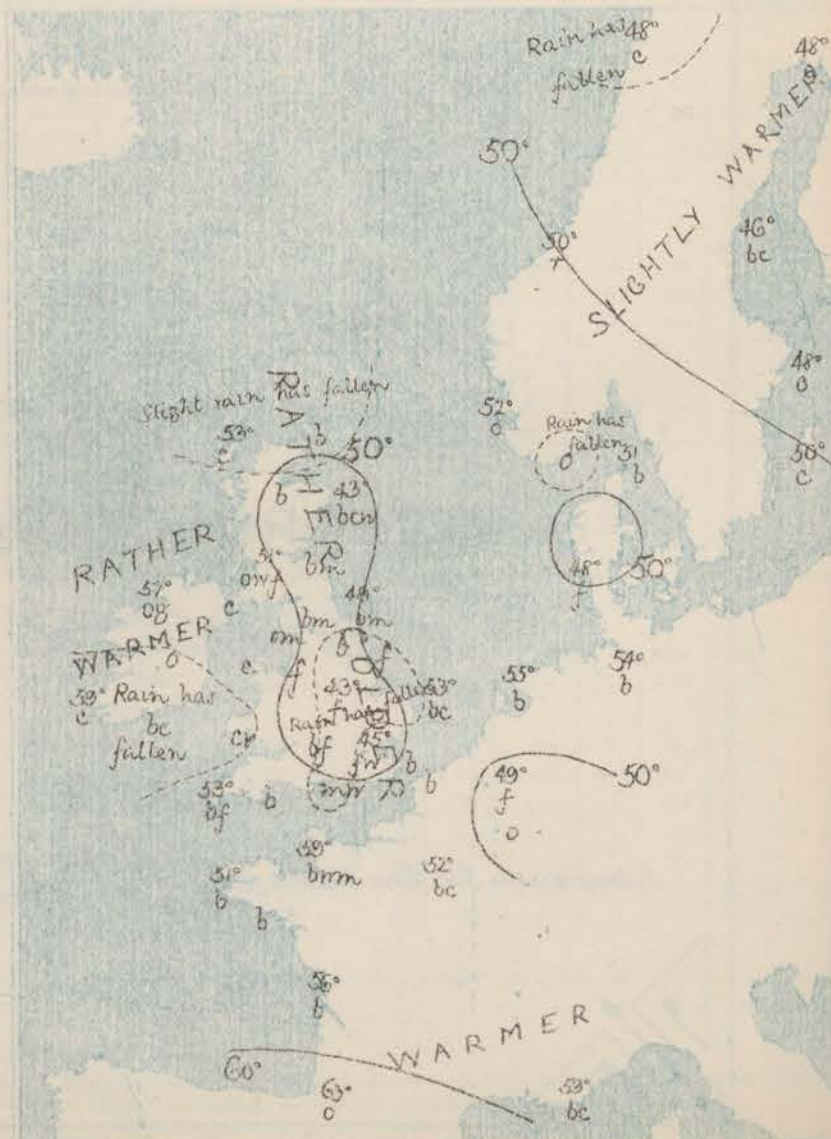
### Explanation of Map

Soil Disturbance, where considerably is shown by shading round the roots.  
 One  Rough.  High.



## WITH RAINFALL IN PAST 74 HOURS

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





# REMARKS

for Wednesday 28<sup>th</sup> SEPT<sup>r</sup> 1881 at 8 a.m.

A further rise of the barometer is reported this morning from all parts of Western Europe, the change being comparatively uniform. A large area of uniformly high pressure has been formed over us having its highest readings over England, and the wind is consequently very light on all coasts. Over Central England it is very variable in direction, but over France light breezes from E. are reported, over Ireland and Scotland from S. and over Denmark from N. Rain is falling at Christiansund, but elsewhere the weather is fair though in many places there is a good deal of cloud, and over our inland stations much fog. Temperature has risen somewhat in Ireland, fallen elsewhere - quickly in many places - and readings are reported to range from 68° at Howe Point to 43° at Nottingham and Aberdeen.

The sea is nearly smooth.

MAP SHOWING DISTRICTS



# FORECASTS

for the 24 hours ending at Noon  
on the

29<sup>th</sup> SEPTEMBER.

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

## DISTRICTS

## FORECASTS

1 SCOTLAND  
NORTH

Very light SW<sup>ly</sup> breezes; fair, but  
some fog or cloud.

2 SCOTLAND  
EAST

-----D°-----D°-----D°-----

3 ENGLAND  
N.E.

W<sup>ly</sup> breezes, light; fine, fog at night.

4 ENGLAND  
EAST

Light variable breezes, fine, cold  
fog at night.

5 MIDLAND  
COUNTIES

-----D°-----D°-----D°-----

6 ENGLAND  
SOUTH

-----D°-----D°-----D°-----

## DISTRICTS

## FORECASTS

7 SCOTLAND  
WEST

Light S<sup>ly</sup> breezes; cloudy, fair.

8 ENGLAND  
N.W.

Light variable or SW<sup>ly</sup> breezes; dull,  
fog.

9 ENGLAND  
S.W.

Light variable or E<sup>ly</sup> breezes; fine, fog  
at night.

10 IRELAND  
NORTH

Light or moderate S<sup>ly</sup> breezes; warm,  
cloudy in W., fine in E.

11 IRELAND  
SOUTH

-----D°-----D°-----D°-----

## WARNINGS

NONE ISSUED.



# METEOROLOGICAL OBSERVATIONS FOR

28<sup>TH</sup> SEPT<sup>R</sup> 1881.

YESTERDAY EVENING.							8 A.M. TO DAY.							PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Bar. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).		Max.	Min.		
Haparanda	30.15	47	SW	2	b c	30.13	-0.05	48	47	+ 3	SW	2	0	48	41	—	
Hernösand	30.18	50	SSW	2	b	30.23	+0.0	46	45	0	Z	0	0	55	34	—	
Stockholm	30.28	45	S	2	b	?	?	48	45	+ 1	S	2	0	55	43	—	
Wisby	30.28	49	S	4	0	30.29	+0.0	50	47	+ 3	SE	2	0	57	45	—	
Bodö	30.00	47	E	2	A	29.99	+0.4	48	46	+ 5	SE	2	0	50	45	0.20	
Christiansund	30.07	50	WSW	1	b c	30.08	+0.13	50	48	0	S	1	0	55	39	—	
†Skudesnaes	30.43	50	S	2	b	30.22	+0.16	52	50	- 2	SSW	2	0	?	50	—	
Oxö (Xtiansund)	30.11	54	ESR	2	0	30.17	+0.11	51	50	+ 1	WNW	2	0	54	50	0.16	
Skagen (The Skaw)	30.17	52	SSR	2	b c	30.21	+0.09	51	50	- 2	SSR	2	0	55	48	—	
Fanö	30.15	49	Z	0	b	30.21	+0.11	48	48	- 4	N	2	0	50	43	—	
Cuxhaven	30.13	?	Z	0	b c	30.17	+0.06	54	53	- 1	N	1	0	55	46	—	
†Sumburgh Head																	
†Stornoway	30.07	52	SW	3	c	30.14	+0.14	53	52	+ 3	S	3	0	57	45	0.03	
Wick	30.10	51	E	1	b c	30.19	+0.16	52	49	+ 2	Z	0	0	59	47	0.02	
Nairn	30.12	53	WSW	1	b	30.20	+0.16	45	42	- 2	Z	0	0	58	42	—	
Aberdeen	30.13	53	Z	0	c m	30.24	+0.19	43	42	- 7	WSW	1	0	63	37	—	
Leith	30.16	53	NW	1	b	30.27	+0.12	45	42	- 12	W	1	0	61	39	—	
†Shields	30.17	54	WSW	1	b c	30.28	+0.17	49	47	- 3	W	3	0	60	43	—	
Spurn Head	30.16	55	ESR	2	c	30.29	+0.16	51	51	- 1	NW	3	0	60	51	—	
York	30.17	54	N	1	b c	30.31	+0.17	45	45	- 4	NW	1	0	65	41	0.04	
Nottingham	30.21	54	WNW	1	b c	30.34	+0.17	43	42	- 7	Z	0	0	65	38	0.03	
†Ardrossan	30.16	54	SSW	3	c	30.25	+0.15	51	50	- 1	ENE	2	0	58	47	—	
†Mullaghmore	30.14	56	ENE	1	c g	30.17	+0.06	57	55	+ 4	S	2	0	60	52	—	
Donaghadee	30.19	53	S	1	b c	30.25	+0.12	54	54	+ 3	S	2	0	61	46	—	
Parsonstown	30.19	57	SW	1	A	30.24	+0.06	56	56	+ 6	S	1	0	62	49	0.19	
Barrow-in-Furness	30.20	55	SW	2	b c	30.28	+0.16	51	51	- 3	ESR	3	0	60	48	—	
†Holyhead	30.21	55	WSW	1	c	30.29	+0.12	57	56	+ 2	SW	3	0	57	52	—	
Liverpool (Bidston)	30.22	55	WNW	2	c	30.32	+0.17	48	48	- 4	ESR	2	0	58	46	—	
†Valentia	30.16	58	SW	1	0	30.24	+0.08	59	57	+ 3	SSR	3	0	61	53	0.17	
Roche's Point	30.22	58	SW	3	0	30.26	+0.06	59	57	+ 5	SW	3	0	62	54	0.02	
Pembroke	30.22	56	W	2	b	30.31	+0.13	56	55	0	E	1	0	59	50	0.03	
†Scilly																	
Prawle Point	30.25	56	WSW	1	b c	30.33	+0.12	763	759	+ 8	N	1	0	63	48	—	
Hurst Castle	30.20	57	Z	0	b c	30.31	+0.12	52	51	- 1	NNE	1	0	66	47	0.06	
†Dover	30.19	58	Z	0	b c	30.28	+0.10	53	52	- 2	NE	2	0	61	51	—	
†London	30.20	57	NW	2	b c	30.31	+0.12	45	44	- 8	Z	0	0	65	42	—	
Oxford	30.24	52	NW	2	b	30.33	+0.14	48	47	- 4	Z	0	0	60	44	0.04	
Cambridge	30.19	53	NW	1	c	30.32	+0.13	46	46	- 5	WNW	1	0	61	41	0.04	
†Yarmouth	30.17	56	NE	1	c	30.28	+0.12	53	52	+ 2	Z	0	0	59	45	0.03	
The Helder	30.19	54	WNW	1	b	30.24	+0.10	55	52	+ 3	WNW	1	0	59	52	—	
Cape Gris Nez	30.17	55	W	3	c	30.26	+0.08	55	55	- 2	N	3	0	61	54	—	
†Jersey	30.27	56	WNW	1	b	30.34	+0.08	59	56	+ 3	NNE	1	0	63	52	—	
Brest	30.25	58	WNW	1	c	30.28	+0.04	51	51	- 4	E	3	0	63	50	—	
Lorient	30.22	61	NW	3	c	30.25	+0.04	54	52	- 2	E	4	0	64	52	—	
†Rochefort	30.18	66	NNE	4	0	30.21	+0.00	56	54	0	NE	4	0	72	52	—	
Biarritz	30.10	67	NNE	5	c	30.12	-0.06	63	60	+ 6	Z	0	0	45	55	—	
Corunna	*	*	*	*	*			*						*	*	*	
Brussels	*	*	*	*	*	30.27	+0.10	49	49	- 6	Z	0	0	61	47	—	
Charleville	30.18	58	W	3	0	30.28	+0.07	49	46	- 1	NNE	1	0	71	39	—	
Paris	30.20	60	Z	0	b	30.28	+0.04	52	50	- 3	Z	0	0	*	*	—	
Lyons																	
Toulon	30.15	62	SW	1	c	30.15	-0.02	59	56	+ 1	E	3	0	68	55	—	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																	
Hawes Junction	28.95	50	WNW	1	0	29.06	+0.17	45	45	- 5	W	1	0	57	38	0.08	

## HIGH LEVEL STATION.

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

Hawes Junction	28.95	50	WNW	1	0	29.06	+0.11	45	45	-5	W	1	0	57	38	0.08
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudeanaes ...	30.10	56	51	S	2	c	4	Valentia ...	30.17	60	57	SSR	5	og	5
Sumburgh Head								Scilly ...							
Stornoway ...	30.03	57	52	WSW	2	c	3	Dover ..	30.17	60	56	W	1	c	1
Aberdeen ...	30.09	58	53	S	1	b c	1	London ...	30.17	61	56	WNW	2	0	*
Shields ...	30.11	57	55	E	2	A	2	Yarmouth ...	30.16	58	54	W	1	b	1
Ardrossan ...	30.14	56	54	SSW	3	c	3	Jersey ...	30.26	62	57	NW	2	b c	2
Mullaghmore ...	30.14	58	55	WNW	2	c v	2	Rochefort ...							
Holyhead ...	30.19	56	54	WNW	2	b	2	Ben Nevis (4408 ft.)	25.53	34	34	WSW	3	0	Max Min Rain 37 33 0.19

Pressure has begun to decrease somewhat at Valentia while the wind there has shifted to SSE. and increased with a rough sea. Elsewhere there has been very little change and the weather is moderately fair.

## EXPLANATION OF COLUMNS.

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





# DAILY WEATHER REPORT

F O R

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

1881.

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ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

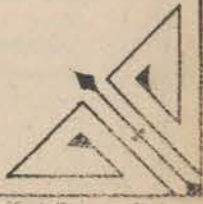
S. W.

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ROBERT H. SCOTT

(SECRETARY.)



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# WEATHER CHARTS

for 8 a.m. on THURSDAY, 29<sup>th</sup> SEPTEMBER, 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.

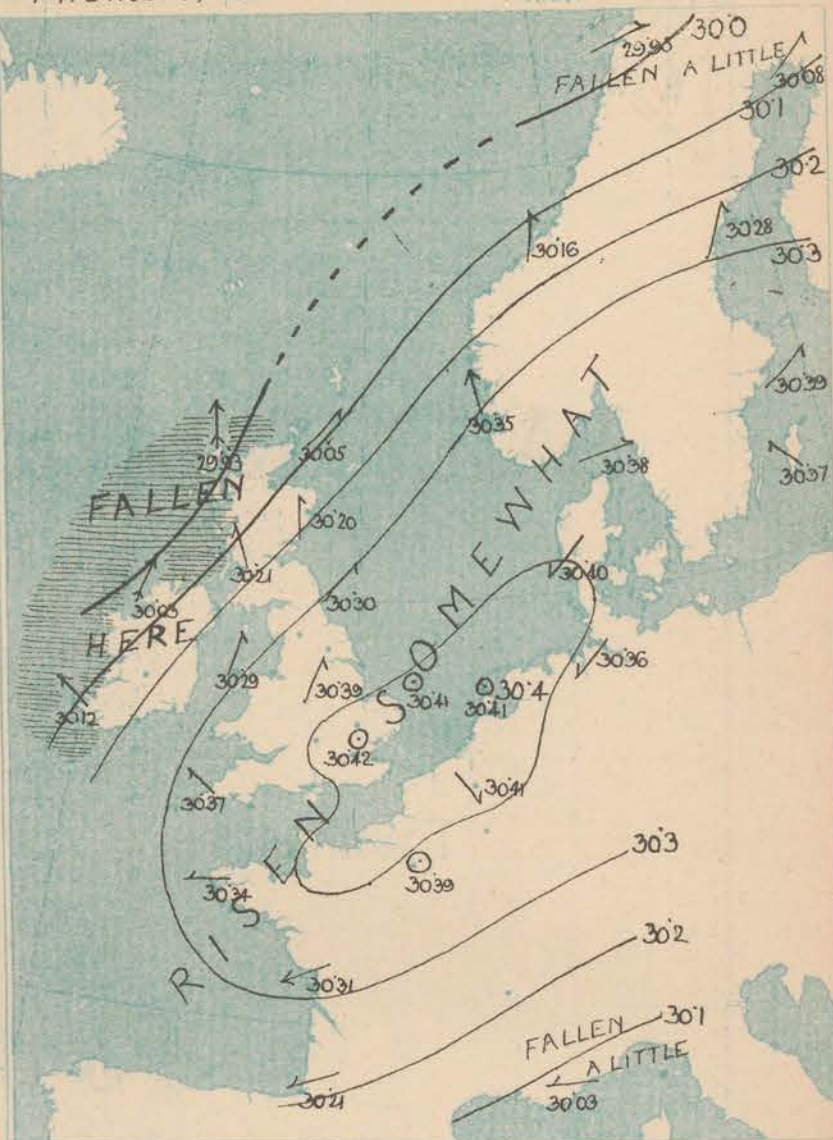
Sea Disturbance, where considerable, is shown by shading round the coast; thus Rough; High.

### MEAN HEIGHT of the BAROMETER

for the month of September

Stations.	Mean Readings. Inch.
Nairn	29.775
Aberdeen	29.789
Leith	29.814
Scarborough	29.870
Ardrossan	29.828
Greenacastle	29.818
Holyhead	29.857
Valentia	29.875
Roche's Pt.	29.875
Plymouth	29.935
LONDON	29.937
Yarmouth	29.918

\* 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.

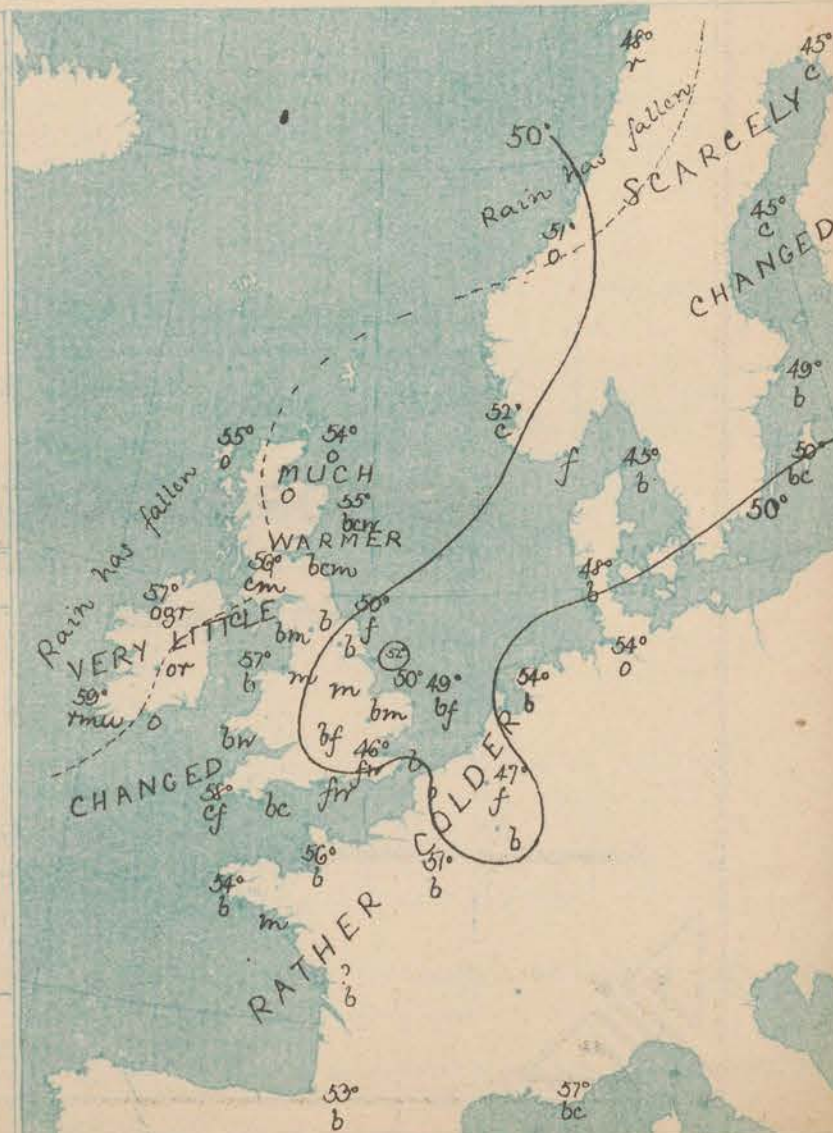
Falls of 0.5 in. or more, are quoted in figures.

### MEANS OF TEMPERATURE AND RAINFALL

for the month of September

Stations	Temp	Rain-fall
	°	inches
Sumburgh Head	52.3	2.14
Stornoway	51.4	4.54
Aberdeen	51.5	3.58
Shetls	55.8	2.81
York	58.6	3.12
Mullaghmore	55.2	2
Holyhead	57.0	3.54
Parsonstown	55.8	3.68
Valentia	56.4	5.19
Sally (St. Mary's)	59.2	4.61
Hurst Castle	59.8	2
Dover	58.7	3.00
LONDON	59.2	2.71
Yarmouth	58.7	3.07

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





# REMARKS

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

During the past night a considerable change of pressure has taken place. In France, the S.E. of England and the eastern shores of the North Sea the mercury has again risen, and the anticyclone, with readings of 30.4 ins. at its centre, is shown in the S.E. In the W. and N. however, the mercury has fallen rather briskly, large depressions seem to be lying off our western coasts, and gradients are becoming rather steep for S<sup>W</sup> winds over Ireland and Scotland. Moderate E<sup>W</sup> winds are reported over France, and light variable breezes over the south east of England, but in the west and north the S<sup>W</sup> wind is increasing, and already blows a gale at Mullaghmore and Stornoway. The weather is fine over France, England, and the east of Scotland, though dense fog prevails in the north but in Ireland, rain is falling, and in the west of Scotland the sky is overcast. Temperature has fallen over the Slaps Rask and at the S.E. stations, but risen generally, readings ranging from 59° in S. Ireland to 41° at Oxford. The maxima yesterday were below 60° in the W. of Scotland, but between 60° and 61° elsewhere. The sea is rough at Stornoway and off the W. of Ireland

MAP SHOWING DISTRICTS



## FORECASTS

for the 24 hours ending at Noon  
on the

30<sup>th</sup> SEPTEMBER.

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

DISTRICTS	FORECASTS	DISTRICTS	FORECASTS
1 SCOTLAND NORTH	S <sup>W</sup> winds and gales, dull, rainy and unsettled.	6 SCOTLAND WEST	Same as N <sup>o</sup> 0
2 SCOTLAND EAST	S <sup>W</sup> and S <sup>W</sup> winds, gales in N <sup>W</sup> parts; becoming dull and wet.	7 ENGLAND N.W.	Same as N <sup>o</sup> 1.
3 ENGLAND N.E.	S <sup>W</sup> winds, moderate to fresh; fine to dull and unsettled.	8 ENGLAND S.W.	SE <sup>W</sup> and S <sup>W</sup> winds, moderate to fresh; fine to dull and some rain.
4 ENGLAND EAST	Light airs to S <sup>W</sup> breezes; fine to dull and unsettled.	9 IRELAND NORTH	S <sup>W</sup> winds and gales; dull, rainy weather.
5 MIDLAND COUNTIES	S <sup>W</sup> breezes, freshening; fine to dull and rain.	10 IRELAND SOUTH	-----D-----D-----D-----
6 ENGLAND SOUTH	Same as N <sup>o</sup> 3	WARNINGS	The south cone has been hoisted in districts N <sup>os</sup> 0.1.6.7.9 and 10.



## METEOROLOGICAL OBSERVATIONS FOR

29<sup>th</sup> SEPT<sup>r</sup>

1881.

† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sec. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda ...	30.12	46	S	2	o	30.08	- .05	45	45	- 3	SW	2	v	*	50	45	-		
Hernösand ...	30.26	47	2	0	b	30.28	+ .05	45	43	- 1	SSW	2	v	*	51	31	-		
Stockholm ...	30.34	45	S	2	b	30.39	?	49	45	+ 1	SW	2	b	*	55	33	-		
Wisby ...	30.32	47	SSW	2	b	30.37	+ .08	50	48	0	SSW	2	b	*	55	45	-		
Bodö ...	29.97	50	SW	6	c	29.95	- .04	48	48	0	WSW	2	v	2	50	46	0.39		
Christiansund...	30.18	51	SW	4	o	30.16	+ .08	51	47	+ 1	S	4	o	4	55	46	0.12		
†Skudesnaes ...	30.33	48	2	0	b	30.35	+ .13	52	50	0	SSW	6	c	3	57	48	-		
Oxö (Xiansund) ...	30.30	50	SSW	1	m	30.35	+ .18	45	45	- 6	NNW	1	f	0	55	43	-		
Skagen (The Skaw)	30.33	50	2	0	b	30.38	+ .17	45	43	- 6	WSW	2	b	0	54	39	-		
Fanö ...	30.35	50	N	3	c	30.40	+ .19	48	47	0	NE	2	b	*	59	45	-		
Cuxhaven ...	30.26	?	N	3	c	30.36	+ .10	54	53	0	NE	2	o	*	55	50	-		
†Sumburgh Head																			
†Stornoway ...	30.14	55	SSW	4	A	29.93	- .21	55	54	+ 2	S	9	o	7	55	52	0.04		
Wick ...	30.19	54	SW	3	b	30.05	- .14	54	52	+ 2	SW	4	o	4	60	47	-		
Nairn ...	30.21	57	2	0	b	30.07	- .13	57	54	+ 12	S	1	o	1	64	45	-		
†Aberdeen ...	30.26	55	SSW	1	b	30.20	- .04	55	53	+ 12	S	1	b	1	62	42	-		
Leith ...	30.28	57	SW	1	b	30.21	- .06	54	51	+ 4	NW	1	b	*	63	42	-		
†Shields ...	30.32	55	2	0	c	30.30	+ .02	50	48	+ 1	SW	3	f	2	61	46	-		
Spurn Head ...	30.34	56	ESE	2	b	30.37	+ .08	52	51	+ 1	S	3	b	2	60	50	-		
York ...	30.34	56	SSW	1	b	30.38	+ .07	46	45	+ 1	S	1	b	*	67	43	-		
Nottingham ...	30.37	53	SSW	2	b	30.39	+ .05	44	42	+ 1	SSW	1	m	*	66	37	-		
†Ardrossan ...	30.27	56	SSW	1	o	30.21	- .04	56	54	+ 5	SSE	4	c	3	58	50	0.01		
†Mullaghmore ...	30.18	61	SSW	3	c	30.03	- .14	57	55	0	SSW	8	org	6	65	55	0.24		
Donaghadee ...	30.23	57	SW	1	c	30.21	- .04	56	55	+ 2	SW	4	c	2	63	52	-		
Parsonstown ...	30.25	59	ESE	1	b	30.17	- .07	56	54	0	S	2	o	*	64	53	0.01		
Barrow-in-Furness	30.31	57	SSW	2	b	30.31	+ .03	51	51	0	SE	3	b	2	63	50	-		
†Holyhead ...	30.32	57	SSW	2	b	30.29	- .03	57	55	0	SSW	3	b	2	61	53	-		
Liverpool (Bidston)	30.33	59	SSE	1	b	30.34	+ .02	51	48	+ 3	SE	2	m	2	62	47	-		
†Valentia ...	30.20	58	SE	7	o	30.12	- .12	59	57	0	SE	7	m	6	62	58	0.05		
Roche's Point...	30.30	59	SSW	4	b	30.23	- .03	59	57	0	S	5	o	4	64	57	-		
Pembroke ...	30.34	57	S	1	b	30.32	+ .01	58	55	+ 2	SSW	2	b	2	61	53	-		
†Scilly ...																			
Prawle Point ...	30.36	56	ESE	1	b	30.38	+ .05	56	55	- 7	SSE	2	b	1	64	50	-		
Hurst Castle ...	30.32	59	2	0	b	30.37	+ .06	53	53	+ 1	E	2	f	1	65	46	-		
†Dover ...	30.34	57	NE	3	b	30.41	+ .13	54	52	+ 1	SE	2	b	1	60	52	-		
†London ...	30.35	53	2	0	b	30.42	+ .11	46	46	+ 1	2	0	f	*	63	41	-		
Oxford ...	30.37	59	NNE	1	b	30.41	+ .08	41	40	- 7	2	0	b	*	66	37	-		
Cambridge ...	30.36	54	NE	1	b	30.43	+ .11	44	43	- 2	E	1	b	*	62	38	-		
†Yarmouth ...	30.35	56	NNE	2	b	30.41	+ .13	49	48	- 4	2	0	b	2	60	42	-		
The Helder ...	30.36	55	N	1	b	30.41	+ .17	54	52	- 1	N	1	b	1	57	54	-		
Cape Gris Nez ...	30.34	57	NE	5	b	30.39	+ .13	50	50	- 5	E	1	b	0	63	48	-		
†Jersey ...	30.36	57	NE	2	b	30.40	+ .06	56	55	- 3	E	2	b	2	63	51	0.01		
Brest ...	30.29	59	ESE	3	b	30.34	+ .06	54	52	+ 3	E	3	b	3	64	50	-		
Lorient ...	30.29	62	E	3	b	30.33	+ .08	53	51	- 1	E	4	m	4	66	52	-		
†Rochefort ...	30.22	64	ESE	7	b	30.31	+ .10	?	?	?	ESE	7	b	3	73	48	-		
Biarritz ...	30.16	66	N	4	c	30.21	+ .08	53	52	- 10	ESE	4	b	3	68	50	-		
Corunna ...	*	*	*	*	*			*	*						*	*	*		
Brussels ...	*	*	*	*	*	30.41	+ .14	47	47	- 2	NW	1	f	*	60	46	-		
Charleville ...	30.29	55	NNE	?	c	?	?	48	45	- 1	?	4	b	*	68	43	-		
Paris ...	30.28	59	2	0	b	30.39	+ .11	51	48	- 1	2	0	b	*	*	*	-		
†Lyons ...	30.17	65	NNE	1	b	30.19	- .04	48	46	+ 1	NNE	4	b	*	64	47	-		
Toulon ...	30.11	64	WSW	1	b	30.03	- .12	57	?	- 2	E	4	b	2	68	55	?		
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.10	51	SSE	1	b	29.09	+ .03	48	46	+ 3	2	0	b	*	58	42	-		

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

Hawes Junction	29.10	51	SSE	1	b	29.09	+ .03	48	46	+ 3	2	0	b	*	58	42	-
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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 ...							Valentia ...	30.24	60	57	SSE	6	o	6		
Sumburgh Head							Scilly ...									
Stornoway ...	30.12	55	55	SSW	3	2	Dover ..	30.31	60	55	NE	2	b	1		
Aberdeen ...	30.24	59	54	S	2	0	London ...	30.32	62	57	NNE	1	b	*		
Shields ...	30.29	57	54	ESE	2	b	Yarmouth ...	30.33	59	56	NNE	2	b	1		
Ardrossan ...	30.28	56	55	SSW	2	0	Jersey ...	30.35	63	56	NE	2	b	2		
Mullaghmore ...	30.20	62	59	SSW	3	0.09	Rochefort ...									
Holyhead... ..	30.32	61	58	SSW	3	b	2									
							Ben Nevis (4406 ft.)	25.68	39	38	SW	4	o	Max	Min	Rain
							Sam. m. 2.28							39	32	0.03

Temperature has scarcely changed since the morning and the weather remains generally fine and bright but the wind at Valentia has increased to a strong breeze and is still freshening. Temperature ranges from 62° in London and Mullaghmore to 58° 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).



# DAILY WEATHER REPORT

FOR

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

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 D. B. B. at the Victoria St. Press.



# WEATHER CHARTS

for 8 a.m. on FRIDAY, 30<sup>TH</sup> SEPTEMBER 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.

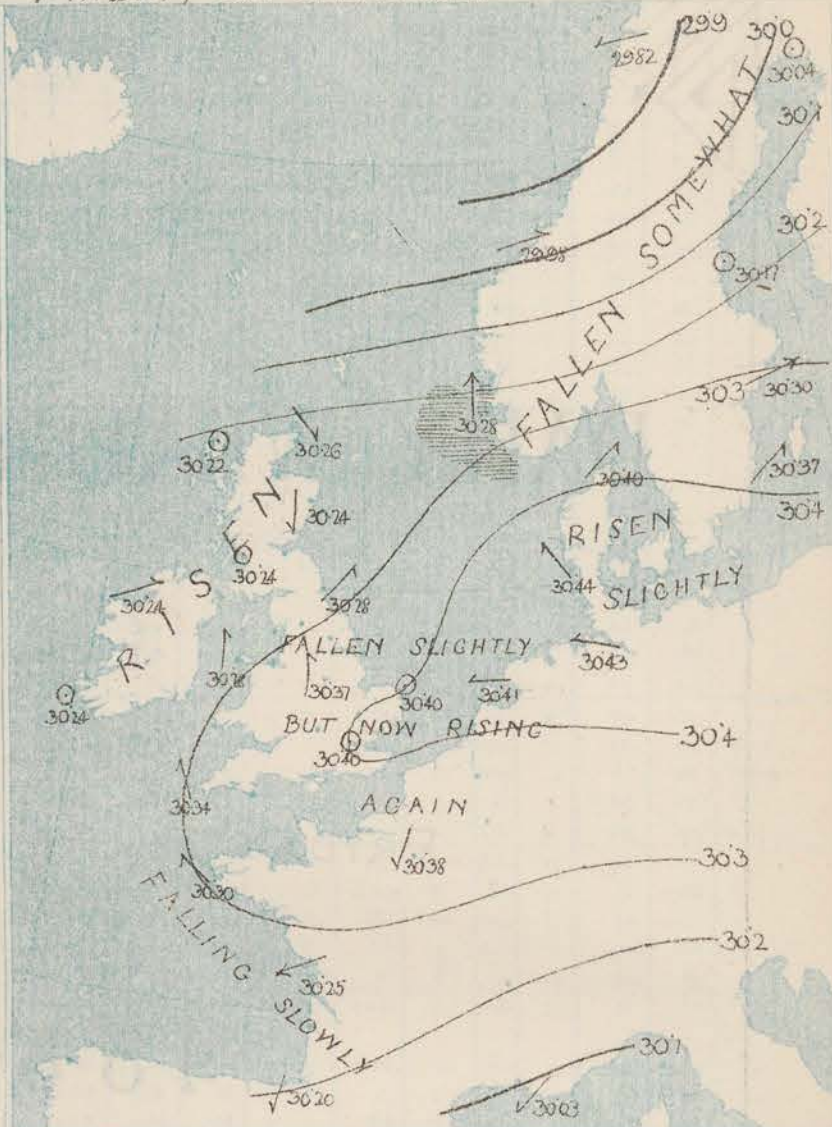
**Sea Disturbance;** where considerable, is shown by shading round the coast, thus: — Rough; — High.

### MEAN\* HEIGHT of the BAROMETER

for the month of September

Stations.	Mean Readings. In.
Nairn	29.775
Aberdeen	29.784
Leith	29.814
Scarborough	29.870
Ardrossan	29.828
Greenock	29.818
Holyhead	29.857
Valentia	29.872
Roche's Pt.	29.875
Plymouth	29.935
LONDON	29.937
Yarmouth	29.918

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





# REMARKS

For FRIDAY 30<sup>TH</sup> SEPT<sup>R</sup> 1881 at 8 a.m.

During the past night the depressions, which at 6 pm lay over our western coast, have passed quickly on to Norway, a brisk recovery has in consequence taken place on our NW. and N. coasts and spread in a less degree to all parts of the Kingdom, and readings have again become very uniform over these Islands and their neighbourhood. The anticyclone still stretches from our SE. coast across the North Sea. The winds have fallen lighter generally, particularly in the W. and N., and now blow from E over France and the Channel, from the SW. on our coast, and from SW. over Scandinavia. The rain has ceased in the W. and N., but the sky remains rather cloudy except in Scotland and the SE. of England, where the weather is very fine. Over Central England much fog is again reported. Temperature has fallen in most places, and ranges from 55° at Leith and 58° at Pembroke to 45° over Central England. The maxima yesterday were below 60° in the W. of Scotland, and on the SE. coast of England between 60° and 67° elsewhere. The sea is smooth.

MAP SHOWING DISTRICTS



## FORECASTS

For the 24 hours ending at Noon  
on the

1<sup>ST</sup> OCTOBER.

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

### DISTRICTS

### FORECASTS

1 SCOTLAND NORTH	Light or moderate breezes between S and W., fine to cloudy.
2 SCOTLAND EAST	----- D° ----- D° ----- D° -----
3 ENGLAND N.E.	Light S <sup>W</sup> and SW <sup>W</sup> breezes, fair but with fog or mist.
4 ENGLAND EAST	Variable or NE <sup>W</sup> breezes, light; fair, fog night and morning.
5 MIDLAND COUNTIES	Same as N° 2.
6 ENGLAND SOUTH	Same as N° 3.

### DISTRICTS

### FORECASTS

6 SCOTLAND WEST	Calm to S <sup>W</sup> breezes, cloudy, fog or mist.
7 ENGLAND N.W.	S <sup>W</sup> breezes, light to moderate, dull, mist.
8 ENGLAND S.W.	Light S <sup>W</sup> and E <sup>W</sup> breezes, cloudy, misty.
9 IRELAND NORTH	Variable to S <sup>W</sup> breezes, light or moderate, cloudy but fair.
10 IRELAND SOUTH	----- D° ----- D° ----- D° -----
WARNINGS	The south cone has been lowered this morning in districts N°s 0 1 2 6 7 9 and 10.



# METEOROLOGICAL OBSERVATIONS FOR 30<sup>TH</sup> SEPT<sup>R</sup> 1881.

YESTERDAY EVENING.							8 A.M. TO DAY.										FAST 24 HOURS.		
STATIONS.	Barometer at top of mast.	Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea Level.	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	14	Sw	2	b		30.04	-0.4	40	40	-5	Z	0	o		50	?	-	
Hornsund	30.28	47	Z	0	b		30.17	-1.1	46	45	+1	Z	0	o	*	59	36	-	
Stockholm	30.34	47	Wsw	2	c		30.30	-0.9	43	46	-1	Wsw	5	o	*	55	45	-	
Wigby	30.32	46	SE	2	b		30.37	0.0	60	46	0	Wsw	4	o	*	54	45	-	
Bodo	29.40	48	Wsw	2	o		29.82	-1.3	48	47	0	E	2	o	1	48	45	1.82	
Christiansund	30.03	48	SE	4	o		29.98	-1.8	54	51	+3	Wsw	3	o	3	57	43	0.02	
Skudesnaes	30.20	54	SE	6	c		30.28	-0.7	54	52	+2	E	6	o	5	54	52	-	
Oslo (Christiania)	30.36	51	Sw	4	c		30.34	-0.1	40	48	+2	Wsw	1	bc	1	54	?	-	
Skagen (The Skaw)	30.39	50	Wsw	2	b		30.40	+0.2	50	48	+5	Sw	3	o	2	54	43	-	
Faro	30.42	48	E	1	b		30.44	+0.4	48	48	0	SE	2	o	*	59	59	-	
Oslo	30.30	?	W	2	b		30.43	+0.7	49	48	-5	ESE	2	o	*	54	43	-	
Sumburgh Head	29.37	56	Sw	8	o		30.22	+1.9	50	49	-5	Z	0	bc	0	58	45	0.14	
Stornoway	29.46	55	S	4	o		30.26	+2.1	49	47	-5	Wsw	1	bc	2	57	45	0.10	
Wick	29.46	57	S	1	o		30.22	+1.5	53	51	-2	ESE	1	bc	1	60	53	0.03	
Nairn	30.11	55	S	1	o		30.24	+0.4	56	54	+1	N	1	o	1	60	53	0.50	
Aberdeen	30.16	57	Sw	1	o		30.23	+0.2	59	57	+5	Wsw	1	om	*	64	52	0.09	
Shields	30.23	54	Sw	3	o		30.28	-0.2	54	52	+4	Sw	2	f	2	65	48	0.13	
Spurn Head	30.33	56	SE	4	b		30.35	-0.2	52	53	+1	SE	3	bc	3	60	50	-	
York	30.31	57	S	1	bc		30.35	-0.3	51	50	+5	S	1	o	*	64	46	0.03	
Nottingham	30.34	54	Sw	2	b		30.37	-0.2	53	52	+9	S	1	bc	*	67	41	-	
Ardrossan	30.14	56	S	4	o		30.24	+0.3	55	55	-1	Z	0	o	0	57	53	0.16	
Mullaghmore	30.01	60	SE	6	q		30.24	+2.1	54	53	-3	Wsw	1	om	2	61	53	0.18	
Donaghadee	30.15	56	SE	6	o		30.25	+0.4	53	55	-1	N	1	o	0	58	55	0.35	
Parsonstown	30.12	59	S	2	o		30.25	+0.8	54	53	-2	NE	1	o	*	62	54	0.14	
Barrow-in-Furness	30.25	58	SE	3	c		30.29	-0.2	54	53	+3	SE	3	o	3	64	51	0.04	
Holyhead	30.24	59	SE	4	om		30.29	-0.1	57	56	0	S	4	m	3	61	55	0.02	
Liverpool (Bidston)	30.24	58	SE	2	o		30.33	-0.1	53	52	+2	SE	2	o	2	64	51	0.04	
Valentia	30.11	58	W	3	o		30.24	+1.2	57	55	-2	Z	0	o	1	61	53	0.40	
Roche's Point	30.18	59	SE	6	o		30.23	0.0	57	56	-2	Wsw	3	o	1	62	55	0.35	
Pembroke	30.28	59	S	2	c		30.30	-0.2	58	56	0	S	3	o	2	60	54	0.02	
Scilly	30.38	57	Sw	1	b		30.35	-0.3	57	56	+1	E	1	o	1	61	55	-	
Prawle Point	30.36	56	SE	2	bc		30.36	-0.1	54	54	+1	E	2	om	1	62	47	0.01	
Hurst Castle	30.30	56	ENE	2	b		30.38	-0.3	54	52	0	NE	2	b	1	58	48	-	
Dover	30.37	56	SE	1	b		30.40	-0.2	45	45	-1	Z	0	f	*	67	40	-	
London	30.37	54	SE	1	b		30.39	-0.2	45	45	+4	Z	0	f	*	63	40	-	
Oxford	30.37	43	S	1	c		30.40	-0.3	46	46	+2	Z	0	f	*	64	40	-	
Cambridge	30.37	57	SE	1	b		30.40	-0.1	52	51	+3	Z	0	bc	1	59	45	-	
Yarmouth	30.40	54	ENE	1	b		30.41	0.0	51	51	-3	E	1	f	1	59	50	-	
The Holder	30.39	53	NE	1	b		30.36	-0.3	50	50	0	NE	1	b	0	63	50	-	
Cape Gris Nez	30.38	57	NE	1	bc		30.39	-0.1	53	52	-3	ENE	1	om	1	62	51	-	
Jersey	30.32	59	Sw	3	b		30.30	-0.4	55	54	+1	SE	3	o	2	64	52	0.04	
Brest	30.32	61	Wsw	1	bc		30.28	-0.5	53	51	0	E	3	o	1	66	50	-	
Lorient	30.21	64	NE	5	b		30.25	-0.6	52	50	?	ENE	5	bc	2	73	46	-	
Rochefort	30.21	63	N	4	b		30.20	-0.1	50	47	-3	NE	3	bc	2	66	48	-	
Biarritz	30.25	55	W	?	bc		30.26	?	44	41	-4	W	4	b	*	66	?	-	
Coranna	30.33	55	Z	0	b		30.28	-0.1	46	45	-5	ENE	3	m	*	*	*	-	
Brussels	30.25	55	Z	0	b		30.28	-0.1	46	45	-5	ENE	3	m	*	*	*	-	
Charleville	30.25	55	Z	0	b		30.28	-0.1	46	45	-5	ENE	3	m	*	*	*	-	
Paris	30.07	53	Z	0	o		30.03	0.0	55	55	-2	NE	4	b	2	59	52	0.55	
Lyons	30.07	53	Z	0	o		30.03	0.0	55	55	-2	NE	4	b	2	59	52	0.55	
Toulon	30.07	53	Z	0	o		30.03	0.0	55	55	-2	NE	4	b	2	59	52	0.55	
HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.																			
Hawes Junction	29.03	53	S	1	bc		29.07	-0.2	52	50	+4	S	1	bc	*	60	48	0.09	

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

Hawes Junction	29-03	53	S	1	bc	29-07	-0-2	52	50	+4	S	1	bc	60	48	0-09
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## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		Bar.	Dry.	Wet.	Wind.	Wet.	Sea.		
Skudesnaes ...	30-33	54	51	S	6	o	4	Valentia ...	30-09	60	59	SE	7	omg	7
Sumburgh Head								Scilly ...							
Stornoway ...	29-86	56	56	SEW	8	o	7	Dover ...	30-40	58	54	ENE	2	b	1
Aberdeen ...	30-12	58	54	S	5	o	1	London ...	30-37	61	57	SE	1	bc	*
Shields ...	30-23	65	57	Wsw	4	bc	2	Yarmouth ...	30-40	58	55	ENE	1	b	1
Ardrossan ...	30-17	57	55	SEW	3	o	3	Jersey ...	30-38	61	56	SE	1	b	1
Mullaghmore ...	30-01	59	61	SEW	7	omg	6	Rochefort ...	30-25	71	61	ENE	4	b	2
Holyhead ...	30-26	61	56	SEW	3	o	4	Ben Nevis (4105 ft)	25-38	41	41	SW	6	o	43
								Bar. on 29th.						38	0-03

Pressure is decreasing everywhere and the anticyclone is passing away E. Strong S<sup>4</sup> winds continue in the W. & N. with rain, while a light S<sup>4</sup> breeze has sprung up in London and cleared the fog. Temperature ranges from 61° in London to 55° 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. 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).



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR

SEPT<sup>r</sup> 1881

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

DATE.	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.				
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.					
				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.			
1st	Sumburgh Hd.	30.30	51	N	2	C	3	6c	30.35	+ .09	49	45	0	N	2	C	bc	4	54	42	-
	Silly	30.26	56	NE	5	C	5	c	30.33	+ .16	57	51	0	E	2	C	bc	2	57	51	-
	Corunna	*	*	*	*	*	*	*	30.07	+ .08	61	*	- 4	E	1	C	*	1	*	*	-
	Sumburgh Hd 2pm	*	*	*	*	*	*	*	30.30	*	51	46	-	N	4	C	bc	4	*	*	-
	Silly 2pm	*	*	*	*	*	*	*	30.31	*	58	52	-	NE	4	C	bc	2	*	*	-
2nd	Sumburgh Hd.	30.40	49	N	2	C	4	c	30.39	+ .04	51	48	+ 2	NE	3	C	bc	2	54	46	-
	Silly	30.30	57	NE	5	C	5	c	30.23	- .10	57	53	- 0	NE	4	C	bc	2	59	53	-
	Corunna	30.13	61	* 2	* 5	* 0	* 0	* 0	30.11	+ .01	54	51	- 6	E	4	C	bc	3	66	60	-
	Sumburgh Hd 2pm	*	*	*	*	*	*	*	29.94	- .13	*	*	- ?	E	1	C	bc	2	*	*	-
	Silly 2pm	*	*	*	*	*	*	*	30.22	*	56	53	-	NE	4	C	bc	4	*	*	-
3rd	Sumburgh Hd.	30.35	53	E	2	C	3	c	30.33	- .06	59	51	+ 2	N	2	C	bc	3	57	42	-
	Silly	30.17	56	E	2	C	4	bc	30.09	- .14	57	55	- 0	E	4	C	bc	3	57	52	-
	Corunna	*	*	*	*	*	*	*	29.94	- .00	66	*	- ?	E	2	C	bc	1	*	*	-
	Sumburgh Hd 2pm	*	*	*	*	*	*	*	30.28	*	55	52	-	NE	3	C	bc	3	*	*	-
	Silly 2pm	*	*	*	*	*	*	*	30.04	*	60	57	-	SE	4	C	bc	3	*	*	-
4th	Sumburgh Hd.	30.25	51	N	2	C	4	c	30.18	- .15	48	47	- 5	NE	2	C	bc	2	59	45	-
	Silly	30.31	58	E	2	C	3	c	29.92	- .17	59	53	+ 2	E	2	C	bc	1	62	52	-
	Corunna	30.12	50	* 2	* 5	* 0	* 0	* 0	29.99	- .19	49	43	+ 1	E	4	C	bc	3	55	42	-
	Silly	29.77	59	* 2	* 5	* 0	* 0	* 0	29.46	- .46	57	51	- 0	E	4	C	bc	6	57	51	-
	Corunna	*	*	*	*	*	*	*	29.76	- .28	57	51	- 6	E	2	C	bc	5	57	51	-
	Sumburgh Hd 2pm	29.85	68	W	5	C	6	c	29.85	- .03	66	55	+ 8	N	3	C	bc	2	59	59	-
	Silly 2pm	*	*	*	*	*	*	*	29.36	*	60	53	-	N	4	C	bc	3	*	*	-
5th	Sumburgh Hd.	29.77	52	N	2	C	4	c	29.45	- .45	58	57	-	E	6	C	bc	4	*	*	-
	Silly	29.45	56	W	6	C	6	c	29.56	- .43	56	54	+ 1	E	4	C	bc	4	61	47	-
	Corunna	29.43	56	*	*	*	*	*	29.43	- .03	59	53	- 0	E	5	C	bc	4	59	53	-
	Sumburgh Hd 2pm	29.48	58	*	*	*	*	*	29.48	- .01	61	57	-	E	5	C	bc	5	55	51	-
	Silly 2pm	29.55	58	*	*	*	*	*	29.55	- .01	61	57	-	SE	4	C	bc	5	55	51	-
6th	Sumburgh Hd.	29.49	58	N	2	C	4	c	29.66	+ .23	58	56	- 2	WNW	2	C	bc	2	64	55	-
	Silly	29.49	58	N	2	C	4	c	29.60	+ .11	55	54	-	SE	4	C	bc	4	56	51	-
	Corunna	29.72	53	S	5	C	4	c	29.72	+ .13	53	53	- 1	NE	4	C	bc	4	58	51	-
	Sumburgh Hd 2pm	29.72	53	W	5	C	4	c	29.75	+ .09	59	55	+ 1	WNW	1	C	bc	2	63	54	-
	Silly 2pm	29.72	53	W	5	C	4	c	30.01	+ .20	*	*	-	W	1	C	bc	1	*	*	-
	Corunna	29.92	68	NE	1	C	0	c	29.86	- .06	62	57	+ 5	SE	1	C	bc	3	73	57	-
	Sumburgh Hd 2pm	29.82	60	*	*	*	*	*	29.82	- .04	58	56	-	NE	4	C	bc	4	58	51	-
	Silly 2pm	29.82	60	*	*	*	*	*	29.82	- .04	58	56	-	NE	4	C	bc	4	58	51	-
7th	Sumburgh Hd.	29.70	54	N	2	C	4	c	29.93	+ .23	52	51	- 1	WNW	5	C	bc	4	61	51	-
	Silly	29.86	58	W	6	C	6	c	29.93	+ .18	58	56	- 2	WNW	5	C	bc	4	60	55	-
	Corunna	30.05	65	W	5	C	5	c	30.11	+ .27	58	55	- 6	SW	7	C	bc	4	77	54	-
	Sumburgh Hd 2pm	29.89	66	W	5	C	5	c	29.67	- .11	58	57	- 1	WNW	3	C	bc	3	74	57	-
	Silly 2pm	29.89	66	W	5	C	5	c	30.05	+ .19	58	52	- 4	SW	1	C	bc	1	76	53	-
8th	Sumburgh Hd.	30.11	50	N	2	C	4	c	30.03	- .08	53	51	- 2	NE	3	C	bc	3	53	46	-
	Silly	30.07	58	N	2	C	4	c	30.21	+ .28	49	45	- 4	N	5	C	bc	5	60	56	-
	Corunna	30.08	62	WNW	4	C	4	c	30.01	+ .08	58	57	- 1	E	1	C	bc	1	61	59	-
	Sumburgh Hd 2pm	30.08	62	WNW	4	C	4	c	29.83	- .25	59	57	- 2	NE	4	C	bc	4	66	60	-
	Silly 2pm	30.08	62	WNW	4	C	4	c	29.99	- .12	59	57	- 2	NE	4	C	bc	4	66	60	-
9th	Sumburgh Hd.	30.18	50	N	2	C	4	c	30.04	- .14	52	50	- 2	NE	3	C	bc	3	54	47	-
	Silly	30.04	58	N	2	C	4	c	30.04	+ .03	56	56	-	N	4	C	bc	4	61	56	-
	Corunna	30.11	51	NE	3	C	0	c	30.08	- .06	51	49	- 2	NE	2	C	bc	2	54	48	-
	Sumburgh Hd 2pm	30.05	57	NE	5	C	0	c	30.08	+ .04	57	54	- 3	NE	1	C	bc	1	59	54	-
	Silly 2pm	30.05	57	NE	5	C	0	c	30.06	- .05	57	54	- 3	NE	1	C	bc	1	59	54	-
10th	Sumburgh Hd.	30.04	50	W	1	C	0	c	30.10	- .06	51	49	- 2	NE	3	C	bc	3	54	47	-
	Silly	30.09	57	WSW	4	C	0	c	30.09	- .01	61	57	- 4	SW	3	C	bc	3	52	46	-
	Corunna	30.09	57	WSW	4	C	0	c	29.95	- .13	48	47	- 1	WNW	2	C	bc	2	52	46	-
	Sumburgh Hd 2pm	30.09	57	WSW	4	C	0	c	30.08	- .01	58	55	- 3	WNW	3	C	bc	3	52	46	-
	Silly 2pm	30.09	57	WSW	4	C	0	c	30.09	- .01	61	57	- 4	SW	3	C	bc	3	52	46	-
11th	Sumburgh Hd.	30.02	49	N	2	C	4	c	30.21	+ .28	49	45	- 4	N	5	C	bc	5	60	56	-
	Silly	30.07	58	N	2	C	4	c	30.01	+ .08	58	57	- 1	E	1	C	bc	1	61	59	-
	Corunna	30.08	62	WNW	4	C	4	c	29.83	- .25	59	57	- 2	NE	4	C	bc	4	66	60	-
	Sumburgh Hd 2pm	30.08	62	WNW	4	C	4	c	29.99	- .12	59	57	- 2	NE	4	C	bc	4	66	60	-
	Silly 2pm	30.08	62	WNW	4	C	4	c	29.99	- .12	59	57	- 2	NE	4	C	bc	4	66	60	-
12th	Sumburgh Hd.	30.18	50	N	2	C	4	c	30.04	- .14	52	50	- 2	NE	3	C	bc	3	54	47	-
	Silly	30.04	58	N	2	C	4	c	30.04	+ .03	56	56	-	N	4	C	bc	4	61	56	-
	Corunna	30.11	51	NE	3	C	0	c	30.08	- .06	51	49	- 2	NE	2	C	bc	2	54	48	-
	Sumburgh Hd 2pm	30.05	57	NE	5	C	0	c	30.08	+ .04	57										



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

DATE.	STATIONS.	+ YESTERDAY EVENING.					8 A.M. TO DAY.							PAST 24 HOURS.				
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		
				Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.
21st	Sumburgh Hd 2pm	-	-	-	-	-	29.80	-	55	58	-	SE	5	W	5	-	-	-
22nd	Silly 2pm	-	-	-	-	-	29.38	-	63	59	-	SE	5	W	6	-	-	-
	Sumburgh Hd	29.83	53	SE	6	0	29.95	+ .16	51	48	- 3	SE	6	W	6	56	45	-
	Spurn Head	29.45	58	SE	4	0	29.44	- .01	55	54	+ 2	W	6	W	6	59	54	0.76
	Silly	29.38	58	W	4	0	29.64	+ .33	56	54	+ 2	W	6	W	6	63	52	0.01
	Holhead	29.49	63	E	2	0	29.46	- .19	57	56	+ 0	E	3	W	6	64	51	0.04
	Corunna	-	-	-	-	-	29.82	-	60	58	+ 2	W	6	W	6	-	-	-
	Sumburgh Hd 2pm	-	-	-	-	-	30.04	+ .22	51	46	- 5	W	6	W	6	-	-	-
	Silly 2pm	-	-	-	-	-	29.83	-	61	58	- 3	W	6	W	6	-	-	-
23rd	Sumburgh Hd	30.10	50	SE	5	0	30.26	+ .31	50	45	- 5	SE	5	W	6	52	47	-
	Silly	29.83	58	W	4	0	29.94	+ .30	58	56	+ 2	SE	4	W	6	61	53	-
	Corunna	-	-	-	-	-	30.00	-	65	58	+ 7	W	6	W	6	-	-	-
	Sumburgh Hd 2pm	-	-	-	-	-	30.26	-	50	45	- 5	SE	6	W	6	-	-	-
	Silly 2pm	-	-	-	-	-	29.99	-	60	59	- 1	SE	5	W	6	-	-	-
24th	Sumburgh Hd	30.26	50	SE	5	0	30.17	- .09	51	48	- 3	SE	5	W	6	52	44	-
	Silly	30.00	60	W	5	0	30.03	+ .09	61	61	+ 3	SE	4	W	6	62	51	0.18
	B. L. City	30.10	65	W	5	2	30.20	+ .13	63	60	- 3	W	5	W	6	66	51	0.12
	Corunna	-	-	-	-	-	30.13	+ .13	70	58	- 12	W	6	W	6	-	-	-
	Sumburgh Hd 2pm	-	-	-	-	-	30.08	-	51	51	-	SE	6	W	6	-	-	-
25th	Sumburgh Hd	30.02	52	SE	5	2	29.86	- .31	52	52	-	SE	6	W	6	54	45	0.14
26th	Sumburgh Hd	29.88	52	W	2	0	29.75	- .13	52	51	- 1	SE	3	W	6	55	44	0.02
	Silly	30.09	60	W	5	0	30.14	+ .04	58	56	- 2	W	6	W	6	58	46	0.11
	Corunna	-	-	-	-	-	30.14	+ .03	58	56	- 2	W	6	W	6	-	-	-
	Sumburgh Hd 2pm	-	-	-	-	-	29.81	-	55	53	- 2	W	6	W	6	-	-	-
	Silly 2pm	-	-	-	-	-	30.17	-	63	61	- 2	W	6	W	6	-	-	-
27th	Sumburgh Hd	29.92	51	SW	3	0	30.01	+ .26	58	50	- 8	W	6	W	6	57	46	-
	Silly	30.17	58	W	5	0	30.11	- .03	57	55	- 2	W	6	W	6	63	55	-
	Sumburgh Hd 2pm	-	-	-	-	-	30.04	-	54	51	- 3	W	6	W	6	-	-	-
	Silly 2pm	-	-	-	-	-	30.20	-	61	59	- 2	W	6	W	6	-	-	-
28th	Sumburgh Hd	30.09	50	SW	2	0	30.22	+ .21	51	49	- 2	W	6	W	6	51	47	-
	Silly	30.21	59	W	1	0	30.28	+ .17	57	57	+ 2	W	6	W	6	62	53	-
	Corunna	-	-	-	-	-	30.01	- .02	53	53	- 2	W	6	W	6	-	-	-
	Olons	30.20	57	W	1	0	30.23	- .02	49	49	-	W	6	W	6	62	44	-
	Sumburgh Hd 2pm	-	-	-	-	-	30.19	-	55	53	- 2	W	6	W	6	-	-	-
	Silly 2pm	-	-	-	-	-	30.30	-	62	60	- 2	W	6	W	6	-	-	-
29th	Sumburgh Hd	30.19	52	SW	2	0	30.07	- .15	54	53	+ 3	SE	4	W	6	56	50	-
	Silly	30.31	58	SE	4	0	30.29	+ .01	59	58	+ 0	SE	5	W	6	62	56	-
	Corunna	-	-	-	-	-	30.06	+ .05	59	59	+ 3	W	6	W	6	-	-	-
	Sumburgh Hd 2pm	-	-	-	-	-	29.96	-	55	53	- 2	W	6	W	6	-	-	-
	Silly 2pm	-	-	-	-	-	30.27	-	63	62	- 1	W	6	W	6	-	-	-
30th	Sumburgh Hd	29.94	53	S	5	0	30.18	+ .11	52	51	- 2	W	6	W	6	58	50	0.30
	Silly	30.27	60	SE	4	0	30.25	- .04	60	59	+ 1	SE	4	W	6	63	58	0.01
	Corunna	-	-	-	-	-	30.06	- .00	58	58	- 6	W	6	W	6	-	-	-
	Sumburgh Hd 2pm	-	-	-	-	-	30.29	-	56	53	- 3	W	6	W	6	-	-	-
	Silly 2pm	-	-	-	-	-	30.27	-	62	60	- 2	W	6	W	6	-	-	-
2. CORRECTIONS																		
1st	Parsontown	-	-	-	-	-	30.39	- .20	-	-	-	E	1	-	-	-	-	-
2nd	Ardsaran	-	-	-	-	-	30.36	- .25	-	-	-	-	-	-	-	-	-	-
	Parsontown	-	-	-	-	-	30.32	- .06	-	-	-	-	-	-	-	-	-	-
3rd	Rock Point	-	-	-	-	-	30.18	- .18	-	-	-	-	-	-	-	-	-	-
	Rock Point	-	-	-	-	-	30.18	- .18	-	-	-	-	-	-	-	-	-	-
4th	Parsontown	-	-	-	-	-	30.18	- .18	-	-	-	-	-	-	-	-	-	-
	Parsontown	-	-	-	-	-	30.18	- .18	-	-	-	-	-	-	-	-	-	-
5th	Spurn Head	30.33	-	-	-	-	30.33	-	-	-	-	-	-	-	-	-	-	-
	Spurn Head	30.34	-	-	-	-	30.34	-	-	-	-	-	-	-	-	-	-	-
7th	B. L. City	29.88	58	-	-	-	29.88	-	-	-	-	-	-	-	-	-	-	-
8th	Donaghadee	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.11
10th	Cambridge	29.92	-	-	-	-	29.92	-	-	-	-	-	-	-	-	-	-	0.02
	Cambridge	29.92	-	-	-	-	29.92	-	-	-	-	-	-	-	-	-	-	0.01
11th	Charleville	29.83	-	-	-	-	29.83	-	-	-	-	-	-	-	-	-	-	No rain
12th	Spurn Head	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14th	Rock Point	-	-	-	-	-	30.10	- .07	-	-	-	-	-	-	-	-	-	51
15th	Rock Point	30.11	-	-	-	-	30.11	-	-	-	-	-	-	-	-	-	-	-
16th	Rock Point	-	-	-	-	-	-	+ .01	-	-	-	-	-	-	-	-	-	-
17th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
18th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
19th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
20th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
21st	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
22nd	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23rd	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
24th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
26th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
27th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
28th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
30th	Rock Point	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-