

METEOROLOGICAL OFFICE

✓  
LONDON.

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DAILY WEATHER REPORTS.

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

1885.

*Sec. Reg. Lond.*



# DAILY WEATHER REPORT.

July to December 1865.

Map Showing Stations.





# DAILY WEATHER REPORT

for *Wednesday 1<sup>st</sup> July 1885.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirce.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.71	57	S	2	bc	29.74	+ .01	56	54	- 2	S	2	bc	*	61	54	1.38		
Hernösand	29.70	54	Z	0	o	29.57	- .21	58	56	+ 1	Z	0	o	*	64	52	0.04		
Stockholm	29.62	60	Z	0	c	29.63	- .19	61	58	- 3	W	2	o	*	73	53	0.35		
Wisby	29.67	61	W	4	c	29.69	- .11	57	57	- 10	W	2	bc	*	81	52	-		
Bodö	29.79	50	Z	0	c	29.73	- .08	50	49	+ 2	NNW	2	bc	1	51	45	-		
Christiansund	29.84	50	SW	2	b	29.83	- .01	49	46	0	NW	1	c	1	54	43	0.04		
† Skudesnaes	29.82	51	NW	3	bc	29.93	+ .07	52	47	- 1	NW	6	c	3	55	50	-		
Oxö (Xtiansund)	29.66	64	W	4	b	29.70	+ .05	55	50	- 3	WNW	6	bc	2	68	54	-		
Skagen (The Skaw)	29.68	58	WSW	2	b	29.73	- .05	57	51	- 3	WNW	5	bc	4	68	50	0.04		
Fanö	29.92	51	NW	6	c	29.97	+ .24	53	48	- 6	NW	6	c	*	61	50	-		
Cuxhaven	29.82	54	NNW	5	o	30.02	+ .29	57	54	- 6	NNW	4	bc	*	?	?	-		
† Sumburgli Head	29.98	43	NW	4	c	29.85	- .11	48	46	- 1	SW	4	bc	4	52	45	0.03		
† Stornoway	30.06	54	W	4	c	29.94	- .15	52	51	+ 2	WNW	5	qf	4	56	47	0.05		
Wick	30.05	54	NW	2	c	29.90	- .15	51	50	- 2	SW	2	o	1	58	42	0.04		
Nairn	30.05	57	W	1	bc	29.94	- .13	51	49	0	W	1	o	1	58	44	0.03		
† Aberdeen	30.05	53	NNW	1	c	29.97	- .08	59	52	+ 8	SW	1	bc	1	60	42	-		
Leith	30.05	57	W	2	c	30.03	- .03	56	51	+ 2	W	3	bc	*	63	45	-		
† Shields	30.08	53	E	2	bc	30.07	+ .02	56	52	+ 3	SW	2	bc	2	59	43	-		
Spurn Head	30.07	54	NNE	3	c	30.13	+ .10	55	51	+ 1	SSE	3	bc	2	57	43	-		
York	30.07	57	E	1	o	30.13	+ .08	54	52	+ 2	SW	1	bc	*	63	46	-		
Loughborough	30.06	59	WNW	2	o	30.15	+ .10	55	52	- 1	WNW	2	bc	*	63	44	-		
† Ardrossan	30.09	57	WNW	3	b	30.07	- .02	51	51	- 3	SW	3	o	2	60	47	-		
Malin Head	30.11	52	NNW	4	c	30.07	- .06	53	53	+ 3	WNW	5	o	4	55	49	0.02		
† Mullaghmore	30.19	55	NW	5	c	30.13	- .05	54	54	+ 2	W	5	od	4	56	51	0.04		
† Belmullet	30.21	54	N	2	o	30.13	- .09	53	52	0	N	2	o	o	57	52	0.05		
Donaghadee	30.15	54	NE	3	c	30.12	- .01	53	52	0	W	3	o	1	60	42	-		
Barrow-in-Furness	30.05	58	NW	3	bc	30.11	+ .05	51	49	- 3	NW	4	o	*	60	49	-		
Liverpool (Bidston)	30.09	57	WNW	3	b	30.15	+ .08	54	48	+ 1	W	3	bc	3	60	50	-		
† Holyhead	30.13	53	NW	4	b	30.17	+ .06	53	50	- 2	SSW	3	bc	2	56	46	-		
Parsonstown	30.19	53	NW	1	bc	30.18	- .02	55	53	+ 3	WNW	1	of	*	61	45	-		
† Valencia	30.24	56	N	4	o	30.23	- .02	56	55	- 1	WNW	2	om	2	61	52	0.02		
Roche's Point	30.20	60	NNW	5	c	30.20	+ .02	56	54	+ 1	NNW	1	o	2	65	49	-		
Pembroke	30.02	54	NNE	5	b	30.17	+ .08	55	50	+ 2	NNE	2	bc	1	58	47	-		
† Scilly	30.12	56	N	5	b	30.11	+ .04	56	52	+ 1	N	4	bc	4	56	52	-		
Prawle Point	30.06	59	N	1	c	30.16	+ .14	55	54	- 7	E	1	c	2	64	52	-		
Hurst Castle	30.02	64	NE	4	c	30.16	+ .16	59	56	+ 2	WSW	2	c	2	67	50	-		
† Dungeness	30.02	60	ENE	4	bc	30.14	+ .20	59	51	+ 1	N	3	bc	2	63	46	-		
† London	30.02	62	NE	3	c	30.15	+ .15	56	51	- 1	Z	0	m	*	67	52	-		
Oxford	30.08	59	NE	1	c	30.16	+ .12	56	52	+ 2	NNW	1	bc	*	65	48	-		
Cambridge	30.06	59	N	1	o	30.15	+ .14	56	52	- 3	Z	0	c	*	68	50	-		
† Yarmouth	30.04	57	NNE	4	c	30.14	+ .16	56	52	+ 1	NNE	2	bc	3	60	46	-		
The Helder	29.98	54	?	4	c	30.08	+ .21	55	50	+ 1	?	3	c	3	55	52	-		
Cape Gris Nez	29.98	59	NE	7	c	30.08	-	55	51	-	NE	5	bc	4	59	52	-		
† Jersey	30.01	54	N	3	bc	30.15	+ .20	57	53	+ 3	E	2	om	2	63	50	-		
Brest	30.05	58	N	5	m	30.16	+ .21	53	52	- 4	N	4	o	4	61	48	-		
Lorient																			
† Rochefort	29.94	63	NNW	5	o	30.08	+ .22	59	57	- 5	NNE	5	o	2	?	52	-		
Biarritz	29.96	63	NW	4	o	30.02	+ .18	61	60	0	W	7	o	3	68	59	1.02		
Corunna	*	*	*	*	*	30.27	+ .09	60	59		NNE	7	bc	6	64	50	-		
Brussels	*	*	*	*	*	30.09	+ .22	51	50	- 4	NE	3	o	*	57	50	0.16		
Charleville	29.84	57	ENE	4	o	30.01	+ .19	51	?	- 7	E	4	o	*	59	50	0.04		
Paris	29.93	59	NNW	4	o	30.10	+ .20	58	54	- 2	NW	4	bc	*	*	*	0.16		
Lyons	29.80	69	W	4	bc	29.95	+ .13	61	58	- 4	NNW	4	o	*	78	57	-		
Toulon	29.86	64	SW	1	bc	29.88	+ .02	65	59	+ 3	NW	1	m	2	75	57	-		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER CHARTS

for 8 a.m. on **WEDNESDAY** 1<sup>ST</sup> JULY 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

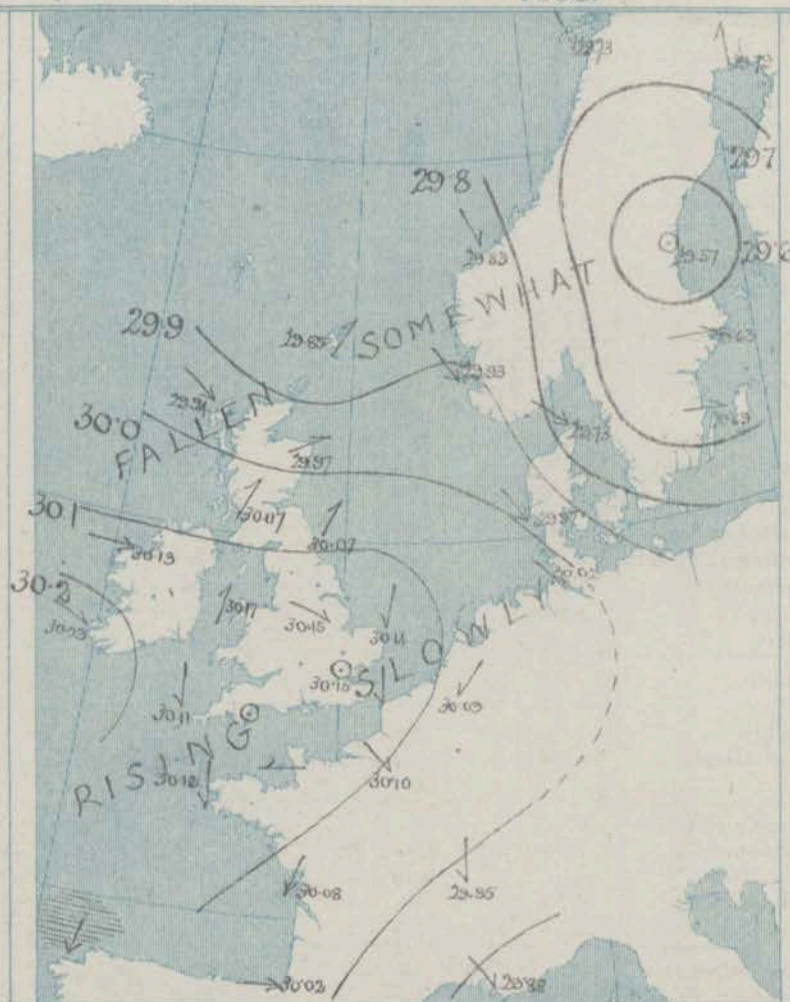
**Sea Disturbance** — where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of **July**.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Rocha's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by Letters of the Beaufort Scale.

**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 IN SHADE. AND RAINFALL.

for the month of **July**.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Edinburgh	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Rocha's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	66.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.0	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.6	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for WEDNESDAY 1<sup>st</sup> JULY 1885, at 8 a.m.

In the course of the past twenty four hours the barometer has continued to rise at all our Southern and the French stations, and the anticyclone recently noticed to the westward of Ireland has moved to the South of that country. In Scandinavia and the north of our Islands, however, the barometer has fallen somewhat, and a well marked depression is lying over Sweden, while subsidiary disturbances are approaching our extreme northern coasts. Light E or W breezes prevail in Scotland and strong NW breezes on the eastern shores of the North Sea, but in the South of England and north of France the wind is light from the NE. The weather is fine over England, and the east of Scotland, but cloudy or overcast elsewhere, with rain at Sunning Head, passing showers at Stromway, and drizzle at Mullaghmore. Slight rain fell yesterday on our extreme northern and northwestern coasts, and heavy rain (1.0 in) at Biarritz. Temperature has changed rather irregularly, and readings range from 59° at Hurst Castle and Tingeness to 48° in the Shetlands. The sea is moderate to smooth.

The anticyclone to the southward of Ireland will probably continue to move in a SE direction, and the winds over England is likely to back to the westward with warmer weather.

## FORECASTS

for the 24 hours ending at NOON on 2<sup>nd</sup> JULY 1885.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

N<sup>th</sup> & SE winds, moderate; dull, some rain.

6 { SCOTLAND  
WEST

Same as N<sup>o</sup> 0.

1 { SCOTLAND  
EAST

N<sup>th</sup> & SE winds, light; fair to dull and unsettled.

7 { ENGLAND  
N. W.

Same as N<sup>os</sup> 1 & 2.

2 { ENGLAND  
N. E.

.....

8 { ENGLAND  
S. W.

N<sup>th</sup> and NE winds, moderate; fair generally.

3 { ENGLAND  
EAST

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

9 { IRELAND  
NORTH

Same as N<sup>o</sup> 0.

4 { MIDLAND  
COUNTIES

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

10 { IRELAND  
SOUTH

N<sup>th</sup> to E winds, moderate; dull, some rain.

5 { ENGLAND  
SOUTH

Light winds, backing to NE or E; fine, warmer.

WARNINGS

NONE ISSUED



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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes	29.84	55	50	NW	7	bc	3	Holyhead	30.16	55	49	NNW	4	bc	4
Sumburgh Head	29.98	50	46	NW	4	bc	3	Valencia	30.25	60	53	N	4	bc	4
Stornoway	30.10	55	50	WNW	3	0	2	Scilly	30.11	56	51	N	6	bc	5
Aberdeen	30.05	58	51	NNW	1	0	2	Dungeness	30.01	63	58	ESE	5	bc	3
Shields	30.06	56	52	NE	2	c	2	London	30.01	66	54	NE	3	c	*
Ardrossan	30.09	58	54	WNW	3	c	2	Yarmouth	30.03	59	53	NNE	4	bc	4
Malin Head	30.15	52	49	NNW	5	c	5	Jersey	30.00	62	56	NE	4	bc	3
Mullaghmore	30.20	54	51	WNW	4	ov	3	Rochefort	29.89	71	65	NW	5	c	2
Belmullet	30.21	55	50	N	2	c	*								

## REMARKS.

The barometer continues to rise slowly at nearly all stations, but the winds and weather over our Islands remain practically unaltered. At Rochefort, however, the wind has shifted from SW. to NW. The sea is rather rough at Scilly.



# DAILY WEATHER REPORT.

for *Thursday* — *2<sup>nd</sup>* July. 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, W. H. SCOTT, Secretary.																		
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.									PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12.)		Weather.	Max.		Min.	
Haparanda	29.41	55	N	4	0	29.55	-.14	52	47	-.4	N	6	0	*	64	48	0.12	
Hernösand	29.69	51	NW	6	b	29.93	+.24	55	49	-.6	NW	2	0	*	61	48	0.28	
Stockholm	29.86	54	W	2	b	30.02	+.16	65	54	-.1	WSW	4	0	*	70	52	-	
Wishby	29.95	61	W	4	b	30.06	+.11	60	55	-.5	W	4	0	*	72	52	-	
Bodö	29.69	50	WSW	2	c	29.69	-.01	50	48	0	E	2	0	1	54	45	-	
Christiansund	29.81	51	S	1	b	29.86	+.05	54	50	-.4	WSW	4	0	3	54	46	0.04	
Skudesnaes	30.03	51	SSE	4	0	30.15	+.12	53	50	-.3	SSE	1	0	2	54	52	-	
Oxö (Klansund)	29.98	59	WSW	6	b	30.10	+.12	57	52	-.5	W	6	0	2	64	52	-	
Skagen (The Skaw)	29.97	54	WSW	4	b	30.10	+.13	57	53	-.4	WSW	4	0	3	63	52	-	
Fanö	30.15	48	W	3	b	30.20	+.05	60	55	-.5	WSW	4	0	*	61	48	-	
Cuxhaven	30.10	52	N	4	b	30.26	+.16	59	56	-.3	NNE	2	0	*	59	51	-	
Sumburgh Head	29.86	51	W	5	0	29.96	+.10	51	50	-.1	WSW	5	0	5	54	45	0.05	
Stornoway	30.00	56	WSW	6	c	30.01	+.01	54	52	-.2	SSW	6	0	5	59	50	-	
Wick	30.02	60	NW	2	b	30.01	+.01	61	57	-.4	S	1	0	0	61	47	0.04	
Nairn	30.00	65	W	2	b	30.04	+.04	61	58	-.3	SW	1	0	1	66	51	-	
Aberdeen	30.00	63	NNE	2	b	30.05	+.05	63	58	-.5	SSW	1	0	1	69	44	-	
Leith	30.05	61	W	4	b	30.12	+.07	65	52	-.1	W	4	0	*	62	48	-	
Shields	30.08	59	W	3	c	30.14	+.06	57	53	-.4	SW	3	0	2	65	50	-	
Spurn Head	30.10	57	SSE	5	b	30.18	+.08	56	54	-.2	SSE	2	0	2	59	51	-	
York	30.11	63	W	2	b	30.19	+.08	59	56	-.3	W	1	0	*	67	45	-	
Loughborough	30.12	68	W	2	b	30.20	+.08	58	55	-.3	W	1	0	0	71	44	-	
Ardrossan	30.11	58	WSW	3	b	30.16	+.05	53	52	-.1	S	1	0	1	58	49	-	
Malin Head	30.15	55	WSW	4	b	30.09	+.04	53	52	-.1	SW	3	0	3	58	50	-	
Mullaghmore	30.18	56	WSW	4	b	30.19	+.01	53	52	-.1	SW	2	0	3	59	50	0.01	
Belmullet	30.19	55	WSW	2	b	30.17	+.02	52	52	0	SW	2	0	0	58	52	0.02	
Donaghadee	30.16	57	NNE	2	c	30.20	+.04	55	54	-.1	E	1	0	0	58	44	0.02	
Barrow-in-Furness	30.14	56	W	3	0	30.17	+.03	54	52	-.2	WSW	2	0	*	59	51	-	
Liverpool (Bidston)	30.16	58	WSW	2	b	30.20	+.04	57	55	-.2	WSW	1	0	1	61	54	-	
Holyhead	30.17	55	SW	2	c	30.20	+.03	58	55	-.3	WSW	1	0	1	61	51	-	
Parsonstown	30.17	61	W	0	0	30.20	+.03	53	52	-.1	W	0	0	*	61	43	-	
Valencia	30.19	58	WSW	3	0	30.21	+.02	57	55	-.2	NNE	1	0	1	62	47	-	
Roche's Point	30.18	57	SW	3	b	30.19	+.01	58	55	-.3	WSW	2	0	3	61	52	0.01	
Pembroke	30.17	55	WSW	3	c	30.19	+.02	54	53	-.1	S	1	0	0	54	51	-	
Scilly	30.18	57	WSW	2	b	30.18	+.07	58	55	-.3	ESE	1	0	3	58	51	-	
Prawle Point	30.18	58	WSW	1	b	30.22	+.04	54	54	0	W	0	0	1	60	49	-	
Hurst Castle	30.17	61	W	4	b	30.20	+.04	60	58	-.2	WSW	2	0	2	64	55	-	
Dungeness	30.18	58	E	3	b	30.21	+.03	62	56	-.6	E	1	0	1	54	44	-	
London	30.14	63	ESE	1	cm	30.20	+.06	59	55	-.4	WSW	1	0	*	67	47	-	
Oxford	30.15	62	N	2	b	30.20	+.05	59	55	-.4	E	1	0	*	67	48	-	
Cambridge	30.14	61	S	1	b	30.20	+.05	59	56	-.3	S	1	0	*	71	46	-	
Yarmouth	30.17	58	SE	2	b	30.25	+.08	57	53	-.4	SSE	2	0	3	60	52	-	
The Helder	30.18	55	W	0	b	30.24	+.06	57	51	-.6	ESE	1	0	1	59	54	-	
Cape Gris Nez																		
Jersey	30.17	61	NNE	2	bm	30.20	+.05	58	55	-.3	ESE	1	0	1	64	50	-	
Brest	30.16	59	N	3	0	30.17	+.01	56	53	-.3	SE	4	0	3	61	48	-	
Lorient	30.15	63	NW	3	b	30.17	+.02	54	50	-.4	ESE	4	0	2	66	48	-	
Rochefort	30.15	63	ESE	1	0	30.17	+.02	54	50	-.4	ESE	4	0	2	66	48	-	
Biarritz	30.10	64	W	4	0	30.08	+.02	62	58	-.4	W	0	0	2	64	57	-	
Corunna	*	*	*	*	*													
Brussels	*	*	*	*	*													
Charleville	30.10	58	ESE	1	0	30.17	+.07	58	53	-.5	ESE	1	0	*	58	50	-	
Paris	30.15	60	N	4	0	30.22	+.07	59	57	-.2	N	4	0	*	58	50	-	
Lyons	30.04	63	NNE	4	b	30.15	+.11	59	56	-.3	NNE	3	0	*	73	56	-	
Toulon	29.93	68	WSW	4	b	30.06	+.13	73	61	-.1	W	1	0	2	75	63	-	

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on *Thursday* 2<sup>nd</sup> July 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *July*.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by Letters of the Beaufort Scale.

**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 IN SHADE. AND RAINFALL.

for the month of *July*

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for

Thursday 2<sup>nd</sup> July 1885, at 8 a.m.

An anticyclone, with readings above 30.2 ins., now lies over the Netherlands, the north of France and southeast of England and the barometer is rising at all but our extreme western stations where a slight fall has set in during the night. The depression which lay over Sweden yesterday has moved away in a northeasterly direction. Fresh SW<sup>ly</sup> breezes prevail in the Netherlands and Hebrides, and light breezes from the same quarter on our northern coasts generally, but in the south of our Islands the wind is light and variable, while in the west of France it is moderate E<sup>ly</sup>. The weather is dull in the extreme west of our Islands and the south of France but fair or fine elsewhere. Slight showers fell yesterday at one or two of our western and northern stations. Temperature has risen a few degrees over Great Britain, and readings now range from 63° at Aberdeen and 62° at Bournemouth to 52° at Balmuccia and 51° in the Netherlands. The highest maxima registered yesterday were 71° at Loughboro and Cambridge, 69° at Aberdeen and 67° at York, Oxford and in London. The sea is rather rough off the extreme north of Scotland, slight or smooth elsewhere.

The fall of the barometer which is taking place in the west will probably occasion a general backing of the wind to S or SE, with fine warm weather over England.

## FORECASTS

For the 24 hours ending at NOON on 3<sup>rd</sup> July 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	SW <sup>ly</sup> winds, fresh; changeable, some showers.	6 { SCOTLAND WEST	S <sup>ly</sup> and SW <sup>ly</sup> winds, moderate, cloudy, rain locally.
2 { SCOTLAND EAST	S <sup>ly</sup> and SW <sup>ly</sup> winds, moderate; fine, warm.	7 { ENGLAND N. W.	W <sup>ly</sup> to S <sup>ly</sup> or SE <sup>ly</sup> winds, light, fine, warm.
3 { ENGLAND N. E.	----- D° ----- D° -----	8 { ENGLAND S. W.	S <sup>ly</sup> and SE <sup>ly</sup> winds, moderate, fair gen <sup>ly</sup> but fog locally.
4 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	SW <sup>ly</sup> and S <sup>ly</sup> winds, moderate or fresh; cloudy, rain locally.
5 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	----- D° ----- D° -----
6 { ENGLAND SOUTH	Light breezes, shifting to S or SE, fine warm.	WARNINGS	None issued.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.02	53	47	WNW	2	0	3	Holyhead	30.18	56	52	W	2	c	2
Sumburgh Head	29.95	52	49	W	4	0	4	Valencia	30.22	57	56	WNW	3	o m	3
Stornoway	29.99	59	54	WSW	4	0	3	Scilly	30.18	58	53	WNW	3	b	3
Aberdeen	29.97	63	57	SE	1	0	1	Dungeness	30.15	62	57	E	3	bc	2
Shields	30.07	65	58	W	3	c	2	London	30.14	65	55	WNW	1	c	*
Ardnamurchan	30.09	55	55	W	1	0	2	Yarmouth	30.17	60	53	E	3	b	4
Malin Head	30.13	57	52	W	5	bc	4	Jersey	30.17	64	56	NE	1	bc	1
Mullaghmore	30.17	59	55	WNW	4	c	3	Rochefort	30.15	65	60	WNW	4	c	2
Belmullet	30.17	57	52	W	1	bc	*								

## REMARKS.

The barometer is rising a little in most places and no important change is shown in the winds or weather. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for *Friday — 3<sup>rd</sup> July 1885.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

	† YESTERDAY EVENING						8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.93	64	2	0	b	30.19	+0.64	56	50	+4	S	2	b	*	64	46	-		
Hernösand	30.14	58	2	0	b	30.27	+0.34	60	54	+5	SSW	2	b	*	66	45	-		
Stockholm	30.15	66	2	0	b	30.24	+0.22	69	61	+4	SSE	2	b	*	72	48	-		
Wishby	30.11	61	S	4	bc	30.17	+0.11	67	57	+7	S	4	b	*	72	52	-		
Bodo	29.99	51	SW	2	c	30.05	+0.86	53	51	+3	SSE	2	A	1	53	45	0.04		
Christiansund	30.16	54	WSW	3	c	29.98	+0.12	63	55	+9	2	0	b	3	63	50	-		
Skudesnes	30.17	53	SSE	1	f	30.14	+0.01	53	52	0	SSE	4	0	3	63	?	-		
Oxö (Christiansund)	30.14	57	WSW	6	b	30.15	+0.05	55	52	-2	WSW	4	0	2	61	54	-		
Skagen (The Skaw)	30.15	56	SW	2	b	30.19	+0.09	59	56	+2	SSW	2	0	1	64	52	-		
Faro	30.22	54	NW	1	c	30.19	-0.01	63	59	+3	E	1	c	*	64	52	-		
Cuxhaven	30.23	55	N	2	b	30.20	-0.06	63	61	+4	E	1	c	*	63	55	-		
Sumburgh Head	30.01	55	SW	3	bc	29.96	0.00	55	53	+4	W	4	c	3	59	49	-		
Stornoway	30.00	55	SSW	6	c	30.00	-0.01	53	52	-1	WNW	4	a	3	58	51	0.03		
Wick	30.02	60	NE	2	b	30.00	-0.01	60	57	-1	SW	3	bc	1	72	52	-		
Nairn	30.00	71	W	2	b	30.03	-0.01	63	58	+2	WSW	4	b	2	75	53	-		
Aberdeen	30.02	63	S	2	b	30.03	-0.02	71	63	+8	SW	1	bc	1	71	54	-		
Leith	30.07	63	W	3	b	30.09	-0.03	59	56	+4	W	2	c	*	72	52	-		
Shields	30.08	64	W	2	b	30.10	-0.04	62	59	+5	W	3	bc	2	67	52	-		
Spurn Head	30.12	59	SE	5	bc	30.14	-0.04	56	56	0	S	2	om	2	60	55	-		
York	30.13	66	W	1	0	30.13	-0.06	58	55	-1	WNW	1	0	*	72	50	-		
Loughborough	30.12	72	SW	2	c	30.15	-0.05	60	54	+2	WNW	1	ogm	*	76	56	-		
Ardrossan	30.11	56	SSW	1	b	30.13	-0.03	54	53	+1	2	0	b	0	59	49	0.01		
Malin Head	30.09	58	W	4	bc	30.11	+0.02	55	55	+2	SW	3	0	3	60	51	-		
Mullaghmore	30.14	57	NW	2	cm	30.13	-0.06	54	54	+4	SW	2	0	2	60	52	-		
Belmullet	30.14	54	SW	2	0	30.11	-0.06	56	55	+4	WSW	2	0	*	56	52	0.01		
Donaghadee	30.13	57	S	3	bc	30.16	-0.04	52	52	-3	E	2	f	0	60	49	-		
Barrow-in-Furness	30.15	59	W	2	b	30.15	-0.02	56	55	+2	WNW	2	0	*	61	53	-		
Liverpool (Bidston)	30.16	63	NW	1	b	30.16	-0.04	60	56	+8	NNE	1	m	1	67	53	-		
Holyhead	30.18	59	SSW	1	bcm	30.17	-0.03	56	55	-2	SW	3	m	3	64	50	-		
Parsonstown	30.15	63	W	1	0	30.19	-0.01	55	53	+2	2	0	om	*	69	52	-		
Valencia	30.19	59	W	1	0	30.21	0.00	57	55	0	W	2	0	2	67	53	-		
Roche's Point	30.17	60	SW	3	c	30.19	0.00	57	55	-1	SW	2	0	2	66	55	-		
Pembroke	30.18	56	W	1	bc	30.18	-0.01	55	54	+1	SSW	1	e	1	60	52	-		
Scilly	30.18	59	WNW	1	e	30.20	+0.02	59	56	+1	2	0	b	1	63	52	-		
Prawle Point	30.18	60	W	1	b	30.19	-0.03	59	56	+5	2	0	b	0	64	50	-		
Hurst Castle	30.13	62	SSW	2	b	30.20	0.00	60	58	0	WSW	2	b	1	74	54	-		
Dungeness	30.19	60	SSE	2	b	30.17	-0.04	65	60	+3	SSE	1	bc	1	65	53	-		
London	30.16	65	2	0	0	30.17	-0.03	61	56	+2	SW	1	0	*	73	55	-		
Oxford	30.17	62	S	2	0	30.16	-0.04	54	55	-2	SW	1	og	*	73	56	-		
Cambridge	30.16	63	SSE	1	c	30.16	-0.04	58	56	-1	SW	1	0	*	74	53	-		
Yarmouth	30.20	58	SE	3	b	30.18	-0.07	58	56	+1	SEW	1	bcv	2	61	53	-		
The Helder	30.19	60	NNE	1	c	30.18	-0.06	61	57	+4	SSE	1	0	1	64	57	-		
Cape Gris Nez																			
Jersey	30.17	61	N	2	b	30.18	-0.02	61	56	+3	N	1	bm	1	67	50	-		
Brest	30.14	66	NE	4	bc	30.17	0.00	?	55	?	E	?	?	3	72	52	-		
Lorient	30.16	64	S	1	b	30.17	0.00	57	55	+3	E	3	b	1	72	48	-		
Rocheport	30.13	73	NNE	4	bc	30.13	-0.04	65	60	+6	E	5	ba	4	?	54	-		
Biarritz	29.99	74	2	5	c	30.05	-0.03	66	64	+4	S	3	e	1	79	?	0.04		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	30.18	-0.02	61	55	+4	SSE	1	0	*	64	55	0.04		
Charleville	30.14	63	NNE	1	0	30.20	+0.03	58	56	0	NNE	1	f	*	68	50	-		
Paris	30.16	66	NNE	3	c	30.19	-0.03	64	60	+5	NNE	4	b	*	*	*	-		
Lyons	30.11	70	NNE	1	b	30.17	+0.02	66	61	+7	S	1	b	*	75	57	-		
Toulon	30.12	74	W	1	bc	30.15	+0.09	69	60	-4	E	4	bc	2	62	64	-		

## EXPLANATION OF COLUMNS

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; E. 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER CHARTS

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

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

**Wind** — Arrows show the prevalent winds. They fly with the wind and their kerbs 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 thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by Letters of the Beaufort Scale.

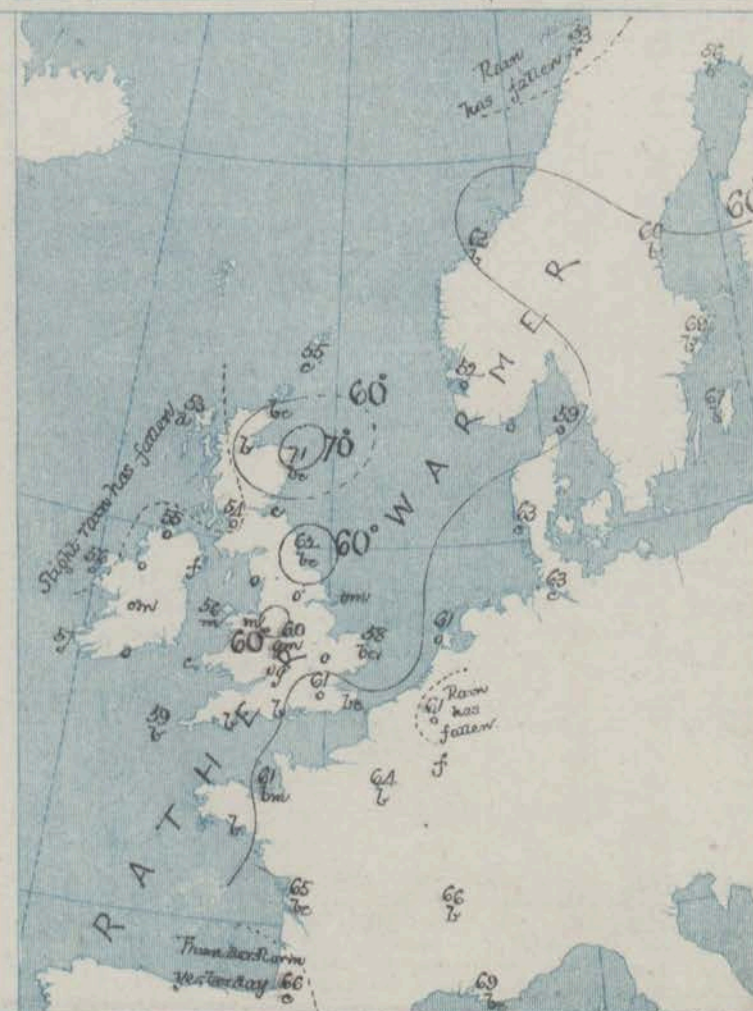
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.58
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.38
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	68.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





## for

Friday 3<sup>rd</sup> July

1885, at 8 a.m.

With the present conditions small shallow depressions are liable to be formed over England, and thunderstorms may possibly occur locally.

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 26<sup>th</sup> ult. between Long:  $45^{\circ}$  and  $46^{\circ}$  W; on the 27<sup>th</sup> in Long:  $46^{\circ}$  W; and on the 28<sup>th</sup> between Long:  $50^{\circ}$  and  $51^{\circ}$  W.

for the 24 hours ending at NOON on 4<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.		FORECASTS.	
0	SCOTLAND NORTH	W <sup>ly</sup> winds, moderate; fair generally.	
1	SCOTLAND EAST	SW <sup>ly</sup> winds, light; fair generally, but thunderstorms locally.	
2	ENGLAND N.E.	-----D°-----D°-----	
3	ENGLAND EAST	Same as N° 5.	
4	MIDLAND COUNTIES	Same as N° 5.	
5	ENGLAND SOUTH	Light variable breezes; fair to unsettled and thundery.	
6	SCOTLAND WEST	W <sup>ly</sup> winds, light; dull generally, perhaps some rain.	
7	ENGLAND N.W.	-----D°-----D°-----	
8	ENGLAND S.W.	Same as N° 5.	
9	IRELAND NORTH	Same as N° 6.	
10	IRELAND SOUTH	Same as N° 6.	
WARNINGS		None issued.	



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

TUESDAY'S 2 P.M. REPORTS AND REMARKS.														
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	30.17	63	55	ESR	2	6	Holyhead	30.20	60	57	SW	2	6m	2
Sumburgh Head	30.02	55	53	SW	4	c	Valencia	30.20	66	60	W	2	c	3
Stornoway	30.02	55	53	S	6	0	Scilly	30.19	62	55	2	0	c	2
Aberdeen	30.03	70	61	SSE	4	6	Dungeness	30.23	63	59	E	3	6c	1
Shields	30.10	63	54	E	2	6	London	30.19	68	57	ESR	1	0	*
Ardrossan	30.14	58	56	SSW	2	6	Yarmouth	30.22	60	56	SSW	3	6	3
Malin Head	30.12	60	57	NW	4	c	Jersey	30.19	65	57	NNE	1	6	1
Mullagmore	30.16	59	57	NW	3	c m	Rochefort	30.17	74	64	ESE	4	c	2
Belmullet	30.15	56	53	W	2	c								

## REMARKS.

The barometer is inclined to fall a little in most places, and the winds are very variable. The weather is overcast at Stornoway and also in London, but generally fine elsewhere. The sea is rather rough at Stornoway and Sumburgh Head.



# DAILY WEATHER REPORT

for Saturday — 4<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, No. 1, Victoria Road, London, W. 1, on the 1st day of the month.																			
† 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	30.22	56	S	2	b	30.11	-.08	60	53	+.4	S	4	bc	*	63	45	-		
Hernösand	30.20	55	W	0	b	30.06	-.21	58	55	-.2	S	2	e	*	68	?	-		
Stockholm	30.22	59	SE	2	b	30.07	-.17	60	57	-.9	W	0	0	*	71	55	0.04		
Wisby	30.11	59	SE	4	o	30.02	-.15	61	57	-.6	NW	4	bc	*	72	52	0.04		
Bodö	30.00	56	W	0	c	29.93	-.12	51	50	-.2	W	0	f	0	66	50	-		
Christiansund	30.16	55	W	2	f	29.95	-.03	55	52	-.8	NW	1	f	3	63	48	-		
Skudesnaes	30.13	55	SE	2	o	30.07	-.07	56	54	+.3	SE	6	0	4	59	?	-		
Oxö (Ålön)	30.15	54	W	4	c	30.12	-.03	57	55	+.2	W	4	0	2	59	54	-		
Skagen (The Skaw)	30.15	59	W	0	c	30.12	-.07	59	55	0	W	2	0	0	66	55	-		
Fanö	30.19	58	NW	2	c	30.18	-.01	65	56	+.2	NW	2	b	*	70	51	-		
Cuxhaven	30.21	58	N	2	bc	30.18	-.02	63	61	0	NW	1	0	*	65	58	-		
Sumburgh Head	30.01	53	S	2	c	30.01	+.05	51	49	-.4	W	8	c	2	58	47	0.05		
Stornoway	30.02	54	W	4	c	30.08	+.08	54	51	+.1	W	4	0	4	61	49	0.04		
Wick	30.03	58	NE	1	b	30.10	+.10	54	52	-.6	W	1	0	0	63	44	-		
Nairn	30.03	65	W	3	c	30.11	+.08	56	52	-.7	W	3	0	2	79	51	-		
Aberdeen	30.03	65	W	1	h	30.12	+.09	61	57	-.10	NW	1	bc	1	76	51	0.54		
Leith	30.10	64	W	1	b	30.15	+.06	60	54	+.1	W	3	bc	*	73	56	-		
Shields	30.08	71	W	3	bc	30.17	+.07	60	58	-.2	W	2	e	1	71	52	-		
Spurn Head	30.13	61	SE	3	bc	30.24	+.10	57	56	+.1	NW	3	bc	2	63	55	-		
York	30.13	68	W	1	o	30.20	+.07	61	58	+.3	NW	1	b	*	71	50	-		
Loughborough	30.13	69	W	1	c	30.21	+.06	62	58	+.2	NW	3	bc	*	74	51	-		
Ardsrossan	30.12	59	W	1	o	30.19	+.06	57	55	+.3	W	0	e	0	59	51	-		
Malin Head	30.13	56	W	3	m	30.12	+.01	56	56	+.1	W	4	0	3	60	51	-		
Mullaghmore	30.15	57	W	2	d	30.21	+.08	57	56	0	W	3	0	2	64	54	-		
Belmullet	30.14	57	W	3	o	30.18	+.07	54	54	-.2	W	2	0	*	58	53	0.01		
Donaghadee	30.15	59	S	2	c	30.22	+.06	59	56	+.7	NW	3	e	1	62	49	0.04		
Barrow-in-Furness	30.16	56	W	3	f	30.19	+.04	57	55	+.1	NW	1	om	*	61	54	-		
Liverpool (Bidston)	30.18	56	W	2	o	30.22	+.06	59	57	-.1	W	2	0	3	65	54	-		
Holyhead	30.10	59	W	1	bc	30.25	+.08	57	55	+.1	W	3	e	2	60	52	-		
Parsonstown	30.19	63	W	1	o	30.26	+.07	58	56	+.3	W	0	0	*	64	54	-		
Valencia	30.24	57	W	3	o	30.30	+.09	58	57	+.1	NW	2	om	1	65	54	0.02		
Roche's Point	30.22	60	W	2	c	30.27	+.08	61	58	+.4	W	1	e	2	65	55	-		
Pembroke	30.19	58	W	1	bc	30.23	+.05	54	53	-.1	W	1	f	0	60	50	-		
Scilly	30.21	61	NW	2	bc	30.26	+.06	58	56	-.1	NW	3	e	3	63	55	-		
Prawle Point	30.19	60	W	1	b	30.28	+.04	63	59	+.4	NW	1	b	0	66	50	-		
Hurst Castle	30.17	63	W	2	b	30.20	0.00	63	60	+.3	W	1	b	1	66	50	-		
Dungeness	30.16	64	W	2	b	30.16	-.01	60	56	-.5	W	1	b	1	67	50	-		
London	30.14	71	W	1	c	30.19	+.02	61	58	0	W	0	m	*	76	52	-		
Oxford	30.15	66	W	1	b	30.21	+.05	60	57	+.3	W	2	b	*	75	51	-		
Cambridge	30.15	67	S	1	c	30.19	+.03	61	59	+.3	W	1	om	*	71	49	-		
Yarmouth	30.16	61	SE	2	bc	30.17	-.01	61	59	+.3	W	0	b	0	63	55	-		
The Helder	30.17	63	NE	1	bc	30.16	-.02	62	58	+.1	W	0	bc	1	70	59	-		
Cape Gris Nez	30.16	66	W	0	b	30.13	-	63	57	-	W	1	m	1	66	57	-		
Jersey	30.16	62	W	3	bc	30.20	+.02	57	56	-.4	NW	3	bc	3	71	53	-		
Brest	30.17	64	NE	4	o	30.26	+.09	56	55	?	W	4	0	3	72	52	-		
Lorient	30.17	64	W	4	c	30.20	+.03	57	55	0	W	4	bc	2	75	46	-		
Rochefort	30.13	71	NW	5	o	30.20	+.07	64	63	-.1	W	8	0	2	?	51	0.08		
Biarritz	30.10	73	W	8	e	30.23	+.18	65	61	-.1	W	7	0	2	82	63	0.04		
Coruna	*	*	*	*	*	30.39	+.32	65	63	0	NW	1	f	2	72	52	-		
Brussels	*	*	*	*	*	30.13	-.05	61	58	0	NE	1	0	*	73	56	-		
Charleville	30.17	72	SW	1	b	30.11	-.09	61	59	+.3	SE	1	h	*	77	55	0.28		
Paris	30.08	72	NE	4	e	30.13	-.06	64	63	0	NW	4	bc	*	86	60	0.28		
Lyons	30.05	78	S	5	c	30.17	-.30	65	61	-.1	SE	3	b	*	86	60	0.12		
Toulon	30.17	67	W	5	m	30.22	+.07	64	60	-.5	W	3	m	2	75	63	-		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER CHARTS

for 8 a.m. on *Saturday 4<sup>th</sup> JULY* 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *July*  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.709
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.861
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by Letters of the Beaufort Scale.

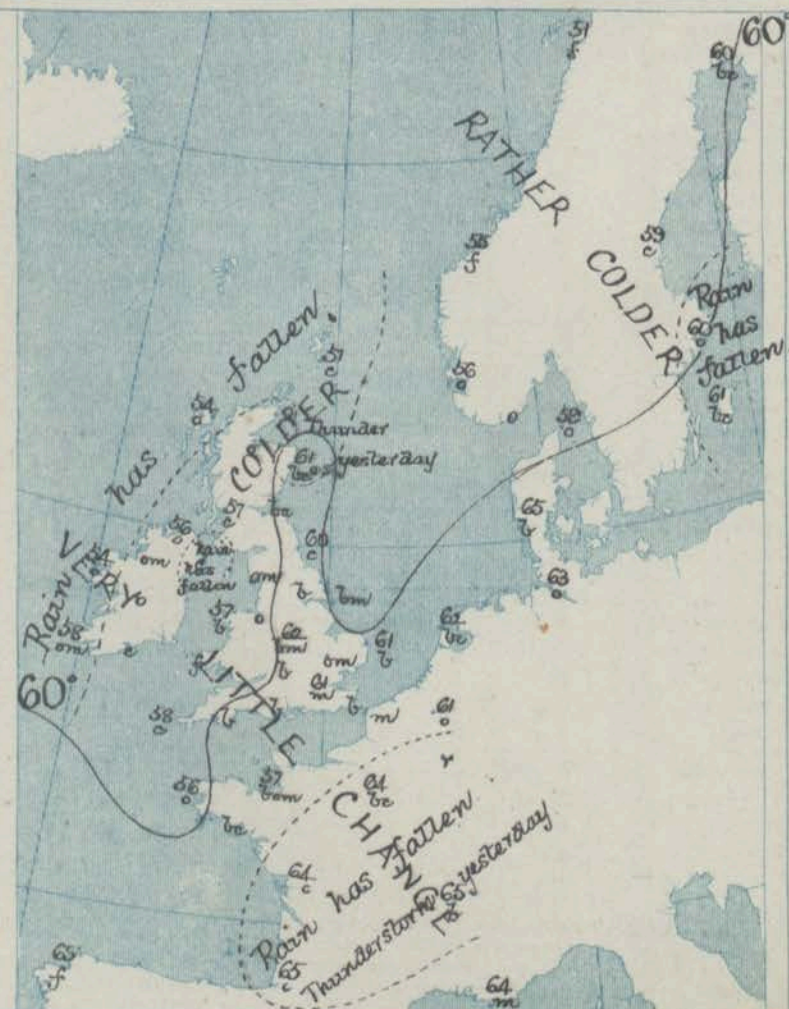
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of *July*

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 5 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.82
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.58
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





## for

Saturday 4<sup>TH</sup> July

1885, at 8 a.m.

The high-pressure system over England seems likely to hold for a time, and fine warm weather is therefore likely to continue.

For the 24 hours ending at NOON on 5<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW <sup>ly</sup> and W <sup>ly</sup> winds, moderate; cloudy, rain locally.	6 { SCOTLAND WEST	Same as N <sup>os</sup> 1 and 2.
1 { SCOTLAND EAST	W <sup>ly</sup> winds, light; fine, warm.	7 { ENGLAND N. W.	Same as N <sup>os</sup> 3 to 5.
2 { ENGLAND N. E.	----- D <sup>o</sup> ----- D <sup>o</sup> -----	8 { ENGLAND S. W.	Variable and NW <sup>ly</sup> breezes, fine warm.
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	Same as N <sup>o</sup> 0.
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 { IRELAND SOUTH	W <sup>ly</sup> winds, light; fair generally.
5 { ENGLAND SOUTH	NW <sup>ly</sup> and N <sup>ly</sup> winds, light; fine, warm.	WARNINGS	None issued



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

TUESDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		Bar.	Dry.	Wet.	Wind.	Woa.	Sea.		
Skudesnaes	30.17	58	53	E	4	c	3	Holyhead	30.19	59	57	WNW	2	mv	2
Sumburgh Head	30.01	55	53	W	3	c	5	Valencia	30.24	61	56	SW	2	c	3
Stornoway	30.02	60	56	SW	4	cfs	3	Scilly	30.22	63	58	NW	2	b	2
Aberdeen	30.02	73	68	SSE	4	c	2	Dungeness	30.19	66	63	E	2	b	1
Shields	30.11	67	62	SE	2	c	2	London	30.16	73	60	SW	1	c	*
Ardrossan	30.15	58	57	SSW	3	o	2	Yarmouth	30.18	62	59	SSE	3	bv	3
Malin Head	30.12	59	57	W	3	m	3	Jersey	30.17	70	69	N	1	b	1
Mullaghmore	30.15	62	59	SW	4	om	3	Rochefort	30.15	79	70	NW	1	e	1
Belmullet	30.14	57	56	SW	3	o	*								

## REMARKS.

The barometer is rising a little in the west but is almost stationary in the east. The wind shows very little change since the morning and fair weather continues in most places. At Stornoway, however, showers are falling. The sea is slight or smooth on all coasts.



# DAILY WEATHER REPORT

For Sunday 5<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Barometer. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.			
Haparanda	29.85	54	S	2	r	29.82	- .29	57	57	- 3	W	4	1	*	64	48	0.32		
Hernösand	29.89	60	SSW	2	bc	30.07	+ .01	58	51	0	N	4	c	*	66	50	—		
Stockholm	30.07	63	Z	0	b	30.05	- .02	64	59	+ 4	Z	0	b	*	75	55	0.04		
Wisby	30.03	64	S	4	b	30.02	— .00	63	57	+ 2	NW	4	b	*	72	57	—		
Rebø	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Christiansund	30.06	51	WSW	5	o	30.06	+ .11	52	47	- 3	SSW	1	o	4	?	46	—		
Skudesnaes	30.17	54	NW	4	c	30.13	+ .06	54	51	- 2	SSE	4	c	3	63	54	—		
Oksfjorden (Stiansund)	30.09	57	WSW	4	f	30.09	- .03	56	53	- 1	WSW	4	b	2	59	54	—		
Skagen (The Skaw)	30.08	57	WSW	4	o	30.09	- .03	59	55	0	W	6	b	3	63	52	—		
Faro	30.10	56	WNW	2	b	30.17	- .01	59	57	- 6	NW	2	c	*	68	54	—		
Cuxhaven	30.20	58	N	1	b	30.19	+ .01	65	62	+ 2	NE	1	b	*	67	57	—		
Sunbury Head	30.10	52	W	3	o	29.89	- .12	53	53	+ 2	WSW	5	r	4	57	49	0.36		
Stornoway	30.05	55	SSW	6	o	29.92	- .16	56	55	+ 2	SW	5	d	4	59	52	0.20		
Wick	30.10	55	NE	1	o	29.96	- .14	58	57	+ 4	SSW	2	o	0	60	52	0.14		
Nairn	30.15	65	SW	3	o	29.99	- .12	60	57	+ 4	SW	6	o	3	68	55	—		
Aberdeen	30.14	60	SSW	1	b	30.04	- .08	65	57	+ 4	SW	3	bc	1	65	53	0.01		
Leith	30.18	64	W	2	c	30.13	- .02	63	58	+ 3	W	1	c	*	71	56	—		
Shields	30.18	70	W	3	bc	30.18	+ .01	65	61	+ 5	SW	2	c	1	72	52	—		
Spurn Head	30.21	60	E	3	b	30.23	- .01	60	58	+ 3	WNW	3	bm	2	65	55	—		
York	30.21	69	W	2	b	30.25	+ .05	63	60	+ 2	WSW	2	b	*	75	52	—		
Loughborough	30.22	70	W	1	o	30.26	+ .05	64	59	+ 2	NW	3	b	*	76	47	—		
Ydrossan	30.21	57	SSW	1	c	30.16	- .03	57	56	0	SSW	5	bc	4	61	54	—		
Malin Head	30.18	58	W	5	c	30.15	- .02	59	56	+ 3	SW	5	o	4	62	56	—		
Mullaghmore	30.23	62	WSW	4	c	30.19	- .02	60	57	+ 3	SW	6	c	5	63	56	—		
Belmullet	30.24	59	W	3	bc	30.17	- .01	57	56	+ 3	SW	5	o	*	60	53	—		
Donaghadee	30.24	64	S	2	bc	30.21	- .01	60	57	+ 1	WNW	3	b	1	66	53	—		
Barrow-in-Furness	30.25	61	WNW	2	b	30.25	+ .06	57	56	0	SW	3	o	*	63	55	—		
Liverpool (Birkenhead)	30.27	61	WNW	3	b	30.27	+ .05	60	57	+ 1	WSW	1	o	2	65	55	—		
Holyhead	30.29	60	SSW	2	bc	30.28	+ .03	59	56	+ 2	WSW	3	c	2	65	54	—		
Parsonstown	30.29	64	W	1	bc	30.29	+ .03	59	56	+ 1	WSW	1	of	*	68	55	—		
Valencia	30.36	58	W	2	o	30.32	+ .02	59	56	+ 1	WSW	3	o	4	61	54	—		
Roche's Point	30.32	60	SW	3	bc	30.33	+ .06	59	56	- 2	SW	2	c	5	65	50	—		
Pembroke	29.31	59	WNW	2	b	30.31	+ .08	56	54	+ 2	NW	2	bc	1	63	53	—		
Seilly	30.32	61	NNW	3	bc	30.36	+ .10	58	56	0	NW	4	o	4	62	54	—		
Prawle Point	30.28	65	N	1	b	30.31	+ .08	67	62	+ 4	Z	0	b	0	72	53	—		
Hurst Castle	30.23	66	SW	1	c	30.27	+ .07	64	61	+ 1	WNW	1	m	1	72	56	—		
Dungeness	30.22	66	Z	0	m	30.30	+ .14	61	58	+ 1	N	1	m	*	72	54	—		
London	30.21	74	N	1	b	30.25	+ .06	64	59	+ 3	NW	1	bc	*	76	56	—		
Oxford	30.24	67	N	1	b	30.28	+ .07	60	57	0	N	1	bm	*	76	55	—		
Cambridge	30.21	69	N	1	bc	30.26	+ .07	64	59	+ 3	N	1	b	*	78	55	—		
Yarmouth	30.20	64	NNE	2	b	30.23	+ .06	62	60	+ 1	NW	1	b	1	66	51	—		
The Helder	30.20	61	Z	0	bc	30.20	+ .06	61	59	- 1	Z	0	b	1	66	59	—		
Cape Gris Nez	30.22	61	Z	0	m	30.20	+ .07	64	59	+ 1	Z	0	m	0	66	57	—		
Jersey	30.27	60	WNW	3	b	30.28	+ .08	61	59	+ 4	N	2	m	2	65	54	—		
Brest	30.32	60	NNW	3	b	30.36	+ .10	56	55	0	NNW	4	o	3	63	54	—		
Lorient	30.27	64	NW	5	bc	30.32	+ .12	57	55	0	NNW	5	o	3	68	50	—		
Rocheport	30.29	68	WNW	5	b	30.29	+ .09	63	61	- 1	NNW	4	bc	2	?	55	0.08		
Biarritz	30.30	67	NW	4	bc	30.31	+ .08	66	64	+ 1	NW	5	o	2	72	63	0.08		
Corunna	*	*	*	*	*	30.32	+ .13	63	62	- 2	NNE	1	f	4	70	50	—		
Brussels	*	*	*	*	*	30.19	+ .06	63	58	+ 2	NW	1	o	*	73	55	—		
Charleville	30.15	63	NNE	1	r	30.20	+ .09	59	57	- 2	N	1	o	*	62	58	0.95		
Paris	30.26	64	N	4	bc	30.26	+ .13	62	59	- 2	NNE	1	b	*	*	*	—		
Lyons	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Toulou	30.22	76	SW	1	m	30.14	+ .08	67	65	+ 3	S	1	f	2	81	64	—		

## 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.  
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 † The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by the Meteorological Office, London.



# WEATHER CHARTS

for 8 a.m. on

Sunday 5<sup>th</sup> July

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

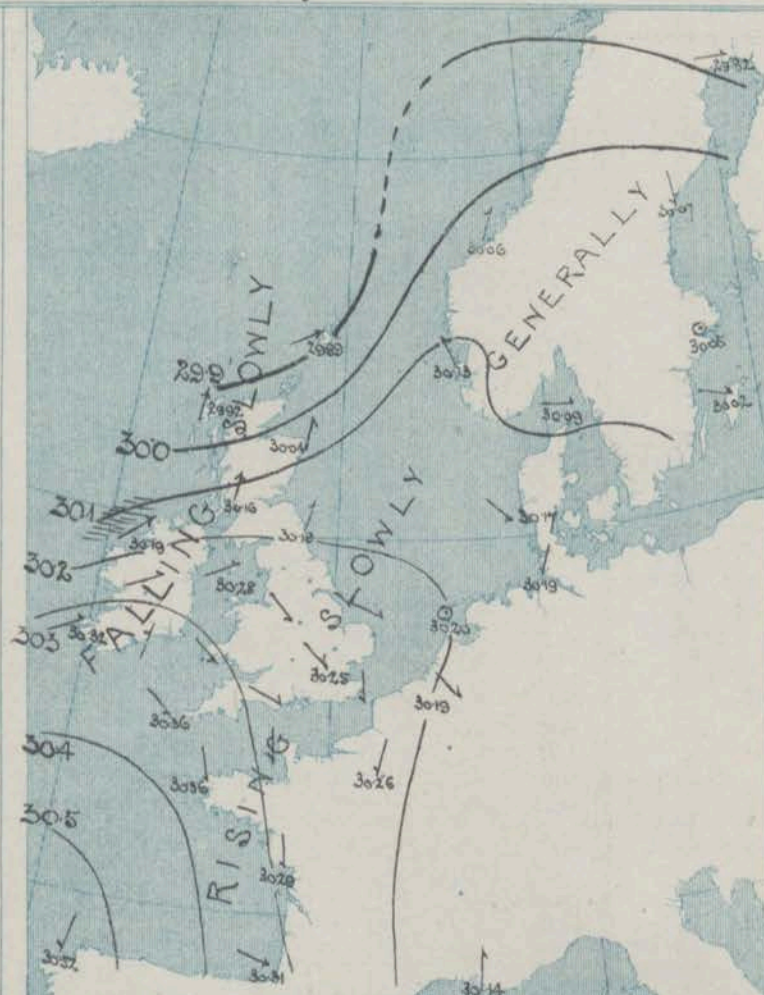
**Sea Disturbance** — where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
During the 10 years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by letters of the Beaufort Scale.

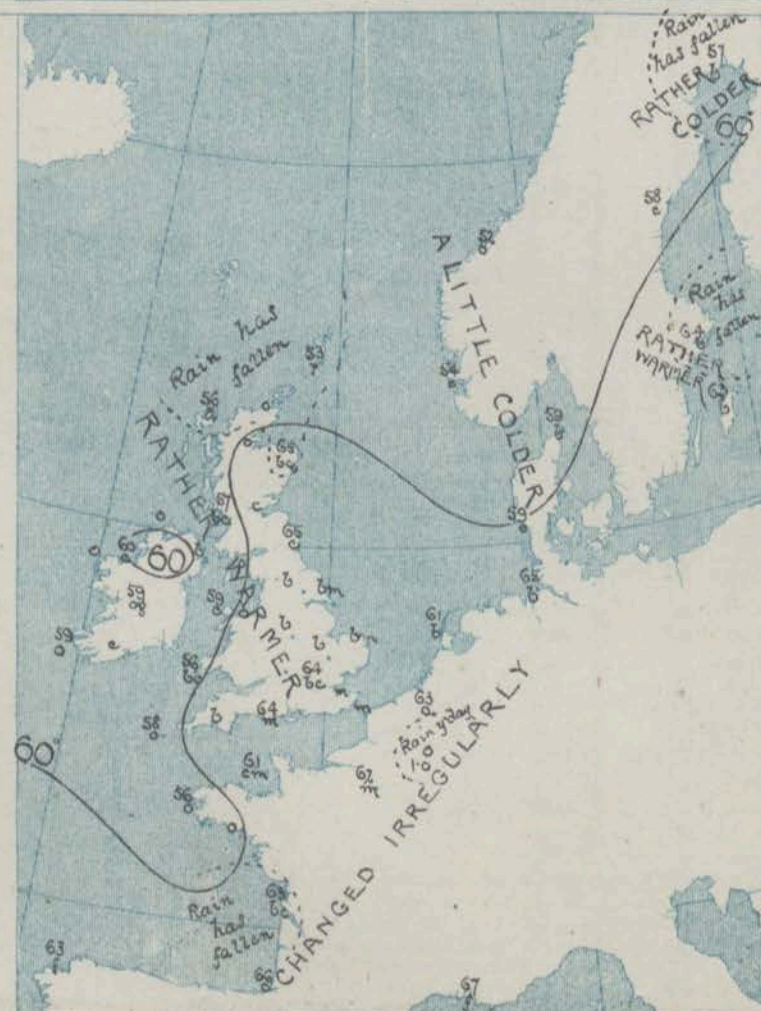
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	46.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen.	64.4	51.7	57.9	54.4	2.00
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.58
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.3	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.86
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





Sunday 5<sup>th</sup> July 1885. at 8 a.m.

Sunday 5<sup>th</sup> July 1885. at 8 a.m.

An anticyclone still lies to the southwest of our Islands and the barometer continues to rise over the greater part of England and France. In Ireland and Scotland, however, a fall has taken place since last evening and a large but somewhat shallow depression appears to be travelling in an easterly direction some distance to the north of Scotland. Fresh SW. breezes prevail on our northern and north-western coasts but at our southern and the French stations the wind is light or moderate from NW or N. The weather is dull in the west of Ireland and north of Scotland with rain at Lumburgh Head and Stornoway; elsewhere, however, the sky is moderately clear. Temperature has fallen a little in most places and readings now range from  $67^{\circ}$  at Prawle Point to  $53^{\circ}$  at Lumburgh Head. The highest maxima registered yesterday were  $78^{\circ}$  at Cambridge,  $76^{\circ}$  at Loughborough, Afford and in London, and  $75^{\circ}$  at York. The sea is rather rough at Mullaghmore, moderate to smooth elsewhere.

## FORECASTS

for the 24 hours ending at NOON on 6<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	None issued	6 { SCOTLAND WEST	None issued
1 { SCOTLAND EAST		7 { ENGLAND N. W.	
2 { ENGLAND N. E.		8 { ENGLAND S. W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	None issued



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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes	30.11	62	57	WNW	4	ef	3	Holyhead	30.28	62	59	WSW	2	bc	2
Sumburgh Head	30.08	55	51	W	3	e	3	Valencia	30.35	58	56	W	2	0	2
Stornoway	30.09	56	54	EW	5	0	4	Scilly	30.29	61	58	WNW	4	e	4
Aberdeen	30.16	60	55	SSW	3	bc	1	Dungeness	30.21	66	62	2	0	e	0
Shields	30.17	71	63	WSW	3	bc	1	London	30.20	74	60	WN	1	e	*
Ardrossan	30.22	58	57	SSW	2	0	2	Yarmouth	30.19	64	60	WNW	2	bc	1
Malin Head	30.19	61	58	W	5	bc	4	Jersey	30.25	64	59	WN	3	bc	3
Mullaghmore	30.24	60	58	WNW	3	e	3	Rochefort	30.27	70	66	WNW	4	bc	2
Belmullet							*								

## REMARKS.

The barometer continues to rise slowly at all stations, but no important change has taken place in the winds or weather. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for Monday 6<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, No. 1, Abchurch Lane, London, E.C. 4.																			
† YESTERDAY EVENING.							8 A.M. TO DAY.										PAST 24 HOURS.		
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.				
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.93	54	2	0	0	29.98	+16	55	46	-2	NW	2	6	*	63	48	-		
Hernösand	29.98	53	2	0	0	29.99	-08	58	54	0	N	2	6	*	70	52	0.16		
Stockholm	30.00	66	2	0	6	29.97	-08	69	61	+5	2	0	6	*	81	57	-		
Wisby	29.95	62	S	4	6	29.94	-08	63	60	0	NW	4	6	*	74	59	-		
Bodo	29.96	47	WSW	3	0	30.04	-07	48	46	-	WSW	2	6	*	45	45	0.04		
Christiansund	29.92	52	E	1	0	29.96	-10	53	52	+1	2	0	0	0	?	50	0.71		
Skudesnaes	30.06	57	SW	2	0	30.05	-08	57	55	+3	SE	2	0	3	59	54	-		
Oxö (Ålön)	30.04	56	WSW	6	0	30.06	-03	55	54	-1	SW	4	0	2	59	54	-		
Skagen (The Skaw)	30.04	57	WSW	5	0	30.04	-05	62	58	+3	W	5	6	3	64	55	-		
Faro	30.14	55	NW	4	6	30.15	-02	61	61	+8	N	4	6	*	66	54	-		
Cuxhaven	30.18	56	NW	3	6	30.16	-03	65	63	0	N	2	6	*	65	55	-		
Sumburgh Head	29.92	54	WSW	4	0	29.97	+08	54	53	+1	WSW	4	0	4	57	50	0.11		
Stornoway	29.92	59	SW	4	0	29.96	+04	55	54	-1	SSW	5	0	4	59	51	0.08		
Wick	29.96	58	SW	1	0	29.99	+03	60	57	+2	S	1	6	0	60	52	0.08		
Nairn	29.99	62	SW	4	0	30.01	+02	62	58	+2	WSW	3	0	2	63	55	-		
Aberdeen	30.03	64	NW	3	0	30.04	00	61	59	-4	N	1	0	1	70	56	0.08		
Leith	30.09	64	W	3	0	30.09	-04	62	59	-1	N	2	0	*	73	58	-		
Shields	30.14	71	WSW	2	6	30.14	-04	63	60	-2	SW	2	0	1	71	57	0.01		
Spurn Head	30.18	61	SSE	3	6	30.21	-02	63	60	+3	N	2	6	2	66	55	-		
York	30.20	66	W	2	6	30.21	-04	65	59	+2	W	2	6	*	73	52	-		
Loughborough	30.20	73	NW	3	6	30.25	-01	63	58	-1	N	2	6	*	77	49	-		
Ardrossan	30.11	60	WSW	4	0	30.13	-03	58	57	+1	NW	1	0	2	63	54	0.03		
Malin Head	30.09	56	W	6	0	30.07	-08	58	58	-1	S	3	0	3	64	54	0.11		
Mullagmore	30.14	59	SW	5	0	30.10	-09	58	57	-2	SW	3	0	2	66	56	0.15		
Belmullet	30.13	57	WSW	5	0	30.05	-12	57	56	0	S	4	0	0	58	55	0.42		
Doughadee	30.16	64	WSW	4	6	30.16	-05	62	59	+2	SW	1	6	0	74	58	0.01		
Barrow-in-Furness	30.20	60	SW	3	6	30.18	-07	58	54	+1	SW	5	6	*	62	55	-		
Liverpool (Gibson)	30.23	64	W	3	6	30.23	-04	65	59	+5	SW	2	6	2	66	56	-		
Holyhead	30.25	60	SSW	3	6	30.23	-05	58	56	-1	SSW	4	0	3	63	54	-		
Parsonstown	30.23	63	WSW	1	0	30.18	-11	60	58	+1	W	1	0	*	67	56	-		
Valencia	30.29	60	SW	5	0	30.19	-13	58	56	-1	SSW	5	0	6	63	55	-		
Roche's Point	30.30	63	W	3	6	30.25	-08	61	57	+2	SW	4	0	4	67	50	-		
Pembroke	30.29	59	W	3	6	30.27	-04	57	54	+1	WSW	3	0	2	61	54	-		
Scilly	30.35	60	NW	4	0	30.33	-03	60	58	+2	WSW	1	0	3	61	54	0.02		
Frawle Point	30.28	62	NW	3	6	30.34	+03	56	56	-11	NW	1	0	2	73	54	-		
Hurst Castle	30.22	71	NW	4	6	30.29	+02	63	61	-1	NW	2	6	1	74	52	0.01		
Dungeness	30.22	63	WSW	1	0	30.25	-05	63	61	+2	NW	2	0	1	68	53	0.01		
London	30.19	74	NW	1	6	30.26	+01	64	58	0	2	0	0	*	79	55	-		
Oxford	30.21	67	W	2	6	30.28	00	62	59	+2	N	1	6	*	75	50	-		
Cambridge	30.24	68	N	1	6	30.26	00	64	59	0	N	1	6	*	79	51	-		
Yarmouth	30.22	65	E/NE	1	6	30.23	00	62	59	0	N/NE	1	6	1	65	55	-		
The Helder	30.19	62	2	0	6	30.22	+02	62	58	+1	NW	1	6	1	68	59	-		
Cape Gris Nez	30.28	59	NW	3	0	30.32	+04	57	54	-4	NW	3	0	3	66	54	-		
Jersey	30.37	57	NW	5	0	30.38	+01	56	54	0	NW	3	0	2	63	54	-		
Lorient	30.27	64	NW	5	6	30.37	+05	55	53	-2	NW	4	0	3	68	46	-		
Rochefort	30.31	65	NW	4	0	30.37	+08	60	59	-3	NW	5	0	2	?	54	-		
Blancitz	30.37	64	W	4	0	30.38	+07	63	57	-3	NW	3	0	2	68	61	-		
Corunna	*	*	*	*	*	30.23	+04	63	58	0	NW	1	6	*	70	56	-		
Brussels	*	*	*	*	*	30.23	+04	63	58	0	NW	1	6	*	70	56	-		
Charleville	?	68	N	1	0	30.27	+07	62	59	+3	N	1	0	*	74	50	-		
Paris	30.25	73	SW	4	6	30.31	+05	62	59	0	WSW	4	0	*	?	?	-		
Lyons	30.19	62	W	4	0	30.25	-	60	58	-	NE	3	0	*	69	56	0.04		
Toulon	30.15	72	W	4	0	30.13	-01	61	55	-6	NW	5	0	2	79	59	-		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by the Meteorological Office, 116, Victoria Street, London.



# WEATHER CHARTS

for 8 a.m. on

Monday 6<sup>th</sup> JULY

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.981
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather**—is shown by Letters of the Beaufort Scale.

**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 IN SHADE. AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.6	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for

Monday 6<sup>th</sup> July

1885. at 8 a.m.

The anticyclone which lay to the southwestward of our Islands yesterday has extended eastwards over the Channel and France, where a slight fall has taken place during the night. The wind is N.W. in France and the south of England, but elsewhere it varies between SW or S. and at Stormoway and Valencia it blows fresh. The weather is fine over the greater part of England as well as at most of the Continental stations but cloudy or overcast on our western coasts, with showers at Mullaghmore. Rain fell yesterday at several of our western and northern stations and thunder was heard at Buncress during the afternoon. Temperature has risen a little in most parts of our Islands; and readings range from 65° at York to 54° in the Shetlands. The highest maxima registered yesterday were 79° in London and at Cambridge, 77° at Loughborough, and 75° at Oxford. The sea is rough at Valencia moderate to smooth elsewhere.

The depressions which are now passing along our western and northern coasts are likely to cause unsettled weather in Ireland and Scotland, but over the southeast of England conditions will probably remain fine for the present.

## FORECASTS

for the 24 hours ending at NOON on 7<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

SW<sup>ly</sup> winds, moderate or fresh; cloudy,  
some rain.

1 { SCOTLAND  
EAST

----- D° ----- D° -----

2 { ENGLAND  
N.E.

W<sup>ly</sup> or SW<sup>ly</sup> winds, light; fair generally

3 { ENGLAND  
EAST

Same as N° 5.

4 { MIDLAND  
COUNTIES

Same as N° 2

5 { ENGLAND  
SOUTH

NW<sup>ly</sup> to W<sup>ly</sup> winds, light; fine, warm.

6 { SCOTLAND  
WEST

Same as N°s 0 and 1.

7 { ENGLAND  
N.W.

SW<sup>ly</sup> winds, fresh; fair to cloudy  
and unsettled.

8 { ENGLAND  
S.W.

SW<sup>ly</sup> winds, light to fresh; cloudy,  
rain locally.

9 { IRELAND  
NORTH

S<sup>ly</sup> and SW<sup>ly</sup> winds, fresh; cloudy,  
some rain.

10 { IRELAND  
SOUTH

----- D° ----- D° -----

### WARNINGS

None issued.



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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	30.09	53	55	SSE	6	0	3	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rocheport	30.31	67	64	WNW	7
Belmullet							*					e	2

## REMARKS.

### SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS

#### AND THEIR NEIGHBOURHOOD

FROM THE 28<sup>TH</sup> JUNE TO THE 4<sup>TH</sup> JULY 1885.

During this week fine weather has prevailed over nearly the whole of our Islands, while thunderstorms and rain have been very prevalent in France. Temperature was rather low during the first half of the week and the winds were NE<sup>ly</sup> to NW<sup>ly</sup> but towards its close, the thermometer began to rise and SW<sup>ly</sup> breezes were setting in over the northern and western parts of the Country while NW<sup>ly</sup> breezes prevailed elsewhere. The distribution of pressure has been anticyclonic throughout, the system noticed over our northern districts on June 28<sup>th</sup> having moved to the westward of Ireland on the 29<sup>th</sup>, after which an offshoot from it travelled eastwards over our southern counties and dispersed.

On July 2<sup>nd</sup> two high-pressure systems were observed but they were small and badly defined. On the 3<sup>rd</sup> a better formed system appeared off our southwestern coasts while another lay over northern Europe. The former increased while the latter gave way, and Saturday night found us with pressure varying from a little above 30.3 ins in the extreme southwest of Ireland to 30.1 ins at the southern extremities of Norway and the Shetland Isles.



# DAILY WEATHER REPORT

for *Tuesday 7<sup>th</sup> July 1885.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 10, North Colindale Avenue, N. H. 50011, Secretary.																			
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	30.00	52	Z	0	b	30.02	+0.04	61	48	+6	Z	0	b	*	61	45	-		
Hernösand	30.06	53	NE	2	n	30.07	+0.08	58	54	0	Z	0	b	*	59	46	-		
Stockholm	29.92	68	S	2	b	30.00	+0.03	63	57	+6	NNW	2	b	*	81	59	-		
Wisby	29.87	63	N	4	bc	29.90	-0.04	63	60	0	N	4	b	*	70	55	-		
Bodö	30.05	47	E/NE	2	b	30.01	-0.03	43	47	0	N	2	b	*	54	41	-		
Christiansund	30.02	54	WNW	1	b	29.97	+0.01	59	56	+6	ESE	1	b	1	59	52	0.20		
Skudeanes	30.06	57	SSE	2	o	30.01	-0.04	58	54	+1	SSE	4	o	3	61	57	-		
Oxö (Christiansund)	30.04	58	WSW	4	m	30.06	0.00	57	55	+2	WSW	4	b	2	61	54	-		
Skagen (The Skaw)	30.01	59	W	4	bc	30.04	0.00	59	57	-3	WSW	4	o	3	68	55	-		
Fanö	30.14	58	WSW	2	b	30.15	0.00	67	62	0	W	4	b	*	70	57	-		
Cuxhaven	30.19	59	N	2	b	30.24	+0.08	69	66	+4	WNW	2	b	*	69	58	-		
Sumburgh Head	29.94	55	S	3	e	29.60	-0.34	54	53	0	S	3	e	3	58	50	0.02		
Stornoway	29.81	57	S	5	m	29.61	-0.35	56	55	+1	S	5	m	4	59	53	0.22		
Wick	29.91	57	S	3	o	29.67	-0.22	56	54	-2	S	2	bc	1	64	54	0.03		
Nairn	29.88	67	WSW	3	bc	29.69	-0.32	67	66	+5	WSW	6	bc	3	71	60	-		
Aberdeen	29.98	68	SSW	3	o	29.78	-0.26	58	56	-3	SSW	8	o	2	74	54	-		
Leith	30.00	64	SW	4	bc	29.80	-0.29	61	57	-1	SW	5	e	*	76	57	-		
Shields	30.08	68	SW	4	e	29.94	-0.24	57	57	-6	SSW	4	n	2	69	55	0.20		
Spurn Head	30.12	72	SW	8	bc	30.09	-0.12	60	58	-3	SW	4	e	2	76	55	-		
York	30.13	70	WSW	3	bc	30.06	-0.15	58	56	-7	SSW	2	o	*	75	58	-		
Loughborough	30.16	73	WSW	4	b	30.12	-0.13	58	55	-5	SSW	4	o	*	77	52	-		
Ardrossan	29.98	61	S	2	o	29.80	-0.33	57	57	-1	SSW	5	n	4	62	54	0.49		
Malin Head	29.78	56	SSW	6	n	29.74	-0.33	57	54	-1	WSW	4	n	3	63	55	0.11		
Mullaghmore	29.86	58	SSW	7	nq	29.76	-0.34	59	58	+1	WSW	4	comp	2	63	57	0.21		
Belmullet	29.79	57	SSW	7	n	29.76	-0.29	56	54	-1	SW	3	e	*	59	54	0.30		
Donaghadee	30.00	60	SSW	4	n	29.83	-0.33	57	57	-5	WSW	5	o	3	69	55	0.22		
Barrow-in-Furness	30.13	60	WNW	5	b	29.98	-0.20	57	56	-1	SSW	5	n	*	63	56	0.20		
Liverpool (Bliston)	30.15	63	SW	4	bc	30.03	-0.20	56	55	-9	SSE	1	n	3	70	55	0.49		
Holyhead	30.14	57	SSW	5	o	29.96	-0.24	56	56	-2	S	6	nq	5	61	55	0.23		
Parsonstown	30.01	59	E	2	n	29.84	-0.34	61	59	+1	SSW	1	og	*	60	56	0.38		
Valencia	29.97	58	S	8	nmv	29.87	-0.32	56	55	-2	N	2	o	3	62	54	0.82		
Roche's Point	30.08	59	SW	5	o	29.90	-0.35	58	58	-3	SSW	6	nmv	5	64	55	0.35		
Pembroke	30.21	57	SSW	4	o	30.06	-0.21	56	55	-1	S	7	o	5	58	55	0.01		
Scilly	30.26	58	SW	4	expd	30.12	-0.21	59	56	-1	SW	6	o	6	64	56	0.01		
Prawle Point	30.29	57	WSW	4	e	30.21	-0.13	56	55	0	SW	4	o	4	62	53	-		
Hurst Castle	30.26	63	WSW	5	b	30.25	-0.04	56	55	-7	WSW	5	e	2	71	54	-		
Dungeness	30.19	64	W	3	b	30.23	-0.02	57	56	-6	W	4	e	2	71	56	-		
London	30.19	78	W	2	b	30.20	-0.06	61	56	-3	SW	3	bc	*	81	53	-		
Oxford	30.21	63	W	2	b	30.17	-0.11	64	56	+2	SSW	4	o	*	75	52	-		
Cambridge	30.17	71	W	1	b	30.17	-0.09	64	58	0	S	1	bc	*	80	54	-		
Yarmouth	30.19	65	SSE	2	b	30.18	-0.05	65	60	+3	SW	2	b	1	67	54	-		
The Helder	30.20	64	WSW	1	b	30.18	-0.04	63	60	+1	SW	1	b	1	68	54	-		
Cape Gris Nez																			
Jersey	30.32	57	WNW	8	om	30.24	-0.05	58	56	+1	SSW	3	og	3	62	52	-		
Brest	30.34	58	W	8	m	30.24	-0.11	57	55	+1	S	4	o	4	63	55	-		
Lorient	30.31	61	W	5	e	30.31	-0.06	57	55	+2	WSW	3	o	1	64	52	-		
Rochefort	30.36	64	WNW	5	e	30.36	-0.01	63	61	+3	NE	1	b	1	64	54	-		
Biarritz	30.31	64	WNW	4	o	30.30	-0.08	63	60	0	S	1	e	1	68	57	-		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	30.24	+0.01	62	58	-1	WSW	1	b	*	76	56	-		
Charleville	30.32	68	N	1	e	30.34	+0.07	58	56	-4	N	4	b	*	77	51	-		
Paris	30.26	70	SW	4	b	30.33	+0.02	56	54	-6	WNW	4	e	*	77	51	-		
	30.20	68	NNW	5	e	30.24	-0.01	63	59	+3	NNW	5	b	*	72	57	0.04		
	30.06	69	SW	5	m	30.06	-0.07	68	58	+7	Z	0	m	3	75	59	-		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER CHARTS

for 8 a.m. on Tuesday 7<sup>th</sup> JULY 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

**Sea Disturbance** — where considerable is shown thus

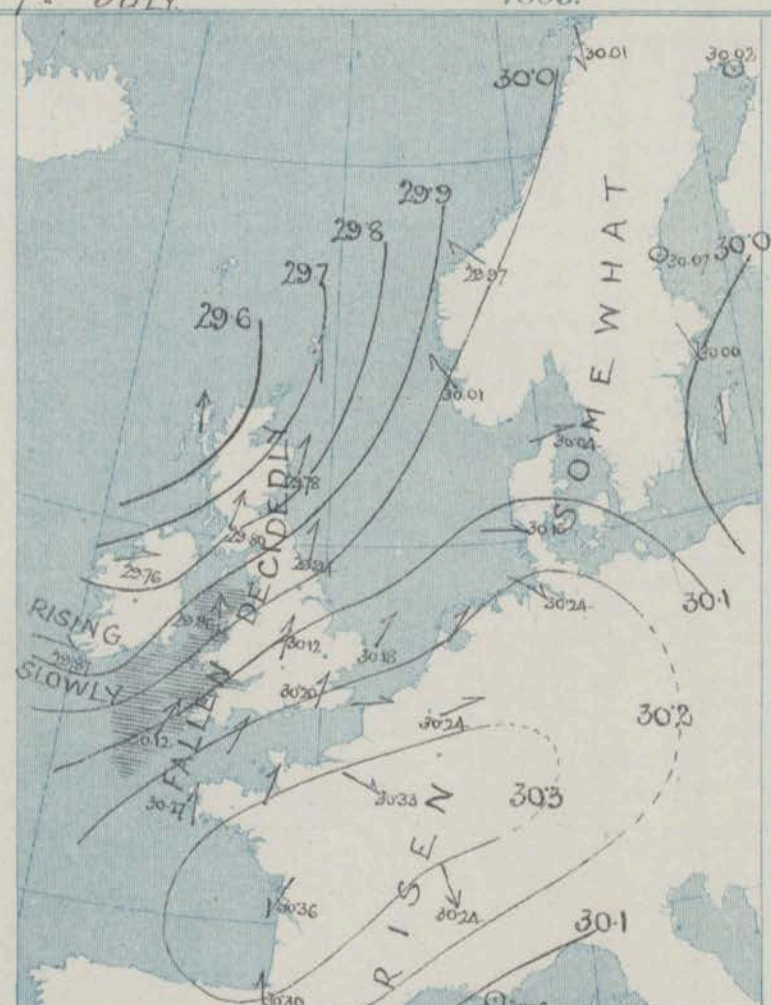
■ — Rough. ■ — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by Letters of the Beaufort Scale.

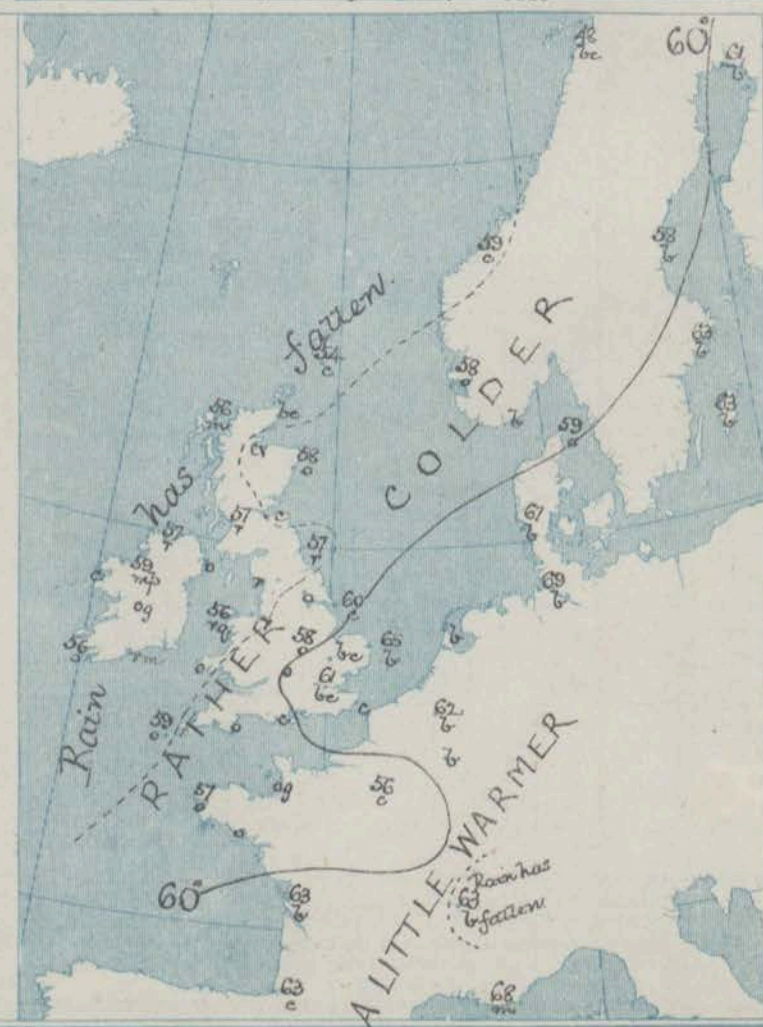
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.3 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.6	63.0	59.2	1.92
LONDON	73.3	54.2	62.6	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.





# REMARKS.

for

Tuesday 7<sup>th</sup> July 1885, at 8 a.m.

In the course of the past twentyfour hours a well-marked depression has arrived off our northwestern coasts from the southwestward, while a shallow subsidiary disturbance is travelling across Ireland from the westward. Pressure is highest (30.3 in. and upwards) over France, and moderate gradients for SW<sup>ly</sup> winds prevail over the British Islands generally. Temperature has decreased somewhat in most places, and readings over the United Kingdom are rather uniform between 56° and 65°. The highest values recorded yesterday were 81° in London, 80° at Cambridge, 77° at Loughborough and 76° at Spurn Head and Seith. In Central Ireland the maxima were much lower than these. SW<sup>ly</sup> breezes now prevail very generally, and blow strongly at several of our western and northern stations. The gales noticed in the far west last evening have died down. The weather remains fine and bright over the southeastern parts of the Kingdom, but has become dull and rainy in the west and north. The sea is rough in the west, slight or smooth in the SE and E.

As the subsidiary disturbance in the west moves eastwards, some slight showers may occur over England, followed by clear weather again.

## FORECASTS

For the 24 hours ending at NOON on 8<sup>th</sup> July 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S <sup>ly</sup> and SW <sup>ly</sup> winds, strong; some showers, with bright intervals.	6 { SCOTLAND WEST	Same as N <sup>os</sup> 0 and 1.
1 { SCOTLAND EAST	----- D <sup>o</sup> ----- D <sup>o</sup> -----	7 { ENGLAND N. W.	Same as N <sup>os</sup> 0 and 1.
2 { ENGLAND N. E.	Same as N <sup>o</sup> 4.	8 { ENGLAND S. W.	SW <sup>ly</sup> to W <sup>ly</sup> breezes, fresh; some showers with bright intervals.
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	SW <sup>ly</sup> winds, varying a little, fresh; rain at times.
4 { MIDLAND COUNTIES	SW <sup>ly</sup> breezes, fresh; slight local showers.	10 { IRELAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> -----
5 { ENGLAND SOUTH	SW <sup>ly</sup> breezes, fresh to moderate; possibly a slight shower or two, but fair generally.	WARNINGS	The South cone was hoisted last evening in districts N <sup>os</sup> 0, 1 and part of 6.



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

RESIDUALS 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.08	61	57	SSW	2	bc m	3	Holyhead	30.19	61	58	SSW	5	bc g	4
Sumburgh Head	29.98	54	53	SSW	3	0	4	Valencia	30.19	69	57	SSW	8	om	7
Stornoway	29.91	57	56	SSW	6	m	5	Scilly	30.31	63	59	SW	5	e	4
Aberdeen	30.03	69	63	N	1	bc	1	Dungeness	30.27	67	64	SSW	2	m	1
Shields	30.12	68	61	SSW	3	e	1	London	30.23	79	64	WSW	3	b	*
Ardrossan	30.07	61	60	SSW	2	e	1	Yarmouth	30.24	66	61	SSE	2	b	1
Malin Head	29.91	61	58	S	5	N	4	Jersey	30.32	60	57	NW	3	0	3
Mullaghmore	29.99	63	57	SSW	6	0	5	Rochefort	30.40	62	59	NW	5	0	2
Belmullet	29.90	57	56	S	6	N	*								

## REMARKS.

The barometer is now falling at all but our extreme southeastern stations, and the wind is increasing from the S<sup>d</sup> on the west coast of Ireland and Scotland. At Valencia a fresh SW gale is reported. Fine weather continues in most parts of Britain. The sea is high at Valencia, rather rough at Stornoway and Mullaghmore, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.



# DAILY WEATHER REPORT

for Wednesday 8<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.					
			Direc.	Force. (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12)		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	30.00	55	W	2	o	29.98	- .04	58	50	- 3	SW	2	o	*	66	41	—		
Hernösand	30.01	58	SSE	2	b	29.97	- .10	59	55	+ 1	S	2	c	*	73	46	—		
Stockholm	30.03	64	Z	0	b	30.02	+ .03	71	64	+ 3	Z	0	b	*	79	54	—		
Wisby	29.94	60	N	2	b	29.99	+ .09	64	60	+ 1	NE	2	b	*	70	55	—		
Bodö	29.93	49	NNE	1	λ	29.89	- .12	55	54	+ 7	Z	0	o	1	55	46	—		
Christiansund	29.87	55	WNW	1	o	29.80	- .17	60	57	+ 1	Z	0	o	0	66	54	0.08		
† Skudesnaes	29.95	57	SSW	6	λ	29.87	- .14	58	57	0	SSE	8	λ	5	59	57	0.16		
Oxö (Xtiansund)	30.04	53	SW	4	b	30.01	- .03	59	58	+ 2	S	2	f	1	63	53	—		
Skagen (The Skaw)	30.05	62	WSW	2	b	30.05	+ .01	59	56	0	SSW	2	b	1	72	54	—		
Fanö	30.10	59	SW	2	b	30.08	- .07	68	63	+ 1	SW	4	c	*	70	54	—		
Cuxhaven	30.18	62	N	1	b	30.16	- .08	71	66	+ 2	WSW	2	b	*	71	61	—		
† Sumburgh Head	29.62	55	N	1	b	29.56	- .06	53	53	- 1	SE	2	f	3	59	50	0.16		
† Stornoway	29.67	56	SW	5	be	29.63	+ .03	54	49	- 2	SW	6	be	5	60	48	0.09		
Wick	29.72	53	S	1	be	29.67	- .05	58	56	+ 2	W	4	b	2	68	52	0.04		
Nairn	29.70	65	WSW	2	c	29.70	+ .01	57	51	- 10	W	2	b	2	73	52	0.05		
† Aberdeen	29.76	57	SSE	3	λ	29.76	- .02	61	52	+ 3	SW	4	b	2	65	54	0.04		
Leith	29.77	61	SW	4	c	29.82	+ .02	58	52	- 3	W	3	b	*	69	54	—		
† Shields	29.89	64	SW	3	o	29.88	- .06	62	57	+ 5	WSW	1	c	1	66	56	0.07		
Spurn Head	30.02	61	SSW	4	λ	29.98	- .11	59	58	- 1	SSW	4	cm	2	67	56	0.06		
York	29.98	61	S	3	λ	29.93	- .13	61	58	+ 3	S	2	c	*	68	55	0.22		
Loughborough	30.03	63	SSW	5	λ	29.99	- .13	60	58	+ 2	SW	4	o	*	69	56	0.04		
† Ardrossan	29.77	55	SW	1	λ	29.85	+ .05	55	53	- 2	WSW	4	b	3	58	51	0.35		
Malin Head	29.75	56	WNW	3	be	29.85	+ .11	55	51	- 2	SW	5	c	5	60	49	0.02		
† Mullaghmore	29.76	59	Z	0	c	29.87	+ .11	55	50	- 4	SW	5	bep	4	61	53	0.06		
Belmullet	29.71	56	S	3	be	29.87	+ .11	54	50	- 2	WSW	5	b	*	58	48	0.07		
Donaghadee	29.79	60	WSW	4	o	29.91	+ .08	56	52	- 1	WNW	3	b	1	62	48	0.15		
Barrow-in-Furness	29.90	59	S	6	λ	29.91	- .07	56	54	- 1	SW	4	o	*	59	55	0.70		
Liverpool (Bidston)	29.94	60	S	4	o	29.95	- .08	59	55	+ 3	W	2	c	3	61	55	0.52		
† Holyhead	29.89	56	SSW	7	λ	29.93	+ .02	57	55	+ 1	W	3	be	3	58	53	0.33		
Parsonstown	29.82	62	SSW	2	be	29.97	+ .13	56	52	- 5	W	2	c	*	63	46	0.13		
† Valencia	29.85	58	SSW	4	c	30.02	+ .15	57	53	+ 1	WSW	5	be	5	63	43	0.07		
Roche's Point	29.86	59	SW	4	c	30.02	+ .12	57	53	- 1	WSW	4	b	4	61	49	0.15		
Pembroke	29.96	55	S	7	λ	30.02	- .04	55	53	- 1	WSW	4	c	4	57	54	0.45		
† Scilly	30.03	57	SSW	6	λ	30.08	- .04	58	56	- 1	W	3	op	5	62	55	0.62		
Prawle Point	30.15	57	SSW	4	o	30.07	- .14	57	57	+ 1	WSW	2	f	3	58	54	0.10		
Hurst Castle	30.17	59	SW	4	c	30.10	- .15	59	57	+ 3	SW	5	c	3	63	55	0.02		
† Dungeness	30.20	59	WSW	3	be	30.13	- .10	62	60	+ 5	SW	1	be	2	63	55	—		
† London	30.15	64	SW	4	c	30.09	- .11	60	58	- 1	SW	2	o	*	72	56	0.01		
Oxford	30.09	59	SSW	4	o	30.04	- .13	60	58	- 4	SW	4	og	*	67	56	—		
Cambridge	30.09	63	S	2	o	30.04	- .13	61	59	- 3	S	2	o	*	72	66	0.02		
† Yarmouth	30.10	69	SW	4	be	30.07	- .11	64	59	- 1	SW	4	be	2	70	57	—		
The Helder	30.13	63	SW	3	be	30.10	- .08	66	57	+ 3	SSW	3	be	2	69	59	—		
Cape Gris Nez	30.16	60	SW	3	be	30.08	- .08	62	63	-	SW	1	b	1	63	?	?		
† Jersey	30.17	67	SE	2	b	30.13	- .14	59	57	+ 1	S	3	ogm	2	67	54	—		
Brest	30.21	59	SW	4	o	30.11	- .16	58	58	+ 1	SW	5	m	4	72	53	0.16		
Lorient	30.24	61	WSW	3	o	30.17	- .14	61	59	+ 4	SW	4	o	2	68	52	—		
† Rochefort	30.25	69	WSW	4	b	30.23	- .13	64	64	+ 1	ENE	1	b	2	?	55	—		
Biarritz	30.19	68	ENE	4	m	30.20	- .10	63	62	0	W	3	m	0	77	61	—		
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
Brussels	*	*	*	*	*	30.14	- .10	59	62	+ 7	SW	3	b	*	77	61	—		
Charleville	30.21	71	W	4	be	30.18	- .16	61	59	+ 3	VW	1	b	*	77	54	—		
Paris	30.21	69	SW	4	be	30.19	- .14	71	65	+ 15	S	4	b	*	*	*	—		
Lyons	30.13	75	N	5	b	30.17	- .07	66	59	+ 3	V	1	b	*	77	59	—		
Toulon	30.06	75	W	1	m	30.12	+ .06	67	64	- 1	E	1	m	2	82	63	—		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 8<sup>TH</sup> July. 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

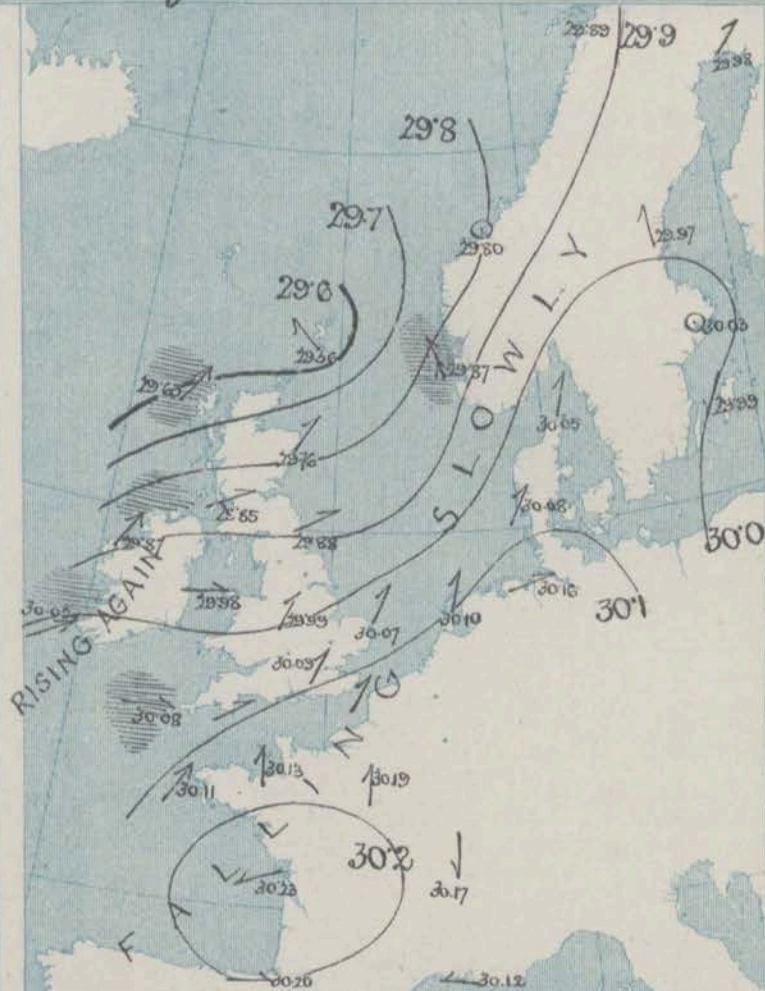
**Sea Disturbance** — where considerable is shown thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by Letters of the Beaufort Scale.

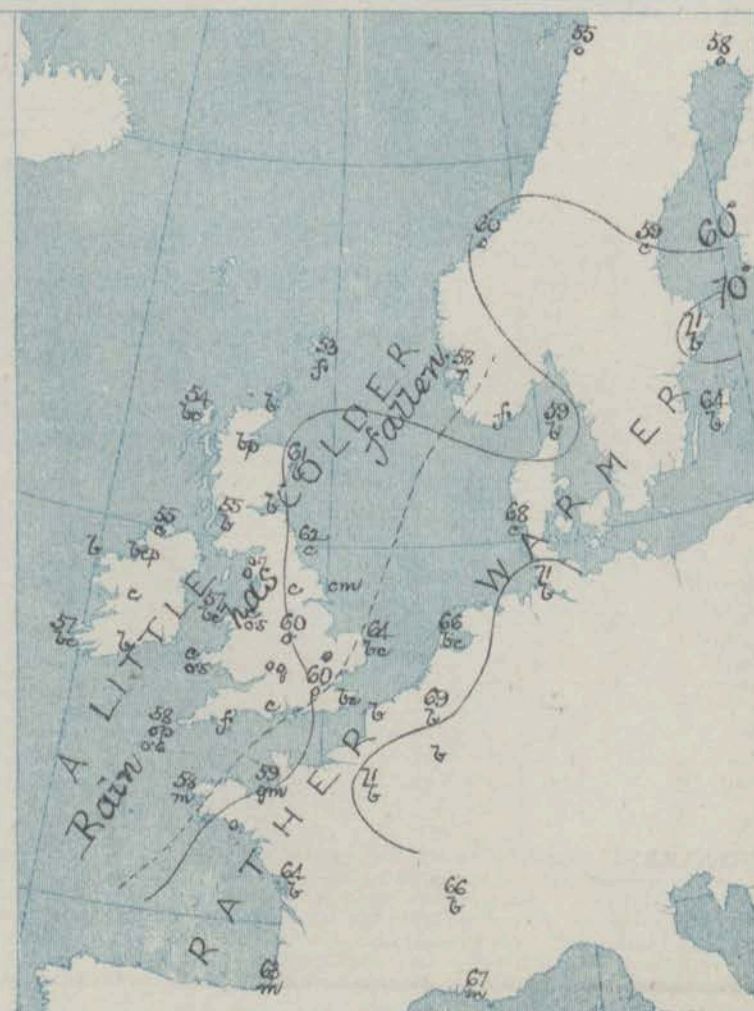
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	40.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.00
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.66
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.6	61.4	58.4	2.82

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





for WEDNESDAY 8<sup>th</sup> JULY 1885. at 8 a.m.

The present indications are in favour of occasional showers, separated by bright interval, in all parts of the Kingdom.

for the 24 hours ending at NOON on 9<sup>th</sup> JULY 1885.  
(Issued at 11 a.m. on the previous day.)

*Fredk. Dargertfeld, Lith. London, (131.)*



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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.99	59	57	SSE	6	of	Holyhead	29.94	56	56	SSW	7	6
Sumburgh Head	29.60	55	54	S	3	n	Valencia	29.89	62	57	WSW	3	2
Stornoway	29.67	57	52	SW	4	c	Scilly	30.08	58	57	SSW	6	6
Aberdeen	29.77	63	60	S	4	c	Dungeness	30.23	62	59	WSW	5	3
Shields	29.90	66	61	SSW	4	c	London	30.17	69	60	SSW	4	*
Ardrossan	29.79	58	58	SSW	4	o	Yarmouth	30.12	66	62	SSE	5	4
Malin Head	29.74	59	56	W	6	c	Jersey	30.17	61	59	ESE	1	1
Mullaghmore	29.79	58	54	WNW	5	cg	Rocheport	30.32	71	65	NNW	3	1
Belmullet	29.77	56	53	WSW	3	c							

## REMARKS.

The barometer is unsteady in the west, and the cyclonic system in the northwest appears to be spreading more over us. The sky now wears an unsettled appearance in London and showery weather seems likely to prevail in most places. The sea is rough at Holyhead and Scilly, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.

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Mali  
+Mull  
+Belm  
Don  
Barr  
Liver  
+Holy  
Pars  
+Vale  
Roch  
Pemb  
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# DAILY WEATHER REPORT

for Thursday 9<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, R. H. SCOTT, Secretary.																		
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	29.93	57	SW	2	0	29.82	-16	63	58	+5	2	0	0	*	?	46	0.20	
Hernösand	29.87	62	SSW	2	0	29.89	-08	68	59	+9	SW	2	0	*	70	48	-	
Stockholm	30.02	68	WSW	2	0	30.05	+02	69	60	-2	WSW	2	0	*	62	57	-	
Wisby	29.99	65	S	4	0	30.02	+03	67	63	+3	N	4	0	*	74	55	-	
Bodo	29.93	67	SSW	2	0	29.88	-01	50	49	-5	WSW	6	0	3	66	48	0.35	
Christiansund	29.82	57	S	6	1	29.98	+18	59	52	-1	SSW	2	0	3	61	52	0.16	
† Skudesnes	29.98	55	SW	2	0	30.10	+23	56	54	-2	S	4	0	4	?	55	-	
Oxø (Christiansund)	30.03	57	SW	4	0	30.13	+12	55	53	-4	SW	2	0	3	61	54	-	
Skagen (The Skaw)	30.05	60	W	2	0	30.11	+06	61	54	+2	WNW	3	0	2	70	58	-	
Faro	30.10	60	WNW	2	0	30.14	+06	62	59	-6	SE	1	0	*	72	57	-	
Cuxhaven	30.15	65	E	1	0	30.14	-02	66	65	-5	SW	1	0	*	73	64	-	
† Sumburgh Head	29.80	53	WSW	4	0	29.93	+13	53	50	0	SSW	4	0	4	57	46	0.02	
† Stornoway	29.80	54	SW	4	0	29.80	+00	52	52	-2	S	7	0	6	54	48	0.12	
Wick	29.86	58	W	3	0	29.94	+08	56	51	-2	SW	4	0	2	64	46	0.02	
Nairn	29.89	56	W	2	0	29.94	+05	53	50	-4	WNW	1	0	1	63	45	-	
† Aberdeen	29.91	63	WSW	2	0	30.02	+11	55	51	-6	S	4	0	2	66	45	-	
Leith	29.96	60	W	3	0	30.05	+09	58	50	0	W	1	0	*	66	44	-	
† Shields	30.01	62	WSW	3	0	30.12	+11	60	54	-2	WSW	2	0	1	64	51	-	
Spurn Head	30.03	63	WNW	3	0	30.14	+11	58	55	-1	WNW	1	0	2	70	55	0.01	
York	30.05	63	W	2	0	30.17	+12	57	53	-4	S	1	0	*	68	46	-	
Loughborough	30.05	64	W	3	0	30.20	+15	59	54	-1	W	2	0	*	71	46	-	
† Ardrossan	29.98	56	SW	2	0	30.05	+07	55	54	0	S	3	0	3	58	49	0.03	
Malin Head	29.88	57	W	5	0	29.93	+05	53	52	-2	SW	6	0	6	60	49	-	
Mullaghmore	29.99	57	WSW	5	0	29.97	-02	55	52	0	S	6	0	5	61	51	0.01	
Belmullet	30.01	55	WSW	5	0	29.92	-09	56	54	+2	SW	5	0	0	57	52	0.02	
Donaghadee	30.01	62	W	2	0	30.08	+07	55	52	-1	WSW	4	0	2	66	44	-	
Barrow-in-Furness	30.06	58	SW	4	0	30.13	+07	56	53	0	SW	3	0	*	60	55	-	
Liverpool (Bidston)	30.04	62	WNW	3	0	30.17	+13	60	53	+1	SW	2	0	2	63	49	-	
† Holyhead	30.08	56	SSW	3	0	30.16	+08	57	55	0	SSW	3	0	2	61	51	-	
Parsonstown	30.04	59	W	1	0	30.08	+04	58	54	+2	SW	2	0	*	61	46	-	
† Valencia	30.10	59	SW	4	0	30.10	+00	58	55	+1	S	6	0	6	61	54	-	
Roche's Point	30.12	61	WSW	5	0	30.14	+02	59	55	+2	SW	4	0	4	62	50	-	
Pembroke	30.12	57	WSW	3	0	30.19	+07	57	54	+2	WSW	2	0	3	58	53	-	
† Scilly	30.17	60	WSW	3	0	30.22	+05	60	52	+2	SSW	2	0	4	62	52	-	
Prawle Point	30.14	59	W	3	0	30.26	+12	61	57	+4	WNW	1	0	1	63	49	-	
Hurst Castle	30.11	64	SW	5	0	30.24	+13	60	55	+1	WNW	1	0	2	65	45	0.04	
† Dungeness	30.12	62	WSW	3	0	30.20	+08	60	54	-2	WNW	3	0	2	64	52	0.01	
† London	30.10	65	SSW	3	0	30.21	+11	58	53	-2	WSW	2	0	*	68	44	-	
Oxford	30.13	59	SW	3	0	30.23	+10	57	52	-3	W	1	0	*	68	45	-	
Cambridge	30.09	65	SW	1	0	30.20	+11	61	56	0	N	1	0	*	70	47	-	
† Yarmouth	30.08	66	SW	3	0	30.17	+09	61	57	-3	WNW	3	0	2	69	54	-	
The Helder	30.11	64	WSW	1	0	30.15	+04	63	62	-1	SW	1	0	1	70	61	-	
Cape Gris Nez	30.14	60	WNW	3	0	30.24	+10	61	55	+2	ENE	2	0	2	62	51	0.05	
† Jersey	30.20	60	N	3	0	30.25	+05	56	55	-2	Z	0	0	4	63	52	-	
Brest	30.20	60	N	3	0	30.25	+05	56	55	-2	Z	0	0	4	63	52	-	
Lorient	30.20	63	WSW	3	0	30.25	+08	58	54	-3	NE	4	0	2	66	52	-	
† Rochefort	30.23	69	WNW	5	0	30.25	+02	61	59	-3	N	4	0	2	?	57	-	
Biarritz	30.19	71	WNW	4	0	30.21	+02	66	64	+3	E	1	0	1	72	?	-	
Coronna	*	*	*	*	*	30.26	+03	67	64	+2	NE	3	0	1	72	50	-	
Brussels	*	*	*	*	*	30.19	+05	60	58	-9	WNW	3	0	*	82	57	-	
Charleville	30.25	78	W	4	0	30.15	-09	66	61	+5	W	3	0	*	83	56	-	
Paris	30.13	77	S	4	0	30.25	+06	65	61	-6	S	4	0	*	83	51	-	
Lyons	30.10	80	N	1	0	30.14	-06	71	60	+5	N	3	0	*	83	51	-	
Toulon	30.06	75	WSW	3	0	30.08	-04	68	63	+1	E	3	0	2	82	64	-	

## 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.

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

Printed by the Meteorological Office, London.



# WEATHER CHARTS

for 8 a.m. on

Thursday, 9<sup>th</sup> JULY

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

→ = forces above 10; → = forces 8 to 10;

→ = forces 5 to 7; → = forces 1 to 4;

○ = dead calm.

**Sea Disturbance** — where considerable is shown thus

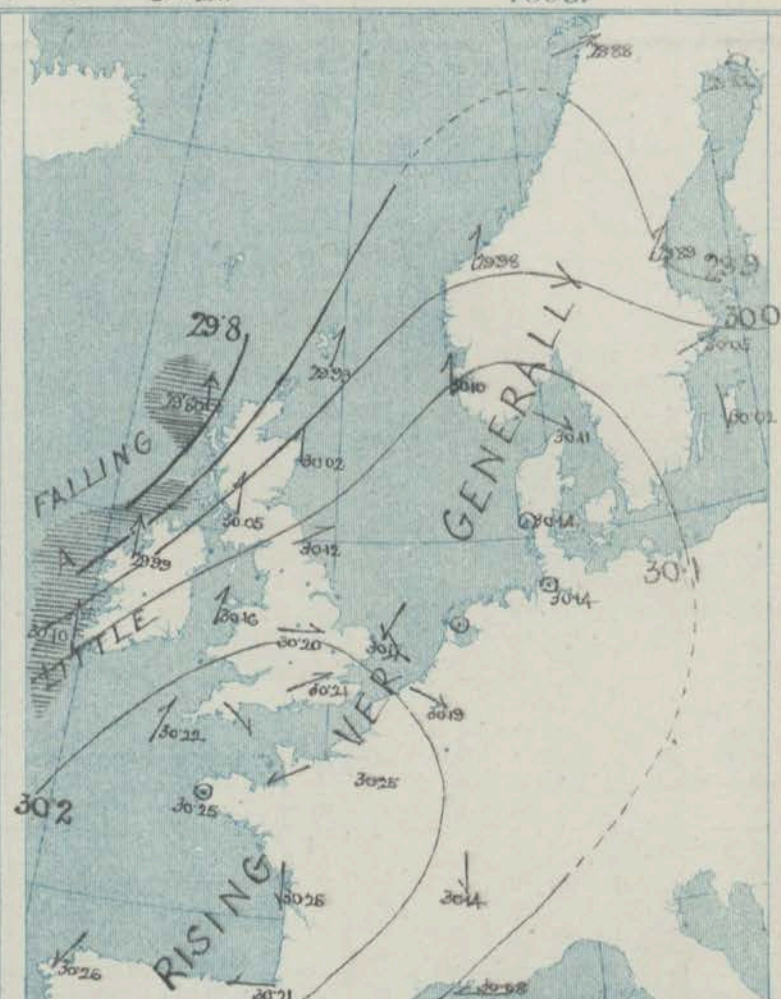
▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** is shown by letters of the Beaufort Scale.

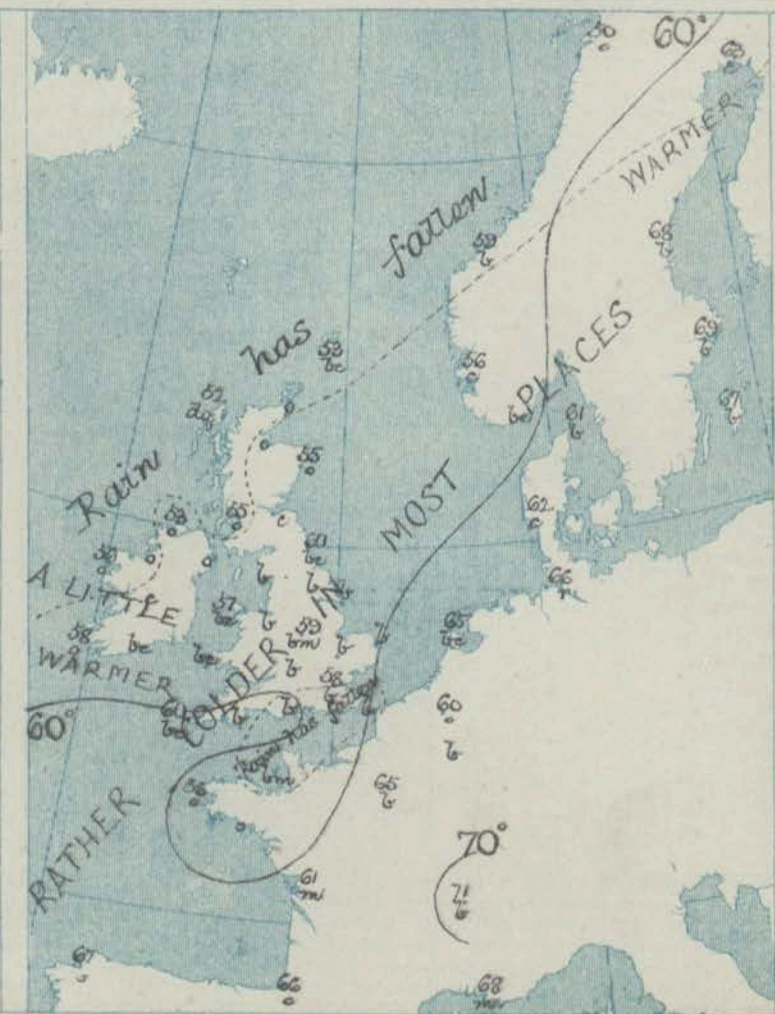
**Rainfall** A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for

Thursday 9<sup>th</sup> July 1885, at 8 a.m.

The depression noticed in the northwest on Tuesday, and the subsidiary disturbances reported over England yesterday have passed off, and the barometer has risen in all places. During the past night, however, a fresh fall has commenced on our extreme northwestern coast, and moderate gradients for SW<sup>ly</sup> and S<sup>ly</sup> winds have again been established over Ireland and Scotland. Temperature has fallen over England so that the maxima recorded during the night were as low as 45° or 46° at our inland stations, while in the south of London the thermometer fully exposed on grass fell to 37°. Temperature is now rising quickly. W<sup>ly</sup> to NW<sup>ly</sup> airs prevail at the English stations this morning and SW<sup>ly</sup> to S<sup>ly</sup> breezes over Ireland and Scotland, and blow strongly in the extreme west and northwest. A little rain has fallen both at the extreme northwestern and southeastern stations. The sky is now overcast in the north and extreme west, and slight rain is falling at Hornsey. Over England the weather is fine and bright. The sea is rough at all our extreme western stations, smooth at Holyhead and in the Straits of Dover.

There is evidently a new depression to the northward of our Islands moving in a northeasterly direction, but it is at too great a distance for its unsettled weather to reach our eastern, central and southern stations.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that on the 4<sup>th</sup> inst. icebergs were passed in Long 50° W.

## FORECASTS

for the 24 hours ending at NOON on 10<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	S <sup>ly</sup> and SW <sup>ly</sup> winds, strong; rain at times.	6 { SCOTLAND WEST	Same as N <sup>o</sup> 0.
2 { SCOTLAND EAST	S <sup>ly</sup> and SW <sup>ly</sup> winds, moderate; some local showers.	7 { ENGLAND N.W.	Same as N <sup>o</sup> 0.
3 { ENGLAND N.E.	----- D <sup>o</sup> ----- D <sup>o</sup> -----	8 { ENGLAND S.W.	SW <sup>ly</sup> winds, fresh; some showers with bright intervals.
4 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	S <sup>ly</sup> and SW <sup>ly</sup> winds, strong to moderate, showery.
5 { MIDLAND COUNTIES	Same as N <sup>os</sup> 1 and 2.	10 { IRELAND SOUTH	----- D <sup>o</sup> ----- D <sup>o</sup> -----
6 { ENGLAND SOUTH	SW <sup>ly</sup> breezes, light to moderate; fine.	WARNINGS	None issued.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.97	57	55	SSW	6	A f	5	Holyhead	30.07	59	54	SSW	4	b	3
Sumburgh Head	29.71	56	52	WSW	4	b c	4	Valencia	30.10	59	55	W	4	cm	4
Stornoway	29.72	56	50	WSW	6	c n g	5	Scilly	30.16	61	56	W	3	b c	5
Aberdeen	29.85	65	55	SW	4	b c	2	Dungeness	30.12	62	60	WSW	3	cp	2
Shields	29.96	63	55	WSW	5	b	1	London	30.11	63	60	SSW	3	od	*
Ardrossan	29.94	57	56	SW	3	b	3	Yarmouth	30.07	68	63	W	3	c	3
Malin Head	29.90	59	55	W	6	b	5	Jersey	30.15	60	60	W	2	f	2
Mullaghmore	29.96	60	50	WSW	6	b c	5	Rochefort	30.25	72	65	WNW	5	b	2
Belmullet	29.96	56	51	WSW	3	b	*								

## REMARKS.

The depression in the north appears to be passing away and the barometer is now rising in all parts of our Islands. Moderate or fresh N or S.W. breezes prevail generally, with fine weather in most places, but rain at Stornoway, and in London. The sea is rather rough in the north west and at Scilly, moderate to smooth elsewhere.

The Subscription for these Reports, forwarded by book post is £1-per annum, payable in advance.

Hapa
Hern
Stock
Wish
Bodo
Chris
Skad
Oxg
Skage
Fau
Cxh
Sumb
Storn
Wick
Nairn
Aberd
Leith
Shield
Spurn
York
Lough
Ardro
Malin
Mullag
Belmu
Donag
Barrov
Liverp
Holyh
Parson
Valenc
Roche
Pembr
Scilly
Prawle
Hurst
Dunge
London
Oxford
Cambr
Yarm
The H
Cape G
Jersey
Brest
Lorient
Roche
Biarriz
Cornu
Brussel
Charle
Paris
Lyons
Toulon
WE
o. over
Norway



# DAILY WEATHER REPORT

for Friday — 10<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.																			
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.			
			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	29.97	60	NW	4	e	30.15	+ .33	60	50	- 3	NW	4	b	*	66	53	-		
Hernösand	30.19	63	N	0	b	30.24	+ .35	61	53	- 7	NW	1	b	*	77	54	-		
Stockholm	30.11	61	N	0	b	30.19	+ .14	65	58	- 4	N	0	b	*	77	63	-		
Wibsy	30.15	68	NSW	4	b	30.15	+ .13	64	58	- 3	N	4	e	*	77	61	-		
Bodo	30.03	61	NSW	5	b	30.05	+ .17	55	52	+ 5	SE	2	o	*	55	45	0.04		
Christiansund	30.06	57	N	0	b	30.04	+ .06	62	55	+ 3	ESE	1	b	1	63	48	-		
Skudesnes	30.16	58	S	4	bc	30.20	+ .10	58	55	+ 2	SSE	6	bc	3	63	?	-		
Oxö (Stionsund)	30.18	58	SW	4	b	30.24	+ .11	56	52	+ 1	SW	2	b	1	61	52	-		
Skagen (The Skaw)	30.21	59	NSW	2	b	30.21	+ .10	62	58	+ 1	N	0	b	0	68	52	-		
Faßö	30.21	57	NW	1	b	30.23	+ .09	65	57	+ 3	NW	4	b	*	70	52	-		
Cuxhaven	30.18	60	N	1	b	30.22	+ .09	67	64	+ 1	NNE	2	e	*	68	59	-		
Sumburgh Head	29.89	54	S	4	e	29.89	- .04	53	52	0	S	4	o	4	58	50	0.01		
Stornoway	29.78	55	SSW	7	dg	29.85	- .05	52	51	0	N	4	o	4	55	49	0.48		
Wick	29.91	58	SW	4	o	29.91	- .03	58	55	+ 2	S	4	o	2	61	53	-		
Nairn	29.92	63	NSW	1	bc	29.94	- .00	60	57	+ 7	NSW	1	e	0	66	52	-		
Aberdeen...	30.02	63	S	1	bc	30.03	+ .01	56	53	+ 1	S	5	e	3	66	52	-		
Leith	30.06	59	SW	4	e	30.06	+ .01	60	54	+ 2	SW	3	e	*	67	54	-		
Shields	30.12	65	SW	5	bc	30.12	.00	59	56	- 1	SW	2	bc	1	67	52	-		
Spurn Head	30.17	59	SE	4	bc	30.17	.00	62	60	+ 4	SSE	1	b	2	64	55	-		
York	30.16	66	N	3	b	30.17	.00	59	56	+ 2	SEW	1	b	*	70	49	-		
Loughborough	30.18	69	N	2	bc	30.18	- .02	61	57	+ 2	SE	1	bm	*	71	45	-		
Ardsrossan	30.08	57	S	4	o	30.04	- .01	56	56	+ 1	S	4	o	3	57	53	-		
Malin Head	29.96	60	S	6	bc	29.98	+ .05	55	55	+ 2	S	6	o	5	60	58	0.01		
Mullaghmore	29.98	61	SEW	6	e	29.96	- .01	58	55	+ 3	SEW	5	o	4	62	54	0.01		
Belmullet	29.93	57	SEW	6	o	29.97	+ .05	58	55	- 1	S	3	o	*	58	53	0.06		
Donaghadee	30.08	59	NSW	4	e	30.07	- .01	58	55	+ 3	N	3	e	1	64	53	-		
Barrow-in-Furness	30.16	60	SW	3	b	30.14	+ .01	57	54	+ 1	S	4	bc	*	62	54	-		
Liverpool (Bidston)	30.17	64	NSW	3	b	30.17	.00	60	53	0	SEW	1	b	2	68	50	-		
Holyhead	30.16	58	SSW	3	b	30.15	- .01	58	56	+ 1	SEW	4	e	3	61	53	-		
Parsonstown	30.08	63	SSW	1	o	30.07	- .01	61	56	+ 3	SSW	1	bc	*	65	54	-		
Valencia	30.10	68	S	6	o	30.06	- .04	59	58	+ 1	NSW	5	o	4	62	56	-		
Roche's Point	30.13	62	SW	4	b	30.09	- .05	58	56	- 1	SW	3	e	3	63	52	-		
Pembroke	30.16	57	SSW	3	b	30.16	- .03	57	55	0	SSE	3	bc	3	59	53	-		
Sailly	30.21	62	S	2	e	30.17	- .05	61	57	+ 1	SSE	2	o	4	64	53	-		
Prawle Point	30.24	58	NSW	1	b	30.26	- .06	59	55	- 2	N	0	b	0	62	48	-		
Hurst Castle	30.23	64	NSW	4	b	30.19	- .05	60	57	0	N	0	bm	1	?	45	-		
Dungeness	30.20	62	N	3	b	30.19	- .01	64	61	+ 4	SE	1	b	1	67	54	-		
London	30.19	72	NW	1	b	30.19	- .02	65	59	+ 7	SW	2	b	*	74	51	-		
Oxford	30.19	64	NSW	1	b	30.18	- .05	61	57	+ 4	N	0	bm	*	71	49	-		
Cambridge	30.19	68	N	1	b	30.18	- .02	67	60	+ 6	SE	1	b	*	75	51	-		
Yarmouth	30.21	64	ESE	2	b	30.21	+ .04	57	55	- 4	ESE	2	b	2	65	55	-		
The Helder	30.20	61	N	1	e	30.19	+ .04	66	62	+ 1	NNE	1	e	1	68	61	-		
Cape Gris Nez	30.22	61	NNE	1	bm	30.17	- .07	60	57	- 1	ESE	2	cm	2	66	52	-		
Jersey	30.23	61	NW	3	b	30.17	- .08	58	55	+ 2	NNE	3	b	2	64	52	-		
Lorient	30.20	68	NW	5	b	30.15	- .10	60	53	+ 2	E	4	o	2	72	52	-		
Rochefort	30.18	72	NW	4	bc	30.13	- .12	67	64	+ 6	ESE	4	b	2	72	57	-		
Biarritz	30.13	68	NE	4	b	30.10	- .11	67	64	+ 1	N	3	o	1	72	64	-		
Coranna	*	*	*	*	*	30.17	- .02	61	60	+ 1	NNE	1	f	*	75	56	-		
Brussels	*	*	*	*	*	30.17	- .02	61	60	+ 1	NNE	1	f	*	75	56	-		
Charleville	30.17	73	NW	4	b	30.15	- .00	67	63	+ 1	E	4	b	*	81	59	-		
Paris	30.18	72	N	4	bc	30.19	- .06	65	61	0	NW	4	b	*	81	59	-		
Lyons	30.06	81	N	4	b	30.07	- .07	69	63	- 2	N	3	m	*	85	65	-		
Toulon	30.02	91	NW	4	m	30.04	- .04	68	64	0	E	3	m	2	?	63	-		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER

# CHARTS

for 8 a.m. on Friday 10<sup>th</sup> July 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

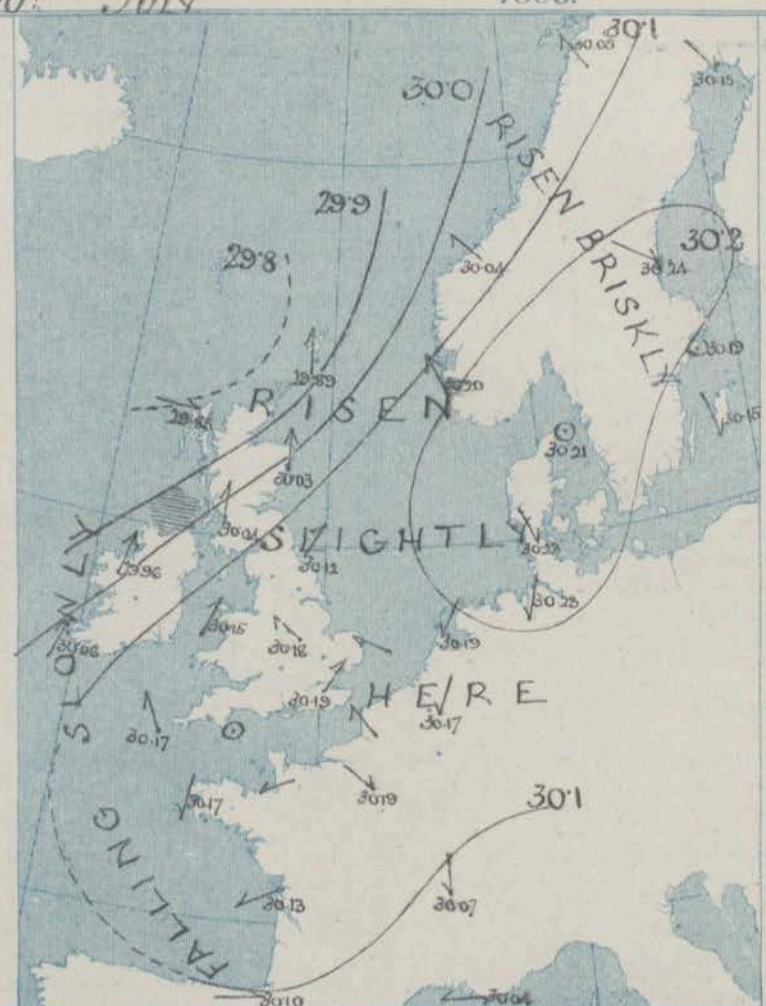
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — = forces above 10; \* — = forces 8 to 10;  
 — = forces 5 to 7; — = forces 1 to 4;  
 ○ = dead calm.

**Sea Disturbance** — where considerable is shown thus  
 ■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

for

Friday 10<sup>th</sup> July 1885, at 8 a.m.

In the course of the past twentyfour hours the barometer has risen at the northern and eastern stations while it has fallen a little in the west and south-west. A large anticyclone now lies over France, England, the North Sea and the greater part of Scandinavia, and while the gradients in those regions are very slight, those at our western and northwestern stations are moderate, and favourable for SWly to S<sup>ly</sup> winds. Temperature has risen in most places - especially over England - and now varies from 67° at Cambridge to 52° at Hornoway. The wind is N<sup>ly</sup> to E<sup>ly</sup> over France, chief, SE<sup>ly</sup> over England, SW<sup>ly</sup> in Ireland and S<sup>ly</sup> in Scotland. On our western and northern coasts it is moderate to fresh in force, but over England it is light generally. The sky is now clear over France, the North Sea and England, dull in the extreme west and northwest of our Islands, with fog at Malin Head, and rain at Malin Head and Hornoway. The sea is moderate in the far west, smooth elsewhere.

Fine and very warm weather is likely to continue over England, with less fair weather in Ireland and the west of Scotland.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were passed on the 4<sup>th</sup> inst. in Long: 44° to 46° W., and on the 5<sup>th</sup> inst. in Long: 50. W.

## FORECASTS

for the 24 hours ending at NOON on 11<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S <sup>ly</sup> and SW <sup>ly</sup> winds, fresh or strong; some rain.	6 { SCOTLAND WEST	S <sup>ly</sup> breezes, fresh; fair generally.
1 { SCOTLAND EAST	----- D° ----- D° -----	7 { ENGLAND N. W.	----- D° ----- D° -----
2 { ENGLAND N. E.	Same as N° 5.	8 { ENGLAND S. W.	SE <sup>ly</sup> breezes, fresh; fair generally.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	S <sup>ly</sup> winds, fresh; some rain at times.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	----- D° ----- D° -----
5 { ENGLAND SOUTH	SE <sup>ly</sup> or S <sup>ly</sup> winds, light to moderate; fine, very warm.	WARNINGS	
		None issued.	



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.15	62	54	SSW	2	e	4	Holyhead	30.18	60	57	SEW	4	b e	3
Sumburgh Head	29.91	57	53	SSW	4	bc	4	Valencia	30.13	61	58	SSW	6	bcm	6
Stornoway	29.79	54	53	S	8	n q	4	Seilly	30.23	64	58	S	2	bc	6
Aberdeen	30.02	60	55	S	4	a	3	Dungeness	30.21	66	62	W	3	b	2
Shields	30.12	66	58	SW	5	e	1	London	30.20	69	57	W	3	b	*
Ardrossan	30.07	56	55	SEW	4	o	3	Yarmouth	30.21	64	58	NE	3	b	2
Malin Head	29.94	57	56	SW	6	o	7	Jersey	30.24	65	56	N	1	b	1
Mullaghmore	29.99	60	55	SSW	6	o	5	Rocheport	30.23	71	67	WNW	5	e	2
Belmullet	29.95	57	56	SEW	6	o	*								

## REMARKS.

The new depression noticed off our north west coasts this morning is passing away to the northward, and at present there is no indication of the advance of any new system. The weather remains very fine over England and has cleared up in the south of Ireland. The sea is still rough in the extreme west and north west moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Saturday 11<sup>th</sup> July 1885.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

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	30.18	56	Z	0	bc	30.11	-.04	60	60	0	W	4	b	*	66	46	-		
Hernösand	30.22	59	Z	0	b	30.14	-.10	62	58	+1	SEW	2	b	*	72	48	-		
Stockholm	30.17	63	Z	0	b	30.24	+.05	71	61	+6	W	2	b	*	81	59	-		
Wisby	30.14	62	W	2	b	30.17	+.02	65	60	+1	NE	4	b	*	77	63	-		
Bodo	30.04	58	ESE	2	0	30.02	-.03	52	51	-3	WSW	4	h	2	77	50	0.04		
Christiansund	30.08	59	WNW	1	b	30.06	+.02	58	54	-4	EHE	2	m	2	66	52	-		
*Skudesnaes	30.20	59	SEW	2	bc	30.14	-.06	57	54	-1	SSE	6	c	4	61	?	-		
Oxö (Åthausund)	30.21	60	WSW	2	m	30.19	-.05	56	53	0	SSE	1	m	1	63	52	-		
Skagen (The Skaw)	30.21	65	Z	0	b	30.19	-.02	64	61	+2	SW	2	b	1	79	61	-		
Faro	30.20	62	W	2	b	30.13	-.10	72	65	+7	SE	4	b	*	73	63	-		
Cuxhaven	30.20	68	E	1	b	30.18	-.05	73	69	+6	ESE	2	m	*	75	65	-		
*Sumburgh Head	29.98	54	WSW	2	0	29.94	+.05	51	50	-2	NE	3	h	3	56	48	0.20		
*Stornoway	29.97	56	WSW	2	b	29.84	-.01	51	50	-1	EHE	4	h	3	60	49	0.02		
Wick	30.00	56	S	2	0	29.89	-.02	55	55	-3	SE	1	h	0	63	50	0.05		
Nairn	29.99	62	WSW	1	0	29.88	-.06	55	54	-5	Z	0	h	1	66	54	0.09		
*Aberdeen	30.04	64	SW	2	b	29.91	-.12	56	54	0	S	1	0	2	68	52	-		
Leith	30.06	64	SSW	4	bc	29.91	-.15	58	54	-2	SW	1	0	*	71	50	-		
*Shields	30.08	69	SE	4	b	29.95	-.17	60	58	+1	WSW	1	m	1	70	56	-		
Spurn Head	30.11	59	SE	4	b	30.03	-.14	65	61	+3	SSE	1	bm	2	65	58	-		
York	30.09	72	W	1	b	30.01	-.16	61	57	+2	SSE	2	b	*	75	48	-		
Loughborough	30.09	78	S	1	bc	30.05	-.13	65	60	+4	SSW	3	0	*	81	49	-		
*Ardrossan	30.05	58	S	2	0	29.88	-.16	56	56	0	S	4	h	3	61	53	0.08		
Malin Head	30.01	55	WNW	2	m	29.70	-.28	54	53	-1	SE	5	h	4	55	54	0.49		
*Mullaghmore	30.01	57	NW	2	op	29.67	-.29	58	57	0	S	6	0A	5	61	55	0.79		
Belmullet	29.99	53	W	3	0	29.79	-.18	53	52	-2	NW	5	0	*	57	51	?		
Donaghadee	30.07	59	SW	3	e	29.86	-.21	56	55	-3	SEW	4	h	2	67	53	0.10		
Barrow-in-Furness	30.13	62	SW	2	b	29.99	-.15	57	55	0	SE	4	cm	*	64	56	-		
Liverpool (Bidston)	30.13	64	NW	1	b	29.99	-.18	61	55	+1	SSE	1	bc	2	68	53	-		
*Holyhead	30.12	59	SW	4	bc	29.95	-.20	59	56	+1	S	5	eq	4	62	54	-		
Parsonstown	30.12	59	Z	0	bc	29.80	-.27	59	58	-2	WSW	2	0Am	*	67	55	0.27		
*Valencia	30.05	59	SSE	4	0	29.96	-.10	55	54	-4	WNW	3	cm	3	62	53	0.76		
Roche's Point	30.11	59	SSW	3	m	29.90	-.19	56	53	-2	W	5	bc	5	64	54	0.20		
Pembroke	30.14	58	SSW	3	b	30.01	-.15	57	56	0	S	5	0	4	60	55	-		
*Scilly	30.16	62	SSW	2	e	30.05	-.12	62	59	+1	SW	4	0	4	66	56	-		
Prawle Point	30.16	60	WSW	1	b	30.10	-.10	59	56	0	W	1	b	0	65	53	-		
Hurst Castle	30.15	65	SW	4	b	30.10	-.09	65	61	+5	Z	0	e	2	69	51	-		
*Dungeness	30.18	61	Z	0	b	30.11	-.08	63	59	-1	Z	0	b	0	67	?	-		
London	30.11	76	S	2	b	30.08	-.11	69	62	+4	SW	1	b	*	80	55	-		
Oxford	30.11	69	W	1	b	30.08	-.10	63	58	+2	SSW	1	e	*	78	53	-		
Cambridge	30.11	70	SE	1	b	30.06	-.12	68	62	+1	S	1	b	*	71	48	-		
*Yarmouth	30.18	59	ESE	2	f	30.09	-.12	63	69	+6	SW	1	b	2	63	52	-		
The Helder	30.12	66	NE	1	b	30.08	-.11	68	66	+2	W	1	b	0	72	64	-		
Cape Gris Nez																			
*Jersey	30.13	68	NE	2	bc	30.10	-.04	62	60	+2	SW	2	bcm	2	74	59	-		
Brest	30.14	64	NE	4	b	30.13	-.04	58	56	0	WNW	1	b	3	68	52	-		
Lorient	30.13	72	WNW	1	b	30.09	-.06	59	56	-1	NW	1	b	1	79	54	-		
*Rochefort	30.12	73	NW	5	b	30.15	+.02	71	67	+4	NE	3	b	1	?	64	-		
Biarritz	30.10	70	NW	5	b	30.15	+.05	67	63	0	W	4	0	2	72	64	-		
Corunna																			
Brussels						30.08	-.09	65	63	+4	WNW	3	5	*	82	61	-		
Charleville	30.10	74	E	4	b	30.12	-.03	64	63	-3	E	3	b	*	80	59	-		
Paris	30.12	78	WNW	3	b	30.15	-.04	70	62	+5	NW	4	b	*	*	*	-		
Lyons	30.02	82	N	4	bc	30.08	+.01	74	64	+5	SSW	1	b	*	87	65	-		
Toulon	30.08	72	ESE	3	e	30.06	+.02	77	66	+9	Z	0	m	1	79	66	-		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

*Printed by the Meteorological Office, 116, Victoria Street, London.*



# WEATHER

for 8 a.m. on Saturday

# CHARTS

11<sup>TH</sup> JULY

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

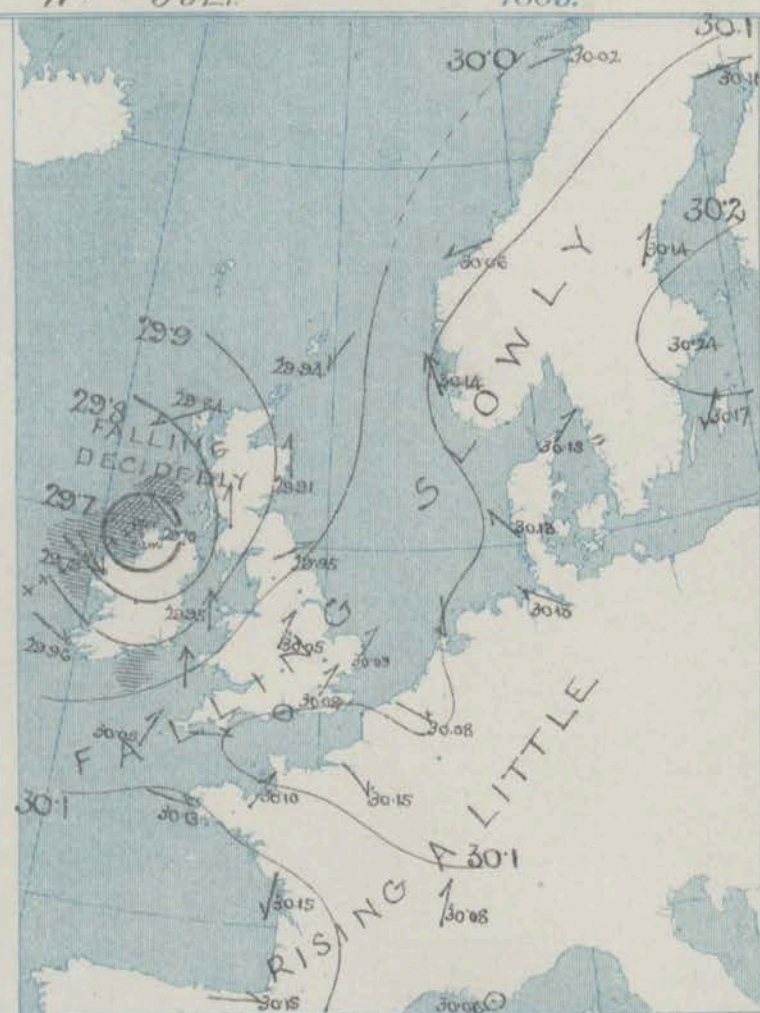
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 1 to 4;  
 ⊙ — dead calm.

**Sea Disturbance** — where considerable is shown thus  
 — Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

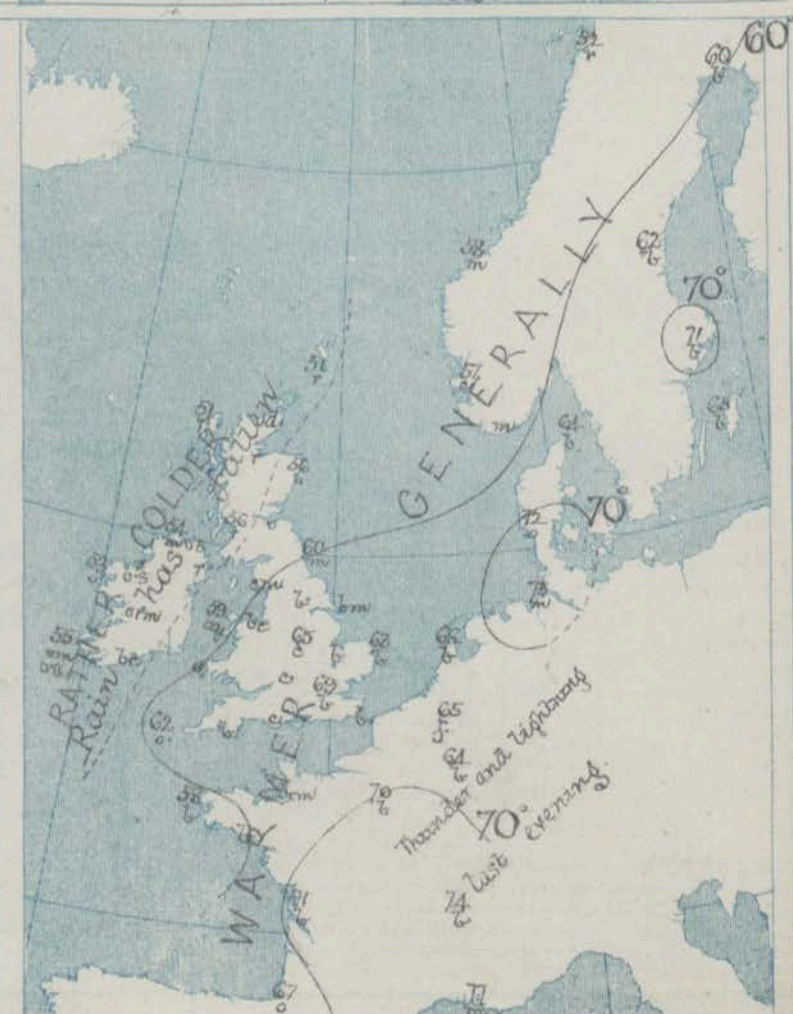
**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Fhields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.6	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for

Saturday 11<sup>th</sup> July 1885. at 8 a.m.

In the course of the past night a small, but well-marked depression has advanced to the north-westward of Ireland from the southwestward so that while gradients for SE<sup>ly</sup> winds prevail over Scotland, those over England and the northwest of Ireland are favourable for SW winds, and those in the south and west of Ireland for W<sup>ly</sup> and NW<sup>ly</sup> winds. As, however, the disturbance is not deep the winds are, as a rule, of moderate strength, even in the west, and are light over England. Temperature has decreased a little at the Irish stations, but increased over England, and readings now vary from 69° in London to 50° at Belmullet, and to 51° in the Hebrides & Shetlands. The highest readings recorded during yesterday were 81° at Cambridge and Loughboro, 80° in London and 75° at York. Rain has set in at nearly all our northern and northwestern stations. At Malinbeg and Mullaghmore the fall during the night has exceeded three quarters of an inch, and at Malin Head it is already nearly half an inch, though the centre of the depression has not yet reached that station. Over England the weather remains fine and warm. The sea runs high at Malin Head and is rather rough on the northwestern coast of Ireland generally. At Holyhead it is moderate and at Dover calm.

The disturbances referred to above will probably pass away to the northward without materially affecting the weather over England.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that on the 7<sup>th</sup> inst icebergs were passed in Long 52° W.

## FORECASTS

for the 24 hours ending at NOON on 12<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	E <sup>ly</sup> to S <sup>ly</sup> winds, freshening; rainy to fair.	6 { SCOTLAND WEST	S <sup>ly</sup> and SW <sup>ly</sup> winds, strong; rainy to fair.
1 { SCOTLAND EAST	----- D° ----- D° -----	7 { ENGLAND N. W.	----- D° ----- D° -----
2 { ENGLAND N. E.	Same as N° 4.	8 { ENGLAND S. W.	SW <sup>ly</sup> breezes, fresh to moderate; showery to fair.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	W <sup>ly</sup> breezes, backing to SW; showery to fair.
4 { MIDLAND COUNTIES	SW <sup>ly</sup> breezes, moderate; some rain in the northern parts of the district.	10 { IRELAND SOUTH	----- D° ----- D° -----
5 { ENGLAND SOUTH	SW <sup>ly</sup> and S <sup>ly</sup> breezes; fair generally.	WARNINGS	
		None issued.	



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

RESIDENTIALS 2 P.M. REPORTS AND REMARKS.														
	Bar.	Dry.	Wes.	Wind.	Wes.	Sea.		Bar.	Dry.	Wes.	Wind.	Wes.	Sea.	
Skudesnaes	30.23	61	56	SSE	6	m	Holyhead	30.15	60	58	SSW	4	bc	3
Sumburgh Head	29.95	58	52	SSW	3	n	Valencia	30.09	60	59	SSW	4	om	4
Stornoway	29.92	59	51	NEN	5	b	Scilly	30.18	66	60	SSW	3	bc	4
Aberdeen	30.03	68	57	S	4	b	Dungeness	30.18	64	61	SSE	1	b	1
Shields	30.10	70	61	SW	3	e	London	30.14	78	60	SE	2	b	*
Ardrossan	30.06	60	58	E	4	bc	Yarmouth	30.20	61	58	SE	3	b	2
Malin Head	30.02	55	55	N	3	o	Jersey	30.16	73	62	NW	2	b	2
Mullaghmore	30.02	59	58	NW	2	om	Rochefort	30.13	76	73	NW	4	b	2
Belmullet	30.01	52	53	NW	3	m								

## REMARKS.

Pressure has increased a little in the north-west since the morning, but changed very little and irregularly elsewhere. Temperature has risen rapidly over England and is now as high as 78° in London; beyond this very little change has occurred. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for Sunday 12<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.	Force. (0 to 12).	Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.					Max.	Min.	
Haparanda	30.08	60	SW	2	b	30.08	-.03	60	56	0	SW	4	b	*	68	42	—
Hernösand	30.06	64	WSW	2	b	30.04	-.10	67	61	+ 5	SSW	2	b	*	75	—	—
Stockholm	30.14	67	Z	0	b	30.10	-.14	76	63	+ 5	Z	0	b	*	82	59	—
Wisby	30.19	67	E	4	b	30.06	-.11	66	63	+ 1	ESE	4	b	*	77	53	—
Bodo	30.04	53	WSW	2	o	29.92	-.10	55	53	+ 3	NW	2	b	*	—	48	0.04
Christiansund	29.94	59	NNE	1	b	29.82	-.24	63	58	+ 5	Z	0	o	0	66	55	—
Skudesnaes	29.95	62	SSE	8	o	29.97	-.17	57	54	0	S	4	a	4	—	57	—
(Xö Xtiansund)	30.06	65	ENE	4	o	30.00	-.19	63	62	+ 7	Z	0	o	1	66	63	0.12
Skagen (The Skaw)	30.09	66	S	2	c	30.03	-.16	68	64	+ 4	SSE	3	c	2	77	63	—
Faro	30.04	67	SE	4	b	29.93	-.15	71	68	- 1	SSE	4	b	*	82	64	0.08
Cuxhaven	30.11	68	ESE	1	t	30.04	-.14	69	66	- 4	SSW	1	b	*	80	67	0.10
Sumburgh Head	29.69	53	SE	4	m	29.74	-.20	49	48	- 2	WSW	4	e	4	54	47	1.18
Stornoway	29.58	54	SSE	3	o	29.86	+ .02	51	49	0	WSW	4	cp	3	56	45	0.80
Wick	29.62	55	S	3	b	29.88	-.01	54	50	- 1	W	4	c	2	58	46	0.11
Nairn	29.65	56	W	3	c	29.90	+ .02	55	51	0	W	3	b	2	61	47	0.14
Aberdeen	29.70	61	S	3	b	29.95	+ .04	59	52	+ 3	S	3	b	2	63	45	0.02
Leith	29.83	67	W	5	b	30.00	+ .09	55	50	- 3	NW	2	c	*	67	47	0.01
Shields	29.88	68	SW	5	c	30.02	+ .07	57	54	- 3	WSW	2	b	1	71	53	—
Spurn Head	29.93	71	SW	3	b	30.02	-.01	60	58	- 5	NW	3	c	2	75	58	—
York	29.94	69	WSW	3	o	30.06	+ .05	59	54	- 2	NNW	1	b	*	75	52	—
Loughborough	29.97	70	WSW	4	o	30.07	+ .02	57	54	- 8	NW	3	of	*	77	53	—
Ardrrossan	29.89	56	W	4	o	30.01	+ .14	55	53	- 1	SSW	1	c	2	58	49	0.13
Malin Head	29.89	51	WNW	5	c	30.03	+ .33	52	51	- 1	WSW	3	b	3	60	48	0.20
Mullaghmore	29.96	55	WNW	5	b	30.03	+ .36	55	51	- 3	WSW	5	c	4	59	52	0.04
Belmullet	29.96	55	NW	3	c	30.02	+ .23	53	50	0	W	3	c	0	56	49	0.07
Donaghadee	29.95	54	WSW	4	o	30.06	+ .20	55	52	0	WNW	2	b	0	65	42	0.11
Barrow-in-Furness	29.90	61	SE	3	b	30.06	+ .07	54	50	- 3	NW	2	b	*	64	52	—
Liverpool (Bidston)	29.97	61	W	3	o	30.08	+ .09	56	50	- 5	W	2	l	3	71	53	—
Holyhead	29.98	59	SW	3	c	30.11	+ .16	56	53	- 3	WNW	3	b	2	63	50	0.01
Parsonstown	30.02	59	W	2	c	30.12	+ .22	55	51	- 4	W	1	c	*	62	44	—
Valencia	30.09	58	WNW	3	c	30.16	+ .28	57	50	+ 2	W	3	p	5	61	49	0.08
Roche's Point	30.05	58	WNW	3	b	30.15	+ .15	55	50	- 1	WNW	3	b	3	63	47	—
Pembroke	30.02	57	WSW	4	b	30.13	+ .12	54	50	- 3	NW	1	b	2	59	51	—
Scilly	30.08	61	W	2	c	30.15	+ .10	58	52	- 4	NW	4	b	4	63	54	0.13
Prawle Point	30.07	58	WSW	3	f	30.13	+ .03	62	57	+ 3	NNW	1	b	1	64	50	—
Hurst Castle	30.07	65	WSW	5	m	30.09	-.01	61	61	- 4	WNW	3	cp	2	72	51	0.04
Dungeness	30.04	68	WSW	1	b	30.05	-.06	59	59	- 4	W	4	t	2	69	57	—
London	30.00	75	SSW	3	b	30.06	-.02	60	59	- 9	WSW	1	o	*	80	57	0.46
Oxford	30.01	67	W	3	c	30.06	-.02	60	55	- 3	NW	2	o	*	77	54	—
Cambridge	29.98	74	Z	0	b	30.03	-.03	62	61	- 6	Z	0	o	*	80	58	0.20
Yarmouth	30.00	69	S	4	b	30.03	-.06	58	57	- 5	NNE	3	N	*	71	57	0.03
The Helder	30.04	67	SW	1	b	29.99	-.09	68	63	0	S	1	b	1	72	57	—
Cape Gris Nez	30.02	68	W	1	b	30.02	—	61	59	—	W	5	r	4	81	56	—
Jersey	30.10	64	WNW	3	b	30.13	+ .03	56	55	- 6	NW	2	oym	2	66	55	0.01
Brest	30.13	62	SW	3	m	30.15	+ .02	58	55	0	N	3	o	1	68	52	—
Lorient	30.14	63	WNW	7	b	30.12	+ .03	61	60	+ 1	WSW	4	m	2	73	64	—
Rochefort	30.15	68	WNW	7	c	30.16	+ .01	64	62	- 7	WNW	5	c	2	73	59	—
Biarritz	30.15	68	WNW	4	o	30.15	-.00	65	64	- 2	Z	0	o	0	73	64	—
Corunna	*	*	*	*	*	30.15	-.02	66	63	+ 2	NNE	1	b	3	68	50	—
Brussels	*	*	*	*	*	30.01	- 4.07	70	62	+ 5	NW	1	c	*	83	63	—
Charleville	30.03	81	SSE	3	b	30.04	-.08	70	65	+ 6	S	1	b	*	89	60	—
Paris	30.07	82	N	4	b	30.12	-.03	66	63	- 4	W	4	b	*	88	66	0.04
Lyons	30.02	79	N	5	t	30.06	-.02	74	64	0	N	1	b	*	88	66	—
Toulon	30.02	74	NW	1	m	30.07	+ .01	70	67	- 7	E	3	m	*	86	61	0.39

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by the Meteorological Office, London.



# WEATHER CHARTS

for 8 a.m. on

Sunday

12<sup>th</sup> July

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

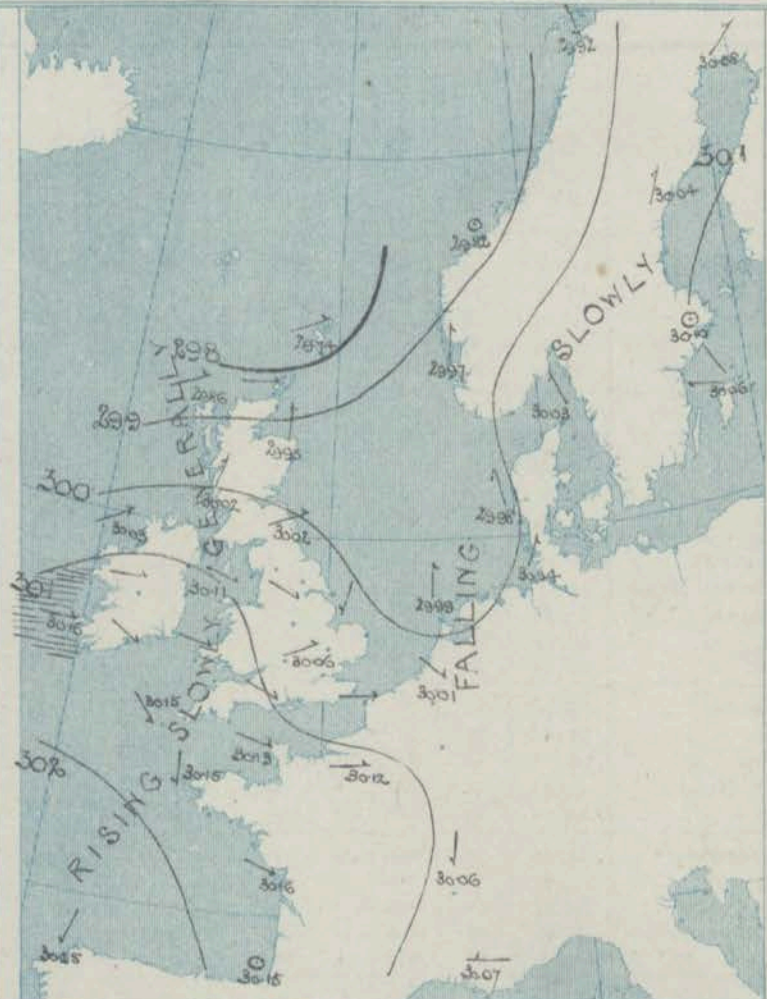
**Sea Disturbance**—where considerable is shown thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather**—is shown by Letters of the Beaufort Scale.

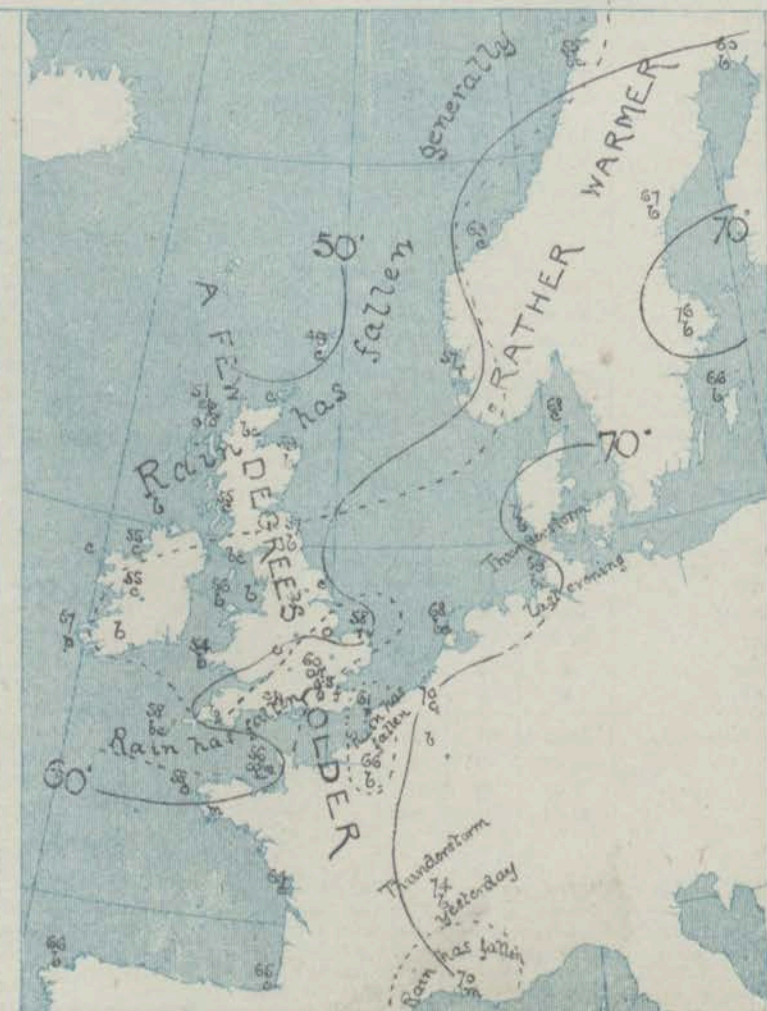
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	40.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Fhields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.6	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





Sunday 12<sup>th</sup> July 1885. at 8 a.m.

Sunday 12<sup>th</sup> July 1885. at 8 a.m.

The depression which lay over the northwest of Ireland yesterday has now passed away to the northward of Scotland but in the course of the night a small subsidiary depression has been formed over the southern part of the North Sea so that while the barometer is rising in most parts of our Islands and France it is falling in Scandinavia and Denmark. The wind is light from the S<sup>W</sup> on the eastern shores of the North Sea, but elsewhere it varies between W and NW. Rain is falling at some of our southeastern stations and showers at Hornsey but elsewhere the weather is generally fine. In the course of the past twentyfour hours rain has fallen in many parts of our Islands, the largest amounts being 0.8 in at Hornsey and 0.5 in in London. Temperature has fallen a little in most places and readings now range from 62° at Prawle Point and Cambridge to 49° in the Shetlands. The highest maxima registered yesterday were 80° in London and at Cambridge and 77° at Loughborough and Ilford. The sea is rather rough at Valencia, moderate to smooth elsewhere.

## FORECASTS

for the 24 hours ending at NOON on 13<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	None issued	6 { SCOTLAND WEST	None issued
1 { SCOTLAND EAST		7 { ENGLAND N.W.	
2 { ENGLAND N.E.		8 { ENGLAND S.W.	
3 { ENGLAND EAST		9 { IRELAND NORTH	
4 { MIDLAND COUNTIES		10 { IRELAND SOUTH	
5 { ENGLAND SOUTH		WARNINGS	None issued.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.01	67	59	SE	4	cm	4	Holyhead	29.95	61	58	SSW	6	bc	5
Sumburgh Head	29.98	53	53	E NE	3	h	3	Valencia	30.07	55	53	WNW	4	o	5
Stornoway	29.68	55	55	E	4	h	3	Scilly	30.07	61	60	W	2	of	4
Aberdeen	29.81	59	56	SSE	1	o	2	Dungeness	30.08	68	62	Z	0	h	0
Shields	29.85	71	65	SW	4	c	1	London	30.02	77	65	SSW	3	c	*
Ardrossan	29.83	58	57	WSW	5	c	4	Yarmouth	30.05	67	62	SSE	4	h	3
Malin Head	29.86	54	52	W	6	h	7	Jersey	30.12	66	59	W	3	bc	5
Mullaghmore	29.90	57	54	WNW	6	c	5	Rochefort	30.17	73	68	WNW	5	h	2
Belmullet	29.92	55	41	WSW	3	h	*								

## REMARKS.

The depression noticed in the northwest this morning is passing off in a northerly direction and the barometer is rising in its rear with improving weather. There is at present no indication of any new disturbance. The sea is rather rough in the west, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for... *Monday* — 13<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, No. 1, Victoria Road, S.W. 1, London, W.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).		Weather.	Max.		Min.	
Haparanda	29.99	61	2	0	b	30.02	+0.06	68	59	+8	2	0	b	*	70	52	-	
Hernösand	30.02	64	SSW	2	b	30.01	-0.03	64	62	-3	2	0	b	*	71	52	-	
Stockholm	30.04	69	2	0	b	29.99	-0.11	77	59	+1	ESE	2	b	*	84	61	-	
Wisby	30.02	68	2	2	b	29.93	-0.13	75	67	+9	8	4	b	*	81	59	-	
Bodo																		
Christiansund																		
Skudesnaes	30.02	54	WNW	2	o	29.98	+0.01	55	50	-2	WNW	6	bc	3	57	54	-	
Oxö (Ålön)	29.96	64	N	2	o	29.92	-0.08	60	58	-3	WSW	2	o	2	66	59	0.01+	
Skagen (The Skaw)	29.95	65	2	0	o	29.91	-0.12	61	60	-7	N	2	n	0	73	61	0.04+	
Fanö	29.96	62	NW	1	e	29.97	-0.01	59	55	-12	WNW	4	e	*	77	54	-	
Cuxhaven	29.99	64	SW	1	t	29.97	-0.07	68	67	-1	WNW	3	n	*	77	64	0.16	
Sumburgh Head	29.89	53	WSW	4	bc	29.98	+0.24	52	50	+3	WNW	1	e	2	55	44	-	
Stornoway	29.96	56	WNW	3	bc	30.00	+0.14	53	50	+2	WSW	1	e	0	58	44	0.06	
Wick	29.96	55	N	1	bc	30.00	+0.12	54	52	0	2	0	e	0	60	44	0.21	
Nairn	29.96	60	N	1	bc	30.01	+0.11	53	49	-2	2	0	e	0	62	45	0.06	
Aberdeen	29.97	59	WNW	3	b	30.02	+0.07	56	52	-3	WNW	1	bc	1	67	49	-	
Leith	29.99	57	WNW	2	bc	30.01	+0.01	56	52	+1	N	1	bc	*	67	50	-	
Shields	30.02	60	S	3	e	30.03	+0.01	55	53	-2	SW	2	bc	1	64	50	0.01	
Spurn Head	30.03	57	E	3	b	30.04	+0.02	56	53	-4	N	1	bc	2	63	53	-	
York	30.05	63	WNW	3	b	30.06	-0.00	55	51	-4	WNW	1	b	*	69	44	-	
Loughborough	30.04	66	WNW	2	e	30.06	-0.01	59	53	+2	WNW	1	bc	*	71	49	-	
Ardrossan	30.01	55	SSW	3	o	30.02	-0.00	57	54	+2	N	1	e	1	57	48	0.06	
Malin Head	30.00	54	NW	2	bc	30.04	+0.01	53	52	+1	NW	3	bc	2	58	48	0.14	
Mullaghmore	30.03	55	NW	4	cv	30.07	+0.04	53	50	-2	N	3	cp	2	58	52	-	
Belmullet	30.03	57	WNW	3	o	30.06	+0.04	52	48	-1	NW	2	o	*	49	49	0.07	
Donaghadee	30.04	54	SSW	2	e	30.06	-0.00	53	51	-2	N	1	bc	0	62	48	0.24	
Barrow-in-Furness	30.06	58	SW	2	b	30.04	-0.02	55	52	+1	SW	1	bc	*	59	53	-	
Liverpool (Bilston)	30.07	60	WNW	2	b	30.06	-0.02	54	51	-2	N	2	e	3	62	48	0.01	
Holyhead	30.12	56	SSW	3	bc	30.08	-0.03	54	53	-2	WNW	3	e	3	60	50	0.01	
Parsonstown	30.09	53	2	0	n	30.10	-0.02	53	50	-2	N	1	e	*	59	45	0.15	
Valencia	30.14	56	WNW	3	e	30.12	-0.04	55	51	-2	SW	1	o	1	60	50	0.05	
Roche's Point	30.12	58	N	1	bc	30.10	-0.05	55	51	0	NW	2	e	3	61	48	0.06	
Pembroke	30.11	57	N	3	b	30.09	-0.04	54	51	0	WNW	2	bc	3	58	52	-	
Scilly	30.17	58	N	4	e	30.08	-0.07	58	54	0	WNW	4	e	4	61	53	0.02	
Prawle Point	30.12	62	WNW	3	b	30.13	-0.00	56	52	-6	WSW	1	bc	1	68	49	-	
Hurst Castle	30.06	65	WSW	6	b	30.10	+0.01	60	59	-1	NW	2	b	2	71	47	-	
Dungeness	30.04	60	N	4	e	30.04	-0.01	59	58	0	2	0	o	1	63	51	-	
London	30.04	66	N	1	e	30.05	-0.01	57	53	-3	WSW	2	o	*	68	54	-	
Oxford	30.04	64	NW	1	bc	30.07	+0.01	57	51	-3	NW	1	b	*	69	48	-	
Cambridge	30.06	60	N	1	bc	30.04	+0.01	59	58	-3	E	1	n	*	65	54	-	
Yarmouth	30.05	58	NE	2	cv	30.05	+0.02	59	57	+1	NE	2	bc	2	61	55	0.21	
The Helder	30.09	62	WNW	3	o	30.02	+0.03	60	58	-8	?	3	e	2	70	59	-	
Cape Gris Nez																		
Jersey	30.12	59	NW	3	b	30.13	-0.00	58	54	+2	WNW	2	bc	2	63	52	-	
Brest	30.18	58	N	4	bc	30.17	+0.02	57	55	-1	WNW	3	o	3	64	52	-	
Lorient	30.15	64	N	4	e	30.19	+0.07	55	52	-6	NW	4	e	2	66	50	-	
Rochefort	30.13	67	WNW	5	b	30.17	+0.01	60	56	-4	N	4	bc	3	70	55	-	
Biarritz	30.12	67	N	5	b	30.12	-0.03	64	62	-1	SW	3	o	1	70	63	-	
Coranna	*	*	*	*	*													
Brussels	*	*	*	*	*	30.02	+0.01	62	60	-8	WNW	3	o	*	69	60	-	
Charleville	30.11	73	WNW	4	bc	30.14	+0.10	64	62	-6	N	3	o	*	85	76	-	
Paris	30.04	77	SW	4	b	30.12	-0.00	61	59	-6	SW	3	b	*	*	*	-	
Lyons	29.94	84	WNW	3	b	30.08	-0.03	74	67	0	ESE	1	bc	*	90	66	-	
Toulon	30.12	75	S	1	m	30.02	+0.05	75	69	+5	2	0	m	1	82	64	-	

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER

# CHARTS

for 8 a.m. on Monday.

13<sup>th</sup> JULY

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

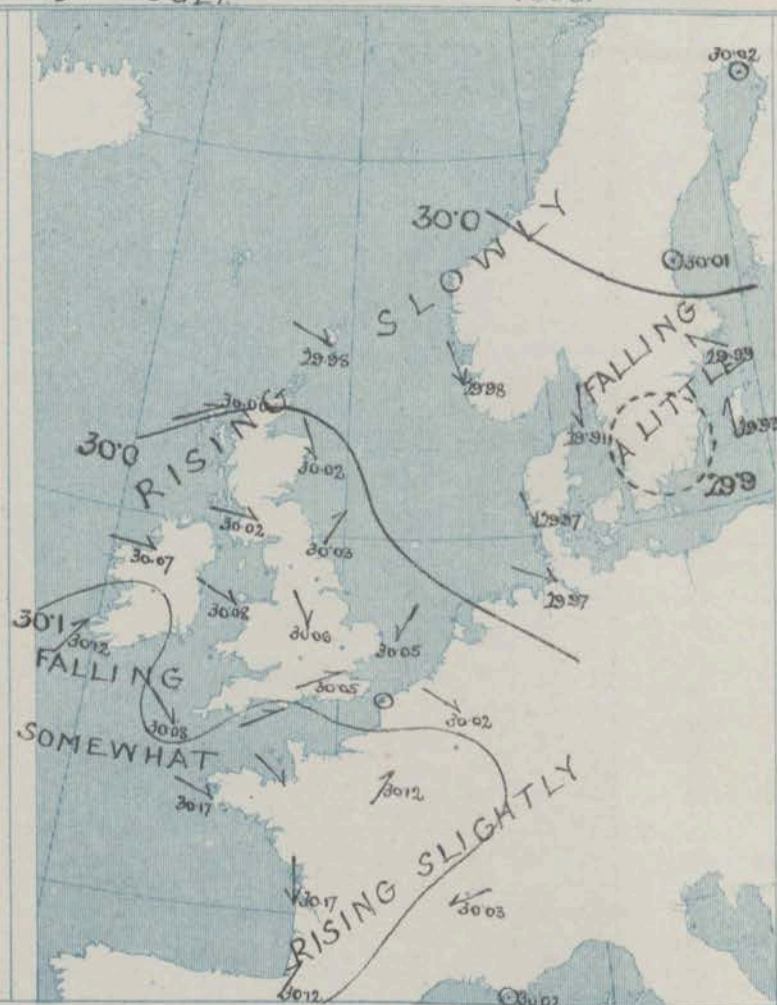
**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words. Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—  
 \*— forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 1 to 4;  
 ⊙ = dead calm.

**Sea Disturbance**—where considerable is shown thus  
 — Rough, — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature**—Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** is shown by Letters of the Beaufort Scale.  
**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 IN SHADE. AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.00
Leith	65.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	65.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for

Monday 13<sup>th</sup> July 1885. at 8 a.m.

An area of high-pressure now lies over the south of Ireland, the English Channel and the greater part of France, while a shallow depression is found over the south of Sweden. The intervening gradients are, however, very slight and as the barometer is rising on our northern coasts, while it is falling in the southwest the tendency is for pressure to become still more uniform. Light breezes from the northwest prevail in most places, but local irregularities in the general current are found at some of our eastern stations. The weather is fair generally but rain is falling at Skagen, Copenhagen and Cambridge and passing showers at Mullaghmore. Slight rain fell yesterday at many of our western and northern stations. Temperature has fallen slightly, and readings now range from 59° at Loughborough, Cambridge, Yarmouth and Dungeness to 52° at Lumburgh Head. The maximum registered in London yesterday was 68°, or 12° lower than that of the previous day. The sea is slight or smooth generally.

There are indications of the presence of shallow local depression over our southwestern coasts. These may possibly advance eastwards and occasion unsettled weather over England.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 8<sup>th</sup> inst. in Long. 49° W.

# FORECASTS

for the 24 hours ending at NOON on 14<sup>th</sup> July 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	Light and somewhat variable breezes, fair generally, but showers locally.	6 SCOTLAND WEST	W <sup>ly</sup> winds, light; changeable, some showers.
2 SCOTLAND EAST	-----D°-----D°-----	7 ENGLAND N.W.	-----D°-----D°-----
3 ENGLAND N.E.	Same as N° 5.	8 ENGLAND S.W.	W <sup>ly</sup> and SW <sup>ly</sup> winds, moderate; changeable, some rain.
4 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	Varying W <sup>ly</sup> winds, light or moderate; changeable, some showers.
5 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	-----D°-----D°-----
6 ENGLAND SOUTH	NW <sup>ly</sup> to SW <sup>ly</sup> winds, light; fair to unsettled and some rain.	WARNINGS	None issued.



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

	Bar.	Dry.	Wet.	Wind.	Wav.	Sea.		Bar.	Dry.	Wet.	Wind.	Wav.	Sea.
Skudesnaes	30.02	57	53	SSW	2	Nf	3	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort	30.16	71	65	NW	5
Belmullet							*					bc	2

## REMARKS.

### SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS

#### AND THEIR NEIGHBOURHOOD

FROM THE 5<sup>TH</sup> JULY TO THE 11<sup>TH</sup> JULY 1885

In the course of this week fine weather has prevailed almost continuously over England, but at our western and northwestern stations the amount of cloud has been large and rain has fallen frequently - especially during the night of the 10<sup>th</sup> - 11<sup>th</sup>.

The week commenced with high pressures over the Bay of Biscay, France and the North Sea and with shallow depressions moving northeastwards outside our extreme western coasts. By the 7<sup>th</sup> the barometer had fallen considerably as a large depression passed by our north-western coasts, and strong SW winds spread over all but our southeastern stations, with rain at times and an unsettled appearance. This soon passed off, however, the wind lulled, and the fine weather spread northwards and westwards again. Temperature rose generally, and on Friday and Saturday maxima varying from 75° to 81° were recorded over England. The rain which fell in the extreme west and north early on Saturday resulted from a small well-marked depression, the centre of which passed over our northwestern districts, but this was disappearing when the week closed and the sky was resuming the tranquil appearance of the previous few days.



# DAILY WEATHER REPORT

for *Wednesday* — *14<sup>th</sup> July* — *1885.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, No. 1, Abchurch Lane, London, E.C. 4.																		
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. (6 to 9 a.m.)	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	30.05	69	S	2	b	30.08	+06	71	65	+3	S	2	c	*	79	52	-	
Hernösand	30.00	64	NE	2	o	29.96	-05	63	62	-1	SE	2	c	*	81	55	-	
Stockholm	29.95	58	SE	2	b	30.01	+02	75	67	-2	Z	0	b	*	88	63	-	
Wisby	29.93	71	S	4	b	29.97	+04	68	66	-7	N	4	bc	*	82	63	-	
Bodo	30.08	58	W	2	c	29.86	-	55	53	-	WNW	2	c	*	59	50	0.02+	
Christiansund	30.00	51	NE	4	f	30.04	+00	50	48	-3	NE	3	f	2	55	48	0.08	
† Skudesnaes	30.01	55	NW	6	bc	30.10	+12	56	52	+1	WNW	2	c	3	59	55	-	
(Oxö) (Stiansund)	29.91	60	SW	6	o	30.02	+10	58	53	-2	W	6	b	2	61	52	-	
Skagen (The Skaw)	29.97	58	WSW	2	c	30.02	+11	59	53	-2	W	5	b	4	63	52	0.20	
Fanö	30.06	52	WNW	2	b	30.15	+18	61	55	+2	ENE	1	c	*	64	46	0.04+	
Cuxhaven	30.03	59	NNE	4	bc	30.11	+14	61	59	-7	NE	3	c	*	59	42	-	
† Sumburgh Head	30.02	54	W	1	b	30.07	+09	51	48	-1	SW	2	c	0	58	42	-	
† Stornoway	30.06	55	WNW	3	b	30.09	+09	54	49	+1	WSW	3	bc	2	57	43	-	
Wick	30.07	52	Z	0	o	30.12	+12	55	53	+1	Z	0	c	0	60	46	0.20	
Nairn	30.06	55	SW	1	o	30.13	+12	54	50	+1	SW	1	b	1	63	49	0.01	
† Aberdeen	30.05	54	E	1	cp	30.14	+12	54	51	-2	N	1	c	1	62	50	0.05	
Leith	30.02	59	SE	1	o	30.14	+13	58	52	+2	NW	1	bm	*	65	46	0.05	
† Shields	30.02	59	SW	2	o	30.16	+13	55	53	0	W	2	b	1	60	49	0.04	
Spurn Head	30.03	58	ESE	2	bc	30.17	+13	55	54	-1	WNW	1	bm	2	61	53	-	
York	30.05	58	NNE	1	o	30.20	+14	55	51	0	WNW	1	b	*	65	42	0.03	
Loughborough	30.05	64	WNW	4	c	30.21	+15	59	54	0	NW	3	b	*	69	46	-	
† Ardrossan	30.06	59	W	3	b	30.18	+16	57	52	0	NW	1	o	1	61	46	-	
Malin Head	30.14	56	WNW	3	b	30.23	+19	52	50	-1	W	5	o	2	58	51	-	
† Mullaghmore	30.13	56	NW	4	bc	30.22	+15	53	51	0	WSW	3	c	2	59	51	0.02	
Belmullet	30.13	56	NW	2	bc	30.29	+23	54	50	+2	SW	2	bc	c	57	44	-	
Donaghadee	30.12	56	NNE	2	b	30.21	+15	56	53	+3	W	2	bc	0	59	42	-	
Barrow-in-Furness	30.07	58	NW	3	b	30.17	+13	54	51	-1	N	3	bc	*	61	51	-	
Liverpool (Bidston)	30.09	68	WNW	2	b	30.22	+16	59	52	+5	WNW	1	b	2	60	50	0.01	
† Holyhead	30.11	56	WNW	2	bc	30.24	+16	58	54	+4	N	1	b	1	59	48	-	
Parsonstown	30.12	60	NW	1	c	30.26	+16	55	51	+2	Z	0	b	*	65	40	0.02	
Valencia	30.14	58	WNW	2	b	30.28	+16	56	52	+1	Z	0	b	1	63	43	-	
Roche's Point	30.02	59	WSW	2	c	30.25	+15	56	52	+1	NW	1	b	2	63	49	-	
Pembroke	30.12	55	WNW	2	b	30.23	+14	65	51	+1	ENE	1	b	1	55	48	-	
† Scilly	30.13	58	WSW	1	c	30.26	+13	58	54	0	Z	0	b	2	60	52	-	
Prawle Point	30.12	58	W	3	b	30.23	+10	62	58	+6	NNE	1	b	1	62	46	-	
Hurst Castle	30.09	65	W	16	b	30.18	+08	58	57	-2	WNW	2	bm	2	66	45	-	
† Dungeness	30.02	62	W	5	c	30.13	+09	60	57	+1	N	3	bc	2	68	51	-	
† London	30.03	67	NW	2	bc	30.19	+14	58	53	+1	NW	1	bm	*	70	48	6	
Oxford	30.07	60	NW	1	c	30.22	+15	58	52	+1	NW	3	b	*	70	49	-	
Cambridge	30.03	63	E	1	c	30.19	+15	55	53	-4	NW	1	b	*	69	47	0.89	
† Yarmouth	30.06	60	ESE	2	bc	30.16	+11	61	58	+2	NE	2	b	2	62	54	-	
The Helder	29.97	63	NE	3	c	30.11	+09	63	58	+3	ENE	1	c	2	66	?	-	
Cape Gris Nez																		
† Jersey	30.12	59	WNW	2	c	30.20	+07	61	54	+3	Z	0	b	0	63	50	-	
Brest	30.15	59	WNW	3	o	30.23	+06	54	51	-3	NE	3	b	2	63	48	-	
Lorient	30.15	51	WNW	5	c	30.20	+01	55	52	0	N	4	b	2	68	48	-	
† Rochefort	30.14	65	WNW	7	c	30.18	+01	61	56	+1	NE	5	bc	2	70	52	-	
Biarritz	30.10	66	N	4	o	30.12	00	63	59	-1	SE	3	a	0	75	61	0.04	
Corunna																		
Brussels						30.13	+11	60	55	-2	W	1	o	*	63	45	-	
Charleville	30.15	71	W	1	c	30.19	+05	60	57	-4	WNW	3	c	*	75	62	-	
Paris	30.08	71	S	4	bc	30.19	+07	61	53	0	N	4	bc	*	75	48	-	
Lyons	30.00	70	WNW	4	o	30.08	+05	69	64	-5	ESE	1	c	*	87	43	0.47	
Toulon																		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted). § Heavy rain fell in some parts of London, but none at Bristol.



# WEATHER

for 8 a.m. on Tuesday

# CHARTS

14<sup>th</sup> JULY

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

— Rough — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.827
Stornoway	29.709
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

for

Tuesday 14<sup>th</sup> July 1885, at 8 a.m.

In the course of the past twentyfour hours the barometer has risen generally, and an anticyclone, in which readings exceed 30.2 ins, now lies over Ireland, the west of England and northwest of France. Moderate SW<sup>ly</sup> breezes are reported on our extreme north and northwest coasts, but in the east the wind is NW<sup>ly</sup> while in the south it draws into N or NE. The weather is fine generally, but fog prevails at some of the Scandinavian stations, and rain is falling at Biarritz. A thunderstorm occurred at Cambridge last evening, and vivid lightning was seen in the south of London, while heavy rain fell in the northern part of the Metropolis. Temperature has risen a little generally, and readings now range from 62° at Spindle Point to 51° in the Shetlands. The sea is smooth on all coasts.

The anticyclone in the west seems likely to extend eastwards and fine weather is probable in most districts.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that with a depression observed in Long 46° W. on the 8<sup>th</sup> inst. the barometer at 1 a.m. fell to 29.9 ins and the wind blew a whole gale from S veering to NW.

## FORECASTS

for the 24 hours ending at NOON on 15<sup>th</sup> July 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	SW <sup>ly</sup> or W <sup>ly</sup> winds, moderate; fair generally.	6 { SCOTLAND WEST	W <sup>ly</sup> or NW <sup>ly</sup> winds, light; fair generally.
1 { SCOTLAND EAST	W <sup>ly</sup> or NW <sup>ly</sup> winds, light; fine, warmer.	7 { ENGLAND N.W.	----- D° ----- D°
2 { ENGLAND N.E.	Same as N° 5.	8 { ENGLAND S.W.	N <sup>ly</sup> or NE <sup>ly</sup> winds, light; fine generally.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	Same as N° 0.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	Calms or W <sup>ly</sup> airs; fine generally.
5 { ENGLAND SOUTH	NW <sup>ly</sup> or N <sup>ly</sup> winds, light; fine, warmer.	WARNINGS	None issued.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.99	59	54	NW	6	c	Holyhead	30.10	58	54	WNW	4	bc	3
Sumburgh Head	30.01	55	51	WNW	1	bc	Valencia	30.15	62	55	NW	2	bc	3
Stornoway	30.03	56	50	W	3	o	Scilly	30.13	60	54	WNW	2	c	4
Aberdeen	30.04	57	54	SSW	1	bc	Dungeneas	30.03	64	61	W	4	c	3
Shields	30.03	58	57	SEW	2	n	London	30.04	70	59	WSW	2	bc	*
Ardrossan	30.05	58	53	W	3	b	Yarmouth	30.05	62	58	ESL	3	b	2
Malin Head	30.11	57	54	NW	4	b	Jersey	30.13	62	55	W	3	c	3
Mullaghmore	30.11	57	53	NW	3	bc	Rochefort	30.17	70	61	NW	5	c	2
Belmullet	30.10	52	51	SW	2	c	*							

## REMARKS.

The barometer is rising a little at all but our southeastern and southern stations, but no important change is shown in the wind. Fine weather is reported from all stations excepting Shields, where rain is falling. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for Wednesday 15<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, W. H. SCOTT, Secretary.																		
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	29.97	64	Z	0	b	30.04	- .04	70	66	- 1	S	1	bc	*	81	61	—	
Hernösand	29.97	66	E	1	b	30.05	+ .09	65	60	+ 2	WNW	2	c	*	79	61	—	
Stockholm	30.09	69	Z	0	bc	30.13	+ .12	70	58	- 6	Z	0	c	*	88	64	—	
Wisby	30.04	68	NNW	2	i	30.02	+ .05	68	63	0	NE	2	o	*	77	61	—	
Bodö	30.07	50	WSW	2	h	30.06	+ .20	43	47	- 7	WNW	2	h	2	55	46	0.20	
Christiansund	30.10	53	NE	2	bc	30.10	+ .06	57	50	+ 7	ESE	4	b	2	57	46	—	
†Skudesnæs	30.14	56	WSW	2	c	30.12	+ .02	57	54	+ 1	SSE	6	o	4	64	51	—	
Oxö (Christiansund)	30.13	58	WSW	6	b	30.19	+ .17	56	53	- 2	WSW	1	b	1	61	52	—	
Skagen (The Skaw)	30.14	55	WSW	3	b	30.17	+ .15	60	54	+ 1	WNW	3	b	2	66	53	—	
Fanö	30.19	54	NNW	4	i	30.21	+ .06	61	57	0	SE	2	b	*	68	53	—	
Cuxhaven	30.16	64	NE	2	b	30.20	+ .09	66	62	+ 5	E	2	b	*	69	?	—	
†Sumburgh Head	30.01	52	SW	3	c	29.80	- .27	52	51	+ 1	S	5	o	5	56	47	0.08	
†Stornoway	29.96	50	S	6	op	29.76	- .33	53	52	+ 1	W	3	h	3	57	48	0.47	
Wick	30.02	55	SW	3	o	29.78	- .34	56	53	+ 1	SSW	3	bc	2	60	46	0.02	
Nairn	30.00	52	W	b	4	29.79	- .34	58	54	+ 4	WSW	1	o	1	61	50	0.12	
†Aberdeen	30.07	57	S	1	c	29.87	- .27	53	52	- 1	SSW	4	h	2	61	50	0.20	
Leith	30.13	59	NW	1	o	29.93	- .21	56	53	- 2	SSE	2	om	*	65	51	0.01	
†Shields	30.14	61	W	2	bc	30.06	- .10	55	54	0	SSW	3	h	2	62	53	—	
Spurn Head	30.16	59	SE	4	b	30.16	- .01	60	56	+ 5	SW	3	bc	2	61	54	—	
York	30.20	63	W	3	b	30.15	- .05	56	52	+ 1	S	3	o	0	70	49	—	
Loughborough	30.20	67	WNW	4	b	30.20	- .01	59	53	0	WSW	3	om	*	73	50	—	
†Ardrossan	30.14	55	SW	2	b	29.94	- .24	54	53	- 3	WSW	6	om	5	59	52	0.18	
Malin Head	30.02	52	SW	4	c	29.95	- .18	52	51	0	WNW	4	bc	4	57	51	0.32	
†Mullaghmore	30.11	56	SW	5	o	29.98	- .24	55	54	+ 2	W	5	od	5	60	52	0.13	
†Belmullet	30.10	55	SW	4	o	29.96	- .33	54	52	0	SW	3	o	0	57	53	0.20	
Donaghadee	30.17	56	SW	3	o	30.01	- .20	54	53	- 2	WSW	4	o	2	63	53	0.04	
Barrow-in-Furness	30.19	58	SSW	2	b	30.11	- .06	56	53	+ 2	SW	6	o	*	60	53	—	
Liverpool (Bidston)	30.22	62	WNW	1	b	30.15	- .07	57	51	- 2	SW	2	o	2	64	54	—	
†Holyhead	30.22	57	SSW	2	c	30.13	- .11	56	54	- 2	SSW	4	cq	3	63	54	—	
†Parsonstown	30.21	60	W	1	o	30.08	- .18	56	55	+ 1	SW	2	o	*	65	52	—	
†Valencia	30.27	57	WSW	3	o	30.14	- .14	57	56	+ 1	SW	4	of	4	62	54	—	
Roche's Point	30.26	59	WSW	4	c	30.15	- .10	57	55	+ 1	WSW	4	o	4	64	48	—	
Pembroke	30.17	57	W	2	c	30.21	- .02	57	56	+ 2	WSW	3	bc	3	62	54	—	
†Seilly	30.29	60	WNW	2	c	30.27	+ .01	61	56	+ 3	WSW	2	o	2	63	52	—	
†Prawle Point	30.28	60	WNW	1	bc	30.27	+ .04	59	54	- 3	W	1	bc	0	64	51	—	
Hurst Castle	30.23	67	WSW	4	b	30.26	+ .03	65	65	+ 7	NW	1	cm	1	72	51	—	
†Dungeness	30.21	63	SSW	1	bc	30.25	+ .12	61	59	+ 1	Z	0	bc	1	69	57	—	
†London	30.20	69	NW	2	bc	30.24	+ .05	63	57	+ 5	W	1	b	*	69	48	—	
Oxford	30.22	61	NW	1	b	30.23	+ .01	59	53	+ 1	WSW	1	o	*	68	51	—	
Cambridge	30.22	64	N	1	b	30.21	+ .02	61	57	+ 6	SW	1	b	*	70	47	—	
†Yarmouth	30.21	63	NE	2	b	30.22	+ .06	63	60	+ 2	S	3	b	2	65	54	—	
The Helder	30.17	62	NNE	3	b	30.21	+ .10	61	56	- 2	NNW	1	b	1	66	59	0.37	
Cape Gris Nez	30.24	62	N	3	b	30.28	+ .08	59	54	- 2	Z	0	om	0	66	52	—	
†Jersey	30.26	61	N	4	b	30.30	+ .07	55	53	+ 1	Z	0	b	3	63	46	—	
Brest	30.25	64	WNW	5	b	30.29	+ .09	54	51	- 1	ENE	4	bc	1	71	50	—	
Lorient	30.22	70	NW	5	b	30.29	+ .11	62	59	+ 1	ENE	4	c	2	75	54	—	
†Rocheport	30.17	66	N	4	bc	30.22	+ .10	70	67	+ 7	Z	0	b	0	68	61	0.12	
Biarritz	*	*	*	*	*	30.23	+ .10	62	59	+ 2	NW	1	bc	*	72	55	—	
Coranna	*	*	*	*	*	30.12	- .07	59	57	- 1	NNW	3	c	*	78	52	—	
Brussels	*	*	*	*	*	30.32	+ .13	60	57	- 1	W	1	b	*	*	*	—	
Charleville	30.15	68	NW	1	o	30.23	+ .15	63	58	- 6	N	3	b	*	77	59	0.20	
Paris	30.12	66	WSW	3	o	30.05	*	71	65	*	NNW	3	m	2	82	66	—	
Lyons	30.07	79	S	1	m												—	
Toulon																	—	

## EXPLANATION OF COLUMNS

WEATHER.—Bouffort 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER

For 8 a.m. on

WEDNESDAY

15<sup>TH</sup>

JULY

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

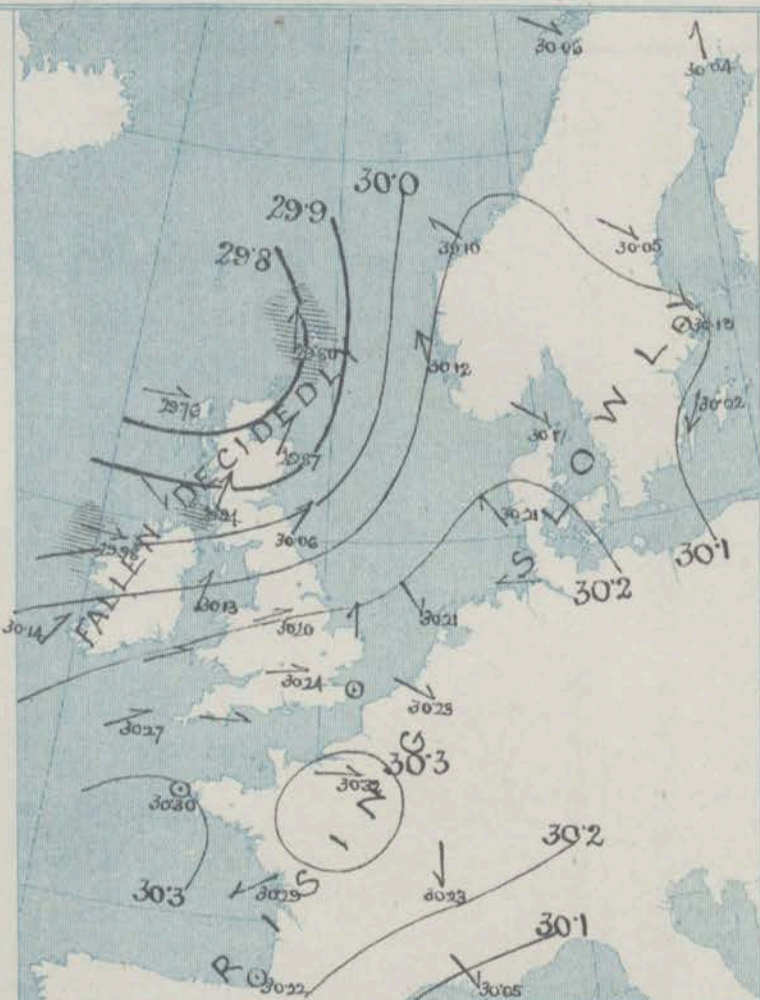
— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.980
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

for WEDNESDAY 15<sup>th</sup> JULY 1885, at 8 a.m.

The anticyclone which lay over our western coasts yesterday has been transferred to our southern and the French stations, and in the course of the night a depression has advanced from the southwestward to the north of Scotland.

Under the influence of this disturbance, the barometer is now falling at all our more western & northern stations, the change being greatest in Scotland. The wind is moderate from NE. in the west of France and SE<sup>ly</sup> on the eastern shores of the North Sea, but over the greater part of our islands it varies from between SW. & W. and at some of our northern stations it blows freshly or strongly.

The weather is dull on our west and north coasts, with rain in several places, but at our southeastern, southern and most of the Continental stations it is generally fine. Temperature has risen a little in the southeast, but changed irregularly elsewhere, and readings now range from 63° in London and at Yarmouth to 52° at Lumburgh Head and Malin Head. The sea is rough at Lumburgh Head, Ardrossan and Mullaghmore, moderate to smooth elsewhere.

The depression in the north will probably move northeastward and fair weather seems likely to continue for a time over our southeastern coasts.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 3<sup>d</sup> Inst. in Long. 41°, and on the 11<sup>th</sup> between Long. 50° and 51° W.

# FORECASTS

for the 24 hours ending at NOON on 16<sup>th</sup> JULY 1885.  
(Issued at 11 a.m. on the previous day.)

## DISTRICTS.

## FORECASTS.

## DISTRICTS.

## FORECASTS.

0 { SCOTLAND  
NORTH

SH<sup>ly</sup> winds, moderate or fresh;  
changeable, some rain.

1 { SCOTLAND  
EAST

.....D.....D.....D.....

2 { ENGLAND  
N.E.

.....D.....D.....D.....

3 { ENGLAND  
EAST

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

4 { MIDLAND  
COUNTIES

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

5 { ENGLAND  
SOUTH

N<sup>ly</sup> and SH<sup>ly</sup> winds, moderate;  
fair generally

6 { SCOTLAND  
WEST

Same as N<sup>os</sup> 0 to 2.

7 { ENGLAND  
N.W.

Same as N<sup>os</sup> 0 to 2.

8 { ENGLAND  
S.W.

Same as N<sup>os</sup> 3 to 5.

9 { IRELAND  
NORTH

SH<sup>ly</sup> to N<sup>ly</sup> winds, fresh; cloudy  
and some rain to fair

10 { IRELAND  
SOUTH

.....D.....D.....D.....

WARNINGS

NONE ISSUED



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.14	64	55	SW	2	c	3	Holyhead	30.26	61	55	SW	2	bc	1
Sumburgh Head	30.08	55	52	NW	3	bc	2	Valencia	30.28	60	56	SW	2	o	4
Stornoway	30.04	54	50	SSW	4	bc	3	Scilly	30.28	62	56	WNW	2	bc	1
Aberdeen	30.12	59	55	SSE	3	bc	1	Dungeness	30.21	65	62	E	1	bc	0
Shields	30.16	59	56	E	2	c	2	London	30.21	66	56	NW	2	c	*
Ardrossan	30.18	55	51	SW	3	o	3	Yarmouth	30.22	60	60	NE	3	b	2
Malin Head	30.12	55	52	W	4	c	3	Jersey	30.14	67	55	N	2	b	3
Mullaghmore	30.19	59	53	W	3	om	2	Rochefort	30.22	73	64	NW	5	bc	2
Belmullet	30.20	55	51	SW	2	o	*								

## REMARKS.

The barometer is now falling a little on our northern and northwestern coasts, while it continues to rise in the south. No important change has taken place in the wind or weather, but an increase of cloud is reported in the west of Ireland. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for *Thursday — 16<sup>th</sup> July 1885.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

Issued by the Meteorological Office, 16, North St. London, E.C. 4.																			
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. (10 to 12).	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).		Weather.	Max.	Min.	Amount of Rainfall.		
Haparanda	30.05	60	SW	2	b	30.09	+ .05	63	58	- .7	N.E.	4	c	•	72	•	-		
Hernösand	30.10	64	Z	0	b	30.03	- .02	62	57	- .3	S.S.E.	2	b	•	79	•	-		
Stockholm	30.09	64	WNW	2	o	29.97	- .16	62	58	- .7	S.W.	2	h	•	82	59	-		
Wisby	30.01	64	N.E.	6	c	29.92	- .10	63	60	- .5	N	4	o	•	70	61	0.04		
Bodo	30.15	50	N.N.E.	2	b	29.96	- .10	55	51	+ .7	E.N.E.	6	b	•	•	46	-		
Christiansund	29.94	60	E.N.E.	2	o	29.90	- .20	57	53	0	E.S.E.	1	o	1	64	52	-		
Skudesnaes	30.05	56	S.S.E.	6	h	29.93	- .19	55	54	- .2	S.S.E.	6	h	4	59	55	-		
(X) (Xtiansund)	30.13	59	WSW	2	o	30.03	- .16	61	58	+ .5	S.W.	2	o	2	64	•	-		
Skagen (The Skaw)	30.14	59	W	2	b	30.04	- .13	62	58	+ .3	S.E.	2	c	o	68	54	-		
Faro	30.15	59	Z	0	c	30.04	- .17	64	60	+ .3	S	1	bc	•	70	54	-		
Cuxhaven	30.19	67	N	1	b	30.11	- .09	66	65	0	WSW	2	c	•	69	63	-		
Sumburgh Head	29.79	53	SW	2	o	29.80	00	53	50	+ .1	SW	2	b	2	57	48	0.01		
Stornoway	29.83	54	W	4	c	29.87	+ .11	52	50	- .1	W	2	o	1	56	46	0.09		
Wick	29.85	56	WNW	1	bc	29.88	+ .07	52	50	- .4	W	3	c	1	61	46	0.31		
Nairn	29.87	56	Z	0	c	29.89	+ .10	55	51	- .3	WNW	2	b	1	66	50	-		
Aberdeen	29.86	62	WSW	2	bc	29.89	+ .02	56	52	+ .3	W	1	b	1	67	48	-		
Leith	29.93	61	WNW	1	c	29.93	00	57	52	+ .1	WNW	1	cm	•	64	51	0.06		
Shields	29.98	61	SSW	4	c	29.98	- .08	57	54	+ .2	W	2	c	1	62	51	0.07		
Spurn Head	30.08	64	SSW	3	c	29.96	- .20	60	58	0	SW	3	c	2	67	56	-		
York	30.06	63	SW	2	o	29.98	- .17	57	56	+ .1	SSW	1	o	•	65	53	0.16		
Loughborough	30.09	66	WSW	3	c	30.00	- .20	60	56	+ .1	W	3	c	•	68	55	-		
Ardrossan	29.95	57	W	3	o	29.94	00	55	53	+ .1	SSW	2	c	2	62	50	0.01		
Malin Head	30.04	54	WNW	4	c	29.94	- .04	52	49	0	W	4	o	4	59	49	0.04		
Mullaghmore	30.02	55	W	5	o	30.01	+ .03	52	51	- .3	WNW	5	opd	4	60	50	0.02		
Belmullet	30.00	54	W	3	o	30.00	+ .04	54	51	0	WNW	3	o	•	57	50	0.06		
Donaghadee	30.00	59	N	2	c	29.99	- .02	54	53	0	WNW	3	o	1	65	50	0.29		
Barrow-in-Furness	30.01	59	SW	5	b	29.98	- .13	55	53	- .1	WNW	3	c	•	59	54	0.11		
Liverpool (Bidston)	30.05	60	WSW	1	o	30.00	- .15	55	52	- .2	W	3	o	3	64	52	0.08		
Holyhead	30.05	58	SW	4	bc	30.03	- .10	54	53	- .2	W	4	o	3	60	52	0.04		
Parsonstown	30.06	60	W	1	bc	30.07	- .01	54	52	- .2	SW	1	og	•	63	56	-		
Valencia	30.12	60	WNW	3	c	30.13	- .01	55	53	- .2	WNW	3	o	2	61	51	0.06		
Roche's Point	30.12	60	WSW	4	bc	30.09	- .06	55	52	- .2	W	3	c	3	65	49	-		
Pembroke	30.12	57	SW	4	o	30.08	- .13	55	50	- .2	WNW	3	c	8	60	54	-		
Seilly	30.21	61	WSW	5	o	30.13	- .14	58	54	- .3	WNW	4	o	4	65	54	0.04		
Prawle Point	30.22	57	W	3	c	30.11	- .16	58	58	- .1	W	2	c	2	63	54	0.05		
Hurst Castle	30.19	62	W	5	bc	30.09	- .17	60	60	- .5	WSW	5	c	4	66	46	0.01		
Dungeness	30.18	62	W	4	bc	30.08	- .17	61	59	0	WSW	4	c	3	67	57	-		
London	30.14	67	SW	2	c	30.05	- .19	62	57	+ .3	SW	3	c	•	75	53	-		
Oxford	30.14	61	W	2	c	30.04	- .19	58	56	- .1	SW	3	o	•	68	56	-		
Cambridge	30.12	65	SW	1	c	30.02	- .19	62	58	+ .1	SW	1	o	•	71	52	-		
Yarmouth	30.12	64	SSW	3	c	30.03	- .19	62	58	- .1	W	2	bc	2	65	55	-		
The Helder	30.15	62	WSW	1	o	30.03	- .18	62	59	+ .1	SW	3	c	3	68	57	-		
Cape Gris Nez	30.23	60	WNW	1	og	30.15	- .13	58	56	- .1	WSW	3	ov	3	65	52	-		
Jersey	30.27	59	WNW	4	o	30.19	- .11	58	57	+ .3	W	3	o	2	63	54	-		
Brest	30.26	69	W	3	b	30.23	- .06	56	54	+ .2	WNW	4	b	1	77	50	-		
Lorient	30.24	69	WNW	5	b	30.21	- .08	64	62	+ .2	Z	0	o	o	77	64	-		
Biarritz	30.17	70	N	5	b	30.16	- .06	69	65	- .1	WSW	4	b	2	74	64	-		
Corunna	•	•	•	•	•	30.23	+ .02	64	63	- .4	N.N.E.	4	o	4	79	54	-		
Brussels	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
Charleville	30.10	70	NW	1	b	30.23	+ .11	57	54	- .2	WNW	1	bc	•	77	52	-		
Paris	30.21	76	S	1	b	30.16	- .16	66	58	+ .6	SW	1	b	•	•	•	-		
Lyons	30.16	72	N.N.E.	1	bc	30.17	- .06	64	57	+ .1	E.N.E.	1	bc	•	76	57	-		
Toulon	30.04	74	WNW	5	m	30.06	+ .01	68	60	- .8	WNW	4	b	3	81	66	-		

## 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); 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER

for 8 a.m. on Thursday 16<sup>th</sup> JULY 1885.

# CHARTS

## BAROMETER, WIND & SEA.

(Explanation of Map.)

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

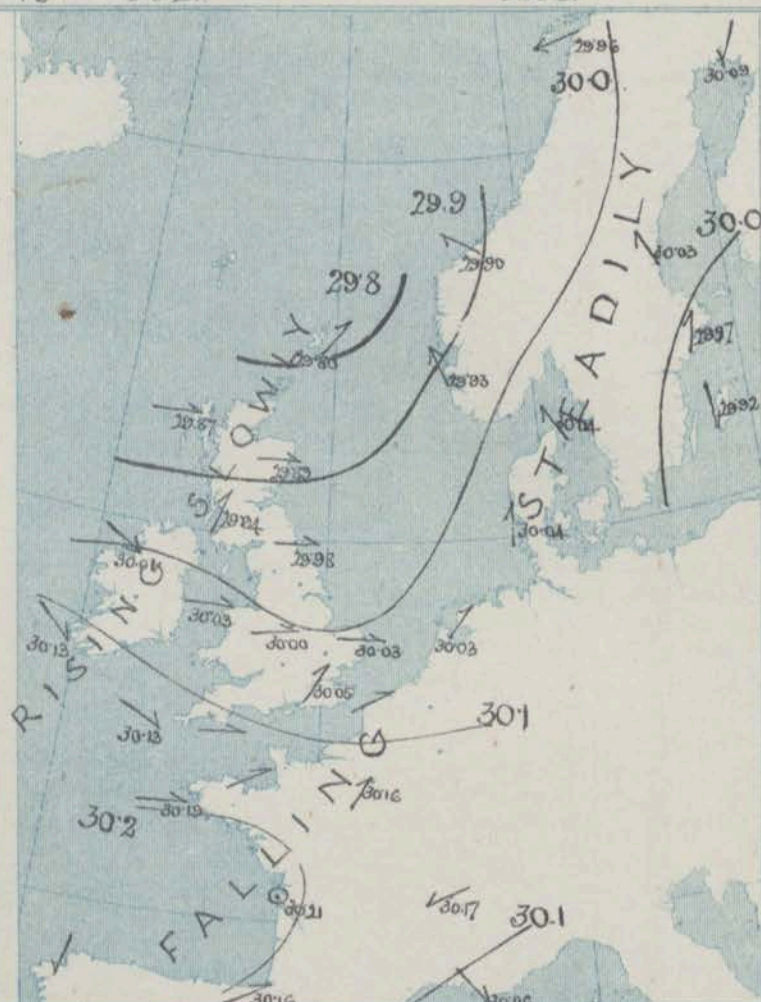
**Sea Disturbance**—where considerable is shown thus

— Rough — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather**—is shown by Letters of the Beaufort Scale.

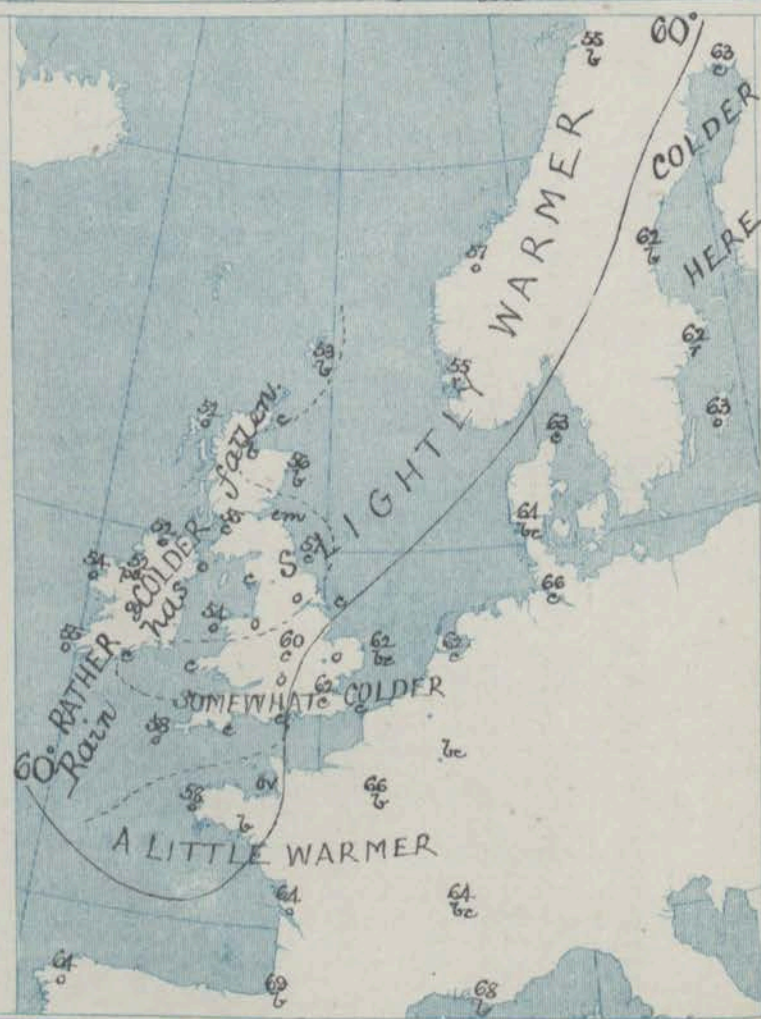
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.8	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE—The Temperature means are for the 10 Years 1871—80, the Rainfall means are mainly those for the 15 years 1865—80.





# REMARKS.

for

Thursday 16<sup>th</sup> July 1885. at 8 a.m.

The depression which lay off the north of Scotland yesterday has moved away in a northerly or northeasterly direction and the barometer has risen somewhat on our northern and northwestern coasts. Elsewhere, however, a steady fall has taken place, and a small and very shallow subsidiary disturbance is apparently lying over the north of England. The wind is moderate from NW on our western coasts, and from SW in the east, but on the eastern shores of the North Sea it is S by E or SE by E. The weather is fine at some of the Scotch and French stations, but cloudy or overcast elsewhere, with rain at Studeenæs and Mullaghmore. In the course of the past twenty-four hours rain has fallen at several of our western and northern stations. Solar halo was seen at Jersey yesterday. Temperature has fallen a little in the west and south, but risen slightly on our northeastern coasts, and readings now range from 62° at Cambridge, Yarmouth and in London to 52° at Stornoway, Wick, Malin Head and Mullaghmore. The highest maxima registered yesterday were 75° in London and 71° at Cambridge. The sea is moderate to smooth.

The shallow depression over the north of England will probably occasion showers over our midland and eastern counties; but as it passes away the weather is likely to improve temporarily.

## FORECASTS

for the 24 hours ending at NOON on 17<sup>th</sup> July 1885.

(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

W<sup>ly</sup> and NW<sup>ly</sup> winds, moderate; fair generally

6 { SCOTLAND  
WEST

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

1 { SCOTLAND  
EAST

-----D°-----D°-----

7 { ENGLAND  
N. W.

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

2 { ENGLAND  
N. E.

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

8 { ENGLAND  
S. W.

W<sup>ly</sup> winds, moderate; fair generally, but showers locally.

3 { ENGLAND  
EAST

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

9 { IRELAND  
NORTH

W<sup>ly</sup> and NW<sup>ly</sup> winds, moderate; cloudy some rain.

4 { MIDLAND  
COUNTIES

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

10 { IRELAND  
SOUTH

Same as N<sup>o</sup> 8.

5 { ENGLAND  
SOUTH

Moderate SW<sup>ly</sup> breezes and showers, followed by W<sup>ly</sup> breezes and fair weather.

### WARNINGS

None issued.



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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes	29.98	58	57	SSW	8	12	Holyhead	30.08	55	55	SSW	5	0 q	5
Sumburgh Head	29.77	55	53	SW	5	0	Valencia	30.13	57	57	WNW	3	0 m 2	3
Stornoway	29.81	55	51	W	4	0	Scilly	30.24	64	59	SSW	4	0	5
Aberdeen	29.67	59	56	S	1	c	Dungeness	30.21	65	62	W	4	60	2
Shields	20.01	57	56	SSW	4	c	London	30.18	72	59	SSW	3	c	*
Ardrossan	29.95	61	55	2	0	c	Yarmouth	30.16	63	60	SSW	5	60	3
Malin Head	29.96	56	54	WNW	4	60	Jersey	30.26	62	55	WNW	3	0	3
Mullaghmore	20.00	58	54	W	5	0 m	Rochefort	30.27	76	64	WNW	4	6	2
Behmullet	29.99	56	53	SW	3	0								

## REMARKS.

The barometer is rising a little at our north-western stations, but falling elsewhere. The wind has veered to WNW in the south of Ireland, but cloudy weather continues at most of the western and northern stations, and drizzling rain is falling at Valencia. The sea is rather rough at Sumburgh, Mullaghmore, and Valencia.



# DAILY WEATHER REPORT

for

Friday — 17<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, New Street, London, W.1. 1.																
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## EXPLANATION OF COLUMNS

**WEATHER.**—Bouffort 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER CHARTS

for 8 a.m. on

Friday, 17<sup>th</sup> JULY.

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

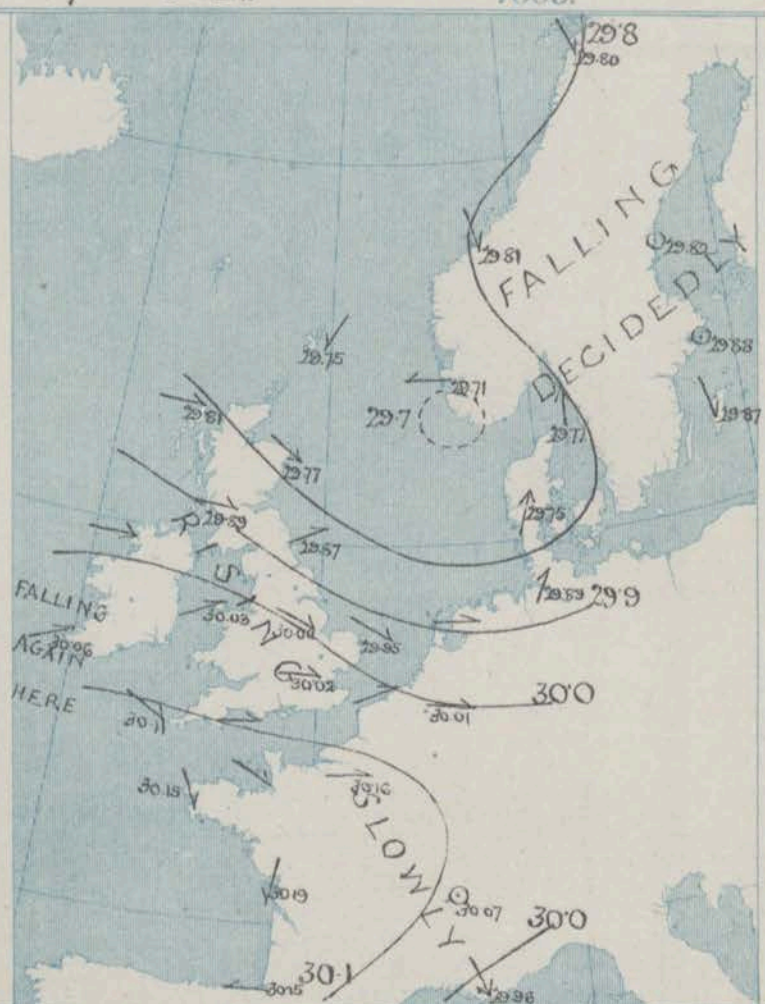
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 1 to 4;  
 ○ = dead calm.

**Sea Disturbance** — where considerable is shown thus  
 — Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.981
Dover	29.959
LONDON.	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by Letters of the Beaufort Scale.

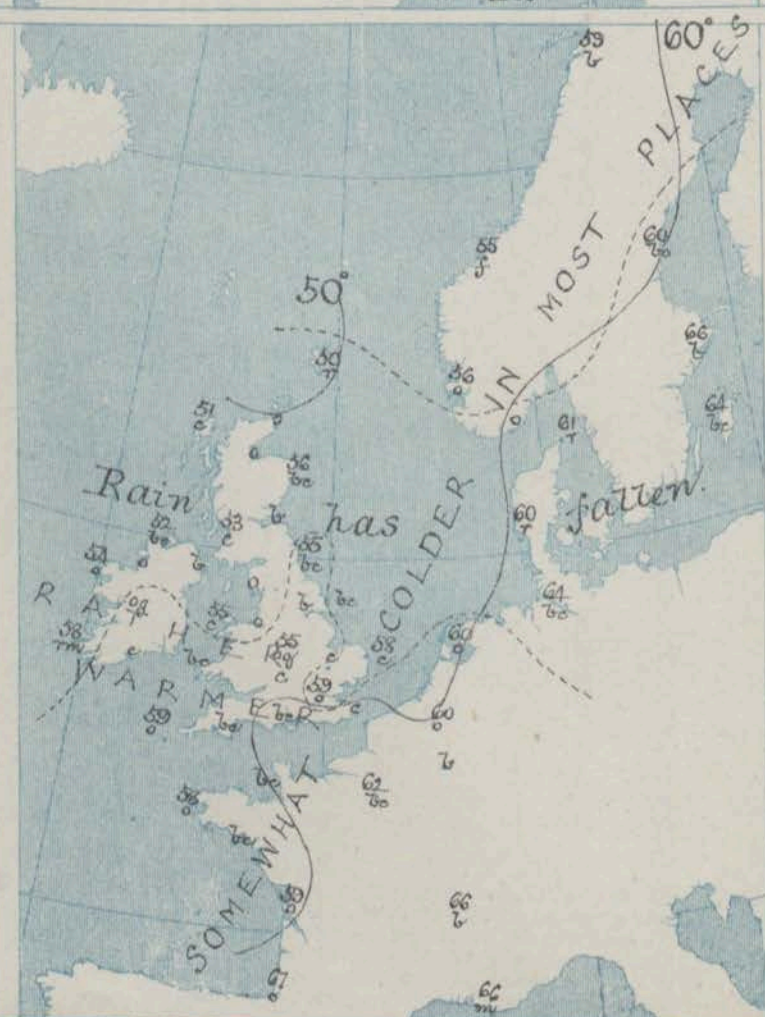
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	50.3	40.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.0	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.8	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for

Friday 17<sup>th</sup> July 1885. at 8 a.m.

An anticyclone lies over the Bay of Biscay and greater part of France, and the barometer is rising a little at most of our western, southern and the French stations. Elsewhere, however, the mercury is falling and a small depression is found off the south of Norway. At Valencia a slight fall of the barometer has taken place since 10 pm. The wind is S<sup>ly</sup> on the eastern shores of the North Sea, but in our Islands it is chiefly W<sup>ly</sup> or NW<sup>ly</sup>, while in the west of France it draws into N; in force it is moderate or fresh generally. Rain is falling in Denmark as well as at Lumburgh Head and Valencia, but elsewhere the weather is fair or fine. During yesterday rain fell at most of our western and northern stations, and showers in the southeast of England. Temperature has risen slightly in the west and south, but fallen elsewhere; readings now range from 62° at Hurst Castle and Dungeness to 50° at Lumburgh Head and Wick. The sea is moderate to smooth.

The fall of the barometer at Valencia seems to indicate the approach of a fresh shallow disturbance. This is likely to occasion showers at some of our more southern stations.

## FORECASTS

for the 24 hours ending at NOON on 18<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

W<sup>ly</sup> and NW<sup>ly</sup> winds, moderate; fair generally.

6 { SCOTLAND  
WEST

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

1 { SCOTLAND  
EAST

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

7 { ENGLAND  
N. W.

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

2 { ENGLAND  
N. E.

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

8 { ENGLAND  
S. W.

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

3 { ENGLAND  
EAST

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

9 { IRELAND  
NORTH

W<sup>ly</sup> winds, moderate; fair to cloudy and some rain.

4 { MIDLAND  
COUNTIES

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

10 { IRELAND  
SOUTH

W<sup>ly</sup> and SW<sup>ly</sup> winds, moderate; changeable, some rain.

5 { ENGLAND  
SOUTH

W<sup>ly</sup> winds, moderate; fair generally, but perhaps some showers.

### WARNINGS

None issued



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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	29.88	59	57	SSE	8	0	4	Holyhead	30.02	57	54	SW	4	e	3
Samburgh Head	29.81	53	49	WSW	3	e	2	Valencia	30.14	56	55	NW	4	om	4
Stornoway	29.84	52	50	S	3	0	2	Scilly	30.13	60	56	WNW	3	0	4
Aberdeen	29.86	60	55	S	2	e	1	Dungeness	30.06	62	60	WSW	5	e	4
Shields	29.92	60	58	W	2	0	1	London	30.01	68	57	W	4	c	*
Ardrossan	29.91	57	53	SSW	2	0	2	Yarmouth	29.98	63	59	WSW	1	be	2
Malin Head	29.90	53	50	W	4	e	4	Jersey	30.13	63	57	W	3	0	3
Mullaghmore	29.99	56	53	W	5	ep	4	Rochefort	30.19	70	65	W	5	b	2
Belmullet	30.01	54	52	WNW	3	0	*								

## REMARKS.

The barometer is falling a little on our north and east coasts, but in the west it is almost stationary. The wind has backed to S. at Stornoway and Aberdeen, but is little changed elsewhere. The sky is cloudy in most places. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for *Saturday* — 18<sup>th</sup> July. 1885.

Issued by the Meteorological Office, 16, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 10, Victoria Street, London, W. 1. 3011. Secretary.																		
† 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 2).	SHADE TEMP.		Amount of Rainfall.		
			Dirce.	Force (0 to 12).		Reading at 8 a.m. 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	29.78	68	S	2	0	29.62	-	68	69		S	4	bc	*	72	?	-	
Hernösand	29.72	62	S	2	0	29.52	- .33	63	60	+ 3	S	4	t	*	73	52	-	
Stockholm	29.71	62	SE	2	0	29.69	- .19	63	55	- 8	SEW	6	t	*	72	55	-	
Wisby	29.82	62	S	4	bc	29.80	- .02	62	56	- 2	SW	6	t	*	73	55	-	
Bodö	29.69	59	2	0	b	29.49	- .20	62	59	+ 3	ENE	2	0	2	64	54	-	
Christiansund	29.63	55	N	2	b	29.44	- .19	54	53	- 1	WSW	2	0	3	59	50	0.02	
Skudesnaes	29.60	53	NW	4	t	29.74	+ .03	53	49	- 4	WNW	6	0	4	57	?	-	
Oslo (Christiania)	29.68	54	SW	6	t	29.68	- .05	55	52	- 3	N	8	0	4	61	52	0.56	
Skagen (The Skaw)	29.62	55	SW	5	c	29.69	- .08	57	53	- 4	WSW	7	bc	6	64	52	0.91	
Fanö	29.81	56	WSW	6	b	29.93	+ .12	63	56	+ 7	W	6	bc	*	64	54	0.20	
Cuxhaven	29.93	60	WNW	5	bc	29.99	+ .06	65	61	+ 4	W	2	b	*	65	57	-	
Sumburgh Head	29.77	61	NW	2	0	29.74	- .03	53	50	+ 3	SW	2	c	1	54	47	0.01	
Stornoway	29.85	55	NW	8	b	29.72	- .13	52	48	+ 4	S	2	c	2	55	45	0.01	
Wick	29.83	53	NW	2	bc	29.76	- .07	53	50	+ 3	2	0	bc	0	59	40	0.05	
Nairn	29.84	57	W	1	bc	29.76	- .08	65	51	+ 14	2	0	c	0	61	47	-	
Aberdeen	29.83	61	NW	2	bc	29.76	- .07	57	54	+ 3	SE	3	bc	1	64	47	0.08	
Leith	29.87	59	W	2	b	29.75	- .12	53	53	- 3	E	1	0	*	66	50	0.07	
Shields	29.89	60	W	4	b	29.80	- .09	51	51	- 4	S	2	t	1	62	50	0.07	
Spurn Head	29.95	60	W	4	b	29.87	- .08	59	58	+ 1	SEW	4	c	2	61	50	0.08	
York	29.96	59	W	3	b	29.85	- .11	56	54	- 2	S	2	t	*	63	48	0.03	
Loughborough	30.00	63	WNW	4	bc	29.91	- .09	60	58	+ 2	SSW	4	0	*	65	53	0.01	
Ardrossan	29.91	57	WNW	1	0	29.73	- .18	54	53	+ 1	NIE	1	0	1	61	50	0.13	
Malin Head	29.93	55	WNW	2	c	29.70	- .23	52	52	0	SSW	4	t	3	58	50	0.11	
Mullaghmore	29.91	56	NIE	2	0	29.71	- .20	54	56	+ 2	WSW	4	0	2	59	54	0.74	
Belmullet	29.88	54	W	1	0	29.69	- .19	56	56	+ 2	SW	4	0	*	58	54	0.76	
Dunghaddie	29.92	58	SW	3	c	29.73	- .19	57	57	+ 1	W	1	t	0	61	52	0.18	
Barrow-in-Furness	29.97	57	SW	3	bc	29.78	- .19	58	58	+ 5	SW	4	t	*	58	52	0.37	
Liverpool (Bidston)	30.00	59	W	1	bc	29.82	- .18	61	57	+ 4	SSW	3	0	2	62	53	0.02	
Holyhead	29.99	56	SSW	4	c	29.80	- .19	56	56	+ 1	SSW	5	m	4	60	54	0.13	
Parsonstown	29.95	59	SW	2	t	29.77	- .18	59	58	+ 1	SW	1	0	*	60	53	0.22	
Valencia	30.00	58	WSW	4	om	29.81	- .19	57	57	- 1	SSW	5	omg	5	60	56	0.80	
Roche's Point	30.00	60	WSW	4	0	29.86	- .14	58	57	0	SW	3	nm	3	65	54	-	
Pembroke	30.00	56	SSW	2	b	29.90	- .10	57	57	+ 2	SW	3	t	3	59	54	0.02	
Scilly	30.09	60	W	2	c	29.99	- .10	60	60	+ 1	WSW	5	of	5	63	56	0.03	
Pewee Point	30.09	59	W	2	c	30.02	- .03	57	57	- 2	SW	3	t	3	62	55	-	
Hurst Castle	30.06	64	W	7	b	30.02	- .04	61	61	- 1	WSW	5	ag	5	70	50	0.06	
Dunneess	30.03	62	WSW	4	bc	30.04	+ .01	57	57	- 5	W	4	0	3	66	55	-	
London	30.01	66	W	2	bc	29.99	- .02	61	58	+ 3	WSW	2	0	*	70	53	-	
Oxford	30.01	60	W	1	b	29.95	- .06	60	57	+ 3	SSW	4	0	*	68	56	-	
Cambridge	29.99	60	W	1	b	29.93	- .06	61	58	+ 3	SW	1	0	*	66	48	-	
Yarmouth	30.00	61	WNW	2	bc	29.96	+ .01	58	54	0	W	2	c	2	63	54	-	
The Helder	29.99	59	W	3	c	29.98	+ .01	62	58	+ 2	SW	3	c	3	62	57	-	
Cape Gris Nez																		
Jersey	30.11	61	WNW	2	b	30.08	- .03	59	58	- 1	N	3	omg	3	63	54	-	
Brest	30.14	60	WNW	3	0	30.10	- .04	59	69	+ 1	W	3	0	2	66	55	-	
Lorient	30.12	66	WNW	4	0	30.13	- .01	57	56	- 1	N	4	0	1	68	52	-	
Rochefort	30.12	67	WNW	5	b	30.01	- .11	61	58	+ 3	NIE	4	b	2	72	52	-	
Biarritz	30.09	63	N	3	t	30.08	- .01	62	60	- 2	W	5	0	2	72	61	0.87	
Corunna	*	*	*	*	*													
Brussels	*	*	*	*	*	20.05	+ .04	61	56	+ 5	SW	1	b	*	66	52	-	
Charleville	30.15	65	WNW	4	b	30.16	+ .01	56	53	- 3	N	1	bc	*	69	?	-	
Paris	30.09	66	S	1	bc	30.10	- .01	61	55	- 6	WNW	1	b	*	64	?	-	
Lyons	29.96	79	N	1	b	30.02	- .06	64	57	- 7	WNW	4	c	*	84	60	-	
Toulon	29.93	71	NW	5	m	29.93	- .03	75	64	+ 11	2	0	c	1	84	66	-	

## EXPLANATION OF COLUMNS

**WEATHER.**—Beaufort Scale is h. 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on Saturday, 18<sup>th</sup> JULY, 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

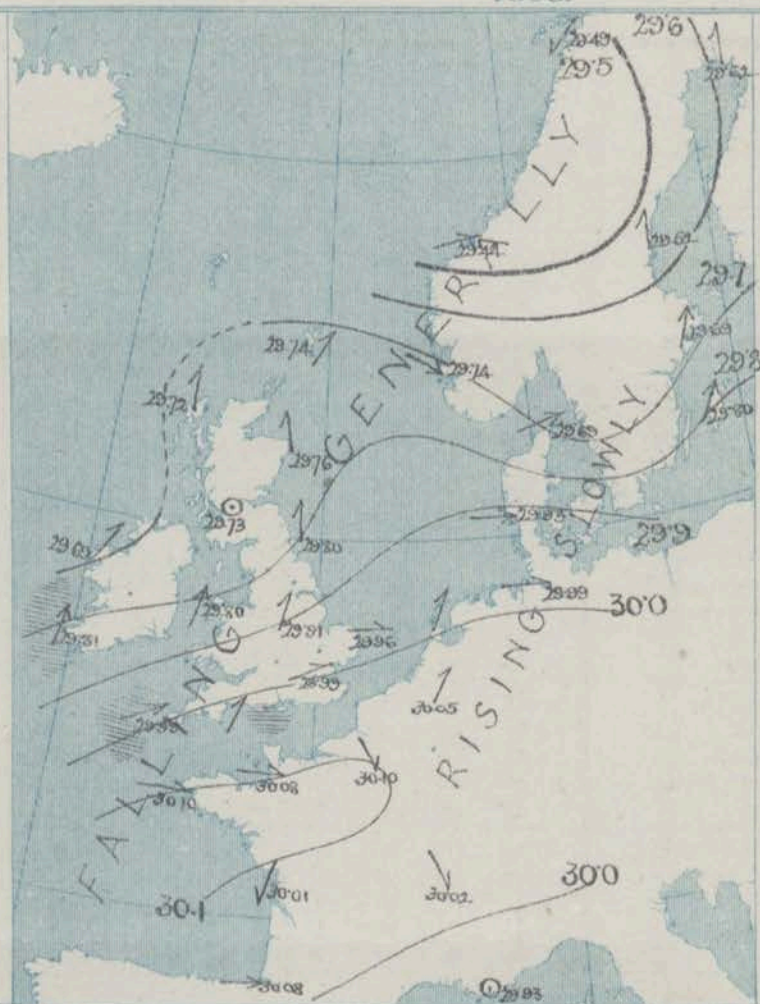
**Sea Disturbance** — where considerable is shown thus

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

for

Saturday 18<sup>th</sup> July 1885. at 8 a.m.

A band of high pressure now extends from the Bay of Biscay to Central Europe, and while a large depression is found over the north of Norway a subsidiary disturbance is apparently advancing towards our northwestern coasts. The barometer is rising a little over the Netherlands and south of Denmark, but falling elsewhere, the change being greatest on our western coasts. The wind is strong from W. on the eastern shores of the North Sea, and moderate or fresh from SW over England and Ireland, but in Scotland the wind is light from the S<sup>th</sup> while in France it is N<sup>th</sup> or NE<sup>th</sup>. The weather is fine at most of the Scotch and Continental stations but cloudy or overcast elsewhere, with rain in Ireland and the north of England and fog at the mouths of the Bristol and English Channels. In the course of the past twenty-four hours rain has fallen at all but our southern stations, the largest amounts being 0.8 in at Belmullet and 0.7 in at Mullaghmore. Temperature has risen a little at all our more northern and eastern stations; readings now range from 61° at Liverpool, Hurst Castle, Cambridge and in London to 52° at Stornoway and Malin Head. The sea is rather rough at Valencia and Lundy, slight or smooth elsewhere.

The depression which is approaching our northwestern coasts will probably move eastwards and occasion rain in most parts of the Kingdom.

## FORECASTS

for the 24 hours ending at NOON on 19<sup>th</sup> July 1885.

(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 { SCOTLAND  
NORTH

Variable or S<sup>ly</sup> breezes; fair to unsettled and some rain.

1 { SCOTLAND  
EAST

-----D°-----D°-----

2 { ENGLAND  
N.E.

SW<sup>ly</sup> winds, moderate; rainy to fair.

3 { ENGLAND  
EAST

Same as N° 5

4 { MIDLAND  
COUNTIES

Same as N° 5

5 { ENGLAND  
SOUTH

SW<sup>ly</sup> winds, moderate or fresh, cloudy, some showers.

6 { SCOTLAND  
WEST

Same as N°s 0 and 1.

7 { ENGLAND  
N.W.

Same as N° 2.

8 { ENGLAND  
S.W.

SW<sup>ly</sup> winds, fresh; cloudy, rain and fog locally.

9 { IRELAND  
NORTH

SW<sup>ly</sup> to W<sup>ly</sup> winds, fresh; rainy to fair

10 { IRELAND  
SOUTH

-----D°-----D°-----

### WARNINGS

None issued.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.64	57	53	NW	4	0	3	Holyhead	30.04	58	52	SSW	4	bc	3
Sumburgh Head	29.76	50	49	WNW	1	1	1	Valencia	30.94	60	59	W	5	omg	5
Stornoway	29.66	55	50	WNW	3	e	3	Scilly	30.10	62	60	W	2	of	4
Aberdeen	29.81	63	56	N	4	bc	1	Dungeness	30.05	64	61	WSW	4	e	3
Shields	29.89	60	56	SW	4	e	1	London	30.04	64	55	W	3	e	*
Ardrossan	29.92	59	53	W	2	0	2	Yarmouth	29.98	62	54	W	4	bc	2
Malin Head	29.95	57	54	W	3	e	2	Jersey	30.13	62	56	mtw	3	e	3
Mullaghmore	29.97	57	53	NW	3	OV	2	Rochefort	30.16	69	61	NW	5	e	2
Belmullet	29.92	54	54	ESE	2	0	*								

## REMARKS.

The barometer is falling a little in the west and southwest and the wind at Belmullet has shifted to the SE<sup>d</sup>. At our northern and eastern stations, however, the mercury still rises, and in Scotland the wind has veered to the N<sup>4</sup>. Rain is falling at Sumburgh Hd. and dull weather is reported at Belmullet, Valencia, and Scilly, but elsewhere conditions are fair. The sea is rather rough at Valencia.



# DAILY WEATHER REPORT

for Sunday — 19<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

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.		
Haparauda .....	29.73	58	SW	3	b	29.74	+ .12	59	56	— 9	SW	4	b	*	68	57	—	
Hernösand .....	29.64	58	S	2	b	29.80	+ .28	59	54	— 4	NNE	2	b	*	66	57	—	
Stockholm .....	29.86	58	SW	2	b	29.95	+ .16	66	59	+ 3	SSW	2	o	*	68	54	—	
Wisby .....	29.86	60	W	4	bc	29.96	+ .16	63	58	+ 1	W	4	b	*	70	55	—	
Bodö .....	29.31	54	SSE	4	r	29.43	— .06	51	50	— 11	SW	6	b	4	63	50	0.95	
Christiansund .....	29.66	50	WSW	7	c	29.64	+ .20	51	47	— 3	SSE	1	o	4	52	46	0.16	
† Skudesnaes .....	29.77	55	SE	2	o	29.49	— .35	57	56	+ 4	S	6	r	4	63	50	—	
Oxö (Xtiansund) .....	29.84	56	WSW	2	o	29.65	— .03	58	57	+ 3	SSW	6	r	4	59	54	0.63	
Skagen (The Skaw) .....	29.86	57	SSW	2	o	29.76	+ .07	60	57	+ 3	SSW	4	r	2	73	57	0.08	
Fanö .....	29.87	62	S	6	c	29.51	— .12	62	61	— 1	S	6	r	*	66	?	—	
Cuxhaven .....	29.99	63	SSW	2	b	29.91	— .08	65	62	— 0	SSW	3	b	*	68	62	—	
† Sumburgh Head .....	29.69	51	ENE	2	o	29.59	— .15	50	48	— 3	W	3	a	2	57	46	0.05	
† Stornoway .....	29.69	52	NNW	2	om	29.71	— .01	51	49	— 1	W	2	a	1	54	42	0.02	
Wick .....	29.65	53	S	1	o	29.68	— .08	52	49	— 1	NN	2	c	1	59	43	—	
Nairn .....	29.63	55	W	1	bc	29.70	— .06	54	49	— 1	SW	1	b	1	59	45	—	
† Aberdeen .....	29.63	53	SSE	1	r	29.70	— .06	55	50	— 2	NW	4	b	1	60	48	0.07	
Leith .....	29.62	55	E	1	r	29.70	— .05	57	52	+ 4	WNW	1	bc	*	57	50	0.28	
† Shields .....	29.64	60	SW	2	o	29.71	— .09	56	55	+ 5	NNE	1	om	1	62	50	0.25	
Spurn Head .....	29.74	64	SW	4	c	29.74	— .13	63	62	+ 4	SW	4	c	2	67	58	0.02	
York .....	29.74	67	SW	4	o	29.75	— .10	63	60	+ 7	WSW	1	o	*	67	55	0.01	
Loughborough .....	29.79	65	SW	5	o	29.79	— .12	66	61	+ 6	WSW	5	c	*	71	59	0.03	
† Ardrossan .....	29.61	58	NE	1	om	29.78	+ .05	55	51	+ 1	WNW	3	bc	2	60	49	0.15	
Malin Head .....	29.60	50	NNE	3	o	29.82	+ .12	53	51	+ 1	N	2	bc	2	55	49	0.02	
† Mullaghmore .....	29.65	59	WNW	3	c	29.79	+ .08	54	50	— 3	E	2	o	1	61	52	0.04	
Belmullet .....	29.64	57	NW	2	o	29.75	+ .06	54	51	— 2	E	2	o	*	60	49	0.06	
Donaghadee .....	29.63	54	NNW	1	r	29.78	+ .05	53	51	— 4	N	3	bc	1	64	49	0.48	
Barrow-in-Furness .....	29.65	59	SW	5	r	29.73	— .05	55	54	— 3	NN	2	c	*	59	54	0.04	
Liverpool (Bidston) .....	29.70	61	SW	3	o	29.77	— .05	56	56	— 5	WNW	1	r	2	65	56	0.25	
† Holyhead .....	29.70	57	SSW	5	r	29.80	0.00	55	53	— 1	N	3	c	3	58	53	0.24	
Parsonstown .....	29.68	63	SW	2	o	29.79	+ .02	56	55	— 3	Z	0	o	*	66	54	0.11	
† Valencia .....	29.74	59	WSW	4	om	29.81	0.00	57	57	0	WSW	3	om	3	61	55	0.28	
Roche's Point .....	29.75	60	WSW	5	o	29.79	— .07	57	56	0	WSW	2	r	3	62	55	0.02	
Pembroke .....	29.78	58	SSW	5	o	29.82	— .08	57	56	0	WSW	4	of	3	58	55	0.27	
† Scilly .....	29.91	62	WSW	5	o	29.89	— .10	59	59	— 1	W	4	f	5	63	58	0.03	
Prawle Point .....	29.95	58	SW	3	f	29.90	— .12	58	58	+ 1	SW	3	f	4	59	56	0.0	
Hurst Castle .....	29.94	62	WSW	8	opdm	29.90	— .12	60	60	— 1	WSW	7	opm	6	65	57	0.04	
† Dungeness .....	29.96	63	W	5	c	29.93	— .11	60	59	+ 3	W	5	c	4	64	57	—	
London .....	29.85	62	SW	3	c	29.87	— .12	64	60	+ 3	SW	4	o	*	70	60	—	
Oxford .....	29.85	62	SSW	4	c	29.83	— .12	63	61	+ 3	SW	3	od	*	71	60	0.01	
Cambridge .....	29.84	63	SW	1	r	29.88	— .10	65	62	+ 4	SW	3	o	*	74	60	—	
† Yarmouth .....	29.84	70	SW	2	bc	29.81	— .15	64	60	+ 6	SW	4	c	3	71	56	0.02	
The Helder .....	29.89	62	SW	4	b	29.86	— .12	62	60	0	SW	4	o	3	68	61	—	
Cape Gris Nez .....	29.96	61	SW	7	b	29.91	— .09	60	59	—	WSW	8	c	6	66	57	—	
† Jersey .....	30.03	63	SW	3	bc	29.99	— .09	60	59	+ 1	SW	5	admu	4	68	58	0.02	
Brest .....	30.05	61	WSW	4	o	30.01	— .09	59	58	0	WSW	5	o	4	63	57	—	
Lorient .....	30.10	64	W	4	b	30.09	— .04	61	59	+ 4	N	5	m	2	70	52	—	
† Rochefort .....	30.10	67	WNW	7	b	30.15	+ .14	63	60	+ 2	NN	4	b	2	73	55	—	
Biarritz .....	30.09	65	NNW	5	o	30.11	+ .08	64	62	+ 2	E	3	o	1	72	61	—	
Corunna .....	*	*	*	*	*	30.16	*	68	65	*	ENE	1	b	1	68	50	—	
Brussels .....	*	*	*	*	*	29.97	— .08	65	60	+ 4	SW	4	b	*	75	58	—	
Charleville .....	30.10	72	NW	1	b	30.04	— .12	60	57	+ 4	NN	1	b	*	72	50	—	
Paris .....	30.03	73	NN	4	b	30.07	— .03	68	61	+ 7	NN	1	b	*	*	*	—	
Lyons .....	30.00	69	WNW	1	o	20.08	+ .01	66	60	+ 2	NNW	1	b	*	74	60	—	
Touton .....	29.97	75	NW	4	o	29.94	+ .01	73	61	— 2	E	1	o	2	84	66	—	

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on Sunday, 19<sup>th</sup> JULY, 1885

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

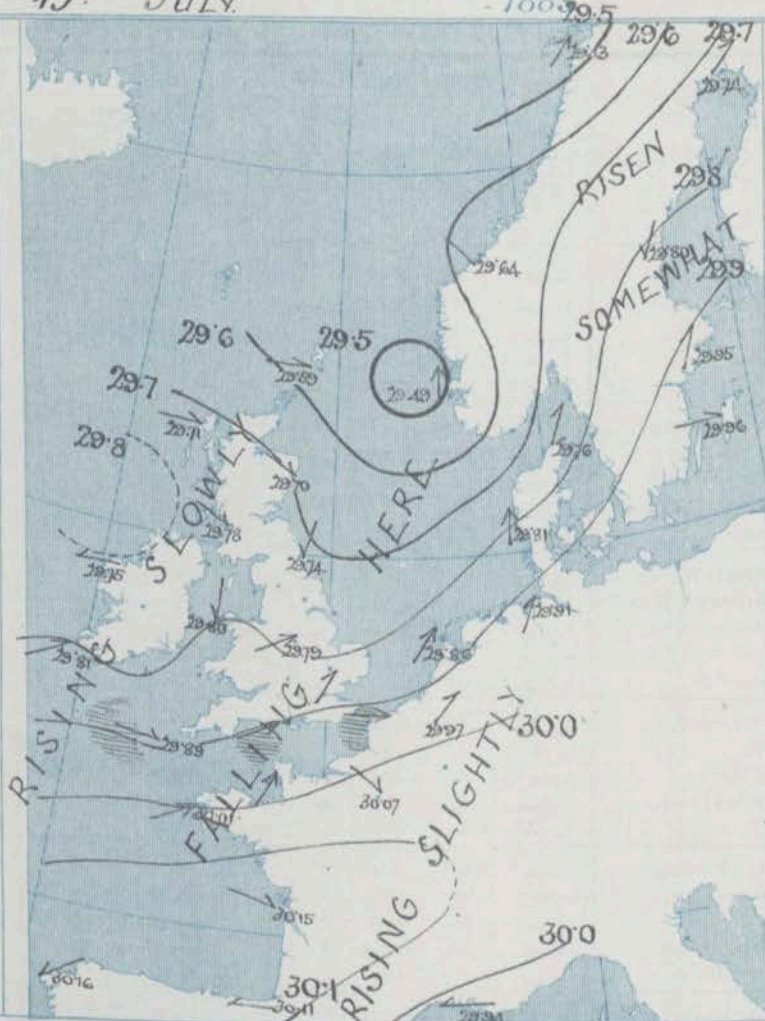
▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** is shown by letters of the Beaufort Scale.

**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 IN SHADE. AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 9 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	40.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	68.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





for Sunday 19<sup>th</sup> July 1885, at 8 a.m.

Pressure is highest over the Bay of Biscay and France, and (on the whole) lowest to the northward of our Islands, but the irregularities in its distribution over our Islands and their neighbourhoods are numerous. A well formed depression lies close to Shetland, and there is apparently another off the west of Ireland, while smaller and very shallow extratropical disturbances are observed over England and Ireland. Thus, while fresh W<sup>3</sup> and SW<sup>3</sup> winds are blowing at almost southern and central stations, light NW<sup>3</sup> breezes are felt in Scotland, N<sup>3</sup> over the Irish Sea, and an E<sup>3</sup> breeze at Belmullet. Temperature varies from 65° at Cambridge to about 58° on our south-west coasts, and to about 50° in the Shetlands and Hebrides. Rain has fallen except in the south-east, and although the weather has since cleared in Scotland it is very cloudy elsewhere, and showery in several places. A good deal of fog is reported about the mouth of the Channel. The sea is rather rough in the Channel, slight or smooth elsewhere.

The numerous depressions reported are likely to produce very showery weather today.

for the 24 hours ending at NOON on 20<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

*Frederick Dangerfield, Lith., London, (131.)*



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.82	59	52	W	2	0	3	Holyhead	29.76	57	57	SSW	5	ry	4
Sumburgh Head	29.72	54	50	NNW	2	c	1	Valencia	29.74	60	60	SW	6	omg	6
Stornoway	29.71	52	49	NNW	3	0	2	Scilly	29.95	63	61	SW	5	0	5
Aberdeen	29.70	57	54	SSE	2	0	1	Dungeness	30.01	64	61	WSW	5	c	4
Shields	29.69	59	59	SW	2	r	1	London	29.94	68	61	WSW	3	c	*
Ardrossan	29.65	57	56	NE	1	r	1	Yarmouth	29.89	66	62	SE	3	cm	2
Malin Head	29.59	52	52	NE	4	f	3	Jersey	30.06	65	59	WSW	2	bc	2
Mullaghmore	29.65	58	57	NW	2	om	2	Rocheport	30.12	69	63	WNW	4	b	2
Belmullet	29.63	59	58	SW	2	c	*								

## REMARKS.

The barometer continues to fall in all parts of our Islands, but at Rocheport it is reported to be rising. The wind has veered to NNW. in the Shetlands, but elsewhere it is little changed. Cloudy weather prevails in most places and rain is falling at Stornoway, Shields and Holyhead. The sea is rough at Valencia, rather rough at Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Monday* *20<sup>th</sup>* *July* *1885.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

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 8 a.m. 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	29.52	59	SW	6	o		29.77	+ .03	57	56	- 2	S	8	r	*		64	57	0.08
Hernösand	29.69	58	S	6	o		29.77	- .03	64	54	+ 5	S	2	b	*		7	50	-
Stockholm	29.87	61	SSW	6	b		29.89	- .06	71	65	+ 5	S	2	bc	*		73	50	-
Wisby	29.93	60	WSW	4	bc		29.90	- .06	71	63	+ 8	SW	4	b	*		73	55	-
Bodö	29.48	52	L	0	o		29.59	+ .16	50	50	- 1	SW	4	c	3		55	46	0.20
Christiansund	29.65	50	W	3	bc		29.76	+ .14	50	46	- 1	SW	4	o	4		54	46	0.04
Skudesnaes	29.77	?	W	2	c		29.76	+ .27	55	51	- 2	W	2	c	3		52	?	-
Oxö (Xtiansund)	29.79	63	SW	4	o		29.80	+ .15	53	52	- 5	L	0	r	3		52	52	0.28
Skagen (The Skaw)	29.79	58	W	3	c		29.76	- .03	55	55	- 5	E	2	r	1		63	54	0.32
Faro	29.87	61	SSW	4	o		29.78	- .03	62	61	- 0	WSW	6	r	*		64	61	0.04
Cuxhaven	29.95	63	WNW	2	b		29.92	+ .01	66	65	+ 1	SW	4	c	*		71	61	-
Sumburgh Head	29.68	62	W	3	c		29.83	+ .14	53	50	+ 3	NE	1	c	0		56	43	-
Stornoway	29.75	54	WNW	3	c		29.88	+ .17	53	49	+ 2	WSW	1	c	0		58	45	-
Wick	29.75	53	NW	1	bc		29.87	+ .19	54	52	+ 2	NW	1	c	0		61	43	-
Nairn	29.74	58	SE	1	c		29.87	+ .17	54	51	- 0	SW	1	o	1		63	43	-
Aberdeen	29.76	55	S	2	o		29.87	+ .17	55	52	- 0	SE	2	o	1		62	51	-
Leith	29.73	57	SE	1	m		29.85	+ .15	54	53	- 3	E	1	o	*		62	52	0.01
Shields	29.76	57	NE	2	o		29.82	+ .11	54	54	- 2	N	2	r	2		60	53	0.12
Spurn Head	29.76	64	WNW	2	c		29.77	+ .03	61	60	- 2	WNW	3	c	2		68	57	0.14
York	29.77	64	W	1	c		29.80	+ .05	58	56	- 5	NNW	1	m	*		70	54	0.48
Loughborough	29.80	65	WSW	4	o		29.81	+ .02	62	61	- 4	WSW	4	ogd	*		41	29	0.04
Ardrossan	29.75	55	SSW	1	o		29.85	+ .07	58	54	+ 3	WNW	1	b	0		59	47	0.01
Malin Head	29.74	52	E	4	r		29.88	+ .16	54	51	+ 1	NNE	4	b	2		57	50	0.02
Mullaghmore	29.67	54	E	5	r		29.90	+ .11	56	52	+ 2	ENE	1	b	1		60	52	0.46
Belmullet	29.61	55	E	2	o		29.89	+ .14	56	54	+ 2	NE	2	b	*		56	50	0.40
Donaghadee	29.77	51	SSE	1	r		29.87	+ .09	55	53	+ 2	N	4	b	2		58	49	0.48
Barrow-in-Furness	29.78	56	NE	1	o		29.74	+ .01	55	55	- 0	NE	2	m	*		58	52	0.68
Liverpool (Bidston)	29.78	58	WNW	1	o		29.80	+ .03	58	57	+ 2	W	3	o	2		62	56	0.51
Holyhead	29.79	56	SSW	4	r		29.86	+ .06	55	55	- 0	N	4	m	3		58	54	0.64
Parsonstown	29.62	58	SSE	1	r		29.90	+ .11	53	53	- 3	NW	1	r	*		63	52	0.61
Valencia	29.70	60	WSW	6	o		29.94	+ .03	58	58	+ 1	WSW	4	omg	4		61	55	0.08
Roche's Point	29.78	58	SW	5	r		29.88	+ .09	62	58	+ 4	WNW	4	bc	4		62	54	0.10
Pembroke	29.87	58	SW	5	r		29.86	+ .04	57	57	- 0	SW	5	df	4		60	56	0.16
Scilly	29.91	62	WSW	4	o		30.00	+ .11	60	60	+ 1	WSW	5	af	5		64	58	0.07
Prawle Point	29.93	58	SW	3	f		29.98	+ .08	58	55	- 0	WSW	3	f	4		60	57	0.15
Hurst Castle	29.92	61	WSW	7	o		29.93	+ .03	61	61	+ 1	WSW	7	o	6		65	54	0.12
Dungeness	29.94	61	WSW	5	o		29.93	- .01	60	59	- 0	WSW	5	r	4		65	59	0.08
London	29.87	65	SW	3	cy		29.89	+ .02	65	62	+ 1	SW	3	o	*		70	60	0.01
Oxford	29.86	62	WSW	4	or		29.86	+ .03	64	61	+ 1	WSW	4	o	*		70	60	0.11
Cambridge	29.86	63	SW	2	a		29.84	+ .01	65	62	- 0	SW	4	o	*		69	59	-
Yarmouth	29.82	66	SW	1	o		29.81	- .01	64	62	- 0	WSW	2	og	2		72	60	0.11
The Helder	29.87	63	SW	4	o		29.84	- .02	62	60	- 0	SW	5	o	4		66	61	-
Cape Gris Nez	29.93	61	WSW	7	o		29.91	- .01	63	61	+ 3	SW	7	r	5		66	59	-
Jersey	30.00	61	W	3	o		30.04	+ .05	62	61	+ 2	WSW	4	og	4		64	59	0.01
Brest	30.04	60	WSW	5	f		30.10	+ .09	59	59	- 0	WSW	4	o	4		63	59	-
Lorient	30.10	64	W	5	c		30.14	+ .05	63	62	+ 2	WSW	5	m	3		70	57	-
Rochefort	30.15	67	WNW	5	b		30.21	+ .06	63	61	- 0	N	4	o	2		70	55	-
Biarritz	30.10	68	N	4	b		30.13	- .02	67	63	+ 3	E	1	b	0		72	63	-
Corunna	*	*	*	*	*		*	*	*	*	*	*	*	*	*		*	*	*
Brussels	*	*	*	*	*		29.98	+ .01	65	63	+ 3	SW	4	o	*		75	62	-
Charleville	29.92	76	W	3	b		30.04	?	61	59	+ 1	W	1	c	*		50	58	-
Paris	30.02	77	W	1	bc		30.12	+ .05	65	62	- 3	S	3	bc	*		*	*	-
Lyons	29.99	80	N	3	b		30.11	- .01	69	62	- 1	N	1	b	*		82	62	-
Toulon	29.96	77	L	0	m		30.01	+ .07	77	67	+ 4	L	0	b	2		86	70	-

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

† In some parts of London the rainfall was much heavier.

Printed by the Meteorological Office, 116, Victoria Street, London.





for 8 a.m. on Monday, 20<sup>th</sup> JULY

(Explanation of Map)

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

$\rightleftharpoons$  = forces above  $W_i$   $\longleftrightarrow$  = forces  $B$  to  $W_i$   
 $\rightarrow$  = forces  $S$  to  $T_i$   $\rightarrow$  = forces  $1$  to  $4_i$   
 $\odot$  = dead calm.

 = Rough,  = High

at 8 a.m. for the month of July  
During the 10 Years 1871-1880.

20<sup>th</sup> JULY 1885

29.7

29.6

29.8

29.9

30.0

30.1

30.2

30.4

GENERALLY

Weather is shown by letters of the Beaufort Scale.  
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.3 in. or more, are quoted in figures.

for the month of July.

A hand-drawn map of the British Isles with handwritten annotations. The map shows latitude and longitude lines. Handwritten text includes "SOMEWHAT COLDER" in the west, "A LITTLE COLDER" in the north, "RAIN" in the southwest, and "RATHER WARMER" in the northeast. Numerous small circles with numbers are scattered across the map, particularly in the central and southern regions.

NOTE - The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 15 years 1866-80.



# REMARKS.

for

Monday 20<sup>th</sup> July 1885, at 8 a.m.

The weather over the United Kingdom (and especially over England and Ireland) remains in a showery unsettled condition generally.

Barometric pressure is still highest over the Bay of Biscay and France and lowest over the northern parts of Scandinavia — the gradients being moderate over our southern Counties and the Channel, but slight and irregular in the north. Several small shallow disturbances are found over the British Islands and North Sea. Temperature varies greatly in different localities. In London it is now 65° and at Loughborough 62°, but at Plover Point it is only 58°, at Louth 54°, and at Lumburg Head and Stormoway 53°. The maximum readings recorded on Sunday were 72° at Yarmouth, 71° at Loughborough, and 70° at York, Oxford and in London. The wind is very variable; at our southern stations it is fresh to strong from between W. and SW., but over the Irish Sea and north of Ireland it is NW and in Scotland extremely light and variable. Considerable falls of rain have occurred at our eastern stations and smaller amounts in other localities; in Scotland and the north of Ireland, however, the weather is now fine, but elsewhere it is cloudy and unsettled, with rain in some places. The sea is rather rough in the Channel, slight at Holyhead.

The local depressions over Ireland and England are likely to produce more rain (especially over England) and local thunderstorms.

## FORECASTS 21<sup>st</sup> July 1885.

for the 24 hours ending at NOON on

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Light variable N <sup>ly</sup> breezes; cloudy to clear.	6 { SCOTLAND WEST	Same as N <sup>os</sup> 0 and 1.
1 { SCOTLAND EAST	D <sup>o</sup> D <sup>o</sup>	7 { ENGLAND N.W.	Variable N <sup>ly</sup> breezes; some showers.
2 { ENGLAND N.E.	Same as N <sup>o</sup> 5.	8 { ENGLAND S.W.	SW <sup>ly</sup> breezes, fresh; showery.
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	Same as N <sup>o</sup> 7.
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 { IRELAND SOUTH	W <sup>ly</sup> breezes, fresh; rain at times.
5 { ENGLAND SOUTH	Varying SW <sup>ly</sup> breezes; cloudy, heavy local showers, thunder in places.		None issued.
		WARNINGS	



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.68	57	54	WSW	4	0	3	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort	30.15	72	64	NW	4
Belmullet							*					6	2

## REMARKS.

### SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS

#### AND THEIR NEIGHBOURHOOD

FROM THE 12<sup>TH</sup> JULY TO THE 18<sup>TH</sup> JULY 1885

In the course of this week the tendency for showery weather over our Islands has increased steadily, and although the amounts of rainfall reported over our southern counties have not (as a rule) been large, there have been locally some very heavy falls — notably that which occurred in some parts of London during the thunderstorm of Monday (15<sup>th</sup>).

During the earlier part of the week pressure was highest over the Bay of Biscay and south of our Islands and lowest to the northward of our Islands, but after Tuesday the high pressure area extended eastwards over France, and while some well-marked depressions appeared over our northern districts, small subsidiary disturbances increased elsewhere, and showers of rain fell very generally at all but our southeastern stations. Even in that part some very heavy but local thunder showers were reported, but they were not nearly so numerous as those noticed over the more northern and western parts of the Kingdom. Thick fog appeared off our southwestern coasts on Saturday. Temperature has decreased slowly, the maxima recorded over England having been nearly all below 75°.



# DAILY WEATHER REPORT

for Tuesday 21<sup>st</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

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.			
			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																		
Hernösand	29.64	56	ENE	2	r	29.70	- .07	55	50	- 9	N	6	c	*	66	52	0.43	
Stockholm	29.72	64	S	2	o	29.80	- .09	59	55	- 12	W	2	o	*	75	59	0.08	
Wisby	29.89	68	S	6	o	29.83	- .07	59	54	- 12	NW	6	bc	*	82	57	0.04	
Bodö	29.71	50	WSW	6	bc	29.71	+ .12	49	48	- 1	SW	2	o	2	54	45	0.04	
Christiansund	29.83	49	W	5	f	29.96	+ .13	46	45	- 4	WNW	6	r	4	55	45	0.20	
+Skudesnaes	29.92	53	NW	8	c	30.12	+ .20	52	49	- 3	NW	8	r	4	59	?	-	
(X)ö (Xtiansund).	29.82	59	W	4	b	29.99	+ .17	56	49	+ 3	WNW	6	b	3	61	50	0.16	
Skagen (The Skaw)	29.81	54	W	2	b	29.91	+ .10	58	53	+ 3	NNW	5	b	4	61	54	0.28	
Fanö	29.97	55	NW	4	c	30.11	+ .14	58	52	- 4	NW	6	c	*	64	52	0.16	
Cuxhaven	29.93	59	W	4	bc	30.12	+ .19	61	57	- 5	NNW	5	c	*	68	55	0.04	
+Sumburgh Head	29.98	53	NNW	3	b	30.27	+ .29	51	47	- 2	NNW	3	o	1	56	45	-	
+Stornoway	30.07	57	NNE	3	b	30.31	+ .24	56	53	+ 3	E	3	b	1	60	42	0.01	
Wick	30.05	56	S	1	b	30.34	+ .29	52	48	- 2	N	1	bc	0	58	38	-	
Nairn	30.04	57	ESE	1	bc	30.32	+ .28	56	50	+ 2	ENE	1	bc	1	63	48	-	
+Aberdeen	30.02	56	ESE	2	c	30.33	+ .31	57	52	+ 2	N	3	b	1	62	43	0.10	
Leith	29.97	57	E	1	bc	30.32	+ .29	54	52	0	E	1	c	*	63	51	-	
+Shields	30.02	58	E	2	c	30.31	+ .28	57	55	+ 3	NE	1	c	2	59	52	0.04	
Spurn Head	30.00	58	NE	3	c	30.26	+ .26	57	56	- 4	E	3	c	2	61	54	-	
York	30.02	61	NE	1	o	30.29	+ .27	58	56	0	E	1	m	*	64	55	-	
Loughborough	30.02	66	NNE	3	o	30.26	+ .24	60	59	- 2	Z	0	ogm	*	70	56	-	
+Ardrossan	30.00	60	WNW	3	o	30.25	+ .23	59	54	+ 1	ENE	4	b	2	65	49	0.01	
Malin Head	30.00	53	NNE	4	c	30.26	+ .24	55	54	+ 1	ESE	5	b	3	58	51	-	
+Mullaghmore	30.01	61	NE	2	o	30.23	+ .21	56	53	0	E	4	o	3	62	55	-	
Belmullet	30.03	56	NE	3	o	30.21	+ .19	59	58	+ 3	SE	1	o	*	62	54	0.03	
Donaghadee	30.06	55	N	3	o	30.29	+ .23	57	55	+ 2	NE	3	b	2	61	52	-	
Barrow-in-Furness	30.02	60	NW	2	b	30.25	+ .23	59	57	+ 4	N	2	b	*	65	55	-	
Liverpool (Bidston)	30.03	62	WNW	2	b	30.26	+ .24	63	56	+ 5	WNW	1	c	2	66	55	-	
+Holyhead	30.06	59	SSW	2	c	30.26	+ .24	61	58	+ 6	ENE	2	bc	2	61	54	-	
Parsonstown	30.04	61	Z	0	r	30.25	+ .23	61	60	+ 5	Z	0	o	*	64	52	0.05	
+Valencia	30.07	60	WSW	4	omd	30.27	+ .25	59	59	+ 1	WSW	2	om	2	62	57	0.14	
Roche's Point	30.06	59	WSW	3	o	30.26	+ .24	61	59	- 1	S	1	c	2	66	55	-	
Pembroke	30.08	58	WSW	3	c	30.24	+ .22	57	57	0	WSW	3	fd	3	62	56	0.10	
+Seilly	30.13	61	W	3	f	30.28	+ .26	61	61	+ 1	WSW	2	f	3	64	56	0.01	
Prawle Point	30.15	60	W	3	f	30.29	+ .27	60	60	+ 2	W	1	f	3	64	56	0.02	
Hurst Castle	30.06	63	WSW	5	c	30.27	+ .25	63	63	+ 2	Z	0	om	2	66	55	-	
+Dungeness	30.00	63	W	5	c	30.23	+ .21	60	60	0	NE	1	m	1	65	57	-	
+London	30.03	70	W	3	bc	30.27	+ .25	61	60	- 4	Z	0	ogf	*	74	58	-	
Oxford	30.07	64	WSW	3	c	30.26	+ .24	63	59	- 1	WSW	1	c	*	70	55	-	
Cambridge	30.03	65	NE	1	o	30.29	+ .27	60	59	- 5	NE	1	o	*	71	51	-	
+Yarmouth	29.98	62	NE	3	bc	30.25	+ .23	59	57	- 5	NE	3	c	2	67	57	0.03	
The Helder	29.99	61	NNW	1	o	30.24	+ .22	60	55	- 2	N	1	bc	1	66	59	0.08	
Cape Gris Nez	30.00	60	WSW	7	f	30.22	+ .20	60	60	- 3	NNE	3	f	2	63	57	0.16	
+Jersey	30.15	61	WNW	4	f	30.29	+ .27	60	60	- 2	WNW	2	f	2	66	56	0.01	
Brest	30.20	62	NW	3	m	30.30	+ .28	62	64	+ 3	NW	1	o	1	63	59	-	
Lorient	30.22	66	W	4	o	30.31	+ .29	66	61	+ 3	NNE	5	o	2	70	59	-	
+Rochefort	30.23	65	WNW	5	b	30.30	+ .28	66	63	+ 3	NNE	4	b	2	72	57	-	
Biarritz	30.16	68	N	4	b	30.31	+ .29	68	65	+ 1	S	1	b	0	72	63	-	
Corunna	*	*	*	*	*	30.23	+ .21	64	61	- 4	NW	1	c	*	71	61	0.08	
Brussels	*	*	*	*	*	30.23	+ .25	64	61	- 4	NW	1	c	*	71	61	0.08	
Charleville	29.92	72	W	3	o	30.22	+ .18	66	61	+ 3	NW	4	c	*	80	54	-	
Paris	30.17	75	WSW	3	o	30.31	+ .19	66	62	+ 1	W	4	b	*	*	*	-	
Lyons	30.09	81	NNW	3	b	30.21	+ .10	71	63	+ 2	NNW	5	b	*	84	67	-	
Toulon	30.05	79	W	3	b	30.08	+ .07	71	66	- 6	E	3	m	*	88	70	-	

## EXPLANATION OF COLUMNS.

WEATHER.—Bourne 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER CHARTS

for 8 a.m. on Tuesday 21<sup>st</sup> JULY 1885

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

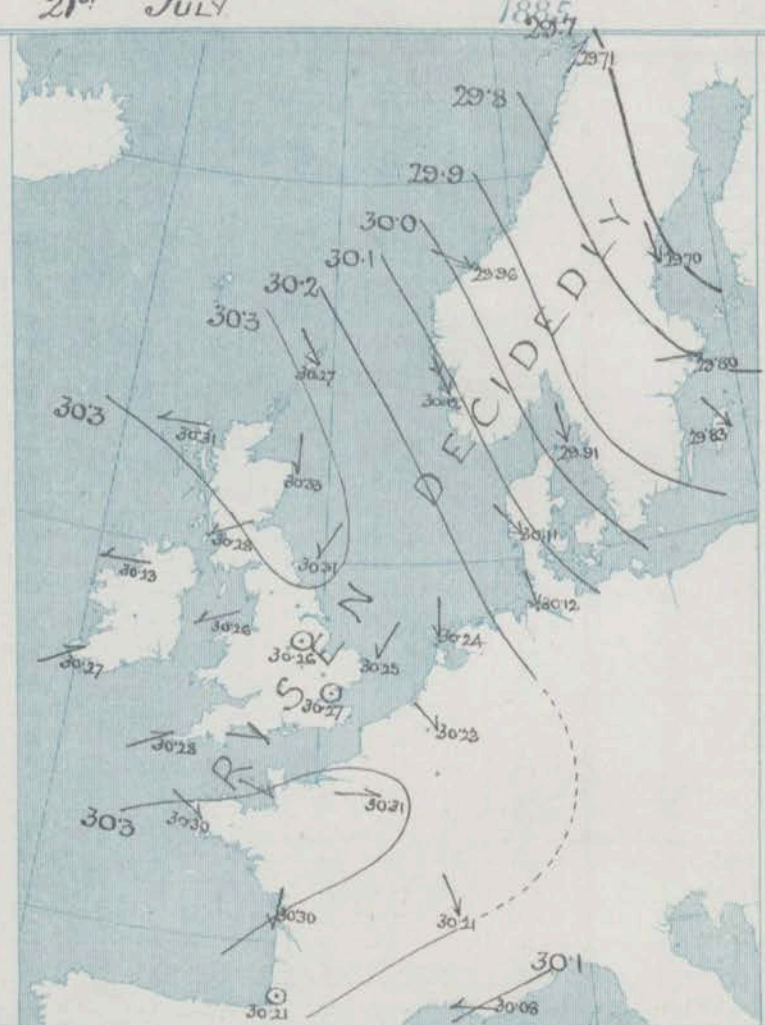
**Sea Disturbance** — where considerable is shown thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	<i>in.</i>
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.873
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roehe's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.991
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by Letters of the Beaufort Scale.

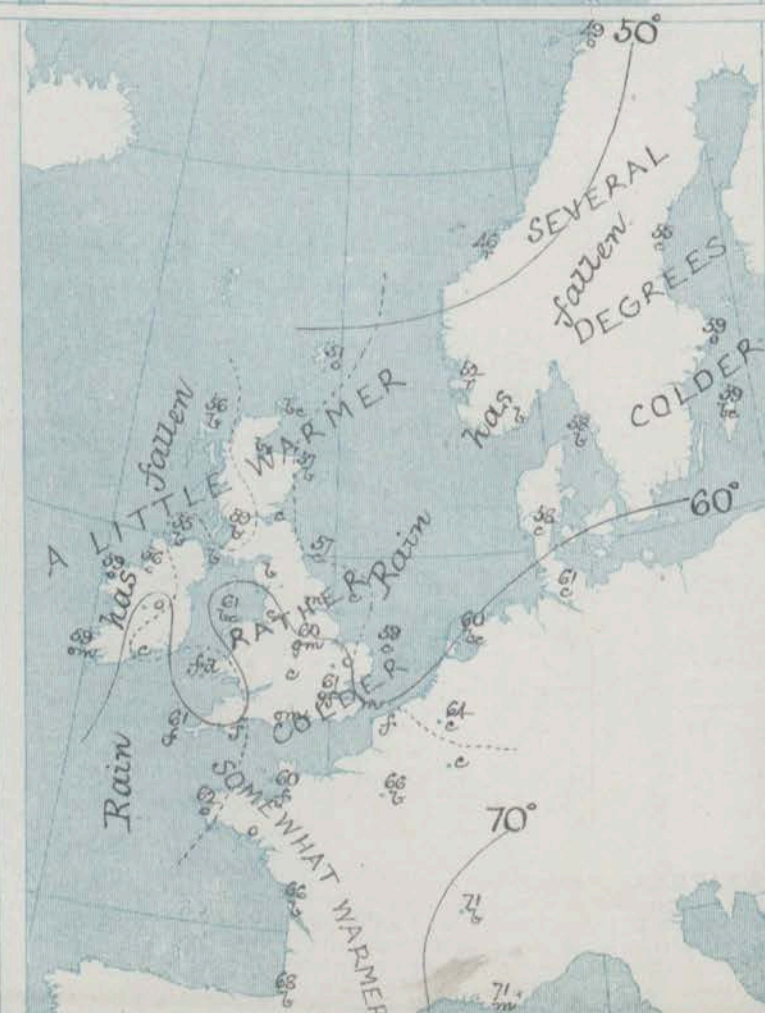
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July.

STATIONS.	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Phields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roehe's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for

Tuesday 21<sup>st</sup> July

1885. at 8 a.m.

In the course of the past twentyfour hours the barometer has risen decidedly over the whole of our Islands and their neighbourhood, and readings are now somewhat high (30.3 ins and upwards) both at the Scotch stations and in the north of France. The depressions noticed yesterday have travelled away to the eastward, but a new low-pressure area appears to be lying off the west of Ireland. Temperature has decreased over the eastern and southern parts of England, but risen a little over Scotland and Ireland. The wind is very variable. It is now light from the N<sup>d</sup> on our northern coasts, and from E at our eastern and northwestern stations; in the Channel calms prevail, while on our southwestern coasts there is a light breeze from SW. Showers of rain fell yesterday in several parts of our Islands. The sky is now clear in the north and northwest, overcast elsewhere, and foggy over the south of England. The sea is smooth or nearly so on all coasts.

Although the barometer is not yet falling in the west, the present distribution of pressure is not favourable for any long continuance of fine weather.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S., reports that icebergs were passed on the 15<sup>th</sup> inst. in Long: 47° and 53° W. and on the 16<sup>th</sup> in Long: 40° W. A derelict vessel was passed on the 13<sup>th</sup> in Long: 33° W.

## FORECASTS

for the 24 hours ending at NOON on

22<sup>nd</sup> July 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	NE <sup>ly</sup> to SE <sup>ly</sup> airs; fine generally, some fog or haze.	6 { SCOTLAND WEST	SE <sup>ly</sup> breezes, light; fair generally.
1 { SCOTLAND EAST	----- D° ----- D°	7 { ENGLAND N.W.	----- D° ----- D°
2 { ENGLAND N.E.	----- D° ----- D°	8 { ENGLAND S.W.	Same as N° 5.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	Varying S <sup>ly</sup> breezes; cloudy, some showers.
4 { MIDLAND COUNTIES	Calms and variable airs; fair but hazy, then brighter.	10 { IRELAND SOUTH	----- D° ----- D°
5 { ENGLAND SOUTH	W <sup>ly</sup> and SW <sup>ly</sup> airs; foggy to fine.	WARNINGS	None issued



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

YESTERDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wes.	Sea.		Bar.	Dry.	Wet.	Wind.		Wes.	Sea.
Skudesnaes	29.84	59	53	WNW	6	bc	3	Holyhead	29.99	59	57	NW	2	bc	2
Sumburgh Head	29.93	54	50	NNW	2	c	1	Valencia	30.02	61	61	WSW	4	om	4
Stornoway	30.00	56	51	NE	1	c	0	Scilly	30.09	64	63	W	4	af	5
Aberdeen	29.97	54	53	SE	1	r	1	Dungeness	29.97	62	61	W	5	c	4
Shields	29.96	58	56	N	2	o	2	London	29.94	72	64	SW	3	o	*
Ardrossan	29.95	65	54	WNW	1	c	1	Yarmouth	29.88	65	64	WSW	2	p	1
Malin Head	29.99	55	52	N	3	b	2	Jersey	30.11	63	62	W	4	c	4
Mullaghmore	29.96	61	56	NNW	2	cy	2	Rocheport	30.25	70	64	WNW	4	c	2
Behmullet	29.95	60	57	NE	2	o	*								

## REMARKS.

The barometer has risen generally since the morning, but the irregularities in the distribution of pressure over our Islands are still considerable, and a continuation of the showy weather is probable. The sea is rather rough in the Channel, slight or smooth elsewhere.



# DAILY WEATHER REPORT

for Wednesday 22<sup>nd</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, W. H. SCOTT, Secretary.																			
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	29.69	54	W	2	o	29.84		56	49			NW	2	b	*	64	52	0.08	
Hernösand	29.95	54	NW	4	b	30.06	+ .36	54	46	—	1	NW	6	b	*	68	50	—	
Stockholm	29.97	56	N	2	b	30.13	+ .33	53	46	—	6	N	4	b	*	63	55	—	
Wisby	29.93	58	NNE	4	bc	30.06	+ .23	57	50	—	2	NNE	6	b	*	66	55	—	
Bodö	29.86	47	W	5	r	29.98	+ .27	46	45	—	3	WSW	6	r	+	52	43	0.32	
Christiansund	30.25	48	W	5	f	30.30	+ .34	50	48	+ 4	W	4	c	+	4	50	45	0.35	
Skudesnaes	30.35	53	NW	6	o	30.41	+ .29	54	48	+ 2	NW	6	c	3	3	57	52	—	
Öxö (Xtiansund)	30.18	60	NW	6	b	30.32	+ .33	56	50	0	N	4	b	2	2	64	52	—	
Skagen (The Skaw)	30.12	58	NW	2	b	30.26	+ .35	59	52	+ 1	ESE	3	b	1	1	68	55	—	
Fanö	30.19	56	NW	6	c	30.26	+ .25	57	52	—	1	NW	6	c	*	63	54	—	
Cuxhaven	30.33	59	NW	5	bc	30.41	+ .29	60	55	—	1	NW	5	bc	*	61	56	—	
Sumburgh Head	30.40	57	NNW	2	o	30.40	+ .13	54	50	+ 3	SE	3	b	2	2	54	43	0.02	
Stornoway	30.37	59	NE	3	b	30.34	+ .03	57	54	+ 1	SSE	3	cm	2	2	61	48	—	
Wick	30.43	58	SE	2	b	30.58	+ .04	58	56	+ 6	S	1	b	0	0	63	46	—	
Nairn	30.36	58	NE	3	b	30.38	+ .06	55	50	—	1	L	0	b	0	61	42	—	
Aberdeen	30.43	58	SSE	2	b	30.42	+ .09	55	53	—	2	S	4	c	0	61	46	—	
Leith	30.37	60	E	3	b	30.41	+ .09	55	53	+ 1	E	1	o	*	*	64	46	—	
Shields	30.42	58	E	2	b	30.43	+ .12	57	54	0	SE	2	o	3	3	62	51	—	
Spurn Head	30.40	58	E	3	b	30.47	+ .21	59	57	+ 2	SE	3	bc	2	2	61	54	—	
York	30.41	62	E	2	b	30.47	+ .18	59	56	+ 1	ESE	1	o	*	*	72	58	—	
Loughborough	30.37	69	E	4	c	30.45	+ .19	62	59	+ 2	ESE	3	c	*	*	75	53	—	
Ardrrossan	30.38	67	NE	3	b	30.38	+ .10	58	55	—	1	ENE	2	cm	1	71	53	—	
Malin Head	30.33	64	SSE	2	c	30.35	+ .09	61	58	+ 6	W	1	m	2	2	65	55	—	
Mullaghmore	30.28	64	N	1	c	30.35	+ .12	60	60	+ 4	W	1	dm	1	1	67	55	0.03	
Belmullet	30.28	60	SE	2	o	30.35	+ .14	58	58	—	1	W	2	o	*	66	59	0.85	
Donaghadee	30.35	64	SE	1	bc	30.39	+ .10	57	56	0	SE	2	o	1	1	65	54	—	
Barrow-in-Furness	30.33	67	E	2	o	30.39	+ .14	60	57	+ 1	E	3	o	*	*	72	58	—	
Liverpool (Bidston)	30.32	68	NNW	1	bc	30.40	+ .14	59	57	—	4	ESE	2	o	3	71	59	—	
Holyhead	30.34	63	NNW	2	c	30.40	+ .14	62	60	+ 1	SSE	1	bc	1	1	69	56	—	
Parsonstown	30.31	72	L	0	o	30.39	+ .14	63	62	+ 2	L	0	r	*	*	74	60	0.18	
Valencia	30.34	65	SW	1	o	30.40	+ .13	63	61	+ 4	L	0	o	0	0	67	55	—	
Roche's Point	30.34	61	SSW	2	bc	30.38	+ .12	59	57	—	2	S	1	f	2	67	56	—	
Pembroke	30.33	59	W	1	f	30.37	+ .13	60	60	+ 3	L	0	f	2	2	62	57	0.03	
Scilly	30.34	68	W	1	o	30.34	+ .08	61	60	0	ENE	2	f	3	3	65	58	—	
Prawle Point	30.34	68	WNN	1	b	30.43	+ .14	60	59	0	ENE	1	o	1	1	71	58	0.01	
Hurst Castle	30.34	69	WSW	1	b	30.40	+ .13	65	64	+ 2	ENE	5	bm	2.5	2.5	69	58	0.01	
Dungeness	30.36	63	ESE	3	bc	30.44	+ .21	63	59	+ 3	E	3	b	3	3	67	58	0.05	
London	30.37	67	ESE	2	o	30.43	+ .16	66	58	+ 5	E	2	*	*	*	72	57	—	
Oxford	30.38	66	E	2	o	30.43	+ .17	65	58	+ 2	E	1	cm	*	*	71	58	—	
Cambridge	30.40	66	E	1	bc	30.44	+ .15	63	60	+ 3	E	1	b	*	*	74	57	—	
Yarmouth	30.40	63	ENE	3	bc	30.47	+ .22	59	56	0	E	3	b	2	2	65	57	—	
The Helder	30.44	59	N	1	b	30.47	+ .23	59	54	—	1	NNE	1	c	1	64	55	—	
Cape Gris Nez	30.35	63	NE	5	b	30.40	+ .18	59	56	—	1	E	5	b	4	68	54	—	
Jersey	30.33	68	NNE	2	b	30.34	+ .05	65	62	+ 5	ENE	2	bc	2	2	70	57	—	
Brest	30.23	69	NE	4	o	30.31	+ .01	64	62	+ 2	ENE	4	o	3	3	72	59	—	
Lorient	30.37	71	NW	4	bc	30.33	+ .02	64	62	—	2	ENE	4	bc	2	81	59	—	
Rochefort	30.29	82	NNE	5	b	30.26	— .04	68	64	+ 2	ENE	5	b	2	2	91	61	—	
Biarritz	30.17	72	N	3	b	30.16	— .05	71	68	+ 3	L	0	b	0	0	73	68	—	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—
Brussels	*	*	*	*	*	30.45	+ .12	59	53	—	5	NE	3	b	*	75	49	—	
Charleville	30.34	?	NE	1	bc	30.41	+ .19	61	?	—	3	NE	1	b	*	80	50	—	
Paris	30.32	73	N	4	bc	30.40	+ .09	65	60	—	1	N	1	b	*	*	*	—	
Lyons	30.19	81	N	5	b	30.24	+ .03	66	60	—	5	N	4	b	*	85	61	—	
Toulon	30.11	81	WNW	3	bc	30.08	+ .00	77	67	+ 6	E	3	m	2	2	90	?	—	

## EXPLANATION OF COLUMNS

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

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

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

Printed by the Meteorological Office, London.



# WEATHER

# CHARTS

for 8 a.m. on

WEDNESDAY, 22<sup>nd</sup> JULY.

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

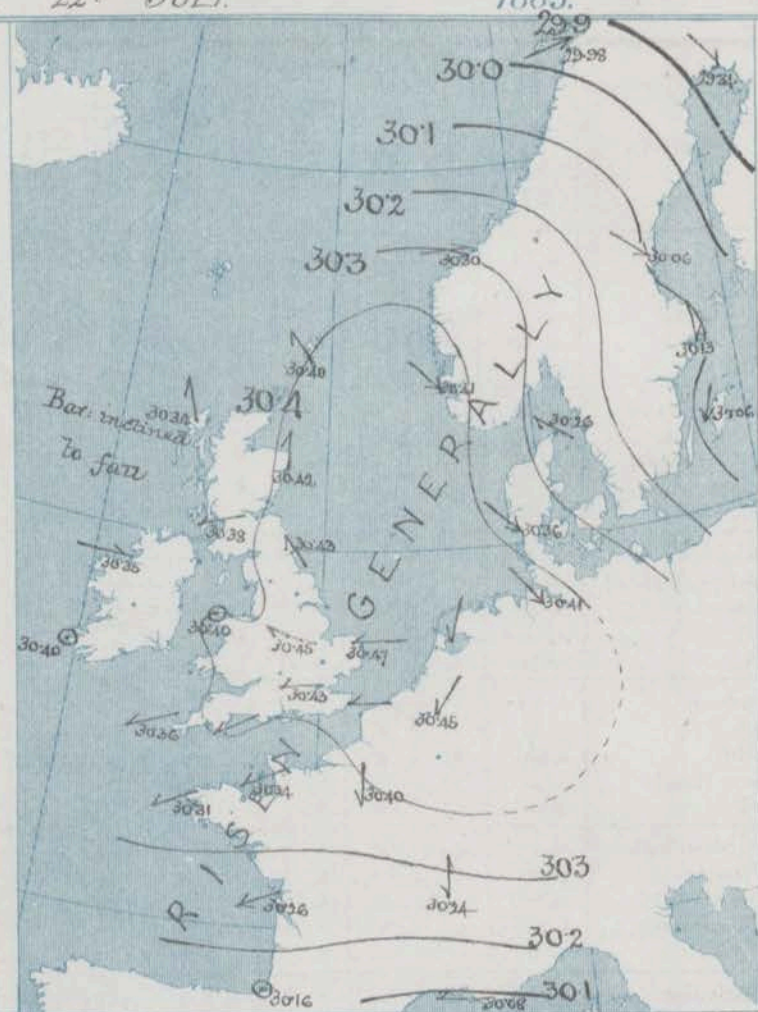
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — forces above 10, — forces 8 to 10,  
 — forces 5 to 7, — forces 1 to 4,  
 ○ — dead calm.

**Sea Disturbance** — where considerable is shown thus  
 — Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
 During the 10 Years 1871–1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.981
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by letters of the Beaufort Scale.  
**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 IN SHADE. AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	64.2	62.5	58.6	2.86
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 15 years 1866–80.





# REMARKS.

for

Wednesday 22<sup>nd</sup> July 1885, at 8 a.m.

A further rise of the barometer has taken place during the past twentyfour hours over the whole of northwestern Europe, so that an anticyclone has been formed over the North Sea, England and Holland. Gradients are consequently very slight over the United Kingdom, but are moderate for E<sup>ly</sup> winds over France. Temperature has increased over the southeast of England, but changed little elsewhere; the present readings vary from 66° in London to 59° at Roche's Point, and to 54° at Lumburgh Head. The maximum readings recorded yesterday were 75° at Loughborough, 74° at Cambridge and 72° at York and in London. Moderate E<sup>ly</sup> breezes now prevail over the Channel and west of France, while light SE<sup>ly</sup> winds are reported over Great Britain, and variable S<sup>ly</sup> to W<sup>ly</sup> airs in Ireland. Rain has fallen at several western and southern stations and the fall continues in some parts of Ireland. The sky is now clear on the Continent and over the southeastern parts of England, cloudy elsewhere, with much fog in the west and southwest. The sea is smooth.

Fine, bright, warm weather is likely to continue over England and the east of Scotland, but cloudy and perhaps showery weather in the extreme west, northwest and north.

## FORECASTS

for the 24 hours ending at NOON on 23<sup>rd</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S <sup>ly</sup> and SW <sup>ly</sup> breezes, freshening; some showers.	6 { SCOTLAND WEST	SW <sup>ly</sup> or S <sup>ly</sup> breezes, moderate; some showers.
1 { SCOTLAND EAST	SE <sup>ly</sup> and S <sup>ly</sup> winds, light, variable; fine generally.	7 { ENGLAND N. W.	----- D° ----- D°
2 { ENGLAND N. E.	----- D° ----- D°	8 { ENGLAND S. W.	Same as N° 5.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	Freshening S <sup>ly</sup> breezes; rain at times.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	----- D° ----- D°
5 { ENGLAND SOUTH	SE <sup>ly</sup> breezes, light or moderate, fine.	WARNINGS	None issued.



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

YESTERDAYS 2 P.M. REPORTS AND REMARKS.																
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.			
Skudesnaes	30.26	57	52	NW	7	c	4	Holyhead	30.32	67	62	NE	2	bc	2	
Sumburgh Head	30.36	57	48	NNW	3	c	1	Valencia	30.35	62	62	W	3	om	3	
Stornoway	30.37	59	54	E	1	b	1	Scilly	30.34	64	63	W	2	f	3	
Aberdeen	30.41	57	52	E	3	b	1	Dungeness	30.34	67	63	E	3	bc	1	
Shields	30.39	60	55	E	2	b	3	London	30.34	69	62	SE	2	c	*	
Ardrossan	30.32	70	60	W	1	b	0	Yarmouth	30.35	64	59	ENE	2	b	2	
Malin Head	30.32	59	57	E	4	m	4	Jersey	30.33	64	62	E	1	c	1	
Mullaghmore	30.28	61	59	E	1	cm	1	Rochefort	30.31	90	76	NNE	4	b	2	
Belmullet	30.26	64	61	SE	1	bc	*									

## REMARKS.

The barometer continues to rise generally, most in the north, but beyond this no change of importance is reported. The sea is slight or smooth on all coasts.



# DAILY WEATHER REPORT

for *Thursday* 23<sup>rd</sup> July 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Street, London, W. R. H. SCOTT, Secretary.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force (0 to 12).			Max.	Min.		
Haparanda	30.01	55	NNW	2	b	30.15	+ .31	53	47	- 3	N	4	b	*	64	45	-	
Hernösand	30.15	54	NW	6	b	30.18	+ .12	53	47	- 1	NNW	6	b	*	70	46	-	
Stockholm	30.15	55	L	0	b	30.15	+ .02	54	47	+ 1	N	4	b	*	63	48	-	
Wisby	30.11	56	NNE	4	b	30.06	+ .00	57	51	0	NNE	6	b	*	64	55	-	
Bodö	30.17	49	W	2	o	30.28	+ .30	48	47	+ 2	W	2	o	2	50	43	0.08	
Christiansund	30.38	50	SW	3	c	30.34	+ .04	54	49	+ 4	ESE	2	b	3	54	43	-	
Skudesnaes	30.39	50	NW	4	b	30.34	- .07	55	50	+ 1	NNW	4	o	3	57	52	-	
Oxö (Christiansund)	30.26	66	NNW	2	b	30.28	- .04	57	53	+ 2	NE	6	b	3	60	54	-	
Skagen (The Skaw)	30.25	58	NNW	2	b	30.26	+ .00	60	55	+ 1	ENE	2	b	0	68	45	-	
Fanö	30.26	54	NNW	4	b	30.31	- .05	58	53	+ 1	NNW	4	c	*	63	52	-	
Cuxhaven	30.39	57	NNW	5	b	30.34	- .07	58	55	- 2	NNW	4	c	*	61	56	-	
Sumburgh Head	30.36	54	SE	3	o	30.25	- .15	56	56	+ 2	W	3	o	2	58	52	0.01	
Stornoway	30.33	62	S	4	c	30.32	- .02	62	60	+ 5	SSE	2	c	1	65	56	-	
Wick	30.34	65	S	1	b	30.31	- .07	61	56	+ 3	L	0	b	0	68	56	-	
Nairn	30.33	64	L	0	b	30.34	- .04	66	60	+ 11	WSW	1	b	1	69	54	-	
Aberdeen	30.35	60	S	1	c	30.32	- .10	70	64	+ 15	L	0	b	0	70	55	-	
Leith	30.35	62	SSE	1	m	30.32	- .09	68	62	+ 13	NW	1	m	*	68	51	-	
Shields	30.36	58	SE	1	o	30.33	- .10	63	60	+ 6	NW	1	o	3	63	55	-	
Spurn Head	30.42	58	SE	4	c	30.37	- .10	58	56	- 1	SSE	3	c	3	61	55	-	
York	30.40	67	ESE	1	o	30.37	- .10	59	57	0	SSE	1	o	*	71	54	-	
Loughborough	30.38	72	SE	1	o	30.38	- .07	61	56	- 1	SE	3	o	*	77	56	-	
Ardrossan	30.36	66	L	0	c	30.36	- .02	58	57	0	L	0	om	0	69	55	-	
Malin Head	30.37	59	W	2	f	30.35	+ .00	56	56	- 5	N	1	f	0	65	55	0.01	
Mullaghmore	30.39	60	WNW	2	o	30.36	+ .01	58	58	- 2	L	0	f	0	61	57	-	
Belmullet	30.38	60	SW	2	o	30.35	+ .00	59	59	+ 1	S	1	f	0	64	55	0.02	
Donaghadee	30.37	65	SW	2	c	30.38	- .01	56	55	- 1	NNE	2	f	0	68	54	-	
Barrow-in-Furness	30.37	66	SW	2	c	30.34	- .05	64	62	+ 4	W	2	b	*	67	59	-	
Liverpool (Bidston)	30.38	67	SE	1	o	30.34	- .06	66	62	+ 7	L	0	f	1	70	59	-	
Holyhead	30.39	61	N	2	b	30.36	- .04	63	62	+ 1	NNW	2	b	2	70	57	-	
Parsonstown	30.38	71	WNW	1	b	30.37	- .02	63	63	0	L	0	o	*	72	59	0.04	
Valencia	30.39	66	NW	1	b	30.36	- .04	64	63	+ 1	WSW	1	o	1	71	56	-	
Roche's Point	30.39	62	S	1	b	30.33	- .05	65	62	+ 6	S	1	c	2	65	58	-	
Pembroke	30.35	64	NW	3	c	30.33	- .04	61	59	+ 1	L	0	c	0	65	59	-	
Seilly	30.34	62	NE	3	o	30.32	- .04	62	58	+ 1	E	4	c	4	65	57	-	
Prawle Point	30.35	64	ENE	2	b	30.35	- .08	60	66	0	ENE	2	b	2	69	55	-	
Hurst Castle	30.36	68	ESE	4	b	30.36	- .04	63	59	- 2	ENE	4	b	2	70	62	-	
Dungeness	30.40	62	E	4	b	30.35	- .09	63	59	0	E	4	b	3	67	57	-	
London	30.40	66	ESE	2	b	30.38	- .05	62	57	- 4	ENE	2	b	*	77	47	-	
Oxford	30.37	66	SE	1	b	30.38	- .05	60	56	- 5	L	0	b	*	76	50	-	
Cambridge	30.40	69	SE	1	b	30.37	- .07	59	56	- 4	E	1	b	*	75	46	-	
Yarmouth	30.43	64	E	3	b	30.39	- .08	58	55	- 1	E	2	b	2	66	57	-	
The Helder	30.42	58	NNE	1	b	30.38	- .09	59	54	0	ENE	1	b	1	63	55	-	
Cape Gris Nez																		
Jersey	30.30	69	ENE	4	b	30.29	- .05	62	58	- 3	ENE	4	b	3	77	56	-	
Brest	30.25	73	NE	5	b	30.26	- .06	62	60	- 2	NE	4	b	3	79	59	-	
Lorient																		
Rocheport	30.25	75	ENE	4	b	30.27	- .06	62	57	- 2	ENE	5	b	2	80	57	-	
Biarritz	30.19	82	NE	5	b	30.18	- .08	64	58	- 4	?ENE	7	c	2	93	57	-	
Corunna	30.09	75	N	1	b	30.17	+ .01	72	70	+ 1	W	1	b	0	77	70	-	
Brussels	*	*	*	*	*	30.24	- .11	57	53	- 2	ENE	3	b	*	70	48	-	
Charleville																		
Paris	30.30	68	NE	7	b	30.25	- .16	57	57	- 4	NE	1	b	*	68	50	-	
Lyons	30.30	75	S	7	b	30.28	- .12	62	59	- 3	NNE	1	b	*	*	*	-	
Toulon	30.12	80	N	4	b	30.14	- .10	65	57	- 1	N	1	b	*	85	60	-	
	30.07	83	SSW	3	b	30.04	- .04	73	68	- 4	E	3	m	2	91	68	-	

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by the Meteorological Office, London.



# WEATHER CHARTS

for 8 a.m. on *Thursday 23<sup>rd</sup> July* 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

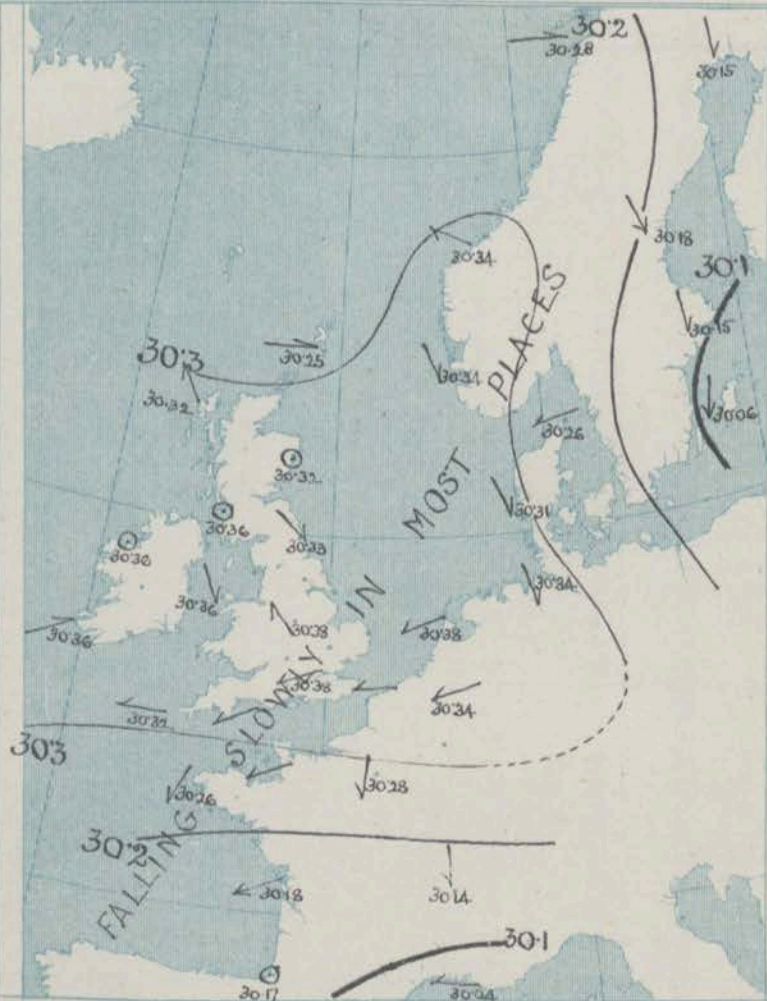
→ = forces above 10; → = forces 8 to 10;  
 → = forces 5 to 7; → = forces 1 to 4;  
 ⊙ = dead calm.

**Sea Disturbance** — where considerable is shown thus  
 ▨ = Rough. ▩ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *July*.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	<i>ins.</i>
Sumburgh Head	29.827
Stornoway	29.709
Wick	29.818
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.980
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

for WEDNESDAY 23<sup>rd</sup> JULY 1885, at 8 a.m.

An anticyclone, in which readings exceed 30.3 ins., now covers the whole of our islands, the Netherlands, the North Sea and the west of Norway, but the barometer is falling slowly at nearly all stations. Fresh N<sup>th</sup> or NW<sup>th</sup> breezes prevail in Sweden and Denmark, and moderate E<sup>th</sup> breezes at our southern and the French stations, but in the west and north of our islands the wind is light and very variable. The weather is foggy in the north of Ireland and also at Liverpool, but elsewhere the sky is generally clear. A little rain fell yesterday at several of the Irish stations. Temperature has risen considerably in the east of Scotland, but fallen in many parts of England, Ireland and France; readings now range from 70° at Aberdeen to 56° at Sumburgh Head, Malin Head and Bonaghadee. The highest maxima registered yesterday were 77° at Loughborough and in London, 76° at Oxford and 75° at Cambridge. The sea is slight or smooth generally.

There is at present no sign of any important change in the weather.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 17<sup>th</sup> Inst. in Long. 44° and on the 18<sup>th</sup> Inst. in Long. 52° W.

# FORECASTS

for the 24 hours ending at NOON on 24<sup>th</sup> JULY 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Variable or N <sup>th</sup> breezes, light; fair generally	6 { SCOTLAND WEST	Variable airs; fair, but fog locally.
1 { SCOTLAND EAST	Light variable airs; fine, warm.	7 { ENGLAND N.W.	Same as N <sup>o</sup> 1.
2 { ENGLAND N.E.	E <sup>th</sup> and SE <sup>th</sup> winds, light; fine generally	8 { ENGLAND S.W.	Same as N <sup>o</sup> 5.
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	Same as N <sup>o</sup> 6.
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 2.	10 { IRELAND SOUTH	Variable or E <sup>th</sup> airs; fair generally.
5 { ENGLAND SOUTH	E <sup>th</sup> winds, moderate; fine, warm.	WARNINGS	
		NONE ISSUED.	



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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.42	57	50	NW	6	c	3	Holyhead	30.40	67	64	SSW	1	bam	1
Sumburgh Head	30.39	56	54	SE	3	c	3	Valencia	30.40	70	65	WST	3	bc	3
Stornoway	30.34	63	59	SSE	4	c	3	Scilly	30.37	65	62	ENE	2	c	4
Aberdeen	30.39	59	56	S	3	a	1	Dungeness	30.44	66	62	E	4	b	3
Shields	30.41	62	57	SE	3	o	3	London	30.42	71	58	ESE	3	b	*
Ardrossan	30.38	68	63	Z	0	o	0	Yarmouth	30.46	60	58	ESE	3	bv	2
Malin Head	30.41	64	61	NW	1	m	2	Jersey	30.32	75	64	ENE	4	b	3
Mullaghmore	30.38	60	59	W	2	od	2	Rochefort	30.28	91	75	ENE	5	b	2
Belmullet	30.38	61	60	S	2	o	*								

## REMARKS.

*No important change has occurred since the morning.*



# DAILY WEATHER REPORT

for Friday 24<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 10, Victoria Street, London, W. H. SCOTT, Secretary.																			
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 29° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Barometer. Reading at 8° P. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dir.	Force. (0 to 12).				Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
Haparanda	30.20	55	N	2	c	30.22	+ .08	57	57	+ 4	N	4	bc	*	63	48	—		
Hernösand	30.16	52	Z	0	b	30.11	— .07	57	51	+ 4	NNE	4	c	*	70	46	—		
Stockholm	30.04	54	N	4	b	29.88	— .27	58	58	— 4	N	6	r	*	63	48	0.16		
Wisby	29.97	57	N	6	bc	29.77	— .20	58	58	— 7	NE	8	r	*	61	52	0.32		
Bodö	30.31	50	WNW	2	o	30.31	+ .03	58	49	+ 2	SSE	2	b	1	52	46	—		
Christiansund	30.23	54	NE	2	o	30.23	— .11	55	51	+ 1	NE	2	c	2	55	50	—		
† Skudesnes	30.27	51	NNE	1	r	30.21	— .13	55	54	0	Z	0	o	2	57	51	—		
Oxö (Xtiansund).	30.19	59	SW	4	o	30.14	— .14	59	57	+ 1	NNE	2	b	2	63	58	—		
Skagen (The Skaw)	30.19	57	N	3	bc	30.12	— .12	61	58	+ 1	N	2	c	1	66	55	—		
Fanö	30.23	56	WNW	4	c	30.16	— .15	60	57	+ 2	WNW	4	c	*	63	54	—		
Cuxhaven	30.18	54	NNW	3	c	30.22	— .12	61	59	+ 2	N	5	bc	*	61	54	—		
† Sumburgh Head	30.22	53	W	4	r	30.24	— .01	54	54	— 2	W	3	f	3	58	52	0.24		
† Stornoway	30.31	46	S	3	b	30.26	— .06	54	53	— 8	S	2	f	2	67	51	—		
Wick	30.31	54	NNW	1	c	30.28	— .02	57	57	— 4	S	1	f	0	69	54	0.02		
Nairn	30.27	71	WSW	1	b	30.29	— .05	60	57	— 6	Z	0	c	1	60	57	—		
† Aberdeen	30.29	65	ESE	1	b	30.30	— .02	60	58	— 10	SE	1	o	0	73	55	—		
Leith	30.25	78	NW	1	b	30.28	— .04	65	60	— 3	NW	1	bm	*	81	53	—		
† Shields	30.28	63	E	1	c	30.30	— .03	61	59	— 2	Z	0	bm	2	69	55	—		
Spurn Head	30.30	59	SE	3	b	30.30	— .07	60	59	+ 2	SE	1	b	2	62	54	—		
York	30.29	71	SE	1	bc	30.31	— .06	60	56	+ 1	SE	1	b	*	75	53	—		
Loughborough	30.29	72	ESE	1	o	30.30	— .08	64	59	+ 3	Z	0	b	*	78	52	—		
† Ardrossan	30.30	69	Z	0	b	30.28	— .08	61	59	+ 3	Z	0	b	0	70	52	—		
Malin Head	30.30	60	NE	1	b	30.34	— .11	68	64	+ 12	S	3	b	2	68	56	—		
† Mullaghmore	30.31	67	NNW	2	b	30.26	— .10	65	63	+ 7	ENE	3	b	2	68	57	—		
Belmullet	30.31	65	SW	1	b	30.24	— .11	66	64	+ 7	S	1	b	0	68	55	—		
Donaghadee	30.32	63	N	2	b	30.31	— .07	63	60	+ 7	ENE	2	b	0	65	52	—		
Barrow-in-Furness	30.27	65	NE	2	bc	30.29	— .05	61	60	— 3	NE	2	f	*	71	60	—		
Liverpool (Bldston)	30.30	64	NW	1	c	30.29	— .05	65	62	— 1	Z	0	f	1	70	59	—		
† Holyhead	30.32	60	NNW	2	bc	30.30	— .06	63	61	0	NNW	1	b	1	69	56	—		
Parsonstown	30.30	75	NW	1	c	30.31	— .06	68	65	+ 5	Z	0	b	*	76	58	—		
† Valencia	30.31	49	NNE	1	cm	30.29	— .07	62	62	— 2	Z	0	f	1	70	58	—		
Roche's Point	30.32	63	S	1	c	30.29	— .04	60	60	— 5	SSE	2	f	2	67	59	—		
Pembroke	30.28	62	N	2	c	30.27	— .06	64	64	+ 3	E	1	m	0	64	60	—		
† Scilly	30.28	64	ENE	1	o	30.25	— .07	60	60	— 2	ENE	2	f	3	66	57	0.01		
Prawle Point	30.28	63	ENE	1	b	30.28	— .07	63	58	+ 3	NE	2	b	1	66	54	—		
Hurst Castle	30.27	69	SW	1	b	30.30	— .06	59	57	— 4	NE	3	bm	3	73	47	—		
† Dungeness	30.28	61	E	4	bc	30.29	— .06	62	59	— 1	E	3	c	3	76	58	—		
London	30.28	68	ESE	2	b	30.31	— .07	60	58	— 2	E	1	bm	*	74	48	—		
Oxford	30.28	65	NE	2	b	30.30	— .08	62	57	+ 2	ENE	1	b	*	74	51	—		
Cambridge	30.28	68	SE	1	b	30.32	— .05	59	56	0	E	1	b	*	76	45	—		
† Yarmouth	30.33	62	E	2	b	30.31	— .08	60	58	+ 2	ESE	1	b	1	63	56	—		
The Helder	30.31	59	NE	1	b	30.28	— .10	60	57	+ 1	Z	0	c	1	64	57	—		
Cape Gris Nez	30.23	61	NE	7	b	30.24	— .08	59	54	+ 1	NE	5	b	4	66	52	—		
† Jersey	30.21	65	NE	3	bc	30.21	— .08	63	59	+ 1	NE	4	bm	3	70	57	—		
Brest	30.26	64	E	5	o	30.18	— .08	59	56	— 3	ENE	5	b	3	79	54	—		
Lorient	30.18	69	NE	7	b	30.17	— .10	61	57	— 1	NE	7	o	2	71	55	—		
† Rochefort	30.08	79	NE	5	b	30.08	— .10	65	58	+ 1	NE	5	c	2	88	57	—		
Biarritz	29.97	72	W	8	o	29.99	— .18	68	66	— 4	SW	8	o	2	75	64	0.63		
Corunna	*	*	*	*	*	30.16	— .08	57	52	0	ENE	4	b	*	73	48	—		
Brussels	*	*	*	*	*	30.16	— .08	57	52	0	ENE	4	b	*	73	48	—		
Charleville	30.30	68	NE	7	b	30.22	— .03	60	55	+ 3	NE	1	b	*	76	52	—		
Paris	30.16	75	W	4	b	30.21	— .07	64	58	+ 2	N	4	b	*	84	60	—		
Lyons	29.99	80	N	3	b	30.08	— .08	64	56	— 1	NNW	1	b	*	84	60	—		
Toulou	30.02	73	W	1	m	30.00	— .04	73	69	0	Z	0	m	?	86	?	—		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by the Meteorological Office, London.



# WEATHER CHARTS

for 8 a.m. on *Friday 24<sup>th</sup> JULY* 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

**Wind** — Arrows show the prevailing 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.

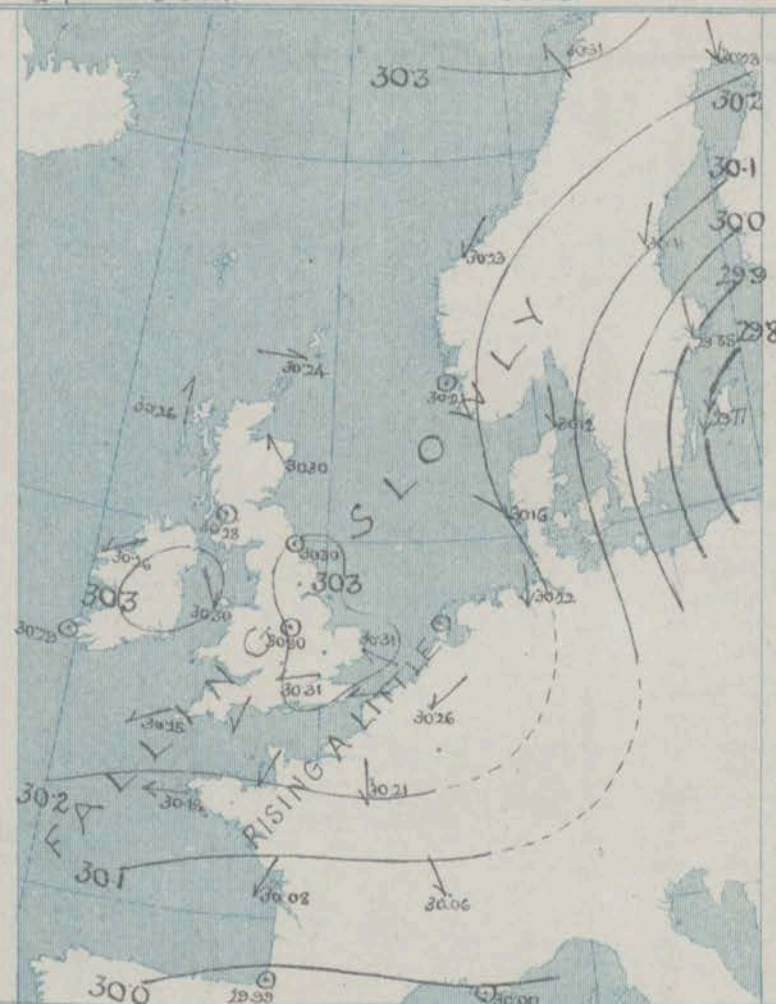
**Sea Disturbance** — where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *July*.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.956
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** is shown by Letters of the Beaufort Scale.

**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 IN SHADE. AND RAINFALL.

for the month of *July*

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet	
Sumburgh Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	66.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	64.2	62.5	58.6	2.36
Oxford	69.9	63.7	60.4	57.1	2.60
Cambridge	72.5	62.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Friday 24<sup>th</sup> July 1885, at 8 a.m.

A large anticyclone still lies over our islands, the Netherlands and the North Sea, but the barometer continues to fall at all but our south-eastern and a few of the French stations, the change being greatest in the South of Sweden. Fresh N<sup>th</sup> winds prevail in Sweden and Denmark and moderate NE<sup>th</sup> breezes in France and the south of England, but on our extreme north and northwest coasts light S<sup>th</sup> airs have appeared. Fog prevails in the north of Scotland as well as on our southwest coast, and rain is falling in the south of Sweden, but elsewhere the weather remains fine. Temperature has fallen in Scotland and the south of Ireland, but risen elsewhere; and readings now range from 68° at Malin Head and Parsonstown to 54° in the Shetlands and Hebrides. The highest maxima registered yesterday were 81° at Lich, 80° at Narn, 78° at Loughborough and 76° at Parsonstown and Cambridge. The sea is slight or smooth generally.

The fall of the barometer is at present too uniform to occasion any important change in the weather.

# FORECASTS

for the 24 hours ending at NOON on 25<sup>th</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S <sup>th</sup> and SW <sup>th</sup> winds, moderate; foggy to fair.	6 { SCOTLAND WEST	Variable airs, finally SE <sup>th</sup> ; fine generally, but fog locally.
1 { SCOTLAND EAST	Variable or SE <sup>th</sup> winds; fine generally.	7 { ENGLAND N.W.	.....D.....D.....D.....
2 { ENGLAND N.E.	.....D.....D.....D.....	8 { ENGLAND S.W.	E <sup>th</sup> winds, light; fine, but fog locally.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	S <sup>th</sup> winds, light or moderate; fine generally.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	Same as N° 0.
5 { ENGLAND SOUTH	E <sup>th</sup> winds, light; fine, warmer.	WARNINGS	NONE ISSUED.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.30	58	51	WNW	2	0	3	Holyhead	30.34	64	62	NNW	2	bc	2
Sumburgh Head	30.23	55	55	W	4	f	3	Valencia	30.35	70	66	WNW	2	0	3
Stornoway	30.32	64	60	S	3	f	1	Scilly	30.32	69	59	ENE	3	0	4
Aberdeen	30.31	67	61	SE	2	b	0	Dungeness	30.33	65	61	E	3	b	3
Shields	30.30	67	61	E	1	b	2	London	30.33	72	59	E	3	b	*
Ardrossan	30.33	67	63	SSH	1	b	0	Yarmouth	30.36	62	59	E	2	b	2
Malin Head	? 30.33	59	58	N	2	f	2	Jersey	30.25	67	59	NE	4	c	3
Mullaghmore	30.34	65	63	NNW	1	b	1	Rocheport	30.43	85	68	NNE	5	c	2
Belmullet	30.34	65	63	SW	1	bc	*								

## REMARKS.

The barometer continues to fall slowly in most places, but no important change is shown in the wind or weather.  
The sea is moderate at Scilly, slight or smooth elsewhere.



# DAILY WEATHER REPORT

for Saturday — 25<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 16, Victoria Road, London, W. N. 50011, 50012, 50013.																		
STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirce.	Force. (0 to 12.)	Weather.	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.)	Weather.		Max.	Min.		
Haparanda	30.25	62	NE	6	c	30.24	+ .01	53	49	- 4	NE	6	c	*	2	45	—	
Hernösand	30.14	56	NNE	6	c	30.16	+ .05	50	51	- 5	NE	4	r	*	61	44	—	
Stockholm	29.93	52	NNE	4	o	29.91	+ .03	53	47	+ 3	N	4	o	*	54	50	—	
Wisby	29.89	53	NE	6	o	29.88	+ .05	50	50	0	N	4	f	*	2	48	0.20	
Bodo	30.29	52	N	2	b	30.27	- .04	59	55	+ 9	ENE	2	b	1	2	46	—	
Christiansund	30.23	54	NE	2	b	30.17	- .06	56	53	+ 1	S	1	m	0	59	46	—	
Skudesnaes	30.18	54	NW	6	f	30.20	- .01	54	54	+ 1	NNW	2	f	2	61	54	—	
Oxö (Xtiansund)	30.10	62	WSW	2	b	30.16	+ .02	61	58	+ 2	NNW	2	b	2	70	57	—	
Skagen (The Skaw)	30.04	60	NNE	3	b	30.09	- .03	62	55	+ 1	NNE	4	b	3	68	57	—	
Faro	30.12	56	NW	4	b	30.15	- .01	59	57	- 1	NNW	4	c	*	66	54	—	
Cuxhaven	30.15	61	NNW	5	r	30.17	- .05	61	59	0	NNW	4	bc	*	62	55	0.04	
Sumburgh Head	30.23	58	WSW	1	bc	30.16	- .08	58	55	+ 1	SSE	3	f	2	58	50	—	
Stornoway	30.19	66	SSW	4	m	30.11	- .15	59	56	+ 5	S	5	r	4	68	53	—	
Wick	30.25	57	S	1	f	30.14	- .14	67	63	+ 10	S	1	bc	0	68	56	—	
Nairn	30.23	61	NE	1	c	30.19	- .10	68	63	+ 8	W	1	c	1	68	56	—	
Aberdeen	30.25	61	SSE	1	b	30.20	- .10	67	63	+ 7	S	1	bc	0	67	55	—	
Leith	30.22	64	WNW	1	b	30.23	- .05	68	63	+ 3	W	1	m	*	71	55	—	
Shields	30.24	70	SE	2	b	30.26	- .04	71	64	+ 10	SW	1	bc	2	71	60	—	
Spurn Head	30.27	62	ENE	1	bc	30.28	- .02	62	60	+ 2	S	3	b	2	67	57	—	
York	30.25	77	E	1	b	30.29	- .02	65	63	+ 5	S	1	b	*	82	57	—	
Loughborough	30.25	81	ENE	2	b	30.32	+ .02	68	63	+ 4	Z	0	bm	*	84	82	—	
Ardrossan	30.24	69	Z	0	c	30.26	- .02	64	62	+ 3	Z	0	c	0	75	59	—	
Malin Head	30.24	73	SSW	3	m	30.23	- .01	66	61	- 2	S	5	m	4	74	68	—	
Mullaghmore	30.22	70	WSW	2	cm	30.23	- .03	68	58	+ 3	SSW	4	c	2	77	63	—	
Belmullet	30.22	65	SSW	3	b	30.21	- .03	60	60	- 6	SSW	4	o	0	71	59	—	
Donaghadee	30.26	64	SE	1	b	30.29	- .02	70	65	+ 7	SW	2	bc	0	70	61	—	
Barrow-in-Furness	30.22	72	NW	2	b	30.28	- .01	62	61	+ 1	N	1	f	*	74	60	—	
Liverpool (Bidston)	30.26	64	WNW	1	c	30.31	+ .02	69	64	+ 4	WNW	1	m	1	72	60	—	
Holyhead	30.27	64	NNW	1	b	30.31	+ .02	68	62	0	SSW	2	bc	2	69	57	—	
Parsonstown	30.25	77	Z	0	c	30.32	+ .01	67	63	- 1	Z	0	c	*	78	53	—	
Valencia	30.28	68	SSW	2	cm	30.32	+ .03	65	59	+ 3	SE	3	bc	2	73	57	—	
Roche's Point	30.29	66	S	2	f	30.33	+ .04	68	60	+ 3	Z	0	m	1	67	55	—	
Pembroke	30.26	67	NW	1	m	30.31	+ .04	64	60	0	ENE	1	m	1	67	58	—	
Scilly	30.27	64	NNE	1	b	30.31	+ .06	59	59	- 1	NNE	2	f	3	69	56	0.02	
Prawle Point	30.27	64	ENE	1	b	30.33	+ .05	70	63	+ 7	NE	1	b	1	70	54	—	
Hurst Castle	30.26	68	WSW	1	b	30.34	+ .04	66	61	+ 7	ENE	1	bm	1	72	50	—	
Dungeness	30.27	63	E	3	b	30.32	+ .03	64	60	+ 2	Z	0	b	2	66	50	—	
London	30.26	72	ESE	1	bm	30.33	+ .02	67	60	+ 7	Z	0	bm	*	76	51	—	
Oxford	30.26	69	NE	1	b	30.33	+ .03	66	61	+ 4	Z	0	bm	*	77	53	—	
Cambridge	30.26	73	N	1	b	30.32	00	67	62	+ 8	S	1	b	*	79	48	—	
Yarmouth	30.27	67	Z	0	b	30.31	00	61	58	+ 1	NE	1	b	1	67	55	—	
The Helder	30.23	62	NNW	1	b	30.26	- .02	60	58	0	NNW	3	c	2	64	59	—	
Cape Gris Nez	30.22	62	NE	5	b	30.25	+ .01	63	59	+ 4	NE	3	b	1	68	54	—	
Jersey	30.19	66	ENE	4	bm	30.28	+ .07	65	61	+ 2	NE	3	b	3	71	57	—	
Brest	30.17	67	ENE	5	b	30.24	+ .06	60	55	+ 1	ENE	5	b	3	73	54	—	
Lorient	30.17	71	NE	7	b	30.23	+ .06	62	59	+ 1	ENE	5	b	2	77	55	—	
Rocheport	30.08	82	NE	5	bc	30.17	+ .09	68	59	+ 3	ENE	5	b	2	90	54	—	
Biarritz	30.03	73	NW	1	b	30.08	+ .09	73	70	+ 5	E	1	b	0	75	68	—	
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—
Brussels	*	*	*	*	*	30.29	+ .03	60	58	+ 3	NNE	1	o	*	75	53	—	
Charleville	30.17	71	NE	4	b	30.25	+ .03	60	58	0	NE	1	o	*	77	52	—	
Paris	30.17	76	NW	3	b	30.30	+ .09	67	61	+ 3	N	3	b	*	77	*	—	
Lyons	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	—
Toulon	29.96	76	W	1	m	29.95	- .05	76	68	+ 3	NW	3	t	2	86	70	—	

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by the Meteorological Office, 116, Victoria Street, London.



# WEATHER CHARTS

for 8 a.m. on Saturday, 25<sup>th</sup> JULY 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

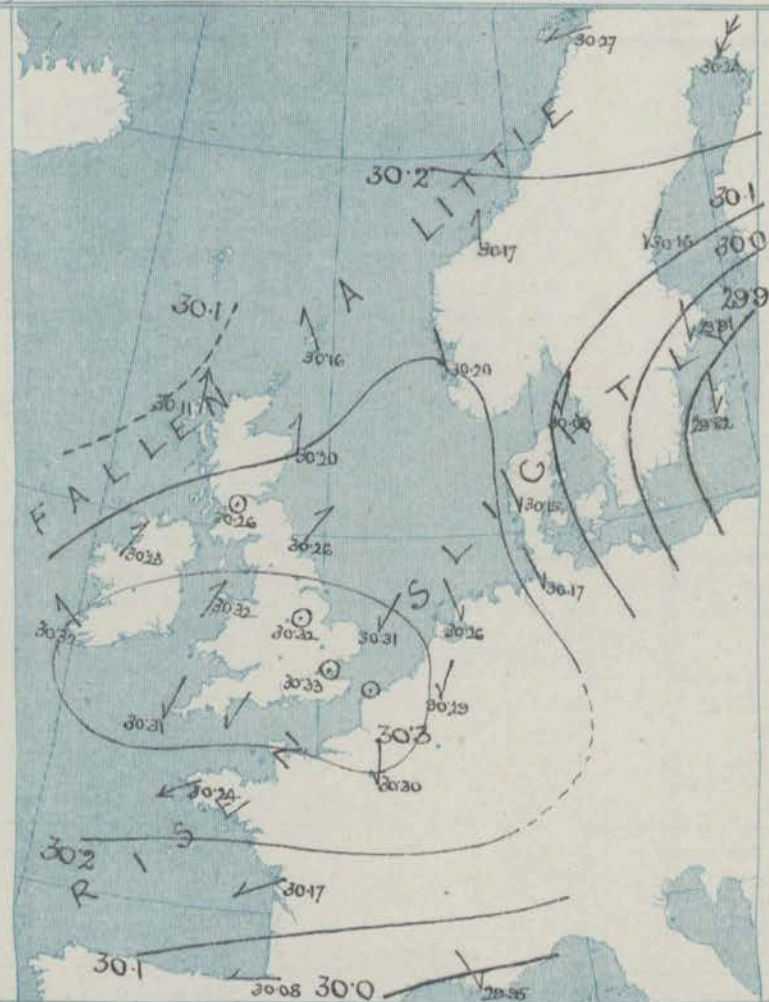
**Sea Disturbance** — where considerable is shown thus

■ = Rough. ■ = High

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

For SATURDAY 25<sup>th</sup> JULY 1885. at 8 a.m.

The barometer is rising a little at all but our extreme north and northwest stations, and the central portions of the anticyclone recently noticed now lies over the southern parts of England and Ireland. The lowest readings are still found over the Baltic. Moderate or fresh S<sup>ly</sup> breezes prevail on our extreme north and northwest coasts, and N<sup>ly</sup> breezes in Sweden and Denmark, but at our southern and the French stations the wind is NE<sup>ly</sup>, while over Central England calm or variable air was reported. Rain is falling in the Hebrides, but elsewhere the weather is fine, with, however, haze in many places and fog at one or two of the western and northern stations. Solar halo was seen yesterday at Mullaghmore and Jersey. Temperature has risen generally and is now uniformly high, readings ranging from 75° at Shields and 70° at Donaghadee and Brawle Point to 55° in the Shetlands. The highest maxima registered yesterday were 84° at Loughborough, 82° at York and 79° at Cambridge. The sea is moderate to smooth.

There is no sign of any immediate change in the weather.

## FORECASTS

For the 24 hours ending at NOON on 26<sup>th</sup> JULY 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	S <sup>ly</sup> winds, moderate; fair generally, but slight rain locally.	6 { SCOTLAND WEST	S <sup>ly</sup> and SE <sup>ly</sup> winds, light; fair, but fog or mist locally.
1 { SCOTLAND EAST	S <sup>ly</sup> and SE <sup>ly</sup> winds, light; fine, warm.	7 { ENGLAND N.W.	.....D.....D.....D.....
2 { ENGLAND N.E.	.....D.....D.....D.....	8 { ENGLAND S.W.	Variable or E <sup>ly</sup> airs fine, warm, hazy.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	Same as N° 0.
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	S <sup>ly</sup> winds, moderate; fair generally
5 { ENGLAND SOUTH	Calm and variable airs; fine, warm, hazy.	WARNINGS	NONE ISSUED.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.19	60	57	NW	6	c	2	Holyhead	30.27	68	64	NNW	2	b	2
Sumburgh Head	30.24	55	54	NW	2	o	3	Valencia	30.28	73	63	SW	2	bcm	3
Stornoway	30.21	64	59	S	4	bc	3	Scilly	30.27	65	61	ESE	2	b	3
Aberdeen	30.26	61	58	SE	1	o	0	Dungeness	30.27	65	61	E	4	b	3
Shields	30.27	67	60	E	2	bc	2	London	30.27	72	62	E	3	b	*
Ardrossan	30.26	74	66	Z	0	b	0	Yarmouth	30.28	66	59	ESE	2	b	1
Malin Head	30.26	66	68	E	2	m	2	Jersey	30.20	69	58	NE	4	b	3
Mullaghmore	30.23	73	68	NE	1	c	1	Rochefort	30.08	78	67	NE	4	o	2
Belmullet	30.22	70	66	SSW	3	bc	*								

## REMARKS.

The barometer continues to fall slowly in most places, but no important change is shown in the winds. The fogs reported on our extreme northern and south-western coast this morning have cleared off and the weather is now fine generally. The sea is slight or smooth on all our coast.



# DAILY WEATHER REPORT

for Sunday 26<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirce.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirce.	Force (0 to 12).			Max.	Min.			
Haparanda	30.23	59	NE	2	c	30.19	— .05	57	52	+ 4	E	2	o	*	63	50	—		
Hernösand	30.15	54	NE	2	o	30.14	— .01	56	54	+ 2	Z	0	f	*	57	50	—		
Stockholm	30.04	53	NNE	2	r	30.17	+ .26	59	56	+ 3	Z	0	b	*	57	50	0.12		
Wisby	29.92	53	E	4	b	30.04	+ .12	54	54	+ 0	NE	4	b	*	57	48	0.24		
Bodo																			
Christiansund																			
Skudesnaes	30.17	57	WNW	2	c	30.23	+ .03	58	57	+ 1	NNW	3	f	2	63	55	—		
Öxö (Ålön)	30.09	63	SW	1	b	30.21	+ .05	62	60	+ 2	NE	4	c	2	70	57	—		
Skagen (The Skaw)	30.09	61	NW	2	b	30.18	+ .09	62	58	+ 4	ENE	2	c	0	70	57	—		
Fanö	30.16	56	NNW	4	c	30.21	+ .06	58	56	+ 2	N	1	c	*	68	55	—		
Cuxhaven	30.21	59	NNW	5	b	30.24	+ .07	60	59	+ 1	NNW	3	b	*	63	57	—		
Sumbargh Head	30.12	57	W	3	o	30.22	+ .12	52	57	+ 5	NW	2	o	2	59	49	0.05		
Stornoway	30.22	57	WNW	4	cm	30.36	+ .25	54	52	+ 2	NW	3	cm	2	64	52	0.18		
Wick	30.18	63	NW	1	c	30.33	+ .19	57	53	+ 4	NW	1	o	0	68	50	—		
Nairn	30.20	70	W	1	c	30.35	+ .16	57	54	+ 3	Z	0	o	1	74	54	—		
Aberdeen	30.18	74	Z	0	c	30.37	+ .17	56	55	+ 1	NE	1	cm	0	80	54	0.01		
Leith	30.22	75	W	1	b	30.39	+ .10	59	55	+ 4	E	1	cm	*	82	58	—		
Shields	30.26	75	W	2	c	30.34	+ .08	65	63	+ 2	Z	0	o	1	79	62	—		
Spurn Head	30.25	67	SE	1	b	30.32	+ .04	67	64	+ 3	N	3	b	2	74	60	—		
York	30.27	76	WNW	1	b	30.34	+ .05	70	66	+ 4	W	1	b	*	86	59	—		
Loughborough	30.22	57	W	2	b	30.35	+ .03	72	66	+ 6	WNW	2	bm	*	59	57	—		
Ardrossan	30.26	68	WNW	2	c	30.34	+ .08	62	61	+ 1	W	1	o	1	68	59	—		
Malin Head	?	60	W	5	r	30.37	+ .14	? 59	? 59	+ 0	E	3	c	3	73	59	0.04		
Mullaghmore	30.29	62	W	3	or	30.34	+ .11	61	60	+ 1	WNW	1	o	1	72	60	0.09		
Belmullet	30.25	60	SW	2	o	30.34	+ .13	57	57	+ 0	—	3	r	*	62	57	0.20		
Donaghadee	30.30	70	SSW	1	c	30.37	+ .08	57	57	+ 0	NNE	3	f	1	79	57	—		
Barrow-in-Furness	30.20	18	NW	1	o	30.34	+ .06	64	62	+ 2	NW	2	c	*	68	60	—		
Liverpool (Bidston)	30.34	65	WNW	1	b	30.36	+ .05	70	63	+ 7	WNW	1	b	1	74	61	—		
Holyhead	30.05	66	SW	2	b	30.38	+ .06	69	67	+ 2	ESE	1	b	1	72	59	—		
Parsonstown	30.32	70	NW	1	o	30.39	+ .07	64	64	+ 0	Z	0	f	*	79	60	—		
Valencia	30.34	65	W	2	b	30.38	+ .06	62	61	+ 1	Z	0	cm	0	72	57	—		
Roche's Point	30.36	66	SSW	2	b	30.37	+ .04	64	63	+ 1	NW	1	m	2	70	56	—		
Pembroke	30.32	67	NW	2	b	30.36	+ .04	65	61	+ 4	E	1	b	1	68	57	—		
Seilly	30.33	65	NNE	1	bm	30.34	+ .03	65	63	+ 2	ENE	3	b	2	72	57	0.04		
Prairie Point	30.34	69	Z	0	b	30.25	+ .02	76	67	+ 9	NNE	1	b	0	76	60	—		
Hurst Castle	30.30	69	WNW	3	b	30.34	+ .00	68	66	+ 2	NE	1	bm	1	77	54	—		
Dungeness	30.32	67	Z	0	b	30.29	— .03	71	66	+ 5	N	1	b	1	71	64	—		
London	30.28	79	Z	0	bm	30.32	— .01	70	65	+ 5	Z	0	bm	*	82	65	—		
Oxford	30.21	74	Z	0	b	30.35	+ .02	71	65	+ 6	N	1	b	*	86	60	—		
Cambridge	30.28	85	Z	0	b	30.34	+ .02	72	67	+ 5	N	1	b	*	88	56	—		
Yarmouth	30.29	65	SSE	1	b	30.30	— .01	70	65	+ 5	N	2	b	2	70	59	—		
The Helder	30.28	59	NW	1	o	30.26	— .02	64	62	+ 2	NW	1	b	1	64	59	—		
Cape Gris Nez	30.28	67	NE	1	b	30.27	+ .02	64	61	+ 3	SW	1	b	0	? 73	59	—		
Jersey	30.28	72	ENE	3	bm	30.32	+ .04	69	68	+ 1	ENE	2	bm	2	77	59	—		
Brest	30.25	76	E	5	b	30.28	+ .04	66	60	+ 6	E	4	b	2	86	54	—		
Lorient	30.25	91	E	4	b	30.30	+ .07	65	60	+ 5	E	4	b	2	90	57	—		
Rochefort	30.20	84	ENE	5	b	30.25	+ .08	64	61	+ 3	NE	5	b	2	95	57	—		
Biarritz	30.09	75	Z	0	b	30.10	+ .02	72	68	+ 4	E	1	m	0	77	68	—		
Corunna	*	*	*	*	*	30.14		65	63	+ 2	NE	3	b	3	68	55	—		
Brussels	*	*	*	*	*	30.29		60	59	+ 1	NNW	1	b	*	74	55	—		
Charleville	30.26	71	NE	1	b	30.31	+ .06	61	58	+ 3	NNE	1	b	*	78	53	—		
Paris	30.27	77	NNW	3	b	30.34	+ .07	67	62	+ 5	NNW	1	b	*	*	*	—		
Lyons																			
Toulou	29.91	80	SW	3	m	30.04	+ .09	75	67	+ 8	ENE	3	m	2	86	70	—		

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER CHARTS

for 8 a.m. on Sunday 26 July 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

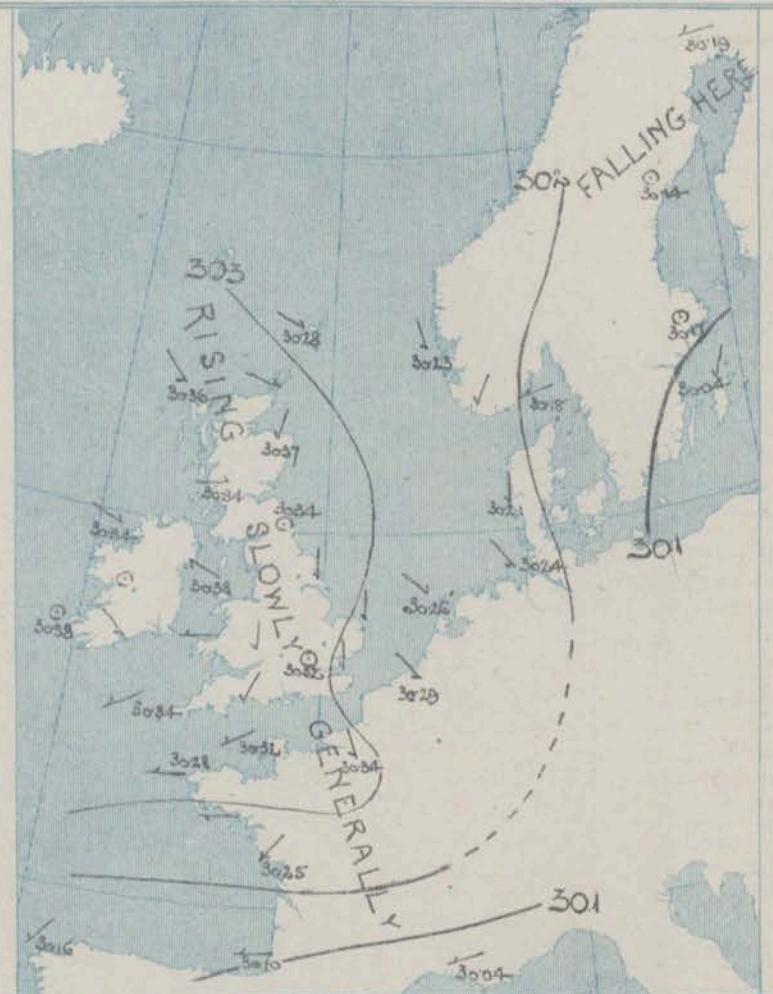
**Sea Disturbance**—where considerable is shown thus

■ = Rough. ■ = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

for SUNDAY 26<sup>th</sup> JULY 1885. at 8 a.m.

The anticyclone which lay over the southern parts of England and Ireland yesterday has extended northwards and now covers the whole Kingdom. The barometer has therefore risen again at our northern stations and a general increase of pressure is at present in progress. Light N<sup>th</sup> breezes prevail on the shores of the North Sea and moderate N<sup>th</sup> or E<sup>th</sup> breezes in France but over our islands the wind is very light and variable. The weather is dull on our west and north coasts, with fog or mist at several of the Irish stations and rain at Bismullet; elsewhere, however, the weather remains fine. Temperature has fallen considerably in Scotland and the north of Ireland, but risen over England; readings now range from 76° at Brawle Point to 52° in the Shetlands. During yesterday the thermometer rose to 84° in London, 86° at York and Oxford, 88° at Cambridge and 89° at Loughborough.

The sea is smooth or nearly so on all coasts

## FORECASTS

for the 24 hours ending at NOON on 27<sup>th</sup> JULY 1885.  
(Issued at 11 a.m. on the 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

ISSUED

NONE

6 { SCOTLAND  
WEST

7 { ENGLAND  
N.W.

8 { ENGLAND  
S.W.

9 { IRELAND  
NORTH

10 { IRELAND  
SOUTH

WARNINGS

ISSUED

NONE



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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes	30.19	63	58	NW	5	af	2	Holyhead	30.24	70	65	SW	2	b m 2
Sumburgh Head	30.24	55		N		m	2	Valencia	30.25	72	64	SW	3	b m 3
Sornoway	30.25	62	60	NSW	5	am	4	Scilly	30.34	68	66	NNW	2	b 3
Aberdeen	30.17	78	69	L	0	b	0	Dungeness	30.22	69	65	NSW	1	b 1
Shields	30.26	79	66	W	3	bc	2	London	30.31	82	66	L	0	b *
Ardrossan	30.26	68	64	SW	2	c	4	Yarmouth	30.31	65	61	SSE	2	b 1
Malin Head	30.24	64	61	W	4	m	4	Jersey	30.29	76	63	ENE	3	b 2
Mullaghmore	30.26	71	62	SSW	4	c	2	Rochefort	30.19	93	73	E	4	b 2
Belmullet	30.21	62	61	SSW	2	o	*							

## REMARKS.

A important change has occurred since the morning beyond a considerable rise of temperature over Great Britain  
 In London the thermometer now stands at 87°. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for *Monday — 27<sup>th</sup> July 1885.*

*Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.*

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 .....	30.07	56	Z	0	c	30.02	— .17	60	58	+ .3	Z	0	*	*	*	61	54	0.20
Hernösand .....	30.10	55	Z	0	c	30.09	— .05	57	54	+ .1	N	2	0	*	*	63	54	—
Stockholm .....	30.15	61	Z	0	bc	30.09	— .08	61	57	+ .2	Z	0	0	*	*	70	48	—
Wisby .....	30.11	46	NE	4	f	30.08	+ .04	58	55	+ .4	NE	4	bc	*	*	59	46	—
Bodö .....	30.08	57	SW	2	b	30.04	— .04	58	49	—	SW	2	0	2	*	61	48	—
Christiansund .....	30.20	53	N	4	0	30.18	—	51	49	—	WSW	5	f	3	*	55	48	0.24
Skudesnaes .....	30.25	55	NW	6	0	30.26	+ .03	55	51	— .3	NW	6	0	3	*	59	55	—
Oxö (Åtlandsund) .....	30.12	65	WSW	4	b	30.07	— .14	64	57	+ .2	WSW	1	b	1	*	66	61	—
Skagen (The Skaw) .....	30.13	63	S	2	0	30.03	— .15	60	58	— .2	SW	2	b	1	*	72	57	—
Fanö .....	30.22	58	NW	4	m	30.19	— .03	58	54	0	NW	6	c	*	*	68	54	—
Cuxhaven .....	30.46	59	NW	3	b	30.25	+ .01	60	59	0	SE	4	0	*	*	63	58	—
† Sumburgh Head .....	30.30	56	W	4	c	30.30	+ .02	52	50	0	W	3	0	3	*	57	49	0.01
† Stornoway .....	30.39	58	NW	2	bc	30.42	+ .06	54	51	0	WNW	3	0	2	*	60	51	—
Wick .....	30.37	55	NNW	1	0	30.40	+ .07	54	52	— .2	WNW	1	0	0	*	58	50	—
Nairn .....	30.37	59	E	1	c	30.41	+ .06	58	54	+ .1	Z	0	0	1	*	65	54	—
† Aberdeen .....	30.37	57	ENE	1	0	30.41	+ .04	57	53	+ .1	NNE	1	0	0	*	61	53	0.01
Leith .....	30.24	56	E	1	d	30.37	+ .04	55	55	— .4	E	1	od	*	*	59	54	0.13
† Shields .....	30.02	60	E	1	0	30.39	— .05	55	55	— .10	ENE	2	0	3	*	69	54	0.28
Spurn Head .....	30.31	63	ENE	2	bc	30.33	+ .01	58	58	— .9	ENE	1	f	2	*	74	57	—
York .....	30.30	75	ESE	1	b	30.34	— .00	62	61	— .8	NNE	1	0	*	*	83	60	—
Loughborough .....	30.27	83	Z	0	bc	30.32	— .03	74	66	+ .2	Z	0	bm	*	*	89	58	—
† Ardrossan .....	30.34	60	WNW	2	0	30.36	+ .02	59	57	— .3	ENE	3	cm	1	*	65	51	0.03
Malin Head .....	30.39	53	NNE	2	c	30.40	+ .03	53	53	— .4	NNE	4	b	5	*	?	52	0.09
† Mullaghmore .....	30.34	62	ENE	2	cm	30.35	+ .04	56	54	— .8	E	5	oxt	3	*	64	54	0.21
Belmullet .....	30.36	57	E	3	0	30.35	+ .01	57	56	0	E	3	0	*	*	60	55	0.10
Donaghadee .....	30.38	56	NNW	4	m	30.38	+ .01	55	54	— .2	N	5	m	3	*	58	53	—
Barrow-in-Furness .....	30.30	71	NW	2	b	30.30	— .04	63	62	— .1	NNW	1	0	*	*	71	62	0.02
Liverpool (Bidston) .....	30.33	69	WNW	1	b	30.33	— .03	63	62	— .7	WNW	1	c	2	*	75	61	—
† Holyhead .....	30.35	64	NW	1	b	30.35	— .03	58	57	— .11	N	3	c	2	*	73	56	—
Parsonstown .....	30.34	75	Z	0	b	30.35	— .04	63	62	— .1	NNE	1	0	*	*	77	61	—
† Valencia .....	30.35	66	SW	2	b	30.32	— .06	64	63	+ .2	N	2	cm	2	*	72	58	—
Roche's Point .....	30.35	68	SSW	2	bc	30.33	— .04	64	60	0	N	2	f	3	*	72	56	—
Pembroke .....	30.32	65	NW	2	b	30.28	— .08	69	64	+ .4	ENE	1	b	1	*	70	60	—
† Seilly .....	30.31	64	NNE	2	c	30.32	— .02	62	62	— .3	NE	3	c	3	*	74	58	—
Prawle Point .....	30.29	80	NNW	1	b	30.27	— .08	70	65	— .6	NNE	1	b	1	*	82	63	—
Hurst Castle .....	30.29	76	WSW	2	bm	30.30	— .04	70	66	+ .2	Z	0	bm	0	*	82	57	—
† Dungeness .....	30.28	70	N	3	b	30.29	— .06	68	65	— .3	NE	3	b	1	*	77	56	—
† London .....	30.28	78	SE	1	b	30.30	— .02	71	65	+ .1	NE	2	bm	*	*	87	60	—
Oxford .....	30.28	76	NW	1	b	30.31	— .04	70	66	— .1	NNE	1	b	*	*	85	61	—
Cambridge .....	30.33	80	Z	0	bc	30.31	— .03	69	65	— .3	N	1	0	*	*	87	59	—
† Yarmouth .....	30.30	71	NNE	2	b	30.32	+ .02	62	60	— .8	ENE	2	bc	2	*	74	58	—
The Helder .....	30.26	66	Z	0	b	30.28	+ .02	63	60	— .1	NNE	1	c	?	*	?	?	—
Cape Gris Nez .....	30.27	67	NE	3	m	30.26	— .02	62	62	— .2	NE	3	f	2	*	72	61	—
† Jersey .....	30.26	79	NE	1	b	30.24	— .08	71	64	+ .2	ENE	1	bm	1	*	82	64	—
Brest .....	30.24	71	NE	5	b	30.20	— .08	70	62	+ .4	ENE	5	b	3	*	88	64	—
Lorient .....	30.24	79	ENE	4	bc	30.21	— .09	67	63	+ .2	ENE	4	b	1	*	90	61	—
† Rochefort .....	30.16	85	ENE	5	b	30.15	— .10	69	65	+ .5	ENE	5	b	2	*	93	61	—
† Biarritz .....	30.03	73	W	4	bc	29.98	— .12	70	68	— .2	Z	0	c	0	*	82	66	—
Corunna .....	*	*	*	*	*	30.25	— .04	67	62	+ .7	NE	3	b	*	*	81	60	—
Brussels .....	*	*	*	*	*	30.25	— .04	67	62	+ .7	NE	3	b	*	*	81	60	—
Charleville .....	?	?	?	?	?	30.24	— .07	68	64	+ .7	NE	1	b	*	*	82	55	—
Paris .....	30.24	82	NW	1	b	30.24	— .10	73	67	+ .6	NW	1	b	*	*	?	?	—
Lyons .....	30.06	80	N	5	bc	30.12	—	64	57	—	NNW	4	b	*	*	85	61	—
Toulon .....	29.94	81	W	4	mv	30.00	— .04	73	70	— .2	E	4	m	2	*	88	70	—

## EXPLANATION OF COLUMNS.

WEATHER.—Hawford 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER

for 8 a.m. on

# CHARTS

Monday 27<sup>th</sup> July 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

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

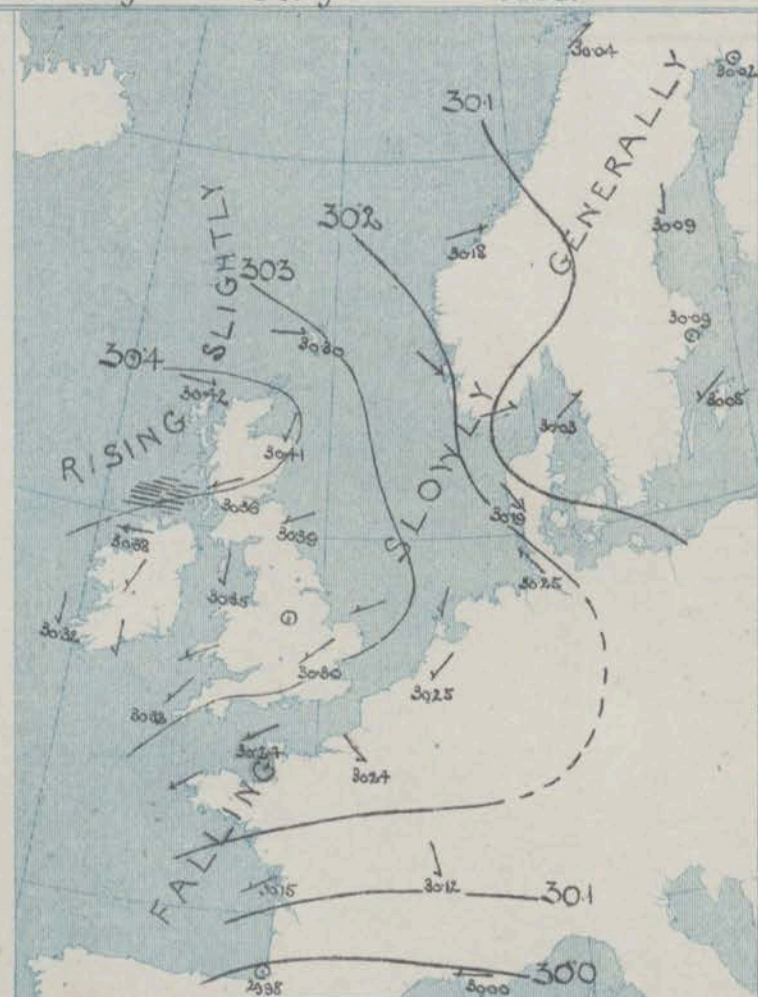
— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July

During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

for MONDAY 27<sup>th</sup> JULY 1885. at 8 a.m.

A large anticyclone still lies over our islands, while relatively low pressures are found over Sweden and the south of France. In Scotland, where the central portion of the anticyclone is now found, the barometer continues to rise, but elsewhere a slight fall is reported. The wind is light from N. in the north of Scotland and strong from W.S.W. on the eastern shores of the North Sea, but over England, Ireland and France it is light or moderate from between N.E. and E. The weather is dull over the northern and northwestern parts of our islands, with fog at Spurn Head and Hooker Point and drizzling rain at Leith; elsewhere, however, conditions remain fine and bright. Rain fell yesterday at several of our northern stations. Temperature has fallen considerably over the west and north of England and readings now range from 74° at Loughborough to 52° at Sumburgh Head. During yesterday, the thermometer recorded 80° at all our more central and southern stations; in London and at Cambridge it rose to 84° and at Loughborough to 89°. The sea is rather rough at Malin Head, slight or smooth elsewhere.

With the present distribution of pressure the dull, cool, weather reported over northern England is likely to extend southwards, and rain will probably fall locally.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 23<sup>rd</sup> Inst. in Long. 48° to 49° W.

# FORECASTS

For the 24 hours ending at NOON on 28<sup>th</sup> JULY 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	Variable or N.W. winds; fair generally	6 { SCOTLAND WEST	N.W. winds, light or moderate; fair generally
1 { SCOTLAND EAST	N.W. winds, light; cloudy; rain locally.	7 { ENGLAND N.W.	-----D-----D-----D-----
2 { ENGLAND N.E.	N.E. winds, light or moderate; cloudy; rain locally.	8 { ENGLAND S.W.	N.E. winds, moderate; fair generally.
3 { ENGLAND EAST	Same as N° 5.	9 { IRELAND NORTH	N. and N.E. winds, moderate; fine generally
4 { MIDLAND COUNTIES	Same as N° 5.	10 { IRELAND SOUTH	-----D-----D-----D-----
5 { ENGLAND SOUTH	N.E. winds, moderate; weather becoming cloudy and much cooler. Rain locally.	WARNINGS	NONE ISSUED.



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.													
	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	30.25	59	57	NW	6	of 3	Holyhead						
Sumburgh Head							Valencia						
Stornoway							Scilly.						
Aberdeen							Dungeneas						
Shields							London						*
Ardrossan							Yarmouth						
Malin Head							Jersey						
Mullaghmore							Rocheport	30.25	89	72	ENE	7	6 3
Belmullet													

## REMARKS.

### Summary of changes in the weather over the British Islands and their Neighbourhood from the 19<sup>th</sup> to the 25<sup>th</sup> JULY 1885.

The weather of this week consisted of two distinct parts (1) Cyclonic, complex and showery (in continuation of that experienced last week), and (2) Anticyclonic, and dry.

In the former period rain fell very generally - heavily at all the western stations, but slightly in the south and east. The winds were very variable, but blew rather strongly from WSW in the Channel, and temperature was low.

On Monday, the 20<sup>th</sup>, an improvement commenced; the various depressions filled up, the barometer rose, a large anticyclone was formed over our islands, the weather cleared up gradually, and the wind became very light & variable. Temperature increased - slowly at first, but afterwards more decidedly. On Thursday a maximum of 81° was recorded at Louth; on Friday readings of 82° to 84° were registered over the north Midlands, and on Saturday the warmth became more general, the maxima recorded being 89° at Loughborough, 88° at Cambridge, 86° at York and Oxford, 84° in London and 83° at Aberdeen. At the close of the week there was no indication of any material change.

The Subscription for these Reports, forwarded by book post is £1 per annum, payable in advance.



# DAILY WEATHER REPORT

for Tuesday 28<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.		Difference from 8 a.m. yesterday.	WIND.		Temp. in Shade.	Force. (0 to 12).	Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force.				Dry.	Wet.		Dir.	Force.					Max.	Min.	
Haparanda	30.03	56	2	0	0	29.96	-0.06	59	58	-1	2	0	0	0	0	0	66	54	-
Hernösand	30.07	57	NW	2	bc	30.07	-0.02	58	51	+1	N	4	bc	0	0	0	63	52	-
Stockholm	30.04	57	2	0	h	30.03	-0.04	58	54	-3	N	2	bc	0	0	0	64	55	0.16
Wisby	29.99	58	N	4	0	29.96	-0.12	57	53	-1	E.N.E.	4	0	0	0	0	66	46	-
Bodö	30.05	51	SW	2	0	30.02	-0.02	53	52	0	2	0	0	0	0	0	64	59	-
Christiansund	30.15	55	WSW	3	0	30.15	-0.03	51	50	0	WSW	6	f	4	4	4	55	48	0.16
Skudesnaes	30.27	54	NW	6	0	30.28	+0.02	53	53	0	NW	4	0	3	3	3	59	54	-
Oxö (Xtiansund)	30.05	69	N.W.	6	b	30.17	+0.10	62	55	-2	N.W.	4	bc	1	1	1	74	59	-
Skagen (The Skaw)	30.03	59	N	2	bc	30.10	+0.07	61	58	+1	N.E.	0	0	1	1	1	68	59	-
Fanö	30.15	55	NW	6	b	30.16	-0.03	62	60	+4	NW	6	b	0	0	0	63	55	-
Cuxhaven	30.25	60	N.W.	4	c	30.21	-0.04	62	59	+2	N.W.	6	bc	0	0	0	63	58	-
Samburgh Head	30.31	52	W	4	0	30.34	+0.04	51	50	-1	W	4	0	3	3	3	55	49	0.02
Stornoway	30.42	60	W	3	b	30.44	+0.02	58	54	+4	N.E.	1	b	0	0	0	61	44	-
Wick	30.41	57	NW	1	bc	30.42	+0.02	55	53	+1	NW	1	b	0	0	0	64	45	-
Nairn	30.37	62	N.E.	1	b	30.43	+0.02	59	54	+1	NW	1	b	1	1	1	66	44	-
Aberdeen	30.41	58	S.E.	1	bc	30.43	+0.02	60	57	+3	N.W.	1	b.w.	0	0	0	62	44	-
Leith	30.39	57	N.E.	1	bc	30.41	+0.04	58	56	+3	W	1	b.w.	0	0	0	61	45	-
Shields	30.41	59	E	1	0	30.44	+0.05	58	53	+3	E.N.E.	1	0	2	2	2	61	54	-
Spurn Head	30.37	58	N.E.	3	0	30.41	+0.08	57	55	-1	N.E.	3	c	2	2	2	60	55	-
York	30.39	60	E	1	0	30.45	+0.11	57	53	-5	E.N.E.	1	0	0	0	0	63	55	0.01
Loughborough	30.34	65	E.N.E.	6	0	30.42	+0.10	58	54	-16	E.N.E.	4	c	0	0	0	81	55	0.01
Ardrossan	30.36	67	E.N.E.	1	b.w.	30.43	+0.07	61	57	+2	S.E.	1	b	0	0	0	68	51	-
Malin Head	30.37	56	N.E.	3	b	30.39	-0.01	57	54	+2	E.N.E.	2	bc	3	3	3	59	51	-
Mullaghmore	30.36	63	E.N.E.	5	c	30.38	-0.00	59	57	+3	E.N.E.	4	bc	3	3	3	67	55	-
Beimullet	30.37	59	N.E.	3	b	30.34	-0.01	62	60	+5	E	2	bc	0	0	0	62	56	-
Donaghadee	30.38	60	N	4	b	30.42	+0.04	57	55	+2	E	3	c	1	1	1	64	54	0.01
Barrow-in-Furness	30.30	64	N.E.	2	0	30.39	+0.09	57	54	-6	N.E.	2	0	0	0	0	66	56	0.02
Liverpool (Bidston)	30.32	66	E.N.E.	2	c	30.40	+0.07	58	54	-5	E	2	0	3	3	3	66	56	-
Holyhead	30.33	60	N	3	bc	30.34	-0.01	61	58	+3	E	6	c	5	5	5	64	57	-
Parsonstown	30.33	71	N.E.	1	bc	30.36	+0.01	64	60	+1	N.E.	2	bc	0	0	0	71	57	-
Valencia	30.27	72	N.W.	3	b.c.m.	30.27	-0.05	71	68	+4	2	0	b.c.m.	0	0	0	77	59	-
Roche's Point	30.31	68	S.S.E.	2	bc	30.28	-0.05	65	62	+1	E	5	m	4	4	4	68	59	-
Pembroke	30.23	68	N	4	c	30.30	+0.02	62	60	-4	S.S.E.	4	og	2	2	2	77	61	-
Scilly	30.21	68	N.E.	3	b	30.21	-0.11	63	62	+1	E	6	0	4	4	4	73	60	-
Prawle Point	30.21	72	E.N.E.	1	b	30.23	+0.01	60	59	-10	E.N.E.	5	0	5	5	5	76	59	-
Hurst Castle	30.24	73	E.S.E.	2	bc	30.31	+0.01	63	60	-4	E	5	0	5	5	5	82	56	-
Dungeness	30.26	64	E	3	bc	30.31	+0.02	60	58	-8	E	4	c	3	3	3	77	56	-
London	30.27	70	E.N.E.	3	b	30.35	+0.05	60	55	-11	E	3	0	0	0	0	84	59	-
Oxford	30.28	67	N.E.	3	b	30.37	+0.06	58	54	-12	N.E.	3	og	0	0	0	85	58	-
Cambridge	30.29	68	N.E.	1	0	30.40	+0.09	59	54	-10	N.E.	2	0	0	0	0	84	56	-
Yarmouth	30.33	62	N.E.	3	c	30.37	+0.05	60	55	-2	N.E.	4	c	4	4	4	66	56	-
The Helder	30.30	60	N	3	c	30.32	+0.04	60	56	-3	N	4	c	3	3	3	64	57	-
Cape Gris Nez	30.14	73	E.N.E.	4	b	30.20	-0.04	62	60	-9	E.N.E.	6	om	4	4	4	81	60	-
Jersey	30.11	77	E	4	b	30.10	-0.10	66	63	-4	E	5	0	3	3	3	88	64	-
Brest	30.07	78	N.E.	7	b	30.10	-0.11	68	64	+1	E	7	bc	2	2	2	86	63	-
Lorient	30.01	68	E	7	b	30.04	-0.11	71	64	+2	E.N.E.	5	b	2	2	2	93	63	-
Rochefort	29.89	84	2	0	c	29.91	-0.07	73	68	+3	E.S.E.	3	0	2	2	2	86	69	-
Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	-
Charleville	30.21	74	E.N.E.	7	b	30.24	-0.00	59	54	-9	N.E.	7	b	0	0	0	82	55	-
Paris	30.24	81	N	4	b	30.24	-0.00	64	59	-9	N	1	b	0	0	0	87	61	-
Lyons	29.98	84	N	4	b	30.06	-0.06	67	59	+3	N	3	b	0	0	0	87	61	-
Toulon	29.96	?	SW	3	m	30.04	+0.04	59	53	-14	E	1	m	2	2	2	88	57	-

## EXPLANATION OF COLUMNS

WEATHER.—Bouffort 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER

for 8 a.m. on

Tuesday,

28<sup>th</sup>

# CHARTS

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

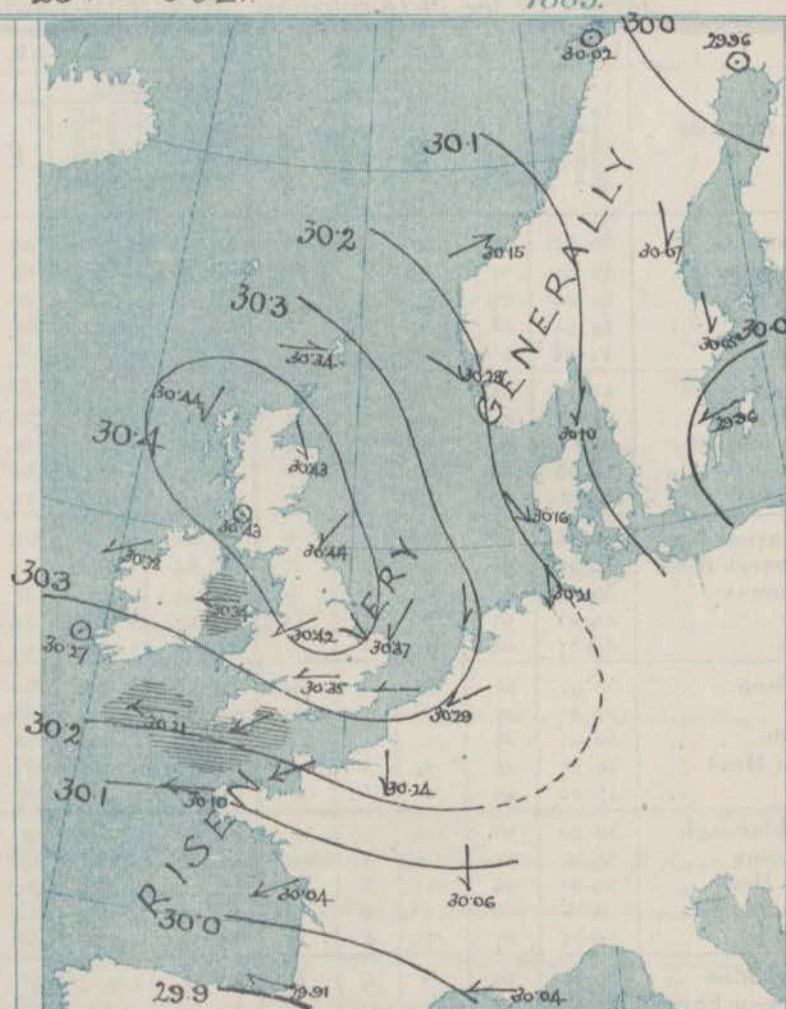
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — force above 10; — force 8 to 10;  
 — force 5 to 7; — force 1 to 4;  
 ○ = dead calm.

**Sea Disturbance** — where considerable is shown thus  
 — Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.950
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

for Tuesday 28<sup>th</sup> July 1885. at 8 a.m.

The central portion of the anticyclone, in which readings exceed 30.4 ins now lies over our north and north-east coasts, and the barometer is again rising at nearly all stations. Relatively low pressures are still reported over Sweden and the south of France. The wind is light from NW. in the east of Scotland, and strong from the same quarter on the eastern shores of the North Sea, but over England, Ireland and France it varies between E. and NE. A strong E<sup>2</sup> breeze is blowing at the mouth of the Channel. The weather is cloudy at most of the English stations, and also in the west of Norway, but generally fine elsewhere. Slight rain fell yesterday at one or two of our western and northern stations. Temperature has fallen several degrees over Central and southern England, as well as in the north-east of France, and readings now range from 71° at Valencia to 51° at Sumburgh Head. During the early part of yesterday the thermometer rose to 81° at Loughborough, and Jersey, 82° at Hurst Castle, 81° in London and at Cambridge and 85° at Oxford. The sea is rather rough at Holpland, Scilly, and Chawle Point, moderate to smooth elsewhere.

There is at present no indication of much change, but the weather over our southern countries seems likely to prove merely temporary, and a renewed rise of temperature is probable tomorrow.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 19<sup>th</sup> Inst in Long. 49° to 50° W.

# FORECASTS

for the 24 hours ending at NOON on 29<sup>th</sup> July. 1885.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W <sup>2</sup> or NW <sup>2</sup> winds, light, fair generally.	6 { SCOTLAND WEST	Variable or E <sup>2</sup> airs; fine generally.
1 { SCOTLAND EAST	Variable or NW <sup>2</sup> airs; fine generally.	7 { ENGLAND N.W.	Same as Nos 2 to 4.
2 { ENGLAND N.E.	NE <sup>2</sup> winds, light or moderate; fair, cool.	8 { ENGLAND S.W.	E <sup>2</sup> winds, fresh; fair generally.
3 { ENGLAND EAST	-----D°-----D°-----D°-----	9 { IRELAND NORTH	E <sup>2</sup> winds, moderate; fine generally.
4 { MIDLAND COUNTIES	-----D°-----D°-----D°-----	10 { IRELAND SOUTH	-----D°-----D°-----D°-----
5 { ENGLAND SOUTH	E <sup>2</sup> and NE <sup>2</sup> winds, moderate; fair, cool.	WARNINGS	None issued



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

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	30.27	58	53	WNW	6	c	3	Holyhead	30.35	61	59	N	2	c	2
Sumburgh Head	30.31	54	52	W	4	0	3	Valencia	30.31	75	70	N	3	bm	3
Stornoway	30.42	59	54	WNW	3	0	2	Scilly	30.24	73	70	E	3	c	4
Aberdeen	30.41	60	55	E	1	bc	0	Dungeness	30.27	62	65	ESE	3	b	2
Shields	30.41	59	57	EHE	2	0	3	London	30.26	80	70	EHE	3	bc	*
Ardrossan	30.37	62	62	HE	3	cm	1	Yarmouth	30.33	66	63	EHE	2	bc	2
Malin Head	30.40	66	54	NHE	4	b	5	Jersey	30.19	79	66	EHE	4	b	3
Mullaghmore	30.37	65	61	HE	4	c	2	Rocheport	30.38	91	71	EHE	7	b	2
Belmullet	30.37	61	58	E	2	bc	*								

## REMARKS.

The barometer continues to fall a little at most of our western and southern stations, but is inclined to rise in the north and east. Very little change has occurred in the winds. Fair weather prevails generally, but overcast skies are reported locally. The sea is rather rough at Malin Head, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Wednesday 29th July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

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	29.94	54	2	0	r	29.89	- .07	58	55	-	1	W	2	c	•	66	52	0.12	
Hernösand	30.02	57	2	0	b	29.99	- .08	57	50	-	1	NNW	2	b	•	72	52	0.04	
Stockholm	30.04	57	2	0	b	30.03	- .02	57	51	-	1	2	0	b	•	64	50	-	
Wishby	29.94	54	NE	2	bc	29.97	+ .01	56	53	-	1	N	4	b	•	57	46	-	
Bodö	30.07	53	WSW	2	bc	30.01	- .01	51	50	-	2	SSW	2	r	1	55	48	0.08	
Christiansund	30.19	52	WSW	3	f	30.10	- .05	52	51	+	1	WSW	7	r	5	54	48	0.16	
Skudesnaes	30.25	54	NW	4	o	30.25	- .03	57	51	+	2	NW	4	o	3	59	54	-	
Oxö (Christiansund)	30.11	69	NNW	2	bc	30.12	- .05	62	55	-	0	N	4	o	1	2	59	-	
Skagen (The Skaw)	30.11	59	NW	2	bc	30.07	- .03	62	60	+	1	WSW	2	c	0	68	55	-	
Fanö	30.19	56	NW	6	c	30.17	+ .01	59	59	-	3	NW	4	c	•	66	55	-	
Cuxhaven	30.22	60	NNW	5	bc	30.21	- .00	61	58	-	1	N	4	bc	•	7	58	-	
Sumburgh Head	30.31	52	WNW	4	r	30.31	- .03	57	50	-	0	NW	4	o	4	56	47	0.01	
Stornoway	30.43	62	NNE	1	b	30.40	- .04	54	51	-	4	E	1	c	0	67	48	-	
Wick	30.43	58	NT	2	c	30.40	- .02	52	50	-	3	NT	2	o	0	66	48	-	
Nairn	30.38	66	2	0	b	30.37	- .04	56	52	-	3	NE	1	c	1	75	43	-	
Aberdeen	30.42	63	SE	1	b	30.41	- .02	53	51	-	7	N	1	o	0	67	43	-	
Leith	30.35	67	SE	1	b	30.38	- .03	61	57	+	3	ESE	1	bm	•	71	50	-	
Shields	30.41	60	E	2	b	30.40	- .01	59	57	+	1	N	1	c	3	62	45	-	
Spurn Head	30.39	59	NE	3	c	30.36	- .03	58	57	+	1	N	4	c	3	61	53	-	
York	30.41	61	E	1	c	30.40	- .01	57	54	-	0	NE	1	b	•	64	42	-	
Loughborough	30.37	65	ENE	4	c	30.38	- .04	59	55	+	1	NE	3	o	•	72	53	-	
Ardrrossan	30.35	69	2	0	b	30.38	- .05	63	58	+	2	2	0	bm	0	71	52	-	
Malin Head	30.40	59	E	4	m	30.37	- .02	63	59	+	6	SSE	3	m	3	64	55	-	
Mullaghmore	30.32	66	E	3	b	30.33	- .05	61	58	+	2	ESE	4	bm	3	68	56	-	
Belmullet	30.31	66	E	3	b	30.30	- .01	62	60	-	0	E	1	b	•	70	54	-	
Donaghadee	30.38	61	N	1	b	30.40	- .02	60	57	+	3	ESE	2	b	1	65	47	-	
Barrow-in-Furness	30.35	66	ESE	3	b	30.38	- .01	58	54	+	1	SE	1	b	•	68	52	-	
Liverpool (Bidston)	30.34	65	E	2	m	30.38	- .02	60	54	+	2	ESE	1	b	2	70	50	-	
Holyhead	30.32	66	ENE	3	bc	30.36	+.02	59	52	-	2	E	5	b	4	69	54	-	
Parsonstown	30.30	70	NE	1	b	30.34	- .02	61	58	-	3	ESE	1	b	•	72	51	-	
Valencia	30.25	71	SW	2	om	30.26	- .01	67	63	-	4	SE	1	bm	1	78	60	-	
Roche's Point	30.28	66	ESE	3	m	30.29	+.01	62	58	-	3	ESE	5	m	4	69	56	-	
Pembroke	30.27	63	NT	2	c	30.27	+.02	57	54	-	5	ESE	4	bc	3	65	52	-	
Seilly	30.18	63	E	6	bm	30.21	+.03	60	58	-	3	E	7	o	6	65	58	-	
Prawle Point	30.23	61	ENE	4	b	30.27	- .01	58	56	-	2	ENE	5	o	5	64	55	-	
Hurst Castle	30.27	69	ENE	5	b	30.31	+.04	61	56	-	2	ENE	6	o	6	74	57	-	
Dungeness	30.29	61	E	5	bc	30.29	- .02	61	59	+	1	E	5	c	4	72	59	-	
London	30.31	64	ENE	4	b	30.30	- .02	60	54	-	0	ENE	2	o	•	73	58	-	
Oxford	30.33	61	NE	3	b	30.35	- .02	59	53	+	1	ENE	1	b	•	71	56	-	
Cambridge	30.37	64	NE	1	c	30.35	- .02	61	51	+	2	NE	1	a	•	71	55	-	
Yarmouth	30.36	61	NNE	4	om	30.33	- .04	60	56	-	0	NE	4	bc	3	63	56	-	
The Helder	30.30	59	N	3	o	30.27	- .03	60	54	-	0	N	3	c	3	61	57	-	
Cape Gris Nez	30.14	64	ENE	6	bm	30.18	- .02	62	57	-	0	ENE	7	bm	5	66	58	-	
Jersey	30.05	69	E	5	b	30.08	- .02	61	58	-	5	E	7	b	3	79	59	-	
Brest	30.03	74	NE	8	b	30.07	- .03	63	57	-	5	E	8	b	3	84	57	-	
Lorient	29.97	85	E	5	b	30.01	- .03	67	59	-	4	ESE	7	c	3	97	61	-	
Rochefort	29.94	76	E	1	o	29.94	+.02	71	68	-	2	W	4	b	1	90	68	0.08	
Biarritz	*	*	*	*	*	30.26	- .03	58	52	-	1	NE	3	o	•	73	56	-	
Corunna	*	*	*	*	*	30.26	- .03	58	52	-	1	NE	3	o	•	73	56	-	
Brussels	*	*	*	*	*	30.26	- .03	58	52	-	1	NE	3	o	•	73	56	-	
Charleville	30.19	69	NE	5	b	30.22	- .02	56	51	-	3	ENE	7	b	•	75	55	-	
Paris	30.15	77	NNE	3	b	30.10	- .04	60	55	-	4	NE	4	b	•	•	•	-	
Lyons	29.98	85	N	3	b	30.02	- .04	64	55	-	3	N	3	b	•	88	60	-	
Toulon	29.95	82	WSW	3	bc	29.91	- .04	73	68	-	4	NNW	3	m	2	90	?	-	

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by the Meteorological Office, London.



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY 28<sup>th</sup> JULY.

## BAROMETER, WIND & SEA.

### Explanation of Map

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

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

→ force 10, → force 8 to 10, → force 5 to 7, → force 1 to 4, → dead calm.

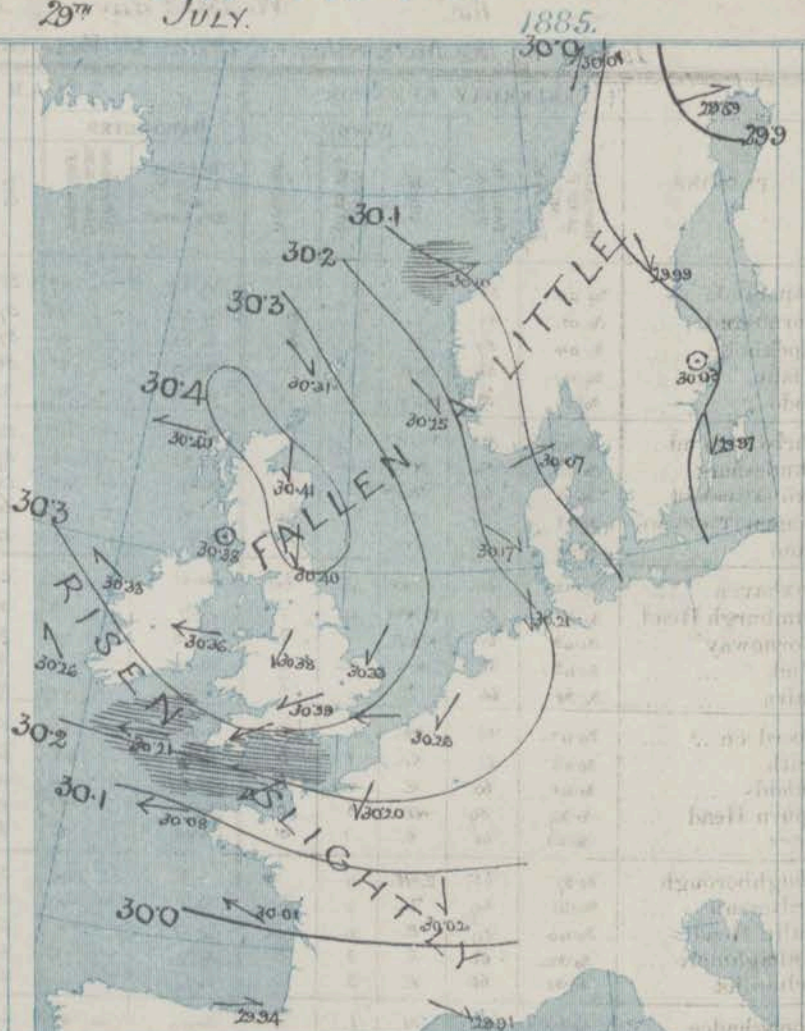
**Sea Disturbance** — where considerable is shown thus

High — High

## MEAN HEIGHT of the BAROMETER.

at 8 a.m. for the month of July during the 10 years 1871-1880.

STATIONS.	MEAN READINGS.
Sunbury Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

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

**Weather** — is shown by letters of the Beaufort Scale.

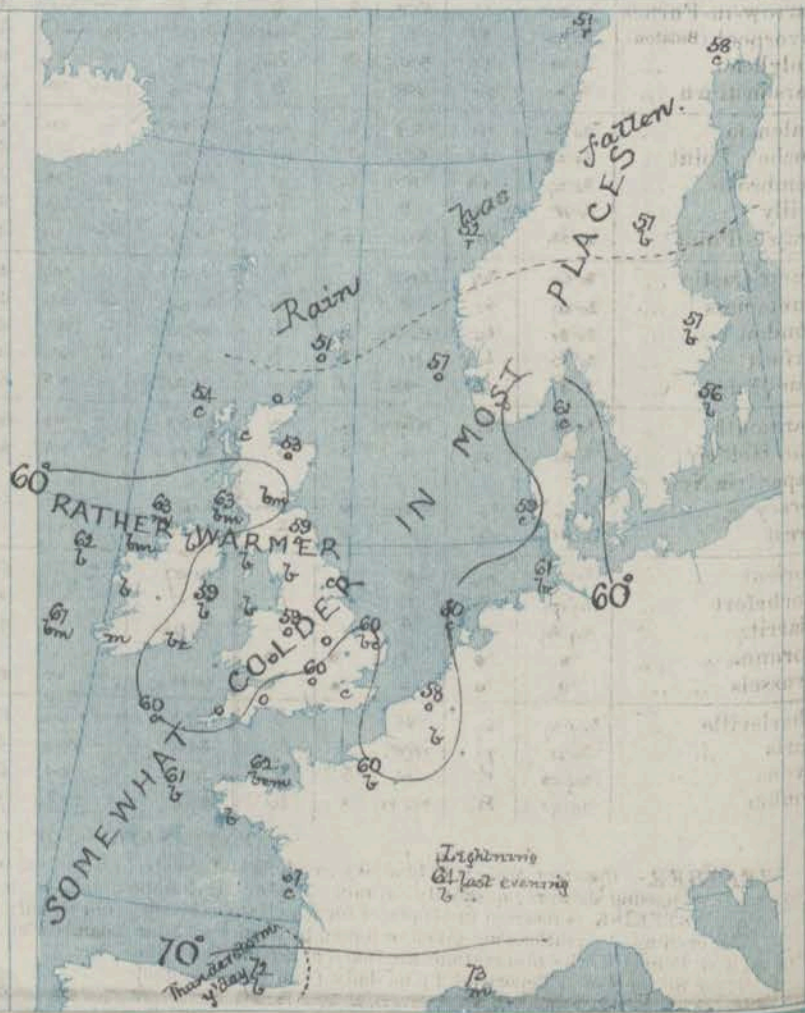
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of .1 5m. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 4 p.m.	
Sunbury Head	57.9	48.5	53.7	52.2	2.06
Stornoway	56.0	49.7	56.4	54.3	3.00
Wick	56.2	49.4	56.2	53.9	2.19
Nairn	55.0	51.6	57.4	53.7	2.55
Aberdeen	54.4	51.7	57.9	54.4	2.60
Leith	58.0	52.0	59.1	55.9	2.62
Shields	54.6	53.6	58.8	55.5	2.56
York	58.1	52.3	59.7	56.5	2.41
Ardrossan	54.0	53.8	57.8	54.8	2.82
Donaghadee	52.5	52.0	52.7	52.0	2.55
Holyhead	54.5	55.0	58.8	56.1	2.19
Liverpool	56.1	54.6	59.8	56.1	3.01
Valencia	54.5	53.9	59.0	56.2	3.59
Roche's Point	58.2	53.9	59.1	56.0	3.07
Pembroke	54.0	55.4	58.5	56.2	2.12
Scilly	54.0	50.9	60.3	58.2	1.96
Hurst Castle	57.9	56.4	61.7	59.2	2.31
Dover	57.4	57.5	63.0	59.2	1.92
LONDON	57.2	54.2	62.5	58.8	2.30
Oxford	59.9	53.7	60.4	57.1	2.60
Cambridge	52.5	52.8	61.3	58.0	2.41
Yarmouth	56.1	55.5	61.4	58.4	2.82

NOTE: The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 10 years 1866-80.





# REMARKS.

for WEDNESDAY 29<sup>th</sup> JULY 1885, at 8 a.m.

Since yesterday the barometer has fallen on our north and east coasts, while it has risen in the west and south-west, but the changes have been exceedingly slight, and the general distribution of pressure remains unaltered.

Light or moderate breezes from between N. and NW prevail on our north and east coasts and also on the eastern shores of the North Sea, but at our southern and the French stations the wind is fresh or strong from E. or NE, while on our western coasts moderate SE<sup>ly</sup> breezes are reported. Cloudy or overcast skies prevail at our southern

and also at our extreme northern station, but elsewhere the weather is generally fine. Temperature has risen a little in the northern parts of England and Ireland, but fallen in most other localities; readings now range from 67° at Valencia to 51° in the Shetlands. The maxima registered over England yesterday were 10° or 12° lower than those of the previous day.

The sea is rough in the western parts of the Channel, moderate to smooth elsewhere.

There is no indication of any important change in the weather.

## FORECASTS

for the 24 hours ending at NOON on 30<sup>th</sup> JULY 1885.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	NW <sup>ly</sup> and N <sup>ly</sup> winds, moderate; fair, cool.	6 { SCOTLAND WEST	Variable or E <sup>ly</sup> winds; fine generally.
2 { SCOTLAND EAST	-----D-----D-----D-----	7 { ENGLAND N.W.	E <sup>ly</sup> or SE <sup>ly</sup> winds, moderate; fine generally.
3 { ENGLAND N.E.	N <sup>ly</sup> and NE <sup>ly</sup> winds, moderate; fair generally.	8 { ENGLAND S.W.	E <sup>ly</sup> winds, fresh or strong; fair generally.
4 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	Same as N <sup>o</sup> 7.
5 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 { IRELAND SOUTH	Same as N <sup>o</sup> 7.
6 { ENGLAND SOUTH	NE <sup>ly</sup> winds, moderate; fair generally.	WARNINGS NONE ISSUED.	



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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	30.28	59	54	NW	6	c	3	Holyhead	30.35	68	62	E	4	bc	3
Sumburgh Head	30.33	55	53	W	4	o	3	Valencia	30.26	75	71	WSW	4	cm	5
Stornoway	30.43	66	55	W	1	b	1	Scilly	30.23	65	64	E	7	c	6
Aberdeen	30.43	60	55	SE	2	b	0	Dungeness	30.31	66	62	E	5	bc	3
Shields	30.43	59	54	E	2	b	2	London	30.33	69	59	E	3	b	*
Ardrossan	30.39	69	62	W	1	b	1	Yarmouth	30.38	62	57	NE	4	cv	4
Malin Head	30.36	59	57	E	4	m	3	Jersey	30.17	66	60	ENE	6	b	5
Mullaghmore	30.36	67	61	ENE	4	bm	2	Rocheport	30.01	94	76	E	7	b	2
Belmullet	30.34	67	64	E	2	c	*								

## REMARKS.

No important change has occurred since the morning, but the sky has cleared at the English stations and temperature is inclined to rise. At Rochefort the thermometer stands at 94° Fahr. The sea is rough at Scilly, rather rough at Valencia, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Thursday 30<sup>th</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

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	29.85	56	22	0	c	29.57	- 32	52	52	- 6	N	6	h	*	64	71	0.43	
Hernösand	29.91	60	NW	2	c	29.91	- 08	56	52	- 4	NW	4	c	*	73	48	-	
Stockholm	29.97	55	22	0	b	29.95	- 08	62	54	+ 8	NW	2	c	*	66	48	-	
Wibby	29.94	55	NW	4	bc	29.89	- 08	58	55	+ 3	NW	4	b	*	64	48	-	
Bodö	29.90	52	ESE	2	c	30.03	+ 02	51	50	0	2	0	b	1	52	43	0.04	
Christiansund	30.15	51	N	6	f	30.22	+ 12	50	48	- 2	N	6	c	5	52	46	1.06	
Skudesnaes	30.23	54	NW	2	b	30.20	- 05	55	54	- 1	NW	6	c	4	57	54	-	
Oxö (Åthausund)	30.09	64	NW	4	c	30.08	- 04	63	56	+ 7	N	4	b	1	66	59	-	
Skagen (The Skaw)	30.05	60	NW	2	b	30.02	- 05	63	61	+ 2	NW	2	b	0	68	55	-	
Fanö	30.13	56	NW	6	c	30.08	- 09	61	59	+ 2	NW	4	c	*	64	55	-	
Cuxhaven	30.21	59	NW	4	c	30.13	- 08	61	59	0	NW	5	c	*	61	58	-	
Sumburgh Head	30.31	51	NW	4	c	30.33	+ 02	49	47	- 2	N	2	c	2	52	46	-	
Stornoway	30.38	56	E	3	b	30.38	- 07	57	53	+ 4	S	1	b	0	59	46	-	
Wick	30.40	60	NW	2	bc	30.38	- 02	49	49	0	N	1	om	0	64	46	-	
Nairn	30.36	60	NE	1	b	30.36	- 03	43	51	+ 8	ESE	1	c	1	68	49	-	
Aberdeen	30.39	56	E	1	b	30.37	- 04	51	50	- 1	E	1	m	0	68	49	-	
Leith	30.35	64	SE	1	b	30.35	- 03	58	54	- 4	SE	1	cm	*	67	48	-	
Shields	30.37	61	ESE	2	b	30.37	- 03	54	52	- 2	N	1	c	2	63	53	-	
Spurn Head	30.34	59	NW	4	c	30.33	- 03	56	55	- 1	NW	3	c	3	63	54	-	
York	30.36	62	NE	2	c	30.36	- 04	56	53	- 3	NW	1	c	*	69	50	-	
Loughborough	30.33	65	NE	4	bc	30.34	- 04	56	53	- 3	NE	3	c	*	69	54	0.01	
Ardrossan	30.32	69	NW	1	b	30.35	- 03	62	58	- 4	NE	1	bm	0	69	51	-	
Malin Head	30.32	65	E	4	m	30.32	- 05	61	59	- 2	ESE	1	m	2	69	59	-	
Mullaghmore	30.30	70	ESE	4	b	30.31	- 02	62	59	+ 3	ESE	1	b	2	73	60	-	
Belmullet	30.28	73	22	0	b	30.28	- 02	62	59	0	E	1	b	0	74	56	-	
Donaghadee	30.35	62	SSW	1	b	30.35	- 05	60	57	0	SE	3	b	1	66	48	-	
Barrow-in-Furness	30.32	65	NW	3	bc	30.34	- 04	54	52	- 2	ESE	4	bc	*	67	52	-	
Liverpool (Bidston)	30.31	67	ESE	2	b	30.34	- 04	58	52	- 6	E	1	b	2	69	53	-	
Holyhead	30.32	61	NE	4	c	30.33	- 03	60	56	+ 4	ESE	3	b	2	69	53	-	
Parsonstown	30.29	73	ESE	1	b	30.32	- 02	60	57	- 3	22	0	b	*	76	48	-	
Valencia	30.25	69	E	4	bm	30.26	00	65	59	- 6	22	0	bm	1	75	51	-	
Roche's Point	30.31	62	SE	5	bc	30.29	00	63	59	+ 4	ESE	4	bc	4	65	51	-	
Pembroke	30.26	62	N	1	b	30.27	- 05	56	52	- 4	E	5	c	3	68	51	-	
Scilly	30.20	63	E	6	b	30.18	- 03	60	59	0	E	5	c	5	65	56	-	
Frawle Point	30.22	60	ESE	4	b	30.23	- 04	60	57	+ 3	ESE	5	bc	5	65	55	-	
Hurst Castle	30.23	67	E	5	b	30.27	- 04	61	60	0	E	5	c	3	75	53	-	
Dungeness	30.25	62	ESE	5	bc	30.24	- 05	60	58	- 2	E	4	c	3	68	58	-	
London	30.28	63	ESE	3	c	30.29	- 04	59	55	- 4	E	3	c	*	68	57	-	
Oxford	30.29	60	NE	3	c	30.31	- 04	57	53	- 4	NE	3	c	*	67	56	-	
Cambridge	30.32	63	N	2	c	30.31	- 04	57	53	- 4	N	2	c	*	67	52	0.01	
Yarmouth	30.31	62	NW	4	c	30.29	- 04	59	56	- 3	NW	3	c	3	63	56	-	
The Helder	30.26	60	NW	3	c	30.28	- 04	58	56	- 2	N	3	c	3	63	54	-	
Cape Gris Nez																		
Jersey	30.14	63	ESE	6	b	30.15	- 03	62	57	0	ESE	5	b	4	66	67	-	
Brest	30.09	69	E	5	b	30.11	+ 03	60	57	- 3	E	4	b	5	79	63	-	
Lorient	30.07	73	ESE	7	b	30.10	+ 03	59	55	- 4	ESE	7	b	3	79	54	-	
Rochefort	30.00	81	NE	5	b	30.03	+ 02	64	58	- 6	ESE	3	b	2	93	54	-	
Biarritz	29.98	73	NW	1	c	29.98	+ 04	68	68	0	ESE	1	c	0	77	68	-	
Corunna	*	*	*	*	*													
Brussels	*	*	*	*	*	30.22	- 04	57	54	- 3	NE	3	c	*	70	51	-	
Charleville	29.15	66	NE	4	b	30.17	- 05	56	52	0	NE	4	b	*	71	51	-	
Paris	30.15	71	NW	4	b	30.17	- 03	62	57	+ 5	NE	4	b	*	85	63	-	
Lyons	29.93	82	N	1	b	30.02	00	66	57	+ 9	SSE	1	b	*	86	63	-	
Toulon	29.92	80	N	3	m	29.98	+ 07	73	67	0	E	1	m	2	86	68	-	

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).  
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



# WEATHER CHARTS

for 8 a.m. on Thursday, 30<sup>th</sup> JULY 1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

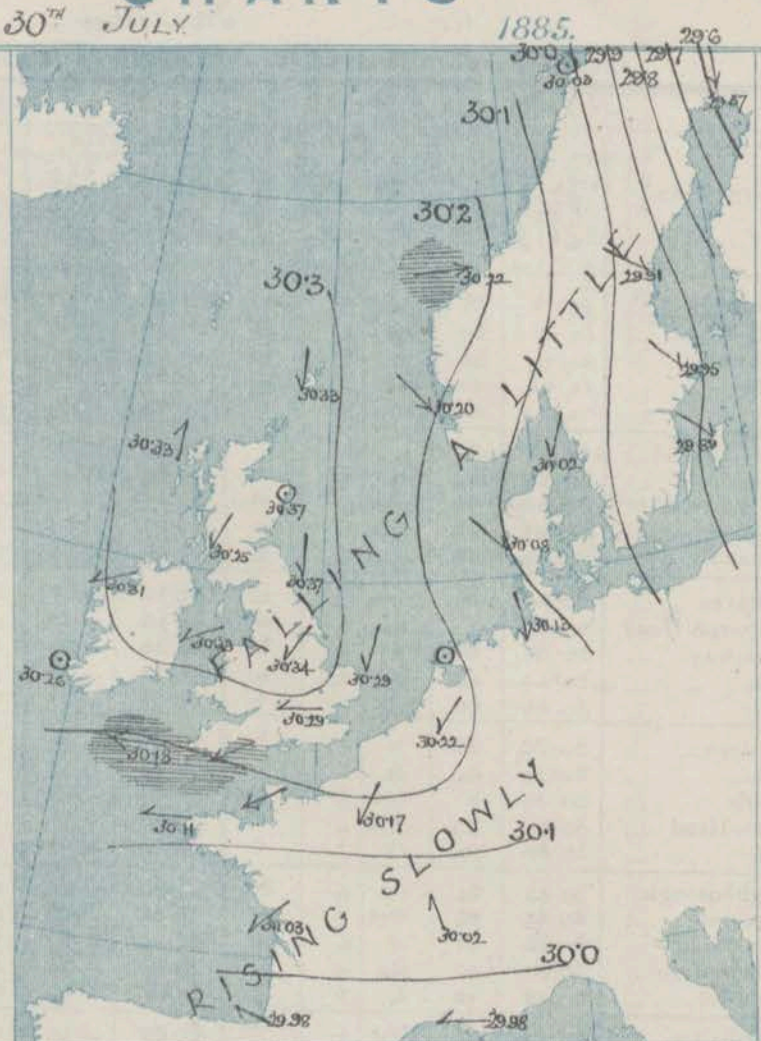
**Barometer**—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind**—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—  
 — = forces above 10; — = forces 8 to 10;  
 — = forces 5 to 7; — = forces 4 to 5;  
 ○ = dead calm.

**Sea Disturbance**—where considerable is shown thus  
 — = Rough. — = High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sunbury Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Roche's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934



## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

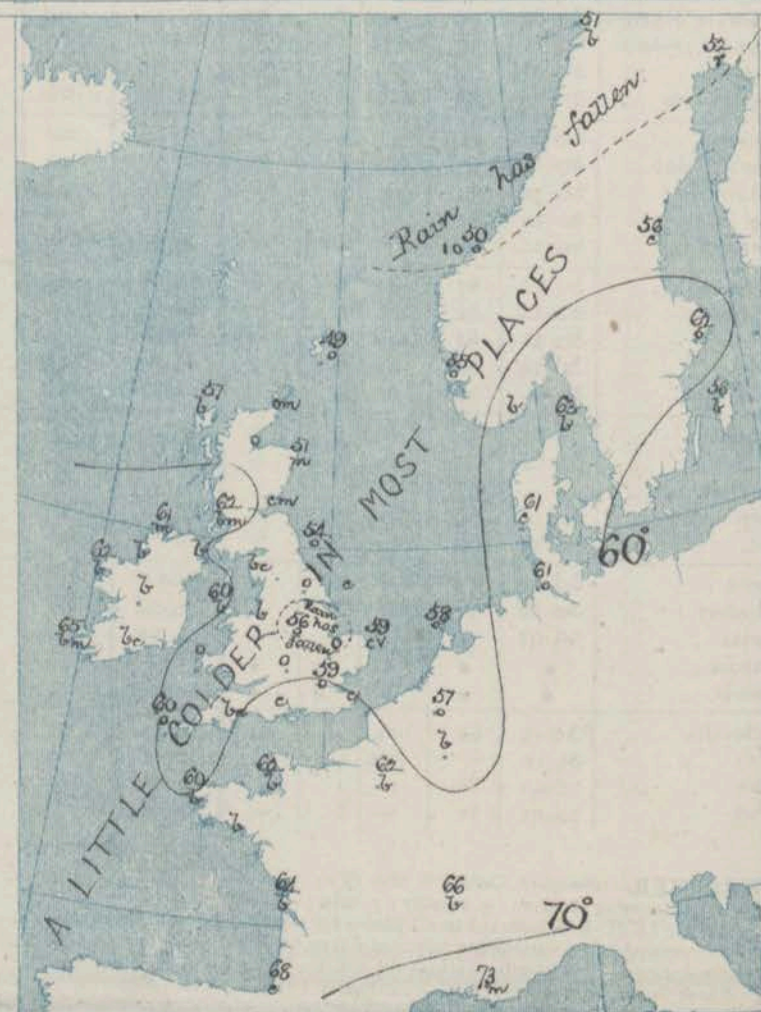
**Temperature**—Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather**—is shown by Letters of the Beaufort Scale.  
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of July.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Average Dry.	Average Wet.	
Sunbury Head	57.9	48.5	53.7	52.2	2.06
Stornoway	60.3	49.7	56.4	54.3	3.00
Wick	62.4	49.4	56.2	53.9	2.19
Nairn	65.0	51.6	57.4	53.7	2.55
Aberdeen	64.4	51.7	57.9	54.4	2.60
Leith	68.0	52.0	59.1	55.9	2.62
Shields	64.6	53.6	58.8	55.5	2.56
York	68.1	52.3	59.7	56.5	2.41
Ardrossan	64.0	53.8	57.8	54.8	2.82
Donaghadee	62.9	52.0	57.7	55.9	2.56
Holyhead	64.5	55.0	58.3	56.1	2.19
Liverpool	66.4	54.6	59.8	56.1	3.01
Valencia	64.5	53.9	59.0	56.2	3.59
Roche's Point	68.2	53.9	59.1	56.0	3.07
Pembroke	64.0	55.4	58.5	56.2	2.12
Scilly	65.0	56.9	60.3	58.2	1.96
Hurst Castle	67.9	56.4	61.7	59.2	2.31
Dover	67.4	57.5	63.0	59.2	1.92
LONDON	73.3	54.2	62.5	58.6	2.36
Oxford	69.9	53.7	60.4	57.1	2.60
Cambridge	72.5	52.8	61.3	58.0	2.41
Yarmouth	66.7	55.5	61.4	58.4	2.82

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.





# REMARKS.

for Thursday 30<sup>th</sup> July. 1885, at 8 a.m.

A large anticyclone still lies over our Islands, but the barometer is falling a little in the more central portions of the system, while it is rising in the surrounding localities, and gradients over our southern coasts are slighter than they were yesterday. Moderate or fresh N.W. breezes prevail in Scandinavia and Denmark, and light N. winds on our north and north-east coasts, but in the south of our Islands the wind is still <sup>fresh</sup> from the E. The weather is dull in the eastern and central parts of Great Britain, as well as in the west of Norway, but fine elsewhere. Slight showers fell yesterday at Loughborough and Cambridge. Temperature has fallen slightly at most stations, and readings now range from 65° at Valencia to 84° at Seabourgh Head and Wick. Over Great Britain the thermometer yesterday did not exceed 70°, but in Ireland it exceeded this point, the highest readings being 76° at Carrington, 75° at Valencia, 74° at Belmullet and 73° at Malbegmore. The sea is rather rough at the mouth of the Channel, moderate to smooth elsewhere.

Conditions are gradually becoming less settled, but there is no sign of any immediate change in the weather.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that aurora were seen on the 24<sup>th</sup> Inst. in Long. 50° W.

# FORECASTS

for the 24 hours ending at NOON on 31<sup>st</sup> July 1885.  
(Issued at 11 a.m. on the previous day.)

## DISTRICTS.

## FORECASTS.

## DISTRICTS.

## FORECASTS.

0 { SCOTLAND  
NORTH

NE<sup>ly</sup> and N<sup>ly</sup> winds, light  
fair but cloudy.

6 { SCOTLAND  
WEST

NE<sup>ly</sup> winds, light; fair  
generally.

1 { SCOTLAND  
EAST

----- D° ----- D° ----- D°

7 { ENGLAND  
N. W.

----- D° ----- D° ----- D°

2 { ENGLAND  
N. E.

NE<sup>ly</sup> winds, moderate; fair  
but cloudy.

8 { ENGLAND  
S. W.

E<sup>ly</sup> winds, fresh; fair generally.

3 { ENGLAND  
EAST

----- D° ----- D° ----- D°

9 { IRELAND  
NORTH

E<sup>ly</sup> and NE<sup>ly</sup> winds, moderate;  
fine generally.

4 { MIDLAND  
COUNTIES

----- D° ----- D° ----- D°

10 { IRELAND  
SOUTH

----- D° ----- D° ----- D°

5 { ENGLAND  
SOUTH

E<sup>ly</sup> and NE<sup>ly</sup> winds, moderate  
fair generally.

## WARNINGS

None issued.



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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		
Skudesnaes	30.25	57	53	NW	6	0	3	Holyhead	30.34	63	59	NNE	5	bc m	4
Sumburgh Head	30.33	52	50	NW	4	0	4	Valencia	30.27	74	65	ESE	3	bc	3
Stornoway	30.40	58	54	E	2	bc	1	Scilly	30.23	64	62	E	7	b	6
Aberdeen	30.40	59	54	ENE	1	b	0	Dungeness	30.27	66	62	ESE	5	c	3
Shields	30.39	63	58	E	2	b	2	London	30.30	65	57	NE	3	0	*
Ardrossan	30.36	66	63	SW	1	b	1	Yarmouth	30.32	63	58	NE	4	bc	3
Malin Head	30.36	65	59	E	4	m	3	Jersey	30.47	65	58	ESE	6	b	5
Mullaghmore	30.32	72	58	ESE	5	b	3	Rochefort	30.02	90	72	E	7	b	3
Belmullet	30.30	73	65	SW	1	b	*								

## REMARKS.

Very little change has occurred since the morning. The barometer is inclined to fall on our east coasts and to rise in the south-west, but the winds are unaltered. Fine weather is reported at all stations except London, where the sky is overcast. The sea is rough at Scilly, slight or smooth elsewhere.



# DAILY WEATHER REPORT

for Friday 31<sup>st</sup> July 1885.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.																			
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.			Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			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	29.93	52	N	6	0	c	30.10	+ .53	51	48	- 1	N	6	0	*	54	50	0.24	
Hernösand	30.03	44	Z	0	e	c	30.13	+ .22	57	51	+ 1	N	4	0	*	72	52	0.04	
Stockholm	30.00	54	N	2	e	b	30.02	+ .07	60	58	- 2	N	6	60	*	63	?	0.20	
Wisby	29.91	55	NE	4	b	c	29.88	- .01	58	55	0	NE	6	60	*	63	52	-	
Bodo	30.19	52	WSW	2	e	c	30.26	+ .23	62	?	+ 1	Z	0	0	0	55	48	-	
Christiansund	30.28	53	SW	2	e	c	30.28	+ .06	54	51	+ 4	ESE	1	+	3	54	48	-	
Skudesnaes	30.14	56	NW	8	b	c	30.14	- .03	55	53	0	Z	0	60	3	61	55	-	
Olesund (Christiansund)	30.12	64	SW	2	b	c	30.19	+ .11	60	54	- 3	NE	4	b	2	75	57	-	
Skagen (The Skaw)	30.09	63	NW	2	b	c	30.14	+ .12	60	54	- 3	NNE	4	b	2	72	59	-	
Faro	30.10	57	NW	6	b	c	30.13	+ .05	66	58	+ 5	NE	2	b	*	66	52	-	
Cuxhaven	30.16	62	?	4	b	c	30.11	- .02	63	61	+ 2	NE	3	b	*	63	60	-	
Sumburgh Head	30.30	53	NW	3	c	c	30.30	- .03	50	48	+ 1	Z	0	0	0	55	49	-	
Stornoway	30.30	62	SE	1	b	c	30.28	- .05	60	57	+ 3	S	1	b	0	63	46	-	
Wick	30.33	55	SE	1	0	c	30.31	- .07	54	53	+ 5	SE	1	0	0	62	48	-	
Nairn	30.32	57	NE	1	bc	c	30.31	- .05	54	52	+ 1	Z	0	0	1	68	58	-	
Aberdeen	30.35	55	ESE	1	0	c	30.32	- .03	53	51	+ 2	Z	0	0	0	60	50	-	
Leith	30.31	59	E	1	b	c	30.30	- .05	53	52	- 5	SE	1	om	*	63	50	-	
Shields	30.33	58	E	2	b	c	30.30	- .07	55	53	+ 1	NW	1	0	2	60	52	-	
Spurn Head	30.30	57	NNE	3	e	c	30.26	- .07	57	55	+ 1	NNE	3	c	3	60	53	-	
York	30.30	57	E	1	b	c	30.30	- .06	58	54	+ 2	N	2	0	*	69	49	-	
Loughborough	30.29	66	NE	3	bc	c	30.30	- .04	54	51	- 2	NE	3	ogm	*	70	48	-	
Ardrossan	30.27	68	WSW	1	b	c	30.29	- .06	58	54	- 4	NE	2	cm	1	68	51	-	
Malin Head	30.25	63	E	4	m	c	30.24	- .05	59	57	+ 1	NNE	1	m	0	68	56	-	
Mullaghmore	30.24	73	ESE	3	b	c	30.26	- .03	61	57	- 1	E	1	b	1	73	54	-	
Belmullet	30.22	68	E	2	b	c	30.22	- .06	62	50	0	E	1	b	6	75	54	-	
Donaghadee	30.30	64	S	1	b	c	30.30	- .05	59	57	- 1	NNE	2	b	0	67	48	-	
Barrow-in-Furness	30.27	66	NW	2	b	c	30.27	- .07	56	54	+ 2	SE	2	b	*	66	54	-	
Liverpool (Bidston)	30.27	68	E	1	b	c	30.28	- .06	55	53	- 3	SE	1	e	2	70	50	-	
Holyhead	30.27	63	NNE	1	b	c	30.27	- .06	63	60	+ 3	NE	3	bm	2	68	58	-	
Parsonstown	30.25	73	SE	1	b	c	30.27	- .05	54	52	- 6	Z	0	b	*	74	45	-	
Valencia	30.23	63	ESE	4	bm	c	30.23	- .03	64	60	- 1	NNE	1	om	1	75	50	-	
Roche's Point	30.26	60	SE	3	e	c	30.22	- .07	60	58	- 3	ESE	3	m	4	66	50	-	
Pembroke	30.22	62	NW	1	b	c	30.24	- .03	58	55	+ 2	E	2	b	1	64	53	-	
Seilly	30.17	62	E	6	bc	c	30.15	- .03	60	59	0	E	6	0	5	64	57	-	
Prawle Point	30.29	61	NNE	5	b	c	30.19	- .04	57	56	- 3	ESE	4	0	4	65	56	-	
Hurst Castle	30.21	68	ESE	3	b	c	30.22	- .03	59	57	- 2	E	5	e	3	71	57	-	
Dungeness	30.24	62	E	5	0	c	30.21	- .03	59	57	- 1	E	4	0	3	68	56	-	
London	30.25	67	NNE	3	bc	c	30.25	- .04	57	53	- 2	NE	3	0	*	73	55	-	
Oxford	30.28	59	NE	3	b	c	30.28	- .03	55	52	- 2	NE	4	0	*	70	53	-	
Cambridge	30.28	60	NE	1	0	c	30.26	- .03	57	53	0	N	1	0	*	68	53	-	
Yarmouth	30.27	59	N	4	cd	c	30.23	- .06	57	54	- 2	N	3	e	3	62	55	-	
The Helder	30.21	59	N	3	0	c	30.16	- .07	59	54	+ 1	N	3	e	3	61	57	-	
Cape Gris Nez	30.16	59	NE	5	0	c	30.15	- .01	58	56	-	NE	7	0	4	68	55	-	
Jersey	30.11	63	ESE	5	bm	c	30.13	- .02	61	57	- 1	ESE	5	bcm	5	66	54	-	
Brest	30.04	66	ESE	5	b	c	30.04	- .07	61	59	+ 1	E	4	e	4	81	55	-	
Lorient	30.04	75	ESE	5	b	c	30.05	- .03	60	55	+ 1	ESE	5	bc	2	82	55	-	
Rochefort	29.98	88	NE	5	b	c	29.99	- .04	67	59	+ 3	NE	5	0	2	97	61	-	
Biarritz	29.89	73	N	4	b	c	29.90	- .08	71	67	+ 3	ESE	4	b	2	79	66	-	
Corunna	*	*	*	*	*	*	?	?	60	56	+ 3	?	3	0	*	69	57	-	
Brussels	*	*	*	*	*	*	?	?	60	56	+ 3	?	3	0	*	69	57	-	
Charleville	30.13	65	ESE	4	b	c	30.14	- .03	62	54	+ 6	NE	5	0	*	72	?	-	
Paris	30.12	72	NNE	3	b	c	30.14	- .03	62	56	0	NE	3	b	*	?	?	-	
Lyons	29.91	83	NNE	4	b	c	30.00	- .02	62	54	- 4	N	1	b	*	84	59	-	
Toulon	29.96	77	W	4	m	c	29.90	- .08	73	70	0	W	3	m	2	88	70	-	

## 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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



# WEATHER

for 8 a.m. on Friday, 31<sup>st</sup> JULY, 1885.

# CHARTS

1885.

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes 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; → = forces 8 to 10;  
→ = forces 5 to 7; → = forces 1 to 4;  
○ = dead calm.

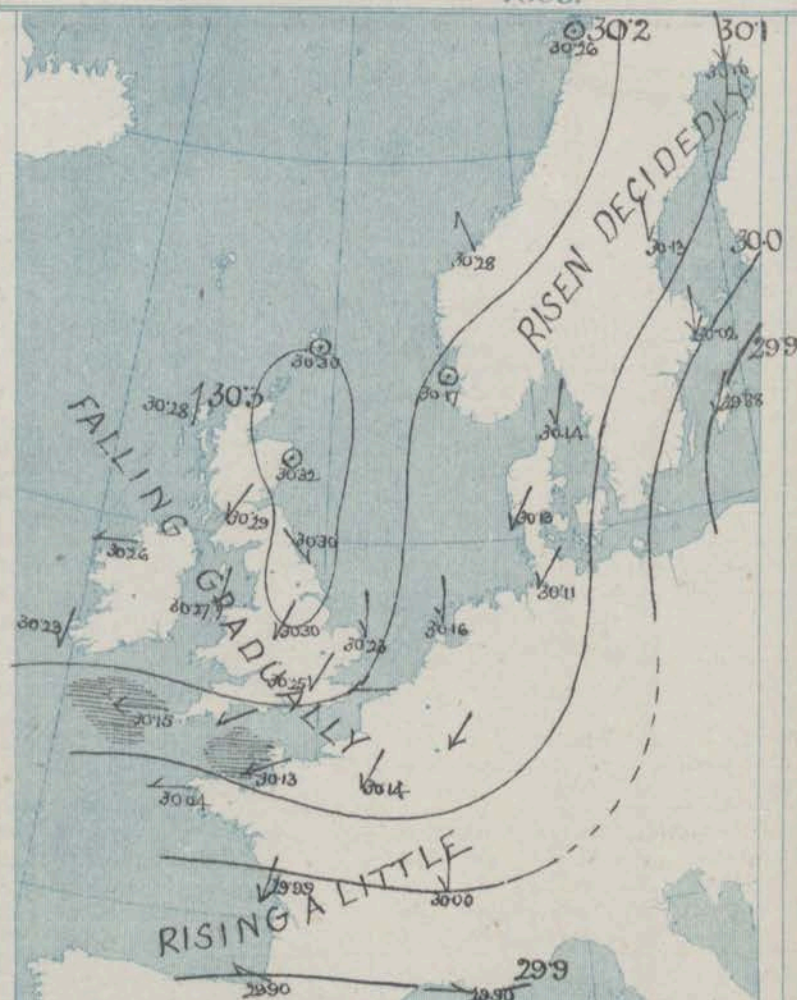
**Sea Disturbance** — where considerable is shown thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of July.  
During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sambargh Head	29.827
Stornoway	29.799
Wick	29.813
Nairn	29.824
Aberdeen	29.829
Leith	29.848
Shields	29.873
York	29.902
Ardrossan	29.864
Donaghadee	29.878
Holyhead	29.914
Liverpool	29.910
Valencia	29.944
Rocha's Point	29.940
Pembroke	29.942
Scilly	29.986
Hurst Castle	29.961
Dover	29.959
LONDON	29.955
Oxford	29.941
Cambridge	29.937
Yarmouth	29.934





# REMARKS.

for Friday 31<sup>st</sup> JULY 1885. at 8 a.m.

The distribution of pressure is very similar to that of yesterday, but the area of low readings which lay over the Gulf of Bothnia has moved southwards and a decided rise of the barometer has taken place in the north of Scandinavia. In our Islands and France there has been little change, but the general tendency has been to fall gradually. Strong N<sup>w</sup> winds prevail in Sweden, and moderate breezes from the same quarter on the eastern shore of the North Sea, but at our southern and the French stations the wind is still fresh from the E<sup>se</sup>, while in the north of our Islands light airs from SE. are reported. The weather is cloudy in the eastern parts of Great Britain but fine elsewhere. Slight drizzling rain fell last night or early this morning at some of our south-eastern stations, but the amount was not measurable. Temperature has changed little and irregularly, and readings now range from 64° at Valencia to 55° in the Shetlands. The weather over Ireland yesterday was again very warm, the highest reading being 75° at Belmullet and Valencia and 74° at Rossmore, in London the maximum was 73°. The sea is rather rough at the mouth of the Channel, moderate to smooth elsewhere.

There is at present no sign of any important change in the weather.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that icebergs were seen on the 24<sup>th</sup> Inst. between Long. 44° and 46° W.

# FORECASTS

for the 24 hours ending at NOON on 1<sup>st</sup> August 1885.  
(Issued at 11 a.m. on the previous day.)

## DISTRICTS.

## FORECASTS.

## DISTRICTS.

## FORECASTS.

0 { SCOTLAND  
NORTH

Variable or SE<sup>w</sup> airs; fair  
generally.

1 { SCOTLAND  
EAST

-----D°-----D°-----D°-----

2 { ENGLAND  
N.E.

Same as 705

3 { ENGLAND  
EAST

Same as 705

4 { MIDLAND  
COUNTIES

Same as 705

5 { ENGLAND  
SOUTH

NE<sup>w</sup> winds, light or moderate;  
fair generally.

6 { SCOTLAND  
WEST

E<sup>se</sup> and SE<sup>w</sup> winds, light; fair  
generally.

7 { ENGLAND  
N.W.

-----D°-----D°-----D°-----

8 { ENGLAND  
S.W.

E<sup>se</sup> winds, moderate or fresh; fair  
generally.

9 { IRELAND  
NORTH

E<sup>se</sup> or SE<sup>w</sup> winds, moderate;  
fine to cloudy.

10 { IRELAND  
SOUTH

-----D°-----D°-----D°-----

## WARNINGS

None issued.



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

RESIDENTIALS 2 P.M. REPORTS AND REMARKS.

	Bar.	Dry.	Wet.	Wind	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.	
Skudesnaes	30.16	60	64	NW	8	0	Holyhead	30.31	68	61	E	3	6	2
Samburgh Head	30.28	54	51	NYN	2	bc	Valencia	30.24	68	61	ESE	3	bc	3
Sornoway	30.33	62	58	ESE	2	6	Scilly	30.20	64	62	E	6	bc	6
Aberdeen	30.26	57	54	E	1	6	Dungeness	30.26	65	61	E	5	bc	4
Shields	30.36	60	55	E	2	6	London	30.26	68	60	NE	3	6	*
Ardrossan	30.31	63	64	SSN	1	6	Yarmouth	30.29	61	58	N	4	c	3
Malin Head	30.24	66	63	ESE	4	m	Jersey	30.13	66	60	E/NE	6	6	5
Mullaghmore	30.27	71	65	NE	2	6	Rochefort	30.02	64	73	E	5	6	2
Belmullet	30.27	75	65	ESE	1	6								

## REMARKS.

Very little change has occurred since the morning. Fine weather prevails generally, and temperature over Ireland remains very high, the reading at Belmullet being 75°. The sea is rough at Scilly, moderate to smooth elsewhere.



# CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JULY 1885

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

DATE.	STATIONS.	+ YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
				Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.			
2 <sup>nd</sup>	Corunna....	*	*	*	*	*	30.12	- .15	63	60	+ 3	NE	1	b	4	64	50	-		
3 <sup>rd</sup>	Corunna....	*	*	*	*	*	30.14	+ .05	65	63	+ 2	SE	1	f	2	72	54	0.08		
6 <sup>th</sup>	Corunna....	*	*	*	*	*	30.48	- .04	65	63	+ 2	NE	1	b	1	68	52	-		
7 <sup>th</sup>	Corunna....	*	*	*	*	*	30.30	- .18	63	61	- 2	E	3	b	2	73	46	-		
8 <sup>th</sup>	Corunna....	*	*	*	*	*	30.29	- .01	65	62	+ 2	NW	1	c	0	70	54	-		
10 <sup>th</sup>	Corunna....	*	*	*	*	*	30.14	- .04	64	62	- 3	NNE	4	0	4	72	55	-		
11 <sup>th</sup>	Corunna....	*	*	*	*	*	30.27	+ .08	64	62	0	NE	5	0	4	70	55	-		
13 <sup>th</sup>	Christiansund	29.97	54	W	4	0	30.04	+ .22	53	50	- 10	NNW	1	0	1	64	50	0.16		
"	Cape Gristley..	30.03	59	W	5	0	30.01	- .01	58	58	- 3	SE	1	f	0	63	54	0.08		
"	Corunna....	*	*	*	*	*	30.26	+ .01	62	59	- 4	NE	4	0	4	70	54	-		
14 <sup>th</sup>	Corunna....	*	*	*	*	*	30.23	- .03	62	60	0	ENE	5	b	4	68	52	-		
15 <sup>th</sup>	Corunna....	*	*	*	*	*	30.21	- .02	68	65	+ 6	ENE	1	b	3	68	50	-		
16 <sup>th</sup>	Corunna....	*	*	*	*	*	30.20	- .01	60	53	- 8	WSW	4	b	*	76	57	-		
18 <sup>th</sup>	Corunna....	*	*	*	*	*	30.20	-	63	60	-	NE	5	0	4	68	54	-		
20 <sup>th</sup>	Corunna....	*	*	*	*	*	30.36	+ .20	68	65	0	ENE	1	b	2	68	60	-		
31 <sup>st</sup>	Haparanda....	29.81	58	S	4	0	29.57	- .20	61	59	+ 4	SW	6	1	*	64	55	2.29		
"	Corunna....	*	*	*	*	*	30.17	- .19	72	68	+ 4	ENE	1	0	0	79	57	-		
22 <sup>nd</sup>	Corunna....	*	*	*	*	*	30.19	+ .02	71	69	- 1	N	1	f	2	68	59	-		
30 <sup>th</sup>	Corunna....	*	*	*	*	*	30.06	-	67	66	-	NNE	1	f	0	72	55	-		

Continued on page 4.

Continued on page 4.



## SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

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

Names of Districts	Names of Stations	Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m.	Air Temperature								Tension of Vapour
			At 8 a.m.	Means of			Absolute Extremes				
				Minima	Maxima	Min. and Max. combined	Minimum	Date	Maximum	Date	
		ins.	°	°	°	°	°		°		ins.
0. SCOTLAND, N.	{ Sumburgh Head ...	30.005	52.1	47.0	56.5	57.8	42	14 <sup>th</sup>	59	2 <sup>nd</sup> 7 <sup>th</sup> + 25 <sup>th</sup>	0.347
	{ Wick ...	30.046	55.6	47.8	62.6	55.2	38	21 <sup>st</sup>	72	2 <sup>nd</sup>	0.377
	{ Stornoway ...	30.029	54.3	48.0	59.8	53.9	42	19 <sup>th</sup> + 21 <sup>st</sup>	68	24 <sup>th</sup> 13 <sup>th</sup>	0.357
1. SCOTLAND, E.	{ Nairn ...	30.061	57.3	50.0	66.2	58.1	42	22 <sup>nd</sup>	80	23 <sup>rd</sup>	0.356
	{ Aberdeen ...	30.084	58.3	49.6	66.2	57.9	42	1 <sup>st</sup>	83	25 <sup>th</sup>	0.373
	{ Leith ...	30.100	58.2	50.9	67.1	59.0	44	9 <sup>th</sup>	82	25 <sup>th</sup>	0.374
2. ENGLAND, N.E.	{ Shields ...	30.131	58.4	52.5	65.3	58.9	43	1 <sup>st</sup>	79	25 <sup>th</sup>	0.410
	{ York ...	30.166	59.2	50.9	70.5	60.7	42	14 <sup>th</sup> + 29 <sup>th</sup>	86	25 <sup>th</sup>	0.405
	{ Spurn Head ...	30.155	59.1	54.6	64.8	59.7	48	1 <sup>st</sup>	76	6 <sup>th</sup>	0.438
3. ENGLAND, E.	{ Yarmouth ...	30.177	60.6	55.0	65.6	60.3	46	1 <sup>st</sup>	74	26 <sup>th</sup>	0.424
	{ Cambridge ...	30.182	61.8	51.6	74.0	62.8	45	24 <sup>th</sup>	88	25 <sup>th</sup>	0.426
4. MIDLAND COUNTIES.	{ Loughborough ...	30.181	60.9	51.9	74.0	63.0	44	1 <sup>st</sup> + 2 <sup>nd</sup>	89	25 <sup>th</sup> + 26 <sup>th</sup>	0.408
	{ Oxford ...	30.192	60.7	53.6	72.6	63.1	45	9 <sup>th</sup>	86	25 <sup>th</sup>	0.398
5. ENGLAND, S.	{ London ...	30.191	61.9	54.2	74.3	64.3	46	9 <sup>th</sup>	87	26 <sup>th</sup>	0.408
	{ Dungeness ...	30.186	61.5	54.8	67.3	61.1	44	1 <sup>st</sup> + 2 <sup>nd</sup>	77	26 <sup>th</sup> + 27 <sup>th</sup>	0.454
	{ Hurst Castle ...	30.200	61.8	52.2	70.5	61.4	45	9 <sup>th</sup> 10 <sup>th</sup> + 14 <sup>th</sup>	82	26 <sup>th</sup> + 27 <sup>th</sup>	0.484
6. SCOTLAND, W.	Ardrossan ...	30.113	57.2	51.3	63.2	57.3	46	14 <sup>th</sup>	75	24 <sup>th</sup>	0.403
7. ENGLAND, N.W.	{ *Hawes Junction ...	28.947	55.3	47.9	62.4	55.2	38	14 <sup>th</sup>	77	24 <sup>th</sup>	0.378
	{ Barrow-in-Furness ...	30.144	57.0	54.7	63.6	59.2	49	1 <sup>st</sup>	74	24 <sup>th</sup>	0.405
	{ Liverpool Obs <sup>r</sup> . (Bidston) ...	30.165	56.6	54.2	66.5	60.4	48	13 <sup>th</sup>	75	26 <sup>th</sup>	0.387
	{ Holyhead ...	30.168	58.4	53.3	63.8	58.6	46	1 <sup>st</sup>	73	26 <sup>th</sup>	0.424
8. ENGLAND, S.W.	{ Pembroke ...	30.177	57.6	54.3	61.7	58.0	47	1 <sup>st</sup>	77	27 <sup>th</sup>	0.403
	{ Prawle Point ...	30.205	60.4	53.4	65.9	59.7	46	14 <sup>th</sup>	82	26 <sup>th</sup>	0.435
9. IRELAND, N.	{ Malin Head ...	30.096	56.2	52.5	61.5	57.0	48	12 <sup>th</sup> 13 <sup>th</sup> 47 <sup>th</sup>	74	24 <sup>th</sup>	0.402
	{ Donaghadee ...	30.140	57.0	50.3	64.5	57.4	42	1 <sup>st</sup> 12 <sup>th</sup> 44 <sup>th</sup>	79	25 <sup>th</sup>	0.405
	{ Mullaghmore ...	30.105	57.4	54.4	63.8	59.1	50	16 <sup>th</sup>	77	24 <sup>th</sup>	0.397
	{ Belmullet ...	30.100	56.6	52.8	61.3	57.1	44	14 <sup>th</sup>	75	30 <sup>th</sup>	0.411
10. IRELAND, S.	{ Parsonstown ...	30.157	58.6	51.8	67.8	59.8	40	14 <sup>th</sup>	79	25 <sup>th</sup>	0.424
	{ Valencia ...	30.170	59.4	53.7	65.9	59.8	43	14 <sup>th</sup>	78	28 <sup>th</sup>	0.443
	{ Roche's Point ...	30.167	59.4	52.7	65.1	58.9	47	12 <sup>th</sup>	72	26 <sup>th</sup>	0.419
CHANNEL ISLANDS	{ Scilly (St. Mary's) ...	30.192	59.8	55.2	64.3	59.8	51	2 <sup>nd</sup>	74	26 <sup>th</sup>	0.441
	{ Jersey (Noirmont) ...	30.193	60.8	58.0	67.9	61.5	50	1 <sup>st</sup> 2 <sup>nd</sup> 3 <sup>rd</sup> 44 <sup>th</sup>	82	26 <sup>th</sup>	0.425

\* Hawes Junction is 1435 feet above mean sea level and the

\*Hawes Junction is 1335 feet above mean Sea Level and the



STATIONS in the BRITISH ISLANDS during the month of JULY 1885.  
at 8 a.m. daily.

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

Relative Humidity	Amount of Cloud	Rainfall			Weather No. of Days of							Wind No. of observations of								
		Total Fall in the month	Maximum Fall in one day	Date	Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
		ins.	in.																	
89	8.5	1.71	0.36	4 <sup>th</sup>	22	0	0	0	2	20	0	2	3	0	2	4	7	9	3	1
85	6.7	1.69	0.40	16 <sup>th</sup>	15	0	0	2	4	13	0	2	0	0	2	8	5	3	7	4
84	7.1	3.10	0.80	11 <sup>th</sup>	18	0	0	0	4	13	7	0	0	3	1	9	5	10	3	0
76	5.9	0.77	0.30	16 <sup>th</sup>	7	0	0	0	10	12	0	1	2	1	0	0	9	9	1	5
76	5.5	1.49	0.54	3 <sup>rd</sup>	14	0	0	2	9	11	0	5	2	1	2	8	6	2	3	2
77	5.8	0.75	0.28	18 <sup>th</sup>	10	0	0	0	7	8	0	1	0	6	3	1	3	11	7	0
84	6.4	1.16	0.28	26 <sup>th</sup>	11	0	0	0	5	11	0	3	3	1	1	2	10	7	2	2
81	5.5	0.94	0.48	19 <sup>th</sup>	7	0	0	0	12	12	0	4	2	2	3	7	4	6	3	0
88	5.0	0.26	0.14	19 <sup>th</sup>	5	0	0	0	7	3	0	5	2	2	4	5	6	3	4	0
81	3.5	0.50	0.21	12 <sup>th</sup>	7	0	0	0	15	1	0	4	9	4	1	2	5	3	2	1
78	5.6	0.72	0.39	13 <sup>th</sup>	5	0	0	0	13	15	0	8	3	4	1	5	6	0	3	1
77	6.3	0.14	0.04	7 <sup>th</sup> + 19 <sup>th</sup>	6	0	0	0	7	13	4	1	3	1	3	1	4	8	6	4
75	5.4	0.12	0.11	19 <sup>th</sup>	2	0	0	0	14	12	0	4	5	3	0	1	7	5	3	3
75	5.7	0.51	0.46	11 <sup>th</sup>	4	0	0	1	12	13	0	0	3	5	0	0	10	4	3	6
84	4.8	0.15	0.08	19 <sup>th</sup>	4	0	0	1	9	5	0	6	2	8	2	0	2	6	1	4
88	4.5	0.35	0.12	19 <sup>th</sup>	9	0	0	0	14	5	2	1	5	5	0	0	5	6	5	4
86	6.3	1.73	0.49	6 <sup>th</sup>	16	0	0	0	8	13	2	0	4	2	1	6	4	5	3	6
86	5.4	3.53	1.71	18 <sup>th</sup>	11	0	0	0	11	14	0	1	5	2	0	6	9	6	0	2
87	6.9	2.62	0.70	7 <sup>th</sup>	9	0	0	0	5	16	0	4	3	2	3	1	8	2	8	0
76	6.5	2.29	0.81	19 <sup>th</sup>	9	0	0	0	9	14	0	0	1	3	3	2	4	12	4	2
87	5.2	1.64	0.64	19 <sup>th</sup>	9	0	0	0	7	2	1	5	2	3	1	6	6	5	3	0
84	6.2	0.94	0.45	7 <sup>th</sup>	7	0	0	0	6	12	1	0	2	8	1	5	5	3	5	2
84	5.1	0.46	0.15	19 <sup>th</sup>	6	0	0	0	12	12	0	3	7	4	0	0	4	7	2	4
89	6.7	1.73	0.47	10 <sup>th</sup>	16	0	0	0	5	13	0	4	2	4	2	5	6	6	2	0
87	5.5	1.97	0.48	18 <sup>th</sup>	15	0	0	0	11	12	0	6	4	3	3	0	4	8	3	0
84	7.6	3.39	0.79	10 <sup>th</sup>	20	0	0	0	5	16	4	0	2	6	1	3	8	9	1	1
89	6.3	3.85	0.85	21 <sup>st</sup>	21	0	0	0	11	17	1	1	1	7	1	4	11	3	3	0
86	7.5	2.15	0.61	19 <sup>th</sup>	11	0	0	0	5	18	0	0	2	0	1	1	6	5	2	14
88	7.9	2.84	0.82	6 <sup>th</sup>	12	0	0	0	4	21	3	2	1	0	2	2	7	8	3	6
84	6.9	0.89	0.35	6 <sup>th</sup>	7	0	0	0	3	9	1	2	0	2	2	4	8	6	6	1
86	7.7	0.92	0.62	7 <sup>th</sup>	13	0	0	0	5	20	2	1	4	7	0	1	5	7	4	2
80	5.3	0.10	0.05	8 <sup>th</sup>	5	0	0	0	10	11	2	3	7	6	1	1	4	3	4	2

Barometric Observations at this station are not corrected for altitude



## 2. CORRECTIONS.

DATE.	STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.							FAST 24 HOURS.				
		Barometer at 32° F. and Sea Level.	Temp. in shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
				Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).		Max.	Min.		
1 <sup>st</sup>	Jersey		60															
2 <sup>nd</sup>	Sunbrough Id 2pm						29.85											
3 <sup>rd</sup>	Yarmouth						30.27	+ .08										
4 <sup>th</sup>	Cambridge	30.21																
5 <sup>th</sup>	Jersey						30.33	+ .05										
6 <sup>th</sup>	Jersey 2pm						30.22											
7 <sup>th</sup>	Lith																	0.06
8 <sup>th</sup>	Anderson																	0.07
9 <sup>th</sup>	Stornoway									50								
10 <sup>th</sup>	Yarmouth						30.21											
11 <sup>th</sup>	Sunbrough Id																	0.18
12 <sup>th</sup>	Mullaghmore																	0.05
13 <sup>th</sup>	Liverpool																	
14 <sup>th</sup>	Lith																	0.03
15 <sup>th</sup>	Anderson																	0.02
16 <sup>th</sup>	Mullaghmore																	0.07
17 <sup>th</sup>	East Castle									158								
18 <sup>th</sup>	Isby					6												
19 <sup>th</sup>	Land					6												
20 <sup>th</sup>	Hairn					0												
21 <sup>st</sup>	Loughborough		56															
22 <sup>nd</sup>	Anderson																	
23 <sup>rd</sup>	Donaghadee																	0.20
24 <sup>th</sup>	Malin Head																	0.02
25 <sup>th</sup>	Mullaghmore						30.00	- .01										
26 <sup>th</sup>	Donaghadee																	
27 <sup>th</sup>	Spinn Head																	
28 <sup>th</sup>	Barrow in Burren																	
29 <sup>th</sup>	Penrhyke																	
30 <sup>th</sup>	Donaghadee																	
31 <sup>st</sup>	Cambridge																	
32 <sup>nd</sup>	Stornoway																	
33 <sup>rd</sup>	Barrow in Burren																	
34 <sup>th</sup>	Penrhyke																	
35 <sup>th</sup>	Donaghadee																	
36 <sup>th</sup>	Cambridge																	
37 <sup>th</sup>	Stornoway																	
38 <sup>th</sup>	Barrow in Burren																	
39 <sup>th</sup>	Penrhyke																	
40 <sup>th</sup>	Donaghadee																	
41 <sup>st</sup>	Cambridge																	
42 <sup>nd</sup>	Stornoway																	
43 <sup>rd</sup>	Barrow in Burren																	
44 <sup>th</sup>	Penrhyke																	
45 <sup>th</sup>	Donaghadee																	
46 <sup>th</sup>	Cambridge																	
47 <sup>th</sup>	Stornoway																	
48 <sup>th</sup>	Barrow in Burren																	
49 <sup>th</sup>	Penrhyke																	
50 <sup>th</sup>	Donaghadee																	
51 <sup>st</sup>	Cambridge																	
52 <sup>nd</sup>	Stornoway																	
53 <sup>rd</sup>	Barrow in Burren																	
54 <sup>th</sup>	Penrhyke																	
55 <sup>th</sup>	Donaghadee																	
56 <sup>th</sup>	Cambridge																	
57 <sup>th</sup>	Stornoway																	
58 <sup>th</sup>	Barrow in Burren																	
59 <sup>th</sup>	Penrhyke																	
60 <sup>th</sup>	Donaghadee																	
61 <sup>st</sup>	Cambridge																	
62 <sup>nd</sup>	Stornoway																	
63 <sup>rd</sup>	Barrow in Burren																	
64 <sup>th</sup>	Penrhyke																	
65 <sup>th</sup>	Donaghadee																	
66 <sup>th</sup>	Cambridge																	
67 <sup>th</sup>	Stornoway																	
68 <sup>th</sup>	Barrow in Burren																	
69 <sup>th</sup>	Penrhyke																	
70 <sup>th</sup>	Donaghadee																	
71 <sup>st</sup>	Cambridge																	
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73 <sup>rd</sup>	Barrow in Burren																	
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95 <sup>th</sup>	Donaghadee																	
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97 <sup>th</sup>	Stornoway																	
98 <sup>th</sup>	Barrow in Burren																	
99 <sup>th</sup>	Penrhyke																	
100 <sup>th</sup>	Donaghadee																	