

**METEOROLOGICAL OFFICE**

**LONDON.**

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**DAILY WEATHER REPORTS.**

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

**1886.**

*Sec. Reg. Lond.*

*London*

*Recd. 27. 1. 87.*



# DAILY WEATHER REPORT.

January to June 1886.

Map Showing Stations.





# DAILY WEATHER REPORT

for *Friday* 1<sup>st</sup> January 1896.

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

Issued by the Meteorological Office, 116, 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. 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	29.04	10	E/NE	9	S	28.80	- .74	9	8	+ 8	E/NE	9	0	5	10	?	-
Hernösand																	
Stockholm																	
Wisby																	
Bodö																	
Christiansund	29.12	35	SW	6	S	29.16	- .20	33	32	+ 1	W	8	S	5	34	27	0.51
Skudesnaes	29.46	44	W	6	0	29.39	- .10	43	43	+ 1	Z	0	A	4	45	36	0.55
Oxö (Ålensund)	29.48	44	SW	6	0	29.38	- .25	45	44	+ 8	frSW	6	0	4	?	?	0.20
Skagen (The Skaw)	29.54	35	S	4	0	29.42	- .24	42	42	+ 8	frSW	4	A	3	43	34	0.20
Faro	29.76	41	frSW	5	N	29.69	- .00	41	41	+ 8	frSW	4	A	5	41	32	0.32
Cuxhaven	29.78	35	SW	5	0	29.89	+ .08	39	39	+ 1	SW	3	A	5	?	?	0.08
Sumburgh Head	29.38	46	WNW	5	0	29.35	+ .05	40	40	- 6	WNW	3	A	4	44	38	0.23
Stornoway	29.66	49	W	5	0	29.50	- .08	50	50	+ 8	W	6	A	5	50	45	0.20
Wick	29.58	45	frW	2	bc	29.42	- .10	49	48	+ 1	WNW	4	A	2	49	40	0.04
Nairn	29.66	50	W	3	0	29.53	- .06	58	50	+ 5	frSW	4	bc	1	53	48	-
Aberdeen	29.68	47	W	2	0	29.55	- .04	53	49	+ 10	frSW	1	0	1	53	42	-
Leith	29.79	49	W	4	0	29.71	- .00	52	50	+ 5	W	6	0	*	52	47	-
Shields	29.81	50	SW	5	0	29.79	+ .07	52	50	+ 7	SW	5	0	2	52	45	0.01
Spurn Head	29.87	44	W	4	0	29.90	+ .14	47	47	+ 6	frSW	5	0	4	47	40	0.04
York	29.89	48	frW	3	0	29.93	+ .13	50	48	+ 7	W	4	0	*	51	41	0.05
Loughborough	29.96	50	W	4	0	30.03	+ .20	49	48	+ 3	WNW	3	0	*	50	46	0.01
Arrossan	29.84	49	W	8	pa	29.81	+ .03	49	49	+ 1	W	6	0	5	49	47	0.05
Malin Head	29.96	47	W	4	0	29.83	- .05	47	47	+ 1	W	6	0	6	50	46	0.18
Mullaghmore	30.07	48	frW	5	Am	29.99	+ .01	49	49	+ 1	frW	5	0	5	49	48	0.06
Belmullet	30.19	50	frW	5	0	30.01	- .05	50	49	+ 1	frW	6	0	*	50	49	-
Donaghadee	29.98	50	W	2	bc	29.92	+ .06	51	51	+ 3	W	6	0	4	51	45	-
Barrow-in-Furness	29.97	46	WNW	3	0	29.96	+ .14	46	46	0	SW	5	0	*	47	45	0.02
Liverpool (Boston)	29.99	46	W	5	0	30.01	+ .15	48	47	+ 3	frSW	7	0	5	49	45	0.04
Holyhead	30.03	48	W	4	0	30.06	+ .12	49	48	+ 1	frW	4	0	3	50	43	0.02
Parsonstown	30.15	49	W	1	0	30.11	+ .05	48	47	0	W	1	0	*	50	42	-
Valencia	30.26	50	W	2	0	30.21	- .00	49	49	- 1	W	3	0	3	51	47	0.10
Roche's Point	30.17	52	frW	5	0	30.18	+ .05	46	44	- 4	W	1	0	3	53	42	-
Pembroke	30.11	48	WNW	4	0	30.16	+ .12	48	47	0	W	4	0	2	49	48	-
Seilly	30.18	51	WNW	5	0	30.23	+ .12	49	49	- 1	WNW	4	0	4	51	46	0.01
Prawle Point	30.14	49	WNW	2	bc	30.20	+ .16	48	48	+ 2	WNW	2	0	2	50	45	0.01
Hurst Castle	30.08	46	WNW	2	0	30.15	+ .21	45	44	0	WNW	3	0	2	49	43	-
Dungeness	30.00	46	frW	2	0	30.08	+ .22	44	44	0	WNW	3	0	2	48	43	-
London	30.03	48	W	3	0	30.09	+ .20	46	45	+ 1	frW	2	0	*	49	45	-
Oxford	30.06	49	SW	1	0	30.10	+ .19	46	45	+ 1	frW	3	0	*	50	45	-
Cambridge	29.99	48	frW	1	0	30.05	+ .20	48	48	+ 2	SW	1	0	*	51	45	0.06
Yarmouth	29.91	44	W	2	bc	29.97	+ .19	47	46	+ 4	W	3	0	3	47	41	0.05
The Helder	29.83	42	SW	1	0	29.92	+ .24	43	43	+ 2	SW	3	0	2	?	41	-
Cape Gris Nez	29.98	48	frW	5	0	30.05	+ .15	46	43	0	W	5	0	4	?	39	-
Jersey	30.13	49	frW	2	0	30.21	+ .15	48	47	0	WNW	4	0	3	49	47	0.01
Brest	30.22	50	frW	5	0	30.29	+ .14	47	46	- 1	frW	4	0	4	50	45	-
Lorient	30.21	50	frW	4	0	30.28	+ .12	50	48	+ 3	frW	4	0	2	52	43	-
Rochefort	30.24	47	frW	5	0	30.31	+ .09	46	46	0	W	3	0	2	48	41	-
Biarritz	30.26	51	W	5	0	30.23	- .06	50	49	0	W	3	0	3	54	48	0.10
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Charleville	29.91	33	SSE	1	0	29.92	+ .05	34	33	+ 4	frSW	4	0	*	37	?	-
Paris	30.11	41	S	3	0	30.22	+ .23	46	45	+ 8	frW	1	0	*	*	*	0.04
Lyons	30.20	28	frW	1	0	30.24	- .02	32	32	+ 9	frW	3	0	*	?	?	0.04
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).



# WEATHER CHARTS

for 8 a.m. on Friday, 1st January 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

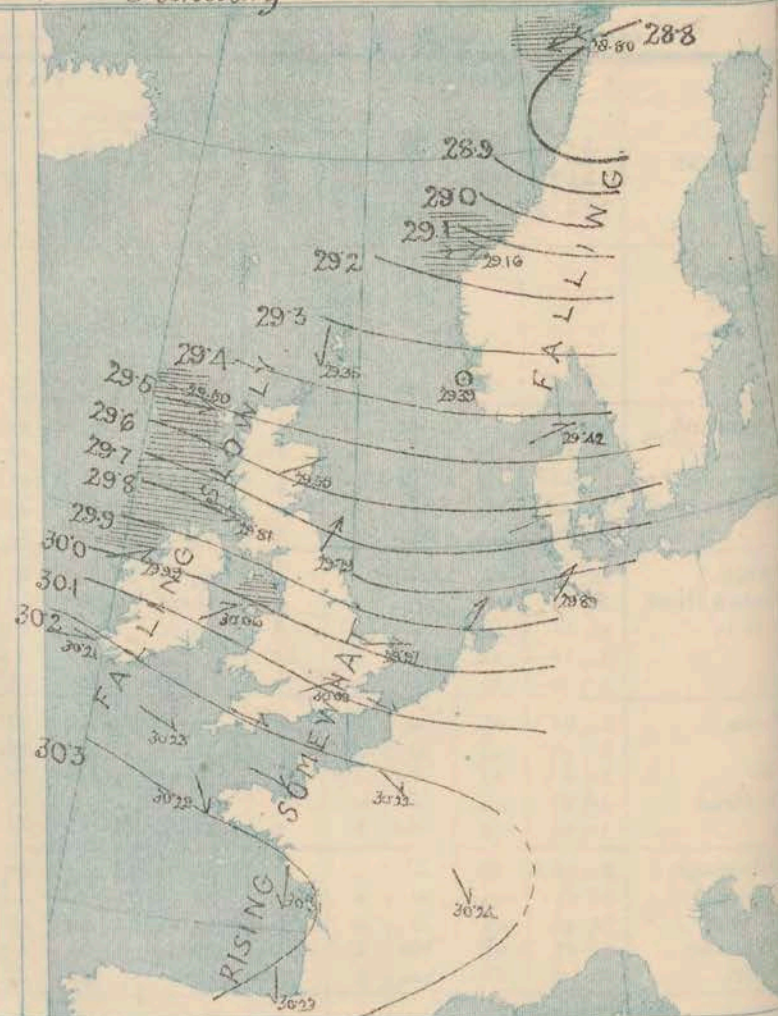
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces 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 January.  
 During the 10 Years 1871–1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.833
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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 January

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max	Daily Min.	Ave. & R. Dry	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.68
Stornoway	43.1	31.2	38.9	37.6	5.17
Wick	42.4	35.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.8	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.2	1.88
Ardrossan	46.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.08
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.68
Pembroke	46.1	40.3	42.8	41.3	3.02
Scilly	49.3	43.6	46.5	45.0	3.98
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

Note — The Temperature means are for the 10 years 1871–80, the Rainfall means are mainly those for the 20 years 1866–85.





# REMARKS.

for Friday 1<sup>st</sup> January 1886 at 8 a.m.

The large depression which lay to the northward of the Shetlands yesterday has apparently travelled in a north-easterly direction to the neighbourhood of Bodø, but the barometer is still falling a little on our western and northern coasts. At our eastern, southern and the French stations the mercury is rising, and an anticyclone in which readings exceed 30 ins. now lies over the Bay of Biscay. A strong ENE. gale is reported at Bodø, and a light NE. breeze at Lumburg Head, but over our Islands and the North Sea the wind is chiefly W<sup>ly</sup>, while in France it draws into NW. In force it is strong at some of our north-western stations, but light or moderate elsewhere. The weather is cloudy or overcast in nearly all places, with rain in the north of Scotland and east of England, as well as in the west of Norway. Slight rain fell yesterday in many parts of the Kingdom. Temperature has again risen generally, and is uniformly high for the time of year. Over the greater part of our Islands readings range between 41° and 53° but at Lumburg Head the thermometer stands at 40°. The sea is rather rough in the eastern north and north-west, but moderate to smooth elsewhere.

Mild unsettled weather seems likely to continue, but at present there is no sign of the approach of any serious depression.

NOTE. The Rainfall Averages given on p. 2 of the Daily Weather Report have been revised to date and are now the means of the 20 years observations 1866 to 1885.

## FORECASTS

for the 24 hours ending at NOON on 2<sup>nd</sup> January 1886.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND NORTH  
W<sup>ly</sup> winds, fresh or strong; dull, squally, some rain.

2 SCOTLAND EAST  
SW<sup>ly</sup> and W<sup>ly</sup> winds, moderate or fresh; changeable, some rain.

3 ENGLAND N.E.  
-----D-----D-----D-----

4 ENGLAND EAST  
Same as No 5

5 MIDLAND COUNTIES  
Same as No 5.

6 ENGLAND SOUTH  
W<sup>ly</sup> winds, moderate or fresh; cloudy, slight rain at times.

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

### WARNINGS

Same as No 0

SW<sup>ly</sup> and W<sup>ly</sup> winds, fresh or strong; dull, some rain.

Same as No 5

Same as No 7.

Same as No 5.

The warning signals were lowered yesterday on all coasts.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.43	43	41	S	8	h	6	Holyhead	30.00	49	49	W	4	0	4
Sumburgh Head	29.36	45	44	W	4	0	3	Valencia	30.25	51	51	W	3	omd	4
Stornoway	29.66	47	47	W	6	q d	5	Scilly	30.18	51	50	W	6	0	6
Aberdeen	29.65	44	43	W	3	bc	1	Dungeness	29.94	48	47	W	3	0	3
Shields	29.76	50	47	Sw	4	c	2	London	29.96	49	47	W	2	o g d	*
Ardrossan	29.85	49	48	W	4	0	3	Yarmouth	29.87	45	44	W	3	c m	3
Malin Head	29.92	47	47	W	4	f	4	Jersey	30.08	49	48	W	4	0	4
Mullaghmore	30.04	48	48	W	6	omr	5	Rochefort	30.21	48	46	W	5	0	2
Belmullet	30.09	50	49	W	5	0	*								

## REMARKS.

The depression in the north is moving away in an easterly direction and the barometer is now rising in all parts of our Islands. E or W winds prevail generally, with fine weather on our north east coasts, but weather elsewhere. Rain is falling at Mullaghmore and Skudesnaes, and slight drizzle at Stornoway and in London. The sea is rough at Scilly, 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 *Saturday* — 2<sup>nd</sup> January 1886.

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

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STATIONS.	† YESTERDAY EVENING.					8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.	
			Dirac.	Force. (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12.)			Max.	Min.		
Haparanda .....	29.01	14	N	2	0	28.99	-.13	-15	-15	-16	N	2	6	*	1	-17	0.08	
Hernösand .....	29.03	23	S	2	6	29.09	-.04	19	18	+2	N	3	6	*	30	16	-	
Stockholm .....	29.16	37	N	0	0	29.12	-.11	32	29	-3	N	2	0	*	39	28	-	
Wisby .....	29.33	40	SW	6	N	29.09	-.20	36	36	-1	ENE	4	N	*	41	28	0.35	
Bodö .....	28.85	15	ESE	4	S	29.05	+ .25	17	14	+8	NNE	4	6c	2	?	?	-	
Christiansund .....	29.19	25	WSW	2	S	29.34	+ .18	32	31	-1	NW	4	S	6	?	27	-	
Skudesnaes .....	29.23	40	N	0	N	29.38	-.01	36	33	-7	NNW	4	0	4	?	23	0.51	
(Xö) (Xiansund) .....	29.23	45	WSW	6	N	29.32	-.06	36	34	-9	NNE	1	0	3	45	34	0.16	
Skagen (The Skaw) .....	29.27	43	W	5	0	29.22	-.20	36	35	-6	ENE	3	N	4	?	36	0.16	
Fanö .....	29.53	42	SSW	6	N	29.43	-.26	41	41	0	W	6	6	*	43	41	0.04	
Cuxhaven .....	29.76	41	WSW	6	N	29.66	-.23	44	44	+5	W	6	f	*	45	?	0.36	
Sumburgh Head .....	29.23	35	ESE	4	N	29.51	+ .16	36	34	-4	N	2	0	3	40	32	0.64	
Stornoway .....	29.35	49	W	7	N	29.60	+ .10	40	40	-10	W	4	N	4	51	38	0.60	
Wick .....	29.27	49	W	5	N	29.59	+ .17	38	38	-11	SW	1	om	1	50	35	0.15	
Nairn .....	29.38	51	SW	3	N	29.62	+ .09	43	41	-10	W	2	0	1	53	41	0.12	
Aberdeen .....	29.39	52	W	4	6	29.64	+ .09	40	39	-13	N	0	dm	1	57	40	0.02	
Leith .....	29.53	52	W	6	0	29.68	-.03	43	41	-9	N	2	6	*	52	42	0.01	
Shields .....	29.72	53	SW	5	0	29.73	-.06	45	44	-7	WSW	3	m	0	53	44	-	
Spurn Head .....	29.82	48	WSW	5	0	29.79	-.11	44	44	-3	WSW	4	6	3	48	44	-	
York .....	29.90	50	WSW	5	0	29.86	-.13	48	45	-2	W	2	6	*	50	46	-	
Loughborough .....	29.96	49	WSW	4	0	29.87	-.16	48	47	-1	W	2	0	*	50	47	-	
Ardrossan .....	29.67	50	W	7	qd	29.75	-.06	47	43	-2	WNW	5	0	4	50	44	0.14	
Malin Head .....	29.68	49	W	7	mp	29.84	+ .01	45	43	-2	W	4	om	5	50	44	0.15	
Mullaghmore .....	29.84	50	SW	6	N	29.91	-.08	46	43	-3	W	5	om	5	50	44	0.43	
Belmullet .....	29.88	50	WSW	7	N	29.95	-.06	46	43	-4	WNW	6	0	*	50	46	0.32	
Donaghadee .....	29.82	51	WSW	3	0	29.86	-.06	45	44	-6	W	2	0	0	51	36	0.02	
Barrow-in-Furness .....	29.87	47	SW	5	0	29.82	-.14	45	44	-1	W	4	0	*	49	44	0.28	
Liverpool (Bidston) .....	29.93	48	WSW	3	0	29.85	-.16	45	44	-3	W	5	0	4	52	45	0.10	
Holyhead .....	29.96	48	SW	4	om	29.90	-.16	47	44	-2	W	4	6c	3	50	42	0.03	
Parsonstown .....	30.12	49	W	1	0	29.99	-.12	45	43	-3	W	1	0	*	50	44	0.03	
Valencia .....	30.11	50	WSW	4	ogm	30.06	-.15	49	48	0	NW	1	om	3	52	46	0.05	
Roche's Point .....	30.08	48	W	2	0	30.02	-.16	50	48	+4	NW	3	6c	3	53	41	0.01	
Pembroke .....	30.06	48	W	6	0	29.98	-.18	49	49	+1	W	4	0	3	49	46	0.02	
Scilly .....	30.18	49	NNW	5	0	30.09	-.14	51	51	+2	WSW	5	N	4	51	47	0.06	
Prawle Point .....	30.15	47	W	3	0	30.06	-.14	48	48	0	WSW	3	0	3	48	45	0.01	
Hurst Castle .....	30.10	46	WSW	4	0	30.00	-.15	46	46	+1	WSW	5	0	3	46	44	-	
Dungeness .....	30.04	46	W	4	N	29.95	-.13	46	46	+2	W	4	0	4	46	44	0.04	
London .....	30.02	48	WSW	2	6c	29.95	-.14	48	47	+2	WSW	1	0	*	51	45	0.03	
Oxford .....	30.01	47	SW	4	0	29.94	-.16	48	47	+2	SW	5	0	*	51	46	-	
Cambridge .....	29.98	47	SW	1	N	29.90	-.15	46	45	-2	SW	1	0	*	50	44	0.06	
Yarmouth .....	29.92	48	W	4	0	29.83	-.14	46	45	-1	W	3	0	3	50	44	0.02	
The Helder .....	30.20	48	W	4	7f	30.12	-.09	47	47	-1	W	5	0	4	49	45	0.04	
Cape Gris Nez .....	30.26	48	NNW	8	m	30.19	-.10	48	48	+1	WNW	4	m	3	50	46	-	
Jersey .....	30.28	47	NW	3	m	30.22	-.06	47	46	-3	WNW	5	0	3	52	43	-	
Brest .....	30.82	48	NW	3	f	30.30	-.01	45	45	-1	SE	3	f	2	50	41	-	
Lorient .....	30.24	50	NE	3	0	30.26	+ .03	48	44	-2	S	1	0	2	54	41	0.04	
Rochefort .....	*	*	*	*	*	29.95	-.14	46	45	+5	WSW	4	0	*	?	?	0.04	
Biarritz .....	*	*	*	*	*	30.08	+ .06	42	40	+8	S	4	0	*	?	32	0.95	
Corunna .....	30.04	49	S	3	N	30.14	+ .08	48	46	+2	S	4	6c	*	*	*	0.08	
Brussels .....	30.29	85	N	3	f	30.24	-.00	32	?	0	E	1	f	*	37	32	-	
Charleville .....	30.10	42	W	3	6	30.04	00	42	37	?	E	1	6	2	48	38	-	

## 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 Saturday 2<sup>nd</sup> January 1886.

## BAROMETER, WIND & SEA.

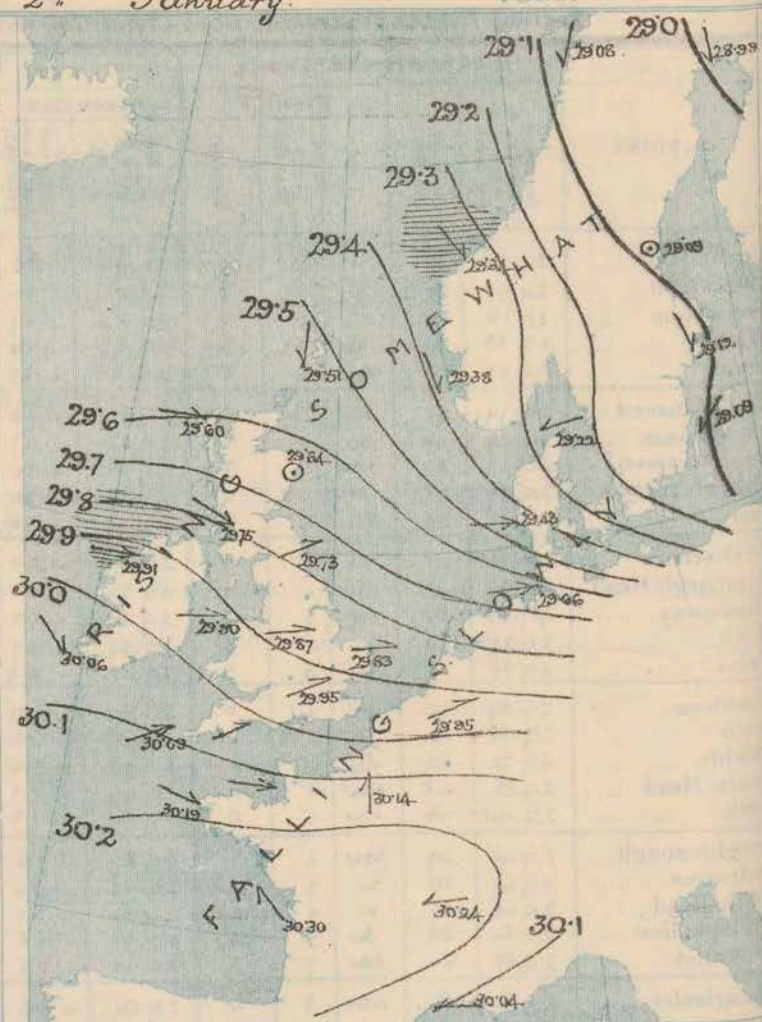
(Explanation of Map)

**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 —  
 → = Force above 10; →→ = Forces 8 to 10;  
 →→ = Forces 5 to 7; →→ = Forces 1 to 4;  
 ○ = dead calm.  
**Sea Disturbance** — where considerable is shown thus  
 [Hatched] = Rough [Cross-hatched] = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



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

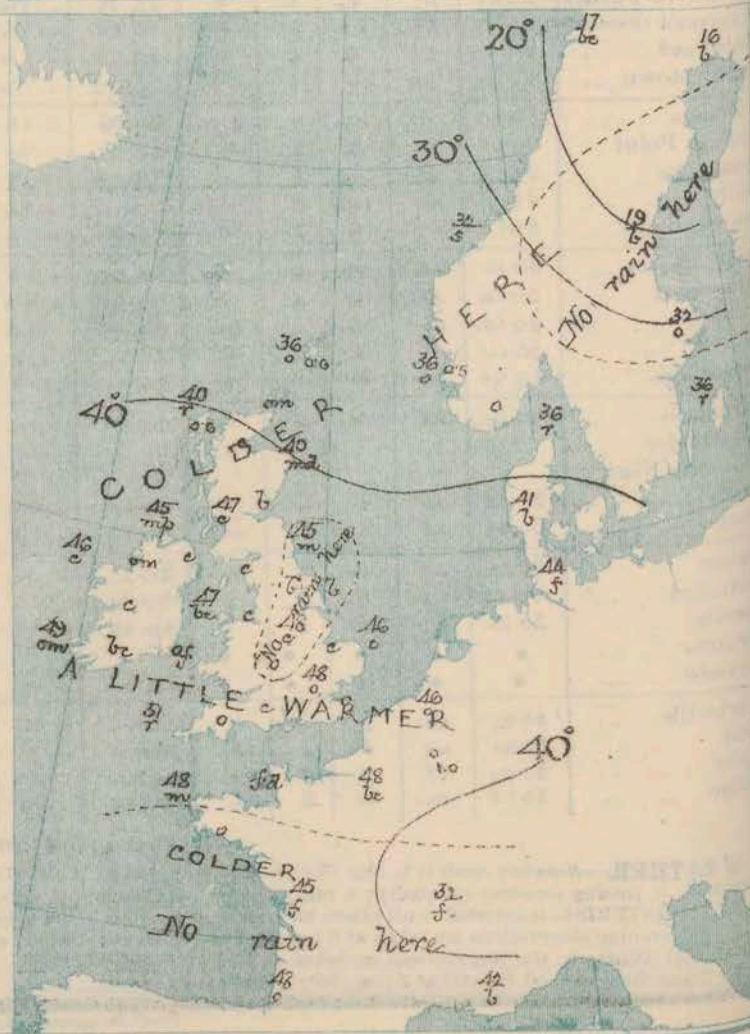
**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more,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

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry	Wet.	
Sunburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.89
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.40
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.7	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE: The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Saturday 2<sup>nd</sup> January

1886 at 8 a.m.

The depression which lay near Bodø yesterday has travelled away to the eastward, and the barometer is now rising at our north-western, northern and most of the Scandinavian stations. Elsewhere, however, the barometer is falling slowly. The wind is N<sup>2</sup> over Scandinavia, as well as in the Shetlands, and E<sup>2</sup> in the south of France, but elsewhere it is chiefly W<sup>2</sup>; in force it is light to fresh on nearly all coasts. Moderate W<sup>2</sup> gales were experienced last night on our north-west coasts. The weather is fair in the north and east of England and also in the east of Ireland, but cloudy or overcast elsewhere, with rain in many places. Rain fell yesterday over all but the northern and central parts of England; in the Shetlands and Hebrides the amount measured this morning was 0.6 in. Temperature has fallen several degrees in the north, and readings now range from 51° at Scilly to 36° in the Shetlands. The sea is rather rough off the north of Ireland, moderate to smooth elsewhere.

No important change in the weather is indicated at present.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that a strong gale from S. veering to NW. was experienced on the 29<sup>th</sup> Ult: in Lat: 45° N. Long: 50° W. the barometer at noon falling to a minimum of 29.6 in. On the same day a despatch ship was seen in Lat 42° N. Long: 62° W.

## FORECASTS

for the 24 hours ending at NOON on 3<sup>rd</sup> January 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	W <sup>2</sup> and NW <sup>2</sup> winds, moderate or fresh; changeable, some rain.	6 { SCOTLAND WEST	Same as No 0
1 { SCOTLAND EAST	W <sup>2</sup> winds, moderate; fair generally.	7 { ENGLAND N. W.	Same as No 1.
2 { ENGLAND N. E.	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----	8 { ENGLAND S. W.	SW <sup>2</sup> and W <sup>2</sup> winds, fresh or strong; unsettled, some rain.
3 { ENGLAND EAST	Same as No 5	9 { IRELAND NORTH	W <sup>2</sup> winds, fresh or strong; dull, some rain.
4 { MIDLAND COUNTIES	Same as No 5.	20 { IRELAND SOUT. I	----- D <sup>o</sup> ----- D <sup>o</sup> ----- D <sup>o</sup> -----
5 { ENGLAND SOUTH	SW <sup>2</sup> and W <sup>2</sup> winds, moderate or fresh; dull, probably some rain.	WARNINGS	
		The south cone was hoisted last evening in districts 0, 6, 7 and 9, but the signals have been lowered this morning.	



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.20	45	44	2	0	1 f	Holyhead	30.07	49	48	Sw	4	0	3
Sumburgh Head	29.31	36	36	N.E.	3	1	Valencia	30.15	48	47	W.S.W.	5	0 m	5
Stornoway	29.39	50	50	W.S.W.	7	1 q	Scilly	30.20	49	49	W	3	0 f	5
Aberdeen	29.48	53	50	W.S.W.	3	6 v	Dungeness	30.07	45	45	W	3	0	2
Shields	29.75	53	51	Sw	5	0	London	30.06	51	50	W	3	0	*
Ardrossan	29.75	50	49	W	6	0	Yarmouth	29.95	49	48	W	4	0 q	3
Malin Head	29.72	49	49	W	7	0	Jersey	30.20	48	48	W	4	0	3
Mullaghmore	29.91	50	49	W.S.W.	5	0 m	Rochefort	30.32	49	49	W	1	0 m	2
Belmullet	29.94	50	49	W.S.W.	6	0								

## REMARKS.

The barometer is now falling in all parts of our Islands, but very little change has occurred in the weather. The sky is overcast in most places and rain is falling in the Shetlands and Hebrides. The sea is rough on our extreme western coast, moderate to smooth elsewhere.

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

ST
Hapar
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Bodö
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Skude
Oxö
Skage
Fano
Cuxhe
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Storn
Wick
Nairn
Aberd
Leith
Shiel
Spur
York
Lough
Ardro
Malin
Mulla
Belm
Donag
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Liver
Holy
Parsa
Valen
Roch
Pemb
Scilly
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Hurst
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# DAILY WEATHER REPORT

for Sun day 3<sup>rd</sup> January 1886.

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

Issued by the Meteorological Office, 16, Victoria Street, London, W. 1.																			
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.										PAST 24 HOURS.		
	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather	BAROMETER.		SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.		
			Dirac.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).			Max.	Min.			
Haparanda	29.17	-1	NW	2	0	29.49	+ .50	8	7	+ 23	NW	2	b	*	?	-17	-		
Hernösand	29.33	17	Z	0	b	29.69	+ .60	15	13	- 4	N	2	b	*	27	?	-		
Stockholm	29.41	24	W	2	b	29.70	+ .58	17	15	- 15	NW	2	b	*	37	?	-		
Wisby	29.33	32	N	4	b	29.56	+ .47	28	24	- 8	N	6	b	*	39	?	0.04		
Bodö	29.44	13	E	4	b	29.64	+ .59	18	17	+ 1	E	4	s	2	18	10	-		
Christiansund	29.52	31	E	2	c	29.69	+ .35	29	28	- 3	SE	2	b	4	32	23	0.20		
Skudesnaes	29.62	33	Z	0	bc	29.69	+ .31	36	33	0	ESE	6	c	4	37	?	-		
Oxö (Xtiansand).	29.58	33	NW	4	b	29.85	+ .53	27	26	- 9	N	2	c	2	36	25	-		
Skagen (The Skaw)	29.55	34	N	2	bc	29.82	+ .60	32	30	- 4	ENE	2	b	0	37	32	-		
Fanö	29.71	37	W	4	bc	29.86	+ .43	34	34	- 7	Z	0	bc	*	41	34	0.08		
Cuxhaven	29.72	42	W	3	0	29.97	+ .31	39	39	- 5	WNW	3	c	*	?	37	0.02		
Sumbargh Head	29.55	36	SE	2	0	29.37	- .14	42	40	+ 6	S	4	c	4	42	33	0.10		
Stornoway	29.74	38	W	4	c	29.20	- .40	48	48	+ 8	WSW	5	r	5	48	36	0.86		
Wick	29.66	38	NW	3	b	29.27	- .32	41	40	+ 3	S	5	og	3	45	34	0.25		
Nairn	29.75	40	W	1	c	29.43	- .19	41	40	- 2	Z	0	o	1	43	34	0.08		
Aberdeen	29.75	38	W	2	b	29.52	- .12	41	39	+ 1	SSW	6	og	2	45	40	0.02		
Leith	29.87	41	W	1	b	29.58	- .10	46	43	+ 3	W	5	c	*	47	41	-		
Shields	29.85	43	WSW	4	b	29.72	- .01	43	41	- 2	S	3	o	2	46	37	-		
Spurn Head	29.89	43	W	4	b	29.92	+ .13	39	38	- 5	SSW	3	b	3	46	38	-		
York	29.91	43	W	1	b	29.88	+ .08	41	39	- 7	S	3	bc	*	50	39	-		
Loughborough	29.97	45	WNW	2	0	29.98	+ .11	39	38	- 9	SE	1	b	*	51	38	-		
Ardrossan	29.97	44	WNW	4	b	29.57	- .18	46	46	- 1	SSW	6	op	5	?	43	0.05		
Malin Head	29.91	44	WNW	3	b	29.45	- .39	49	49	+ 4	SSW	7	pg	5	50	41	0.16		
Mullaghmore	29.97	45	WSW	4	c	29.58	- .33	50	49	+ 4	SW	6	rmg	5	50	45	0.05		
Belmullet	30.00	47	W	5	c	29.51	- .44	50	50	+ 4	SW	7	og	*	50	44	0.25		
Donaghadee	29.96	43	W	2	bc	29.65	- .21	47	47	+ 2	SW	2	c	0	47	39	0.07		
Barrow-in-Furness	29.97	43	SW	3	bc	29.78	- .04	42	41	- 3	SSE	5	o	*	45	40	0.04		
Liverpool (Bulston)	29.98	44	W	4	c	29.88	- .00	48	46	+ 3	S	2	c	3	49	41	-		
Holyhead	30.01	45	W	3	b	29.84	- .06	48	48	+ 1	SSW	4	fg	3	48	37	-		
Parsonstown	30.05	43	WSW	1	b	29.77	- .22	51	49	+ 6	SW	3	o	*	51	35	-		
Valencia	30.08	48	W	1	o	29.85	- .21	51	51	+ 2	SSW	7	mm	6	53	46	0.03		
Roche's Point	30.04	49	NW	2	bc	29.92	- .10	50	50	0	WSW	4	rm	4	53	43	0.01		
Pembroke	30.06	48	WSW	3	c	29.98	- .00	48	48	- 1	SW	3	f	2	49	45	-		
Scilly	30.10	51	W	5	f	30.08	- .01	50	50	- 1	SW	5	f	4	52	48	0.04		
Prawle Point	30.10	47	WNW	3	bc	30.10	+ .04	49	49	+ 1	WSW	1	f	2	50	43	0.04		
Hurst Castle	30.05	44	WNW	2	b	30.09	+ .09	46	46	0	SW	3	m	3	49	44	-		
Dungeness	29.98	45	W	3	b	30.08	+ .13	38	38	- 8	WNW	2	bc	1	49	32	0.01		
London	30.08	48	SW	2	o	30.05	+ .10	37	36	- 11	SW	2	bc	*	53	30	-		
Oxford	30.04	43	SW	3	bc	30.05	+ .11	37	36	- 11	SSW	3	bc	*	51	34	-		
Cambridge	29.99	44	SW	1	b	30.04	+ .14	34	34	- 12	S	1	b	*	53	34	-		
Yarmouth	29.92	45	WNW	3	bc	30.01	+ .18	38	37	- 8	WSW	2	bc	2	49	34	-		
The Helder	29.88	43	WNW	3	b	30.01		40	40		W	1	b	1	45	?	-		
Cape Gris Nez	29.97	44	WSW	5	o	30.05		41	40		SW	1	c	1	48	39	-		
Jersey	30.11	50	W	4	f	30.15	+ .03	49	49	+ 2	WSW	3	f	3	50	46	0.13		
Brest	30.19	50	WNW	4	m	30.18	- .01	49	49	+ 1	W	4	m	3	?	46	-		
Lorient																			
Rochefort	30.21	48	WNW	5	m	30.22	- .00	50	50	+ 3	W	4	m	2	52	43	0.04		
Biarritz	30.30	47	W	4	f	30.30	- .00	46	45	+ 1	WSW	4	m	2	50	39	0.04		
Coronna	30.28	51	W	1	o	30.26	- .00	47	45	- 1	W	3	bc	1	52	45	-		
Brussels	*	*	*	*	*	30.12	+ .17	43	41	- 2	WSW	3	o	*	48	42	0.16		
Charleville						?	?	42	42	+ 1	SSW	4	o	*	45	32	0.04		
Paris	29.95	44	S	4	o	30.21	+ .07	48	46	0	SSW	1	o	*	*	*	0.04		
Lyons	30.11	49	S	4	bc	30.21	+ .07	48	46	0	SSW	1	o	*	*	*	0.04		
Toulon	30.25	37	N	1	o	30.27	+ .03	37	36	+ 5	E	1	o	*	41	?	-		
	30.02	50	Z	0	c	30.02	- .02	45	39	+ 3	NW	1	b	3	52	41	-		

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).

Fred<sup>r</sup> Bangertield Lark London



# WEATHER CHARTS

for 8 a.m. on Sunday 3<sup>rd</sup> January 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

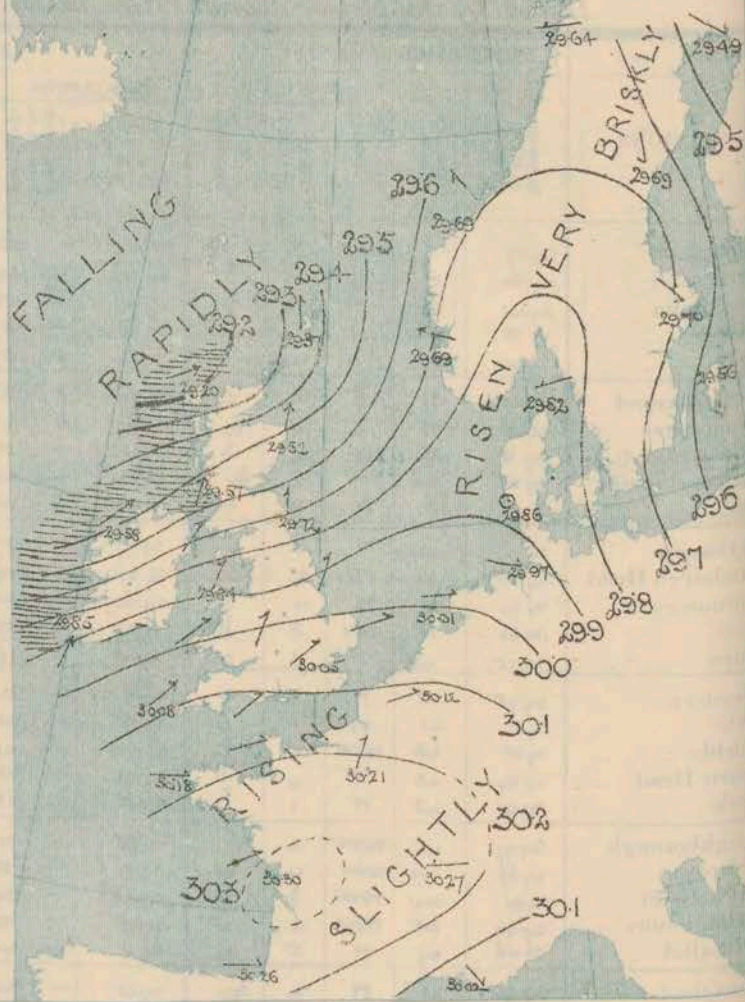
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — force above 10; — force 8 to 10;  
 — force 5 to 7; — force 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 January  
 During the 10 years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.861
Stornoway	29.857
Wick	29.897
Nairn	29.739
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.976
Yarmouth	29.964





## REMARKS.

for Sunday 3<sup>rd</sup> January. 1886 at 8 a.m.

In the course of the past night a brisk fall of the barometer has set in on our western and northern coasts, and a depression is apparently advancing towards the north of Scotland. At our south-eastern and the continental stations, however, the barometer has risen somewhat and pressure is now highest over France. The wind is light from N. in Sweden, and moderate from SE. in the west of Norway, but in our Islands and the north of France it is chiefly SW<sup>by</sup>N, and in Ireland and Scotland it blows strongly. Dull rainy weather prevails in Ireland and the west of Scotland, and fog in the south-west of England, but elsewhere it is fair or fine. Since yesterday rain has fallen at our extreme western and northern stations. Temperature has fallen several degrees over England, but risen slightly elsewhere; readings now range from 51° at <sup>St</sup>Barrowtown and Valencia to 34° at Cambridge. Slight frost occurred in the south-east of England last night. The sea is rough at <sup>St</sup>Valencia, rather rough off the west coast of Ireland and Scotland generally, moderate to smooth elsewhere.

## FORECASTS

For the 24 hours ending at NOON on 4<sup>th</sup> January 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	<i>None issued</i>	6 { SCOTLAND WEST	<i>None issued.</i>
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	<p>The south cone has been  This morning in all  excepting 3.4. and part</p>



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.52	37	34	NNW	3	r	4	Holyhead	29.96	47	45	WNW	4	c	3
Sunburgh Head	29.52	35	34	NE	1	o	3	Valencia	30.08	49	48	W	1	o	2
Stornoway	29.68	42	41	WNW	5	bgyz	4	Scilly	30.10	52	52	W	5	om	4
Aberdeen	29.66	43	40	WNW	4	b	1	Dungeness	29.96	48	48	W	3	c	2
Shields	29.79	45	42	WSW	2	b	2	London	29.95	53	50	WNW	3	bem	*
Ardrossan	29.80	45	44	WNW	4	bc	3	Yarmouth	29.85	49	45	WNW	4	bc	3
Malin Head	29.88	44	43	WNW	3	r	4	Jersey	30.09	49	49	W	5	o	4
Mullaghmore	29.95	46	44	W	5	cm	4	Rocheport	30.29	49	49	WNW	4	o	2
Belmullet	29.99	47	44	W	5	o	*								

## REMARKS.

The barometer has risen generally, and the wind has veered to the northward of west at several of our stations. The sky has cleared in many places, but dull weather is still reported in the extreme west and south-west, and slight showers are falling at Stornoway. The sea is moderate to smooth.



# DAILY WEATHER REPORT

for Monday 4<sup>th</sup> January 1886.

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

Issued by the Meteorological Office, 16, Victoria Street, London, W. N. 30011, 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	29.80	-11	N	2	b	29.77	+28	-27	-27	-35	Z	0	b	*	9	?	-
Hernösand	29.70	-4	Z	0	b	29.42	-27	24	23	+9	SSE	8	0	*	?	?	-
Stockholm	29.91	32	Z	0	b	29.32	-38	29	28	+12	SSE	6	6	*	?	12	-
Wisby	29.85	24	E	4	c	29.41	-15	32	31	+4	SSE	6	6	*	?	23	0.04
Bodo	29.65	18	E	4	b	29.27	-37	16	13	-2	EHE	6	6	3	?	16	-
Christiansund	29.12	34	SE	8	0	28.78	-91	36	32	+7	SSE	8	b	3	36	25	0.04
Skudesnaes	29.15	41	SE	8	2	29.10	-59	40	37	+4	HSW	8	c	6	?	34	0.55
Oxö (Christiansund)	29.41	35	SE	6	2	29.19	-66	41	38	+14	HSW	6	c	4	?	?	0.98
Skagen (The Skaw)	29.53	35	SSE	6	2	29.21	-61	39	37	+7	HSW	4	b	3	41	32	0.95
Fanö	29.50	41	SW	6	2	29.42	-44	41	41	+7	HSW	4	c	*	43	34	0.59
Cuxhaven	29.80	?	SW	5	2	29.62	-35	46	46	+7	HSW	5	2	*	?	?	0.68
Sumburgh Head	28.93	43	W	5	c	28.85	-52	40	38	-2	W	6	2	6	45	38	0.93
Stornoway	29.11	37	HSW	6	b, h, p	29.13	-07	38	35	-10	W	6	6	6	49	34	0.56
Wick	29.12	36	W	3	b	29.13	-14	35	33	-6	W	4	b	3	41	33	0.04
Nairn	29.17	42	W	4	2	29.22	-19	35	34	-6	W	5	8	4	50	33	0.19
Aberdeen	29.16	49	SSW	2	b	29.27	-25	35	33	-6	HSW	8	b	2	51	35	-
Leith	29.31	46	W	6	b, c	29.39	-19	37	36	-9	W	5	b, c	*	52	35	0.14
Shields	29.39	51	S	5	0	29.50	-22	40	37	-3	SW	4	b	2	51	39	-
Spurn Head	29.60	49	SW	6	c	29.61	-31	41	40	+2	HSW	8	c	3	49	38	-
York	29.59	51	SW	5	0	29.60	-28	39	36	-2	W	2	b, c	0	53	38	0.02
Loughborough	29.72	49	SSW	5	0	29.66	-32	43	41	+4	HSW	2	c, g	*	51	38	0.25
Ardrrossan	29.42	46	HSW	3	0	29.43	-14	42	40	-2	SW	5	0	4	48	38	0.28
Malin Head	29.41	42	HSW	6	b, c, p	29.41	-04	39	38	-10	HSW	5	0	4	50	36	0.21
Mullaghmore	29.54	45	W	6	0	29.54	-04	41	40	-9	HSW	6	c, p	5	52	37	0.40
Belmullet	29.58	45	W	6	0	29.58	+07	42	38	-8	HSW	7	c	*	51	40	0.36
Donaghadee	29.51	47	HSW	4	c	29.55	-10	38	37	-9	SW	4	b, c	2	52	36	0.08
Barrow-in-Furness	29.42	47	SSE	1	0	29.60	-18	42	39	0	W	5	0	*	47	40	0.32
Liverpool (Bidston)	29.59	50	SW	1	0	29.62	-23	41	39	-7	W	6	0	4	53	41	0.28
Holyhead	29.62	49	SW	1	0	29.66	-18	41	38	-7	HSW	4	c	4	49	37	0.23
Parsonstown	29.63	49	SSW	1	2	29.67	-10	39	37	-12	SW	1	b, c	*	52	37	0.68
Valencia	29.69	52	HSW	6	2	29.75	-10	42	41	-9	HSW	4	b, c	4	54	40	0.48
Roche's Point	29.74	51	SW	7	2	29.73	-19	43	41	-7	W	3	c	4	52	42	0.56
Pembroke	29.75	47	SW	8	2	29.75	-23	45	45	-3	HSW	3	2	3	49	45	0.88
Scilly	29.96	49	HSW	6	0	29.77	-31	50	49	0	Z	0	2	4	50	48	0.18
Prawle Point	29.96	48	HSW	6	0	29.78	-32	50	50	+1	HSW	4	2	5	50	46	0.25
Hurst Castle	29.95	47	HSW	6	c	29.75	-34	48	48	+2	HSW	6	2	5	48	43	0.19
Dungeness	29.46	47	W	3	2	29.77	-31	47	47	+9	HSW	6	2	4	49	37	0.08
London	29.90	50	SSW	4	0	29.71	-34	50	48	+13	SW	2	0	*	51	37	0.20
Oxford	29.81	50	SW	6	0	29.71	-34	47	45	+10	W	3	0	*	52	37	0.18
Cambridge	29.79	50	S	2	0	29.72	-32	45	44	+11	W	1	0	*	52	34	0.06
Yarmouth	29.78	48	SW	4	0	29.67	-34	43	42	+5	HSW	3	0	4	48	36	0.09
The Helder	29.76	44	SW	7	2	29.62	-39	45	45	+5	SW	5	2	4	?	39	0.43
Cape Gris Nez																	
Jersey	30.07	49	SW	5	c	29.89	-26	49	49	0	SW	7	0	6	50	46	0.02
Brest	30.13	48	SW	5	b	29.97	-21	50	50	+1	HSW	7	0	5	?	46	0.08
Lorient																	
Rochefort	30.23	47	W	5	0	30.04	-18	50	48	0	SW	7	0	4	50	45	-
Biarritz	30.29	47	SSW	4	0	30.25	-05	48	46	+2	SW	5	0	2	48	41	0.04
Corunna	30.07	48	SE	3	b	30.25	+01	45	41	-2	S	1	b	1	54	41	-
Brussels	*	*	*	*	*	29.86	-26	44	42	+1	SW	7	2	*	49	43	0.04
Charleville																	
Paris	30.06	44	SE	1	b	30.00	?	33	?	-10	SE	7	c	*	44	33	-
Lyons	30.18	49	S	9	0	30.07	-14	46	44	-2	SW	4	b, c	*	*	*	-
Toulon	30.28	43	W	1	0	30.27	00	41	40	+4	ESE	1	0	*	46	?	-
	30.14	49	Z	0	m	30.23	+21	46	43	+1	E	4	m	2	54	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).



# WEATHER CHARTS

for 8 a.m. on Monday, 4<sup>th</sup> January 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

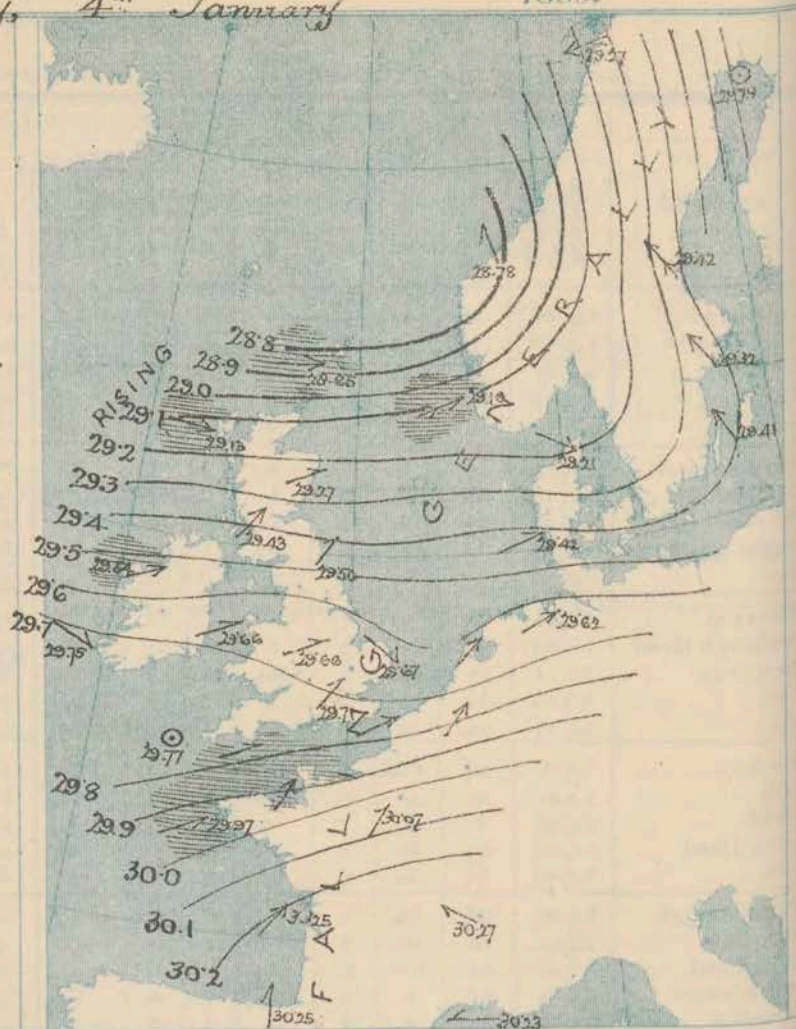
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — forces above 10; — forces 8 to 10;  
 — forces 5 to 7; — forces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

**Sea Disturbance** — where considerable, is shown thus  
 [Hatched Box] = Rough. [Cross-hatched Box] = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.681
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.888
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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 January.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Day.	Night.	
Sumburgh Head	43.0	35.4	39.2	38.3	5.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.8	3.49
Liverpool	44.4	36.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.0	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.8	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Monday 4<sup>th</sup> January 1886 at 8 a.m.

A large and rather deep depression is lying to the northward of the Shetlands, while shallow subsidiary disturbances are passing over the south of our Islands, and the barometer is falling in almost all parts of Western Europe. The highest pressures are now found over the south of France. The wind is SE<sup>3</sup> or S<sup>3</sup> in Shetland, but SW<sup>3</sup> or W<sup>3</sup> elsewhere; in force it varies greatly in different districts, but on many of the most exposed parts of our coast it blows strongly. Moderate or fresh gales from SW or W. were experienced yesterday at several of our stations. Rain is falling in the south of England as well as at Lumburgh Heads, snow at Nain, and passing showers in the north of Ireland, but in most other districts the weather is at present fair. During yesterday rain fell at all but our north eastern stations, the largest amounts being 0.7 in. at Harrowstown, 0.6 in. at Stromway, and 0.5 in. at Valencia and Rock Point. Lightning was seen last night at Stromway and Wick. Temperature has fallen several degrees in the west and north, and now ranges from 50° at Scilly and Prawle Point to 35° at Wick, Nain and Aberdeen. The sea is rough off the north of Scotland, and rather rough in the western part of the Channel, as well as at Mullaghmore.

Subsidiary depressions will probably continue to pass across our Islands, occasioning, equally, showery weather in most places.

## FORECASTS

For the 24 hours ending at NOON on 5<sup>th</sup> January, 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	W <sup>3</sup> winds, strong, perhaps a gale; squally, showery.	6 SCOTLAND WEST	SW <sup>3</sup> and W <sup>3</sup> winds, fresh or strong; squally, showery.
2 SCOTLAND EAST	SW <sup>3</sup> and W <sup>3</sup> winds, moderate or fresh; fair generally but some showers.	7 ENGLAND N.W.	.....
3 ENGLAND N.E.	.....	8 ENGLAND S.W.	W <sup>3</sup> winds, moderate to strong; squally, showery.
4 ENGLAND EAST	SW <sup>3</sup> and W <sup>3</sup> winds, moderate; unsettled, some rain.	9 IRELAND NORTH	Same as No 6
5 MIDLAND COUNTIES	.....	10 IRELAND SOUTH	Same as No 6.
6 ENGLAND SOUTH	SW <sup>3</sup> and W <sup>3</sup> winds, strong, squally and showery to fair. Turning colder.	WARNINGS	The south cone was hoisted yesterday in all districts excepting 3, 4 and part of 5, but the signals have been lowered this morning in districts 1 and 2.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.51	35	34	SE	9	S	5	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rocheft	30.32	47	47	WSW	4
Belmullet							*					0	2

## REMARKS.

### SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD

FROM THE 27<sup>TH</sup> DECEMBER 1885 TO THE 2<sup>ND</sup> JANUARY 1886.

During this period the distribution of pressure was chiefly cyclonic and the westerly. Rough squally weather was prevalent, especially over our western and northern districts, and temperature was, as a rule, high for the time of year.

No important depression has appeared directly over our Islands but several large systems have travelled in an easterly direction over Scandinavia — and some of these have come sufficiently near our northern coasts to affect seriously our winds and weather. The most important disturbances were:—

1. A very large and deep system which passed across the north of Scandinavia on the 27<sup>th</sup> ult: occasioning severe gales in Norway and fresh to strong SW<sup>ly</sup> gales in the north of Ireland.
2. An equally serious depression whose centre passed about 200 miles to the north of the Shetlands on the 28<sup>th</sup> ult: This disturbance caused strong SW<sup>ly</sup> gales in most parts of the United Kingdom, and in its rear a severe snowstorm was experienced in Scotland.
3. A large but shallower system which skirted our extreme northern coasts on the night of the 30<sup>th</sup> ult: and passed away northeastwards. No gales were produced by the disturbance, but strong winds were experienced in many places.

As the second of these disturbances passed away the wind veered to the NW generally. Temperature fell fast and snowshowers were experienced as far south as London. Change to cold weather was, however, purely temporary.

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



# DAILY WEATHER REPORT

for *Tuesday 5<sup>th</sup> January 1883.*

*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.	
			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	29.43	0	E	4	0	29.20	- .57	4	4	+ .31	E	6	0	*	27	0.08		
Hernösand	28.96	21	ESE	6	0	29.06	- .36	10	10	- .14	NE	4	0	*	28	0.04		
Stockholm	29.08	33	SSW	2	0	29.00	- .32	33	31	+ .4	SSW	2	0	*	36	?		
Wisby	29.26	34	WNW	6	0	29.13	- .28	36	34	+ .4	WSW	4	0	*	39	32	0.08	
Bodo	29.09	15	ESE	6	0	29.10	- .17	13	11	- .3	ESE	6	0	*	16	12	0.05	
Christiansund	28.73	36	SW	4	0	28.92	+ .14	29	27	- .7	NNE	6	0	4	36	23	-	
Skudesnaes	29.09	39	W	7	0	28.90	- .20	36	34	- .5	W	4	0	5	?	?	-	
Oxö (Christiansund)	29.19	38	W	6	0	28.99	- .20	34	33	- .7	W	4	0	4	41	34	0.12	
Skagen (The Skaw)	29.22	36	W	4	0	29.07	- .14	33	32	- .6	W	2	0	2	41	?	0.20	
Faro	29.34	38	WSW	4	0	29.16	- .26	35	34	- .6	WSW	4	0	*	41	34	0.08	
Cuxhaven	29.59	41	W	4	0	29.40	- .22	38	38	- .8	WSW	4	0	*	?	36	0.10	
Sumburgh Head	28.93	35	WSW	5	0	29.05	+ .20	31	30	- .9	NE	5	0	5	40	30	0.30	
Stornoway	29.08	35	WSW	5	0	29.16	+ .03	35	35	- .3	WSW	6	0	5	38	32	0.34	
Wick	29.03	32	SW	4	0	29.13	0.00	35	33	0	NE	7	0	5	42	28	0.08	
Nairn	29.13	33	WNW	3	0	29.04	- .20	35	34	0	WSW	3	0	2	36	30	0.30	
Aberdeen	29.20	34	SW	3	0	29.02	- .25	35	33	0	W	2	0	1	39	29	-	
Leith	29.26	36	WNW	3	0	29.12	- .27	36	35	- .1	W	4	0	*	39	33	0.16	
Shields	29.40	39	SW	3	0	29.23	- .27	36	35	- .4	SW	6	0	2	43	33	-	
Spurn Head	29.50	40	WSW	4	0	29.41	- .20	37	36	- .4	WSW	6	0	4	42	34	0.02	
York	29.51	39	SW	1	0	29.38	- .22	37	35	- .2	W	6	0	*	44	33	0.02	
Loughborough	29.60	39	SW	3	0	29.54	- .12	37	44	- .6	W	4	0	*	44	35	-	
Ardrossan	29.33	38	WSW	6	0	29.18	- .25	40	38	- .2	WNW	6	0	5	42	36	0.31	
Malin Head	29.30	35	WNW	5	0	29.33	- .08	40	37	+ .1	WNW	6	0	6	45	32	0.13	
Mullaghmore	29.44	39	W	6	0	29.57	- .01	40	36	- .2	WNW	8	0	6	43	33	0.16	
Belmullet	29.43	35	W	4	0	29.38	- .17	35	34	- .3	WNW	5	0	3	41	33	0.13	
Donaghadee	29.47	41	W	5	0	29.41	- .19	39	36	- .3	SW	6	0	*	43	37	0.04	
Barrow-in-Furness	29.52	38	WSW	4	0	29.45	- .17	39	35	- .2	WSW	7	0	6	44	37	0.09	
Liverpool (Bidston)	29.54	39	WSW	4	0	29.53	- .13	39	37	- .2	WSW	8	0	6	44	33	0.06	
Holyhead	29.60	36	WSW	2	0	29.65	- .02	36	33	- .3	W	2	0	*	42	32	0.10	
Parsonstown	29.73	42	WNW	6	0	29.83	+ .08	42	38	0	WNW	6	0	6	46	36	0.22	
Valencia	29.70	41	WNW	4	0	29.77	+ .04	36	34	- .7	WNW	4	0	4	47	34	0.01	
Roche's Point	29.65	44	WNW	5	0	29.72	- .03	42	40	- .3	WNW	7	0	6	45	38	0.10	
Pembroke	29.77	47	WNW	6	0	29.89	+ .12	44	40	- .6	WNW	7	0	7	50	39	0.36	
Seilly	29.74	42	W	3	0	29.84	+ .06	40	36	- .10	WNW	4	0	4	50	35	0.87	
Prawle Point	29.68	45	W	3	0	29.75	0.00	40	37	- .8	W	7	0	5	48	36	0.34	
Hurst Castle	29.64	49	WSW	6	0	29.67	- .10	37	36	- .10	WNW	5	0	4	49	37	0.48	
Dungeness	29.64	45	WSW	3	0	29.67	- .04	35	33	- .15	W	4	0	*	50	35	0.18	
London	29.64	41	WSW	3	0	29.66	- .05	35	33	- .12	SW	5	0	*	47	35	0.08	
Oxford	29.61	41	WNW	1	0	29.57	- .15	36	33	- .9	SW	3	0	*	46	35	0.06	
Cambridge	29.59	43	W	2	0	29.50	- .17	35	33	- .8	W	4	0	3	45	34	-	
Yarmouth	29.52	42	SW	3	0	29.41	- .21	39	36	- .6	W	7	0	4	45	39	0.08	
The Helder	29.62	47	WSW	8	0	29.62	0.00	39	39	0	W	9	0	7	48	37	0.63	
Cape Gris Nez	29.73	50	SW	7	0	29.88	- .01	43	40	- .6	WNW	5	0	5	50	42	0.30	
Jersey	29.84	50	WNW	5	0	29.98	+ .01	45	41	- .5	WNW	5	0	5	50	41	0.16	
Brest	29.92	51	SW	8	0	30.03	- .01	46	44	- .4	WNW	7	0	4	52	41	0.32	
Lorient	30.17	50	WSW	5	0	30.08	- .17	49	47	+ .1	WNW	5	0	2	50	43	0.32	
Rochefort	30.20	50	WSW	8	0	30.13	- .12	50	47	+ .5	SW	4	0	2	52	45	-	
Biarritz	*	*	*	*	*	30.29	- .10	51	50	+ .3	SW	3	0	4	53	37	-	
Coranna	*	*	*	*	*	29.64	- .24	?	38	?	WSW	3	0	*	49	?	0.71	
Brussels	29.82	43	SE	7	0	29.77	- .23	41	41	+ .8	SE	4	0	*	43	?	0.67	
Charleville	29.93	48	SW	5	0	29.88	- .19	43	41	+ .3	WSW	3	0	*	*	*	0.24	
Paris	30.18	42	S	1	0	30.04	- .23	41	40	0	S	4	0	*	46	33	-	
Lyons	30.23	48	W	0	0	30.11	- .12	44	41	- .2	WNW	3	0	2	54	41	-	
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 (repeated).



# WEATHER CHARTS

for 8 a.m. on

Tuesday, 5<sup>th</sup> January.

1886.

## 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.

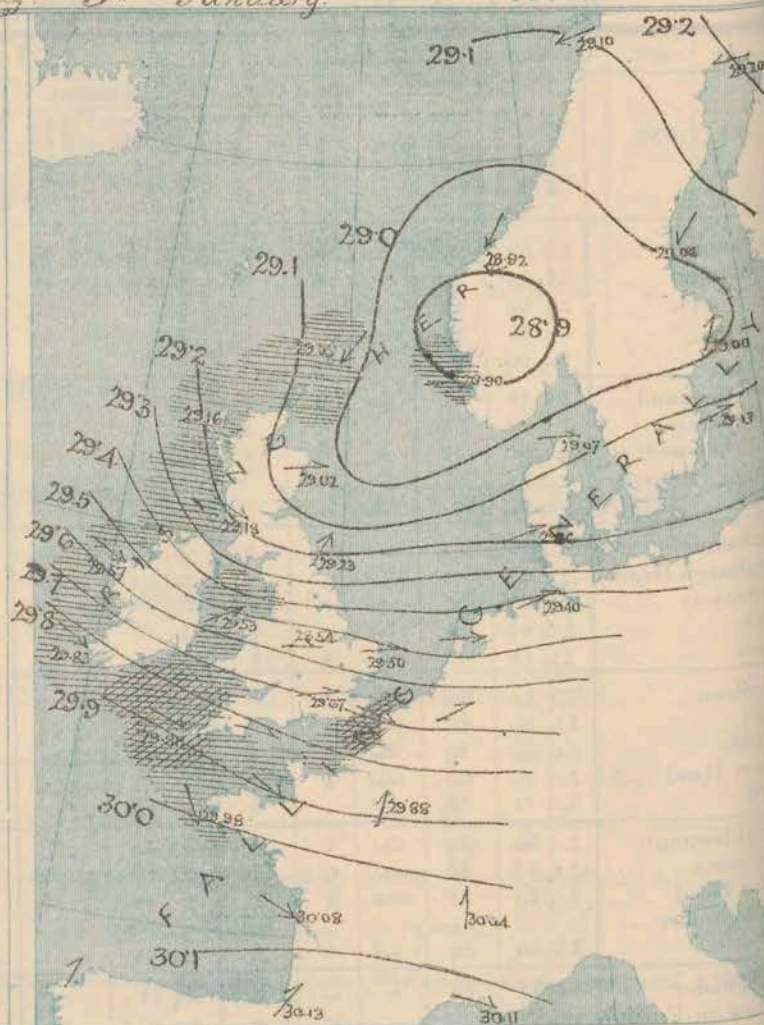
**Sea Disturbance**—where considerable, is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Doughadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.888
Pembroke	29.918
Seilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.954



## 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.

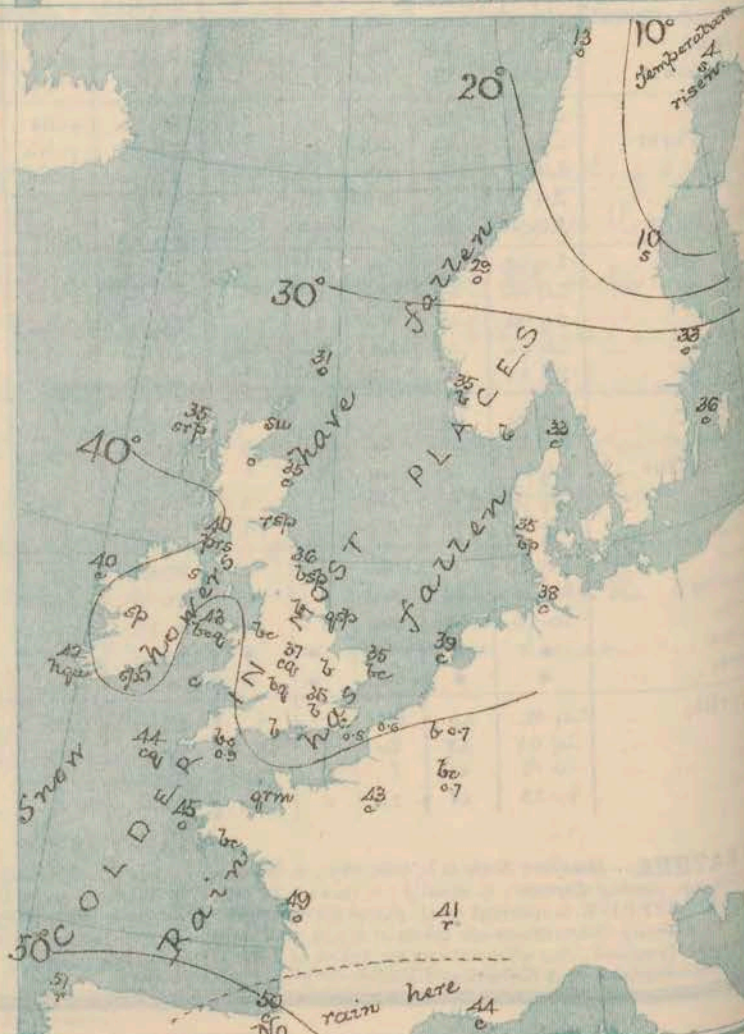
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry	Wet.	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.3	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Doughadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.9	41.7	40.3	3.40
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.2	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.2	42.8	41.2	3.92
Seilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.63
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	43.2	34.6	37.8	37.1	2.06

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Tuesday 5<sup>th</sup> January

1886 at 8 a.m.

The depression which lay to the northward of the Shetlands yesterday has apparently advanced to the south of Norway, and the barometer has risen a little on our extreme western and northern coasts, while it has continued to fall at our eastern and the Continental stations. The wind is NE<sup>2</sup> over the northern part of Scandinavia and also in the extreme north of Scotland, but SW<sup>2</sup> on our eastern coast and W<sup>2</sup> or WNW<sup>2</sup> in the west; in force it is fresh or strong in most places, with gales at Helmsdale and Holyhead. In the course of the past 24 hours fresh or strong W<sup>2</sup> gales have been experienced at several of our western stations. The weather is fine over western, central, and southern England, but cloudy or overcast elsewhere, with snow showers in many places. Steady rain fell yesterday in the south of England, and cold showers were experienced at many of our northern stations. Temperature has fallen several degrees over England, and readings now range from 44° at Kelly to 31° in the Shetlands. The sea is high at Kelly, and rough or rather so on all but our east coast.

The depression over Norway is inclined to travel south-eastwards, and the wind in our Islands will probably veer to the NW<sup>nd</sup>.

## FORECASTS

for the 24 hours ending at NOON on 6<sup>th</sup> January. 1886.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 SCOTLAND  
NORTH

NE<sup>2</sup> and N<sup>2</sup> winds, strong;  
squally, some snow.

1 SCOTLAND  
EAST

W<sup>2</sup> to NW<sup>2</sup> winds, fresh or strong;  
unsettled, some snow showers.

2 ENGLAND  
N.E.

-----D<sup>e</sup>-----D<sup>e</sup>-----D<sup>e</sup>-----

3 ENGLAND  
EAST

Same as No 5

4 MIDLAND  
COUNTIES

Same as No 5.

5 ENGLAND  
SOUTH

W<sup>2</sup> winds, fresh or strong; fair  
generally, but perhaps cold showers.

6 SCOTLAND  
WEST

W<sup>2</sup> to NW<sup>2</sup> strong winds or gales;  
squally, some cold showers.

7 ENGLAND  
N.W.

-----D<sup>e</sup>-----D<sup>e</sup>-----D<sup>e</sup>-----

8 ENGLAND  
S.W.

W<sup>2</sup> and NW<sup>2</sup> strong winds or gales;  
squally, showery.

9 IRELAND  
NORTH

-----D<sup>e</sup>-----D<sup>e</sup>-----D<sup>e</sup>-----

10 IRELAND  
SOUTH

-----D<sup>e</sup>-----D<sup>e</sup>-----D<sup>e</sup>-----

### WARNINGS

The north cone has been hoisted  
this morning in districts 6 to 10.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.13	40	37	WSW	8	chg	Holyhead	29.60	43	40	W	4	bc	3
Sumburgh Head	28.94	38	34	W	5	c	Valencia	29.73	43	41	WNW	6	cq p	6
Stornoway	29.08	36	34	WSW	6	o q/h p	Scilly	29.76	49	48	WNW	5	o p	5
Aberdeen	29.22	39	36	SW	3	b	Dungeness	29.69	48	48	WSW	6	n	4
Shields	29.43	42	40	SW	3	b	London	29.66	49	49	WSW	5	o q n	4
Ardrossan	29.37	39	38	WSW	6	n	Yarmouth	29.63	44	43	WSW	3	o	4
Malin Head	29.33	35	33	WNW	5	n	Jersey	29.79	50	50	SW	7	o	6
Mullaghmore							Roche fort	30.22	50	47	SW	4	o	1
Behnullet	29.53	42	38	W	6	bc	*							

## REMARKS.

The barometer is now falling again in all parts of the Kingdom, but the winds are practically unchangeable. The weather is fine over the northern parts of Ireland and England and also at Aberdeen, but cloudy elsewhere, with steady rain in the south of England and passing showers in other localities. The sea is in the extreme southwest, west, and north.

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

STAT.
Haparau
Hernösa
Stockho
Wisby
Bodö
Christia
*Skudesna
Oxö (Xth)
Skagen (Fau)
Cuxhave
*Sumbur
*Stornow
Wick
Nairn
*Aberdeen
Leith
*Shields
Spurn H
York
Loughbo
*Ardross
Malin H
*Mullagh
*Behnulle
Donagha
Barrow-
Liverpoo
*Holyhea
Parsonst
*Valencia
Roche's
Pembrok
*Scilly
Prawle I
Hurst Ca
*Dungen
London
Oxford
Cambrid
*Yarmout
The Hel
Cape Gri
*Jersey
Brest
Lorient
*Roche for
Biarritz
Corunna
Brussels
Charlevi
Paris
Lyons
Toulou
WEA
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# DAILY WEATHER REPORT

for. Wednesday -- 6<sup>th</sup> January. 1886.

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.		Weather.	Sea. (0 to 9).	SHADE TEMP.				
			Direc.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.30	-12	NE	2	b	29.40	+ 20	-15	-15	- 19	NE	4	o	*	7	?	-		
Hernösand	29.19	8	NE	4	s	29.38	+ 32	2	1	- 8	NE	2	c	*	21	?	0.04		
Stockholm	28.98	32	S	2	o	29.12	+ 12	24	23	- 9	NNE	4	s	*	34	28	0.08		
Wisby	29.05	36	W	4	bc	29.04	- 09	35	34	- 1	SW	2	r	*	36	30	0.04		
Bodö	29.27	8	ENE	4	c	29.47	+ 37	6	5	- 7	ENE	2	b	*	14	5	-		
Christiansund	29.19	25	NE	8	s	29.45	+ 27	25	23	- 4	ESE	1	o	3	?	19	0.16		
Skudenes	29.04	30	NNW	8	b	29.47	+ 57	25	21	- 10	NNW	4	c	4	36	30	-		
Oxö (Xtiansund)	28.92	32	NNW	4	o	29.31	+ 32	26	22	- 8	NNW	6	bc	2	34	23	0.08		
Skagen (The Skaw)	28.91	33	W	3	bc	29.02	- 05	23	22	- 10	NE	8	s	4	34	?	0.20		
Fanö	29.04	36	WSW	6	r	29.31	+ 15	30	31	- 2	NW	8	c/p	*	37	32	0.12		
Cuxhaven	29.30	37	W	7	s	29.50	+ 10	36	35	- 2	WNW	5	bc	*	38	34	0.34		
Sumburgh Head	29.39	28	N	6	cfs	29.73	+ 68	30	28	- 1	N	4	c	4	34	25	0.63		
Stornoway	29.60	33	N	4	b	29.85	+ 69	32	32	- 3	N	3	b	2	37	28	0.06		
Wick	29.46	31	N	7	s	29.84	+ 71	32	31	- 3	N	4	b	3	37	26	0.07		
Nairn	29.57	34	SSE	5	s	29.84	+ 80	25	24	- 10	L	0	b	1	35	22	0.04		
Aberdeen	29.42	31	N	5	bps	29.76	+ 74	30	28	- 5	NNW	4	bc	6	36	26	0.18		
Leith	29.50	26	N	3	b	29.78	+ 66	31	29	- 5	N	1	b	*	41	28	-		
Shields	29.40	36	NW	4	bcp	29.71	+ 48	34	32	- 2	NNE	3	bps	4	39	26	0.03		
Spurn Head	29.37	41	WSW	6	bc	29.66	+ 25	36	34	- 1	NNE	4	c	4	40	31	-		
York	29.32	37	N	4	o	29.69	+ 31	28	28	- 9	N	1	bc	*	41	26	0.05		
Loughborough	29.50	38	WNW	4	r	29.64	+ 10	29	28	- 8	NE	3	og	*	41	29	0.26		
Ardrossan	29.54	35	L	0	b	29.82	+ 64	27	26	- 13	N	1	bm	1	41	26	0.01		
Malin Head	29.32	29	NNE	4	bc	29.86	+ 53	34	30	- 6	ENE	4	b	3	48	33	-		
Mullaghmore	29.60	37	NNE	4	c	29.78	+ 35	32	32	-	ENE	5	c	4	42	35	0.12		
Belmullet	29.60	39	NNW	2	o	29.80	+ 23	35	31	- 5	ENE	4	o	*	43	34	0.29		
Donaghadee	29.57	40	N.	2	o	29.75	+ 37	34	32	- 1	NE	6	b	4	44	32	0.28		
Barrow-in-Furness	29.47	38	NW	4	b	29.67	+ 26	30	30	- 9	NW	3	bc	*	40	28	0.02		
Liverpool (Bidston)	29.51	37	WNW	5	r	29.66	+ 21	32	30	- 7	ENE	4	of	4	41	31	0.15		
Holyhead	29.60	41	WNW	7	cmy	29.45	+ 12	35	32	- 4	ENE	5	o	3	42	30	-		
Parsonstown	29.68	37	S	1	o	29.70	+ 05	34	32	- 2	NE	1	o	*	42	33	0.05		
Valencia	29.70	45	WSW	6	o	29.61	- 22	38	37	- 4	N	5	c	4	47	35	0.27		
Roche's Point	29.68	42	WNW	5	c	29.59	- 18	36	35	-	NE	4	p	4	48	35	0.18		
Pembroke	29.72	44	W	6	bc	29.40	- 32	38	37	- 4	NNE	3	au	5	45	38	0.50		
Scilly	? 29.88	48	WNW	8	cq	29.55	- 34	45	40	+ 1	WNW	8	chg	7	48	41	0.24		
Prawle Point	29.83	40	W	5	c	29.40	- 44	42	39	+ 2	WNW	5	c/p	5	46	37	0.38		
Hurst Castle	29.73	41	WNW	6	bq	29.47	- 28	43	43	+ 3	W	5	c/p	5	48	38	0.21		
Dungeness	29.65	41	W	6	bc	29.56	- 11	38	38	+ 1	SW	3	r	3	44	35	0.60		
London	29.62	38	W	5	b	29.52	- 15	39	32	- 2	E	2	s	*	43	33	0.33		
Oxford	29.65	38	SW	5	o	29.54	- 12	32	32	- 3	NE	5	s	*	42	32	0.53		
Cambridge	29.52	39	SW	3	o	29.62	+ 05	32	31	- 4	E	1	o	*	41	29	0.07		
Yarmouth	29.46	37	W	5	b	29.66	+ 16	35	34	- 0	NNE	4	c	4	39	30	0.04		
The Helder	29.34	40	WSW	9	c	29.64	+ 23	37	35	- 2	WNW	4	c	3	41	36	-		
Cape Gris Nez																			
Jersey	29.88	44	WNW	6	cgr	29.58	- 30	44	44	+ 1	W	6	ogrm	5	46	41	0.21		
Brest	30.01	42	WNW	5	o	29.69	- 29	45	42	- 0	NW	7	r	5	50	39	0.20		
Lorient	30.05	46	WNW	8	c	29.73	- 30	49	45	+ 3	W	8	m	?	?	?	0.04		
Rocheport	30.15	47	WNW	4	c	30.00	- 08	47	45	- 2	SW	7	r	2	52	41	0.08		
Biarritz	30.12	50	WSW	4	r	30.05	- 08	45	43	- 5	SW	4	c	5	54	43	0.48		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	29.71	+ 07	37	36	-	SW	3	o	*	50	36	0.04		
Charleville	? 29.85	42	SSE	4	o	? 29.78	+ 01	40	38	- 1	SSE	1	o	*	50	34	0.12		
Paris	29.93	42	WSW	4	bc	29.83	- 05	42	40	- 1	SSE	4	o	*	*	*	-		
Lyons	30.12	42	NNE	1	o	30.08	+ 04	32	31	- 9	W	1	c	*	43	33	0.08		
Touton	30.06	45	WNW	5	c	29.94	- 17	40	37	- 4	NW	4	bc	3	54	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.  
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‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred<sup>r</sup> Dangerfield Lith London



# WEATHER CHARTS

For 8 a.m. on WEDNESDAY 6<sup>TH</sup> January 1886.

## 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.

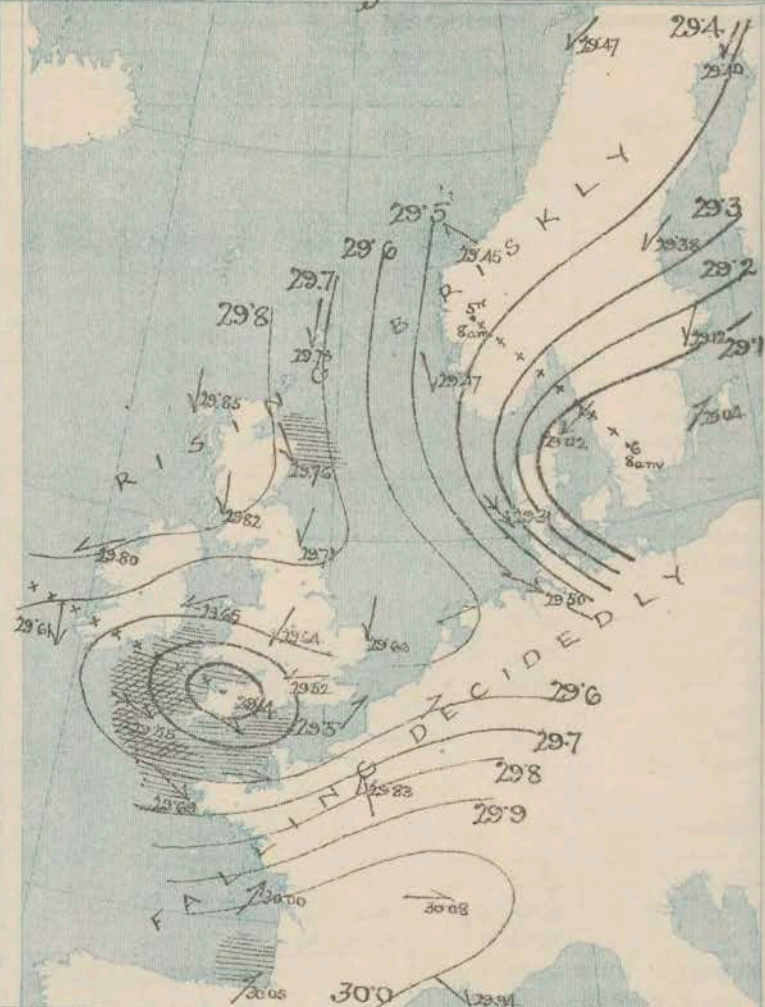
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▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

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	in.
Sumburgh Head	29.661
Stornoway	29.657
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York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.997
Oxford	29.974
Cambridge	29.975
Yarmouth	29.954



## 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 January)

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Avg. & m.	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.06
Stornoway	43.1	34.2	38.9	37.6	0.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	35.5	38.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.58
Donaghadee	44.5	36.3	39.7	38.8	3.08
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.68
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	48.9	37.0	39.8	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.67
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Wednesday 6<sup>th</sup> January 1886 at 8 a.m.

The depression which lay over Norway yesterday has moved southeastwards to the south of Sweden, and a brisk rise of the barometer has taken place on our northern coasts as well as on the eastern shore of the North Sea. In the course of the night, however, a well defined though somewhat shallow disturbance has advanced from the westward to the Bristol Channel, and under the influence of this the barometer is now falling decidedly at our southern and the French stations. Fresh N<sup>ly</sup> (NE or NW) gales are reported in Denmark and moderate N<sup>ly</sup> breezes on our northern and eastern coasts, but in other places the wind circulates round the depression in the southwest. At the mouth of the Channel a fresh W or NW gale is blowing and in the Straits of Dover a moderate SW breeze, while in Ireland and Wales the wind is fresh from the NE<sup>as</sup>. The weather is fine in the north but cloudy elsewhere, with rain over the Channel and west of France, and heavy snow in London and at Oxford. Snow showers fell yesterday at our northern stations and hail or rain in the west and southwest. Temperature has fallen considerably over Scotland and Scandinavia, and less decidedly elsewhere; readings over our Islands now range from 45° at Lillie to 25° at Cairn. Sharp frost occurred last night over Scotland and the north of England. The sea is high at Lillie, rough at Aberdeen and rather rough in the Bay of Biscay and western part of the Channel.

The depression over the Bristol Channel seems likely to move in a southeasterly or an easterly direction over France. In its rear the weather will improve over our southern counties, but an increase of wind from NE is probable on our southeastern coasts.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports, that on the 5<sup>th</sup> inst: a strong gale from SE, veering to SW, was experienced in Lat: 41° N. Long: 72° W. the barometer at 7 am falling to a minimum of 29.6 ins.

## FORECASTS

for the 24 hours ending at NOON on 7<sup>th</sup> January 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
0 { SCOTLAND NORTH	N <sup>ly</sup> winds, moderate or fresh; fair, cold.	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> 2.
2 { ENGLAND N.E.	N <sup>ly</sup> and NE <sup>ly</sup> winds, freshening; fair generally, but some snow showers.	8 { ENGLAND S.W.	NW <sup>ly</sup> to N <sup>ly</sup> strong winds or gales; squally, cold showers.
3 { ENGLAND EAST	NE <sup>ly</sup> winds increasing in force; unsettled, some snow.	9 { IRELAND NORTH	NE <sup>ly</sup> winds, fresh or strong; fair generally.
4 { MIDLAND COUNTIES	----- D <sup>o</sup> ----- D <sup>o</sup> -----	10 { IRELAND SOUTH	NE <sup>ly</sup> and N <sup>ly</sup> winds, fresh; showery.
5 { ENGLAND SOUTH	Wind shifting to NE and increasing in force; snow at first, some improvement later.	WARNINGS	
		The N. cone was hoisted yesterday in districts 3, 5 and 6 to 10.	



# 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	29.91	35	32	NN	8	c	5	Holyhead	29.46	40	38	W	10	ogmm	7
Sumburgh Head	29.25	28	27	N	6	csp	6	Valencia	29.83	46	42	W	6	om	6
Stornoway	29.48	33	32	NNE	6	bqhsf	5	Scilly	29.88	47	42	WNW	8	cm	7
Aberdeen	29.25	34	32	N	5	csg	5	Dungeness	29.67	43	41	WNW	5	c	4
Shields	29.21	39	37	W	6	b	2	London	29.63	43	39	WNW	5	cq	*
Ardrossan	29.34	39	37	NN	3	b	2	Yarmouth	29.49	39	36	W	4	b	3
Malin Head	29.47	41	38	N	5	bc	5	Jersey	29.87	44	42	W	6	bc	5
Mullaghmore	29.52	42	40	WNW	8	chrq	7	Rochefort	30.14	50	46	W	5	c	2
Belmullet	29.63	41	38	WNW	6	ophr	*								

## REMARKS.

The barometer is rising quickly in Scotland, and less decidedly in Ireland, but is falling at the English stations. Strong winds are blowing in the north, and gales from W. or WNW. at Mullaghmore, Holyhead and Scilly. Snow showers are falling in Scotland, and hail in the north of Ireland. The sea is high at Mullaghmore, Holyhead, Scilly, and rather rough on our W and N coasts.

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

STAT
Haparau
Hernosa
Stockho
Wisby
Bodo
Christia
Skudsm
Oxo (xta
Skagen
Fano
Cuxhavo
Sumbur
Stornow
Wick
Nairn
Aberdee
Leith
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Ardross
Malin H
Mullagh
Belmull
Donagha
Barrow
Liverpo
Holyhea
Parsonst
Valencia
Roche's
Pembrol
Scilly
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London
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Cape Gr
Jersey
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Lorient
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Corunna
Brussel
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Paris
Lyons
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Norway
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# DAILY WEATHER REPORT

for *Thursday* — 7<sup>th</sup> JANUARY 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.		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	29.55	-17	NE	4	b	29.58	+ .18	-12	-12	+ 3	NE	4	o	*	2	-18	-	
Hernösand	29.57	-7	NE	4	b	29.64	+ .26	-1	-2	- 3	NNE	2	b	*	9	-8	-	
Stockholm	29.26	12	N	8	s	29.58	+ .16	0	-2	- 24	NNW	4	o	*	32	?	0.20	
Wisby	29.97	29	W	8	o	29.45	+ .41	17	17	- 18	NW	8	s	*	36	?	0.39	
Bodö	29.68	5	ESE	2	b	29.49	+ .02	6	4	0	ESE	4	b	2	7	3	-	
Christiansund	29.66	24	WSW	3	o	29.48	+ .03	30	28	+ 5	WSW	4	o	4	30	21	0.04	
Skudesnaes	29.77	24	Z	0	b	29.80	+ .33	30	28	+ 5	ESE	4	o	4	?	?	-	
Oxö (Xtiansund)	29.71	24	NNW	6	b	29.86	+ .55	20	18	- 6	NNW	2	b	1	28	19	-	
Skagen (The Skaw)	29.62	23	NE	5	bc	29.84	+ .82	21	20	- 2	Z	0	b	2	32	21	0.08	
Fanö	29.73	26	NNW	3	b	29.91	+ .60	25	23	- 8	Z	0	b	*	34	23	-	
Cuxhaven	29.65	36	NNW	5	c	30.01	+ .51	28	28	- 8	WSW	2	b	*	36	27	-	
Sumburgh Head	29.90	29	N	3	b	29.56	- .17	35	34	+ 5	W	4	o	3	37	29	0.01	
Stornoway	30.01	29	NNW	3	b	29.68	- .17	35	35	+ 3	SSW	5	crsp	4	38	25	0.13	
Wick	29.99	20	N	1	b	29.65	- .19	33	32	+ 1	SW	3	bc	1	33	20	-	
Nairn	29.99	30	W	2	c	29.78	- .06	33	31	+ 8	W	5	c	1	33	22	-	
Aberdeen	29.96	29	NNW	4	bhps	29.88	+ .12	22	21	- 8	WSW	4	bc	3	32	15	-	
Leith	29.99	33	N	2	b	29.98	+ .20	29	29	- 2	WSW	1	bm	*	36	21	-	
Shields	29.91	36	N	4	b	30.07	+ .36	22	22	- 12	SW	2	bc	5	37	22	0.10	
Spurn Head	29.87	35	N	5	c	30.04	+ .38	32	32	- 4	NNW	5	bc	4	37	30	0.01	
York	29.89	31	N	1	c	30.15	+ .46	20	20	- 8	N	1	b	*	37	19	0.06	
Loughborough	29.87	31	NNW	3	b	30.11	+ .47	25	25	- 4	W	1	bm	*	35	25	-	
Androssan	30.04	32	N	1	b	30.02	+ .50	35	35	+ 8	SW	5	c	4	35	22	-	
Malin Head	30.09	34	ESE	?	b	29.92	+ .06	34	33	0	SW	6	o	4	37	30	-	
Mullaghmore	30.07	34	ESE	4	b	30.03	+ .25	33	31	- 2	SSE	4	o	3	36	33	-	
Belmullet	30.09	32	ESE	3	b	30.02	+ .22	29	27	+ 4	SSW	6	o	*	39	28	0.01	
Donaghadee	30.05	36	NE	2	b	30.10	+ .35	24	24	- 10	NW	1	b	0	37	22	-	
Barrow-in-Furness	29.94	32	N	3	b	30.10	+ .43	27	26	- 3	E	2	b	*	36	26	0.20	
Liverpool (Bidston)	29.94	31	NE	2	b	30.12	+ .46	30	28	- 2	NNE	1	b	2	34	28	-	
Holyhead	29.97	38	ESE	5	bcq	30.13	+ .48	31	29	- 4	S	1	f	2	38	27	-	
Parsonstown	30.07	29	Z	0	b	30.15	+ .45	22	22	- 12	Z	0	c	*	34	18	-	
Valencia	30.05	35	ESE	4	b	30.16	+ .55	33	32	- 5	SE	4	c	4	39	27	-	
Roche's Point	29.99	36	NNE	4	b	30.15	+ .56	30	29	- 6	NNE	1	bc	3	38	28	0.01	
Pembroke	29.87	34	NE	4	b	30.14	+ .74	33	31	- 5	E	2	b	2	38	31	0.04	
Scilly	29.61	42	NE	9	chq	30.10	+ .65	38	35	- 7	NE	4	bc	5	45	34	0.05	
Prawle Point	29.71	34	NE	6	o	30.09	+ .69	28	26	- 14	NNE	4	b	3	46	26	0.02	
Hurst Castle	29.73	36	ESE	5	cps	30.03	+ .56	29	29	- 14	NE	2	b	3	43	27	-	
Dungeness	29.61	26	NE	5	r	30.01	+ .45	30	30	- 8	NE	3	bc	2	44	27	0.40	
London	29.77	33	NE	2	bc	30.08	+ .56	28	27	- 5	N	2	bcf	*	34	26	0.24	
Oxford	29.89	27	NE	1	b	30.12	+ .58	18	18	- 14	NNE	1	b	*	32	18	0.21	
Cambridge	29.81	23	E	1	b	30.09	+ .47	25	25	- 7	N	1	b	*	35	24	-	
Yarmouth	29.76	36	NNE	6	bc	30.03	+ .37	33	32	- 2	Z	0	bm	4	37	31	0.13	
The Helder	29.59	37	ESE	8	s	29.92	+ .45	28	28	-	SE	1	b	1	46	?	-	
Cape Gris Nez	29.63	40	NNE	5	chp	30.00	+ .45	37	34	- 7	NE	5	bc	5	46	34	0.25	
Jersey	29.62	42	NNW	1	b	29.99	+ .30	37	35	- 8	ESE	1	o	1	46	36	0.16	
Brest	29.66	42	NNW	1	o	29.92	+ .19	37	34	- 12	NE	8	bc	2	52	32	0.32	
Lorient	29.75	48	WSW	7	r	29.85	- .15	41	40	- 6	E	7	o	2	50	36	0.28	
Rochefort	29.87	48	SW	4	b	29.81	- .24	46	44	+ 1	WSW	4	r	3	52	45	0.04	
Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Corunna	*	*	*	*	*	30.07	+ .30	20	?	- 17	ESE	1	b	*	38	20	0.87	
Brussels	*	*	*	*	*	29.84	+ .06	28	27	- 12	Z	0	b	*	45	?	0.43	
Charleville	29.60	39	SSW	3	o	29.95	+ .12	33	30	- 9	NNW	4	bc	*	*	*	0.08	
Paris	29.67	41	SW	5	r	29.79	- .29	40	38	+ 8	S	5	o	*	45	?	-	
Lyons	29.89	39	S	4	b	29.79	- .29	40	38	+ 8	S	5	o	*	45	?	-	
Toulon	29.91	43	NW	4	bc	29.85	- .09	41	37	+ 1	E	3	o	2	50	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).



# WEATHER CHARTS

for 8 a.m. on THURSDAY, 7<sup>th</sup> JANUARY

1886.

## 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.

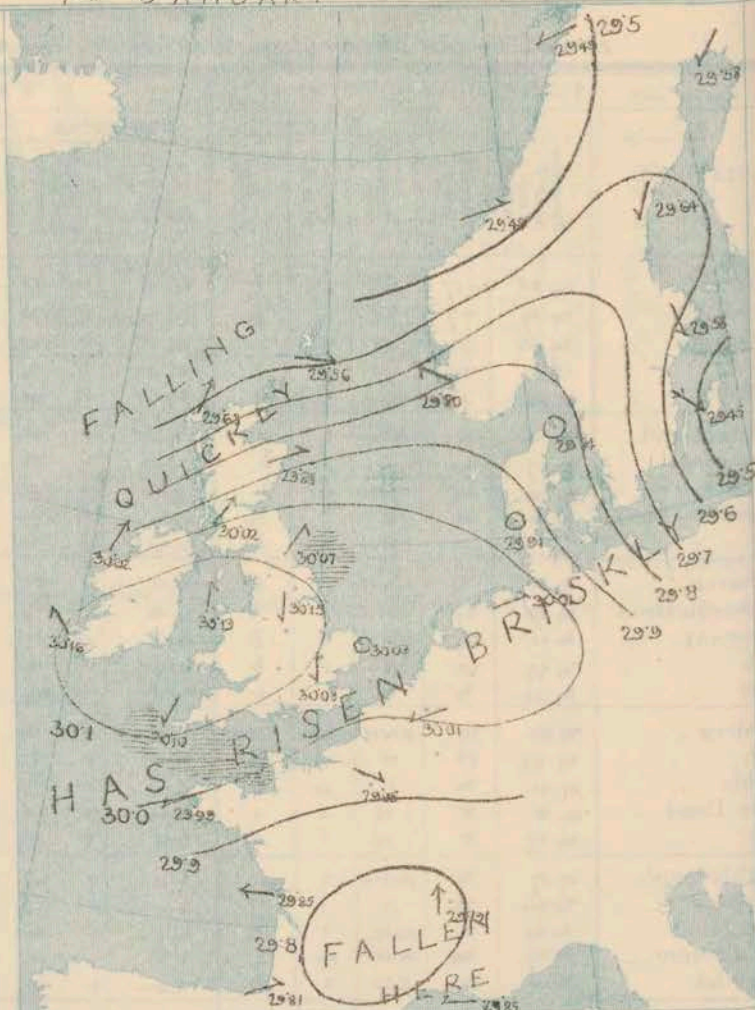
**Sea Disturbance** — where considerable is shown thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.861
Stornoway	29.857
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.897
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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.

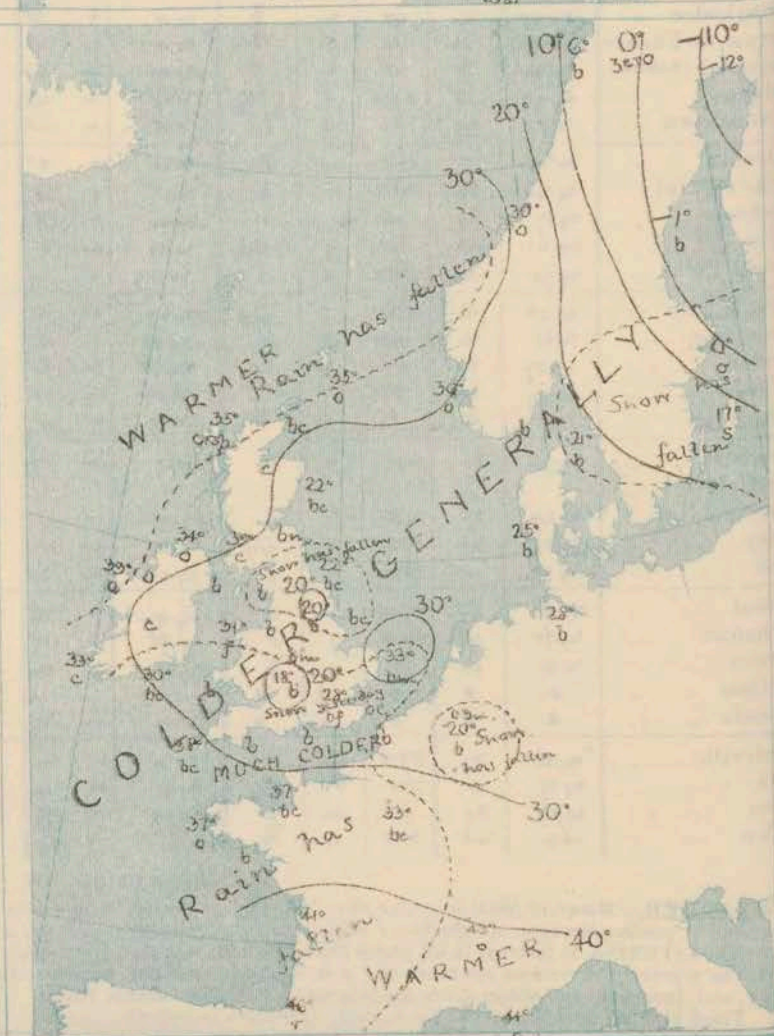
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.86
Stornoway	43.1	34.2	38.0	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.84
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.5	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.08
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	3.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.8	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Thursday 7<sup>th</sup> January 1886 at 8 a.m.

Barometric pressure is now highest (30.1 ins and upwards) in the middle of an anticyclone lying over the western parts of our Islands. To the southward of this area readings decrease slightly to a little below 29.8 ins over the southern parts of France, while to the northward they decrease to a little below 29.7 in at Stormoway, and the barometer is falling fast in that region. Temperature has decreased considerably over England, where hard frost prevails. At Clifton the sheltered thermometer is as low as 18°, while that on the grass has been as low as 8°. Over Scotland, however, the thermometer has risen briskly and Stormoway is now 15° less cold than Clifton. The wind has become NE<sup>ly</sup> at all the southern stations and is moderate in force, after blowing a strong gale at Scilly for some hours last evening. In the north, however, it has backed quickly to the south-westward and is freshening. A heavy fall of snow occurred over the southeastern and south midland counties yesterday, preceded in some places by rain. Fine dry weather now prevails over England and the greater part of France, but in the northwestern parts of our Islands the sky has become overcast again, and rain is falling at Stormoway. The sea is rather rough at the mouth of the Channel and at Shields, moderate to smooth elsewhere.

There is evidently a new depression approaching Scotland from the westward, likely to produce very unsettled weather over our northern districts today, and possibly over the more southern parts of the Kingdom later.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that icebergs were passed on the 30<sup>th</sup> ult. in Lat. 48° N. Long. 52° W.

# FORECASTS

For the 24 hours ending at NOON on 8<sup>th</sup> January 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SW to NW winds, strong to a gale, rain and snow.	6 SCOTLAND WEST	Same as N <sup>o</sup> 0.
2 SCOTLAND EAST	SW <sup>ly</sup> to NW <sup>ly</sup> breezes; fine to rainy, then snow.	7 ENGLAND N.W.	Same as N <sup>os</sup> 1 and 2.
3 ENGLAND N.E.	----- D <sup>o</sup> ----- D <sup>o</sup> -----	8 ENGLAND S.W.	NE <sup>ly</sup> to NW <sup>ly</sup> or W <sup>ly</sup> breezes, light, fair, foggy.
4 ENGLAND EAST	Same as N <sup>o</sup> 5.	9 IRELAND NORTH	Same as N <sup>o</sup> 0.
5 MIDLAND COUNTIES	SW <sup>ly</sup> breezes, mild and fine; then W <sup>ly</sup> or NW <sup>ly</sup> colder with snow.	10 IRELAND SOUTH	Wind becoming SW <sup>ly</sup> and W <sup>ly</sup> milder, some fog.
6 ENGLAND SOUTH	N <sup>ly</sup> to N <sup>W</sup> <sup>ly</sup> or W <sup>ly</sup> breezes, light, milder, fair as a whole.	WARNINGS	The S. cone has been rehoisted this morning in districts 0.6 and 9.



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

	Bar.	Dry.	Wet.	Wind.		Wen.	Sea.		Bar.	Dry.	Wet.	Wind.		Wen.	Sea.
Skudesnaes	29.62	26	23	NNW	2	c	3	Holyhead	29.85	37	34	ENE	5	bag	4
Sumburgh Head	29.85	30	28	N	4	bsp	4	Valencia	29.89	37	35	NNE	5	bcu	5
Stornoway	29.98	37	34	WNW	3	b	2	Scilly	29.52	42	40	NNW	6	og	6
Aberdeen	29.88	31	30	WNW	4	b	6	Dungeness	29.50	38	38	NE	4	o	3
Shields	29.82	36	34	N	2	bc	5	London	29.65	33	33	ENE	2	os	*
Ardrossan	29.95	35	33	N	1	b	1	Yarmouth	29.65	37	34	NE	5	bc	5
Malin Head	30.02	35	31	ENE	3	b	2	Jersey	29.57	42	40	WSW	3	c	4
Mullaghmore	29.98	36	33	ENE	5	b	4	Rochefort	29.85	50	47	WSW	7	o	2
Belmullet	30.01	37	33	E	4	b	*								

## REMARKS.

The depression in the southwest is moving away in a S<sup>3</sup> direction, and the barometer is rising at all stations excepting Scilly and Rochefort. The wind has veered to NW. at Scilly, but elsewhere it has not changed much. Slight snow still falls in Scilly but in all the more northern parts of the country the weather is fine. The sea is rough or rather so on our southern coast, as well as at Aberdeen.



# DAILY WEATHER REPORT

for Friday 8<sup>th</sup> January 1886.

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

Issued by the Meteorological Office, 116, 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.				
			Dirct.	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.	Dirct.	Force. (0 to 12).			Max.	Min.	Amount of Rainfall.		
Haparanda	29.58	17	NE	2	b	29.64	+06	22	22	-10	N	2	0	*	34	23	0.04		
Hernösand	29.66	19	Z	0	b	29.44	-20	10	10	+11	Z	0	0	*	34	23	0.04		
Stockholm	29.73	18	Z	0	b	29.66	+08	24	23	+24	SW	2	0	*	34	23	0.04		
Wisby	29.69	19	NW	6	b	29.70	+25	31	30	+14	W	4	6	3	34	23	0.04		
Bodö	29.30	13	ESE	6	0	29.28	-21	12	9	+6	ESE	6	6	3	34	23	0.04		
Christiansund	29.04	33	ESE	4	b	28.91	-57	37	32	+7	E	2	0	3	34	23	0.28		
Skudesnaes	29.32	39	SW	9	0	28.97	-83	37	35	+7	SSW	8	0	4	34	23	0.28		
(Oxö (Xtiansund))	29.57	38	SSW	8	b	29.24	-62	36	34	+16	SSW	9	0	4	34	23	0.28		
Skagen (The Skaw)	29.68	33	NW	4	b	29.46	-88	31	30	+10	WSW	7	0	4	34	23	0.28		
Faro	29.85	34	SW	6	b	29.55	-36	30	30	+5	S	6	0	*	34	23	0.28		
Cuxhaven	30.03	21	NW	2	b	29.72	-29	21	21	-7	SW	4	6	*	30	20	0.10		
Sunbury Head	28.90	33	N	7	S	28.50	-96	33	33	-2	NW	7	5	6	38	26	0.10		
Stornoway	29.16	37	NW	9	S	29.43	-25	32	32	-3	NW	9	5	6	41	28	0.34		
Wick	29.06	35	NW	7	0	29.12	-53	31	31	-2	NW	9	5	8	37	28	0.26		
Nairn	29.19	36	SW	6	S	29.28	-50	32	31	-1	WNW	10	5	7	37	25	0.11		
Aberdeen	29.32	38	SW	8	S	29.21	-67	32	30	+10	WNW	7	6	4	36	21	0.05		
Leith	29.39	36	NW	6	N	29.36	-62	32	31	+3	NW	7	6	4	36	20	0.05		
Shields	29.78	35	SW	5	0	29.41	-66	31	30	+9	SW	3	6	3	37	19	0.04		
Spurn Head	29.96	31	SW	4	b	29.44	-60	34	32	+2	W	6	6	4	36	26	0.04		
York	29.95	29	SW	1	b	29.48	-67	30	30	+10	NW	1	6	*	34	19	0.11		
Loughborough	30.03	29	NW	3	0	29.54	-57	32	31	+7	NW	3	6	*	39	25	0.16		
Ardrossan	29.57	38	SW	9	N	29.51	-51	34	33	-1	NW	5	6	4	41	32	0.20		
Malin Head	29.55	40	SW	6	0	29.64	-28	36	34	+2	NW	6	5	4	42	26	0.10		
Mullaghmore	29.69	39	SW	6	0	29.76	-27	36	35	+3	NW	7	6	6	44	32	0.10		
Belmullet	29.74	45	W	5	0	29.85	-17	40	35	+1	NW	7	0	*	45	38	0.21		
Donaghadee	29.73	35	SW	7	8	29.62	-48	33	32	+9	NW	6	5	5	38	24	0.07		
Barrow-in-Furness	29.85	37	SSW	6	0	29.50	-60	35	32	+8	NW	5	6	5	41	26	0.17		
Liverpool (Bidston)	29.96	33	S	2	0	29.56	-56	34	32	+4	NW	6	5	5	41	29	0.15		
Holyhead	29.93	40	SW	6	0	29.63	-50	38	35	+7	NW	8	6	6	42	29	0.10		
Parsonstown	29.89	37	SW	2	0	29.83	-32	36	34	+14	WNW	2	0	*	40	21	0.06		
Valencia	29.93	44	SW	6	0	29.94	-22	44	42	+11	NW	5	6	5	47	32	0.07		
Roche's Point	29.98	42	NW	4	0	29.92	-33	42	40	+12	NW	5	6	4	48	30	0.02		
Pembroke	30.03	39	SW	4	b	29.73	-41	41	39	+8	NW	7	6	6	46	30	0.05		
Scilly	30.09	37	SSW	2	b	29.79	-31	44	43	+9	NW	7	6	6	47	35	0.02		
Prawle Point	30.11	28	N	3	b	29.71	-38	40	39	+12	NW	4	6	4	44	25	0.12		
Hurst Castle	30.09	30	NE	2	m	29.60	-43	41	39	+12	NW	7	6	4	43	26	0.07		
Dungeness	30.06	26	N	2	S	29.55	-46	38	38	+8	NW	6	6	4	38	14	0.02		
London	30.08	22	SW	1	0	29.56	-52	33	33	+5	NW	2	6	3	34	18	0.31		
Oxford	30.06	15	Z	0	S	29.58	-54	35	34	+17	NW	3	6	3	35	14	0.09		
Cambridge	30.06	27	N	1	b	29.53	-56	33	32	+8	NW	1	6	3	35	22	0.08		
Yarmouth	30.03	31	W	1	b	29.46	-57	31	30	-2	N	3	6	4	36	23	0.23		
The Helder	30.01	29	SSW	3	b	29.56	-45	25	23	-7	S	5	6	3	32	23	0.23		
Cape Gris Nez	30.04	33	ESE	1	b	29.72	-28	41	38	+4	WSW	8	6	6	41	32	0.23		
Jersey	30.09	35	NE	1	b	29.88	-11	44	42	+7	NW	7	6	5	45	37	0.23		
Brest	30.09	35	NE	1	b	29.88	-11	44	42	+7	NW	7	6	5	45	37	0.23		
Lorient	30.06	39	N	7	b	29.93	+01	44	39	+7	W	8	6	5	45	37	0.23		
Rochefort	30.00	35	NE	5	0	30.41	+26	31	30	-10	S	3	6	2	48	23	0.48		
Biarritz	29.85	46	SW	4	N	30.07	+26	37	35	-9	E	3	6	3	48	34	0.48		
Corunna	*	*	*	*	*	30.25	+25	37	37	-5	ESE	1	6	4	48	37	0.48		
Brussels	*	*	*	*	*	29.72	-29	24	23	+4	SW	3	6	3	25	19	0.48		
Charleville	29.97	27	NW	4	b	29.83	-01	18	2	-10	NW	4	6	3	2	16	0.48		
Paris	30.04	34	W	4	b	29.90	-05	27	25	-6	N	4	6	3	2	16	0.48		
Lyons	29.87	37	N	3	N	29.96	+17	32	32	-8	E	1	6	3	43	31	0.20		
Toulon	29.81	43	E	4	N	29.82	-03	43	41	+2	W	1	6	3	48	41	0.51		

## 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).  
§ Received too late for insertion in Charts.



# WEATHER CHARTS

for 8 a.m. on Friday, 8<sup>th</sup> January, 1886.

## 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.

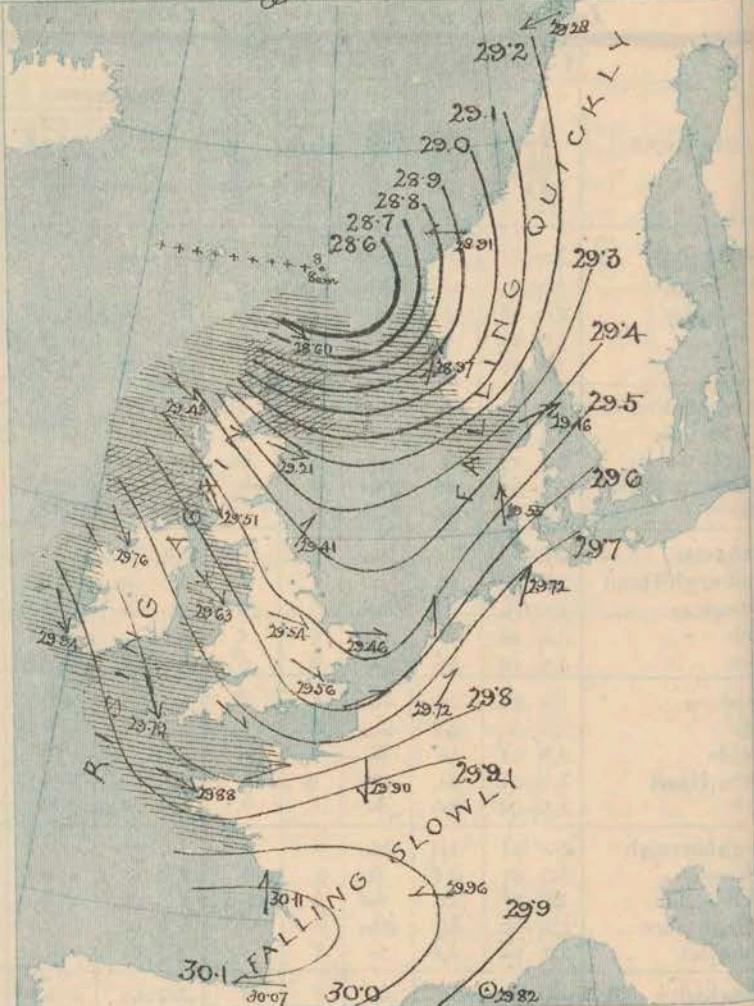
**Sea Disturbance** — where considerable is shown thus

— Rough — High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS	
	in.	
Sumburgh Head	29	661
Stornoway	29	657
Wick	29	097
Nairn	29	729
Aberdeen	29	763
Leith	29	819
Shields	29	867
York	29	916
Ardrossan	29	817
Donaghadee	29	828
Holyhead	29	875
Liverpool	29	906
Valencia	29	852
Rocha's Point	29	888
Pembroke	29	918
Scilly	29	053
Harst Castle	29	975
Dover	30	002
LONDON	29	987
Oxford	29	974
Cambridge	29	075
Yarmouth	29	964



## 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.

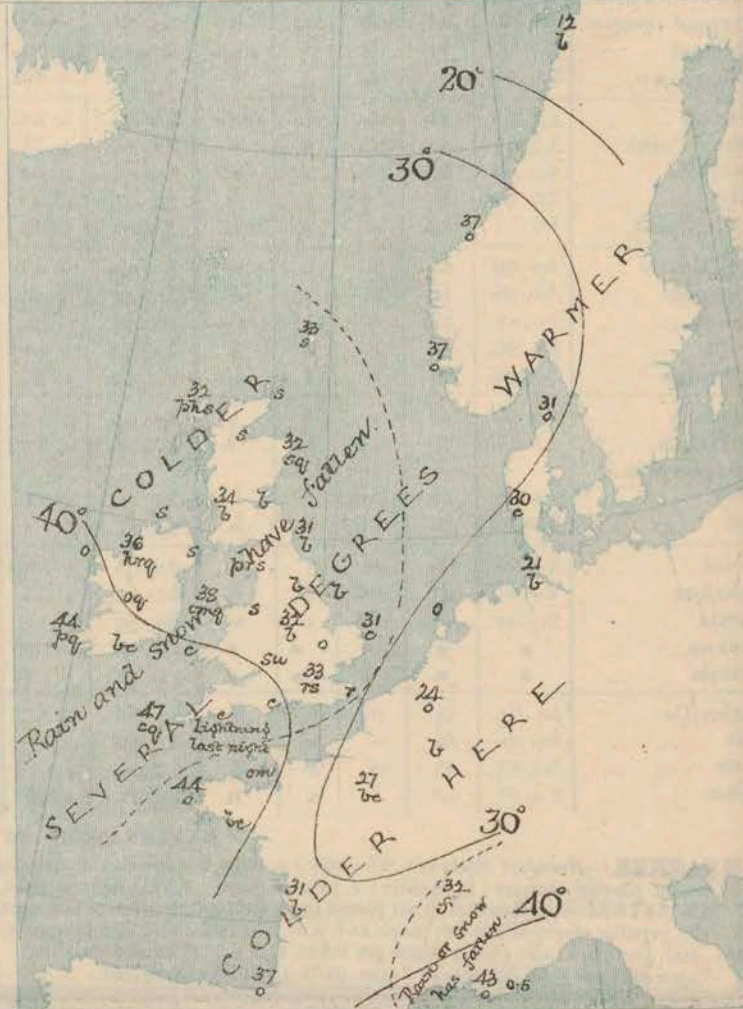
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	AT 8 A.M.		
			Dry.	Wet.	
Sumburgh Head	43.0	35.4	39.2	38.3	3.06
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.6	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.8	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.85
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.8	2.23
Valencia	49.8	40.7	41.1	43.3	6.79
Rocha's Point	47.8	39.9	43.1	42.0	5.53
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.88
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.5	38.4	2.93
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 20 years 1866-85.





# REMARKS.

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

1886 at 8 a.m.

The depression which was approaching Scotland yesterday morning proves to have been large and deep. Its centre is now passing away towards the Norwegian coast, and the barometer is now falling quickly on the eastern shores of the North Sea, while it is rising in most parts of the United Kingdom. The wind after blowing a fresh to strong gale from the SW<sup>th</sup> in the north last night, has veered to the NW<sup>th</sup> on all our coasts; in the north of Scotland it is blowing a strong to whole gale, and moderate or fresh gales are reported in the NW and N. generally. On the eastern shores of the North Sea strong winds or gales from S. or SW prevail. The weather is fair in the east of England and also over France and our south west coasts but cloudy or overcast elsewhere, with snow at our northern and northwestern stations as well as at Oxford and in London. In the course of the past twenty four hours rain or sleet has fallen generally. Temperature has fallen several degrees in France and the Netherlands, and slightly in the north of Scotland, but risen quickly elsewhere; readings over our Islands now range from 47° at Lillie to 30° at York. Hard frost occurred over England during the early part of last night, the lowest readings being 14° at Dungeness and Oxford, 18° in London and 19° at Shields and York. In London the thermometer rose to 30° about midday yesterday, and fell to 18° during the evening; in the course of the night, however, a rapid rise took place and the maximum for the past 24 hours (31°) was registered at about 7 a.m. today. The sea is very high at Wick, high at Harvi and Malin Head, and rough on all our eastern and northern coasts.

As the depression in the north passes away the weather over our Islands will probably become colder again, but at present it is not certain whether this change will continue long.

## FORECASTS

for the 24 hours ending at NOON on 9<sup>th</sup> January. 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	NW <sup>th</sup> gales, moderating later; squally, snow showers.	6 SCOTLAND WEST	NW <sup>th</sup> strong winds or gales; squally, snow showers.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	-----D°-----D°-----D°-----
3 ENGLAND N.E.	W <sup>th</sup> to NW <sup>th</sup> winds, strong; changeable, some snow showers.	8 ENGLAND S.W.	NW <sup>th</sup> winds, strong; fair generally, but perhaps some showers.
4 ENGLAND EAST	Same as No 5	9 IRELAND NORTH	Same as No 6
5 MIDLAND COUNTIES	Same as No 5	10 IRELAND SOUTH	Same as No 8.
6 ENGLAND SOUTH	W <sup>th</sup> and NW <sup>th</sup> winds, fresh; fair generally, but some snow showers. Cold at night.	WARNINGS	The south cone was hoisted yesterday in districts 0-1-6-7-9 and part of 2,



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

	Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		Bar.	Dry.	Wet.	Wind.	Wca.	Sea.		
Skudesnaes	29.58	39	39	W	8	0	6	Holyhead	30.04	38	38	W	3	6	3
Sumburgh Head	29.15	39	34	W	6	0	5	Valencia	30.02	44	41	SSW	5	0	5
Stornoway	29.29	41	40	SSW	6	2	0	Scilly	30.10	41	35	ESE	2	6	4
Aberdeen	29.59	31	29	SSW	6	0	3	Dungeness	30.08	31	30	N	3	6	2
Shields	29.92	33	32	W	2	6	5	London	30.09	30	30	N	1	0	8
Ardrossan	29.80	38	36	SSW	8	0	7	Yarmouth	30.05	36	34	WNW	2	6	4
Malin Head	29.67	39	36	W	6	0	5	Jersey	30.06	35	34	E	4	6	4
Mullaghmore	29.82	39	35	SSW	6	0	6	Rochefort	29.94	39	39	NE	7	0	2
Belmullet	29.82	44	41	W	4	0	p *								

## REMARKS.

The barometer is now falling at all but our southern stations - rapidly in the Shetlands and Hebrides - and a deep depression appears to be advancing towards the north of Scotland. The wind is increasing from the SE<sup>th</sup> in the extreme west and north, and at Stornoway it blows a fresh gale, with rain. The weather is fine over the greater part of England, but fog and gloom prevail in London. The sea is rough in the extreme west and north, and rather so at



# DAILY WEATHER REPORT

for Saturday 9<sup>th</sup> January 1883.

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

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. 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.			D.			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.	Sea. (0 to 9).	Max.	Min.	Amount of Rainfall.	
Haparanda .....																		
Hernösand .....																		
Stockholm .....																		
Wisby .....																		
Bodö .....																		
Christiansund .....																		
† Skudesnaes .....	29.08	34	S	8	S	29.63	+ .71	31	27	- 6	ENE	4	0	5	37	?	-	-
Oxö (Xtiansund) .....	29.79	29	ESE	8	0	29.63	+ .39	26	25	- 10	NNE	6	0	4	36	25	-	-
Skagen (The Skaw) .....	29.41	27	ESE	6	C	29.54	+ .08	27	26	- 4	ESE	3	0	2	?	27	-	-
Fanö .....	29.28	24	S	8	0	29.37	- .18	27	27	- 4	ESE	6	0	0	?	23	-	-
Cuxhaven .....	29.45	25	S	4	S	29.31	- .41	35	35	+ 14	S	1	0	0	35	?	-	-
† Sumburgh Head .....	29.17	33	N	8	S	29.72	+ .12	35	33	+ 2	N	4	0	5	38	29	0.04	-
† Stornoway .....	29.71	32	NW	8	cyp	30.01	+ .58	33	33	+ 1	N	3	0	3	37	27	0.05	-
Wick .....	29.43	29	NW	9	S	29.91	+ .79	31	30	0	NW	3	0	4	31	29	0.70	-
Nairn .....	29.60	30	NW	5	bc	29.95	+ .67	32	31	0	NW	5	0	4	32	24	-	-
† Aberdeen .....	29.44	29	NW	7	S	29.83	+ .62	34	31	+ 2	NW	6	0	4	34	28	0.22	-
Leith .....	29.61	33	NW	3	C	29.90	+ .54	32	32	0	NW	3	0	0	36	30	-	-
† Shields .....	29.52	32	W	3	b	29.80	+ .89	32	31	+ 1	NW	5	0	5	35	28	-	-
Spurn Head .....	29.51	34	NW	5	b	29.62	+ .18	34	33	0	NW	7	0	5	35	31	0.01	-
York .....	29.57	31	W	2	b	29.77	+ .29	30	30	0	NW	4	0	0	35	26	-	-
Loughborough .....	29.63	34	NW	2	b	29.83	+ .29	30	28	- 2	NW	3	0	0	36	27	-	-
† Ardrossan .....	29.69	34	NW	5	b	29.97	+ .46	32	32	- 2	N	3	0	2	36	32	0.01	-
Malin Head .....	29.82	36	N	7	n	30.10	+ .46	36	34	0	NW	4	0	5	42	32	0.01	-
† Mullaghmore .....	29.89	39	NW	7	cyp	30.10	+ .34	39	37	+ 3	NW	5	0	4	39	36	0.06	-
Belmullet .....	29.97	38	NW	6	0	30.16	+ .31	39	36	- 1	N	4	0	0	40	36	0.04	-
Donaghadee .....	29.78	35	NW	7	bc	29.99	+ .37	37	34	+ 4	N	7	0	5	38	32	0.12	-
Barrow-in-Furness .....	29.65	33	NW	4	b	29.88	+ .38	32	29	- 3	N	4	0	0	37	31	0.01	-
Liverpool (Bidston) .....	29.69	35	NW	6	C	29.90	+ .34	34	32	0	NW	5	0	4	39	33	0.03	-
† Holyhead .....	29.73	38	NW	7	bcy	29.96	+ .33	38	34	0	N	6	0	5	39	31	0.02	-
Parsonstown .....	29.93	36	NW	2	0	30.14	+ .81	35	33	- 1	N	1	0	0	38	34	-	-
Valencia .....	30.00	45	NW	5	0	30.18	+ .24	44	40	0	N	3	0	3	46	40	-	-
Roche's Point .....	29.94	42	NNE	5	bc	30.09	+ .27	40	38	- 2	N	4	0	4	45	37	-	-
Pembroke .....	29.83	39	NW	6	bc	29.98	+ .25	37	34	- 4	NW	5	0	4	46	36	-	-
† Scilly .....	29.88	45	N	7	0	30.02	+ .23	43	38	- 4	N	7	0	6	47	38	-	-
Prawle Point .....	29.84	35	NW	3	C	29.96	+ .25	33	33	- 7	NW	3	0	3	42	32	-	-
Hurst Castle .....	29.72	34	NW	5	b	29.85	+ .25	31	30	- 6	NW	3	0	3	43	29	-	-
† Dungeness .....	29.62	32	NW	3	b	29.74	+ .19	25	25	- 13	NW	3	0	2	38	24	-	-
London .....	29.65	31	NW	1	b	29.78	+ .22	28	26	- 5	W	2	0	0	36	24	-	-
Oxford .....	29.79	32	NW	4	b	29.87	+ .29	26	26	- 9	NW	3	0	0	35	24	-	-
Cambridge .....	29.63	29	NW	1	b	29.71	+ .18	30	29	- 3	NW	3	0	0	34	23	-	-
† Yarmouth .....	29.51	29	NW	4	bc	29.56	+ .10	30	29	- 1	NW	6	0	6	35	26	0.04	-
The Helder .....	29.39	34	NW	3	S	29.32	- .23	38	36	+ 13	NW	7	0	4	39	25	0.20	-
Cape Gris Nez .....																		
† Jersey .....	29.79	38	NW	5	C	29.90	+ .18	34	33	- 7	N	3	0	3	44	34	0.18	-
Brest .....	29.90	44	N	5	N	29.96	+ .08	41	38	- 3	N	7	0	5	46	39	0.08	-
Lorient .....																		
† Rochefort .....	29.87	42	N	8	0	29.95	+ .02	39	37	- 5	NW	7	0	4	48	36	0.08	-
† Biarritz .....	29.88	50	SSW	7	0	29.97	- .14	43	39	+ 12	NW	8	0	3	?	28	0.20	-
Corunna .....	29.98	46	WSW	7	bc	29.95	- .12	47	44	+ 10	N	5	0	3	?	?	-	-
Brussels .....	*	*	*	*	*													
Charleville .....						29.81	- .11	31	31	+ 7	NW	4	0	0	32	28	0.13	-
Paris .....	29.43	28	SE	4	0	29.52	- .31	21	?	+ 3	W	3	0	0	36	18	0.24	-
Lyons .....	29.68	33	SW	4	S	29.79	- .11	30	28	+ 3	SW	4	0	0	*	*	-	-
Toulon .....	29.88	30	ESE	1	C	29.82	- .14	28	27	- 4	NW	3	0	0	33	26	0.04	-
	29.82	41	NW	7	C	29.72	- .10	30	24	- 13	NW	9	0	0	46	27	-	-

## 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).

† Received too late for insertion in Chart.



Printed by D. B. Dyer, Ltd. London



for 8 a.m. on Saturday 9<sup>th</sup> January

1886.

(Explanation of Map)

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

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

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.

for the month of January

NOTE - The Temperature means are for the 10 years 1871-80; the Rainfall means are mainly those for the 20 years 1866-85.



for Saturday 9<sup>th</sup> January.

at 8 a.m.

The depression over the North Sea will probably continue to move S<sup>nd</sup>. At present there is no sign of any new disturbances, but conditions remain very unsettled.

The Chief Signal Officer at Washington U.S. <sup>reports</sup> that on the 6<sup>th</sup> Inst: a fresh gale from SE. varying to NW. was experienced in Lat 42. N Long 64° W. the barometer at 2pm falling to a minimum of 29.4 ins:

For the 24 hours ending at NOON on January 10<sup>th</sup> 1886

DISTRICTS.

## DISTRICTS.

(1) { SCOTLAND  
NORTH

6 { SCOTLAND  
WEST

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.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	25.96	37	35	S	9	cghs	8	Holyhead	29.68	39	35	NW	8	bcqj	6
Sumburgh Head	28.94	35	35	N	8	S	6	Valencia	29.97	45	42	NW	5	bcq, m	5
Stornoway	29.60	32	32	NNW	9	cqh	6	Scilly	29.84	45	40	N	7	cqj	6
Aberdeen	29.34	32	31	NW	7	sqj	4	Dungeness	29.56	36	34	SW	3	c	4
Shields	29.46	35	33	W	3	bm	3	London	29.59	36	34	NW	4	b	*
Ardrossan	29.59	35	33	NNW	6	b	5	Yarmouth	29.46	32	30	WNW	3	be	4
Malin Head	27.76	34	34	NNW	6	S	7	Jersey	29.75	39	36	NNW	6	c	5
Mullaghmore	29.82	38	36	NW	7	cghr	6	Rockefort	29.98	44	40	WSW	7	o	2
Belmullet	29.91	40	36	NNW	5	o	*								

## REMARKS.

The barometer continues to rise in our islands, but is falling at Rockefort. N<sup>W</sup> or N winds prevail generally; at most of our southern stations they are moderate or fresh in force and the weather fine, but in Scotland gales and snow are still reported. The sea is rough on most parts of our western and northern coasts.

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



# DAILY WEATHER REPORT

for Sunday—10<sup>th</sup> January 1883.

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

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. 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	30.26	28	Z	0	bc	30.12		14	14		NE	2	0	*	13	29	—	
Hernösand	30.10	10	NE	2	s	30.12		10	10		NE	2	0	*	16	9	—	
Stockholm	29.87	24	NNE	2	0	29.90		21	21		NNW	2	0	*	30	21	—	
Wisby	29.73	24	E	4	0	29.73		36	?		ENE	4	0	*	?	23	—	
Bodö	29.77	15	ENE	6	0	29.70		23	21		E	4	0	*	23	8	—	
Christiansund	29.87	22	SW	3	bc	29.84		34	32		SW	2	0	4	34	28	—	
Skudesnaes	29.93	31	E	4	0	29.99	+ .06	32	29	+ 1	ESE	4	0	4	?	30	—	
Oslo (Christiansund)	29.41	28	N	6	0	30.04	+ .44	23	21	— 3	N	4	0	2	28	23	—	
Skagen (The Skaw)	29.88	29	NE	3	bc	29.97	+ .43	29	28	+ 2	NE	2	0	1	30	27	—	
Fanö	29.83	22	NNE	4	b	29.97	+ .60	27	26	0	N	2	0	*	27	21	—	
Cuxhaven	29.66	30	NE	6	s	29.87	+ .36	29	28	— 6	NE	3	0	*	?	26	—	
Sumburgh Head	29.90	34	NNW	4	bc	29.85	+ .13	34	32	— 1	SW	1	0	1	36	31	0.01	
Stornoway	30.06	32	W	2	0	29.77	— .24	38	38	+ 5	S	5	0	5	38	29	0.28	
Wick	30.01	32	N	1	0	29.83	— .08	33	32	+ 2	S	2	0	1	33	27	0.03	
Nairn	30.06	32	W	1	bc	29.88	— .07	32	31	0	W	1	0	*	34	28	0.01	
Aberdeen	30.00	33	NW	4	bcp	29.94	+ .06	31	28	— 3	SW	2	0	2	35	24	—	
Leith	30.06	34	NW	2	b	29.94	+ .04	29	29	— 3	NW	1	0	*	38	25	—	
Shields	30.02	34	NW	2	m	30.01	+ .21	27	27	— 5	SW	1	0	4	35	26	—	
Spurn Head	29.94	37	NW	4	c	30.02	+ .40	31	31	— 2	NNW	4	0	4	39	30	0.18	
York	30.02	34	N	3	0	30.05	+ .28	25	25	— 5	NW	1	0	*	35	31	—	
Loughborough	30.02	33	NNW	2	0	30.07	+ .24	28	27	— 2	SE	1	0	*	36	28	—	
Ardrossan	30.07	35	Z	0	0	29.94	— .03	35	35	+ 3	SSE	3	0	2	37	28	0.05	
Malin Head	30.13	40	W	2	or	29.95	— .15	46	46	+ 7	W	4	0	3	46	37	0.16	
Mullaghmore	30.12	40	S	4	om	29.98	— .18	48	47	+ 9	W	5	0	*	48	37	0.22	
Belmullet	30.11	35	NNW	1	s	29.95	— .04	35	35	— 2	SW	1	0	0	38	32	0.04	
Donaghadee	30.05	34	N	3	bc	30.01	+ .13	29	29	— 3	NE	2	0	*	36	29	0.02	
Barrow-in-Furness	30.09	35	NNW	1	0	30.03	+ .13	32	31	— 2	SSE	1	0	2	36	31	0.01	
Liverpool (Bidston)	30.11	39	N	4	0	30.01	+ .05	38	38	0	SSW	3	0	3	39	31	0.10	
Holyhead	30.19	37	Z	0	0	30.01	— .13	45	44	+ 10	Z	0	0	*	45	34	0.10	
Parsonstown	30.20	44	Z	0	om	30.11	— .07	48	47	+ 4	NNW	3	0	3	50	41	0.12	
Valencia	30.07	40	NW	4	0	30.03	— .06	47	45	+ 7	NW	4	0	4	47	38	0.20	
Roche's Point	30.13	39	N	3	bc	30.06	+ .08	46	39	+ 3	S	2	0	1	40	36	0.04	
Pembroke	30.13	43	N	6	0	30.07	+ .05	44	43	+ 1	SW	1	0	3	44	40	0.05	
Scilly	30.10	33	E	3	b	30.11	+ .15	34	34	+ 1	NNE	1	0	2	42	32	—	
Prawle Point	30.01	34	NNE	5	b	30.08	+ .23	30	30	— 1	NNW	2	0	2	41	28	—	
Harst Castle	29.88	23	N	4	b	30.05	+ .31	29	29	+ 4	N	3	0	2	36	24	—	
Dungeness	29.98	34	NNE	4	b	30.08	+ .30	32	30	+ 4	Z	0	0	*	36	27	—	
London	30.06	32	NE	2	0	30.10	+ .23	28	28	+ 2	NNW	1	0	0	34	26	—	
Oxford	29.98	32	NW	2	b	30.07	+ .36	27	26	— 3	NW	1	0	*	34	26	0.01	
Cambridge	29.87	36	NNE	5	cq	30.01	+ .25	32	31	+ 2	NNW	2	0	6	37	28	0.04	
Yarmouth	29.80	35	NNE	5	bc	29.98	+ .66	34	32	— 4	NNE	1	0	2	41	34	0.08	
The Helder	30.02	38	NNE	5	bcn	30.10	+ .20	38	36	+ 4	NE	2	0	2	38	34	0.07	
Cape Gris Nez	30.10	40	N	5	0	30.12	+ .16	42	40	+ 1	N	3	0	3	46	37	0.04	
Jersey	30.08	40	N	8	b	30.12	+ .17	41	39	+ 2	NNW	5	0	3	45	34	—	
Brest	30.06	38	N	7	bc	30.15	+ .18	38	35	— 5	N	5	0	1	46	32	—	
Lorient	29.99	39	NE	4	r	30.11	+ .16	38	36	— 9	NE	4	0	3	50	34	0.20	
Rochefort	*	*	*	*	*	30.08	+ .10	50	47	+ 6	NNE	5	0	4	54	43	0.04	
Biarritz	*	*	*	*	*	30.00	+ .39	29	—	— 2	NNW	1	0	*	36	?	0.24	
Corunna	29.65	33	NE	7	0	29.92	+ .40	24	23	+ 3	NNE	4	0	*	?	?	0.08	
Brussels	29.83	34	S	4	s	30.05	+ .26	34	33	+ 4	NNW	1	0	*	*	*	—	
Charleville	29.82	28	NW	4	0	29.88	+ .06	27	26	— 1	NNW	7	0	*	32	24	0.08	
Paris	29.56	33	NW	8	bc	29.54	— .18	36	28	0	N	4	0	6	37	28	—	
Lyons																		
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.

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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 George and John, London.



# WEATHER CHARTS

for 8 a.m. on Sunday 10<sup>th</sup> January 1886.

## 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.

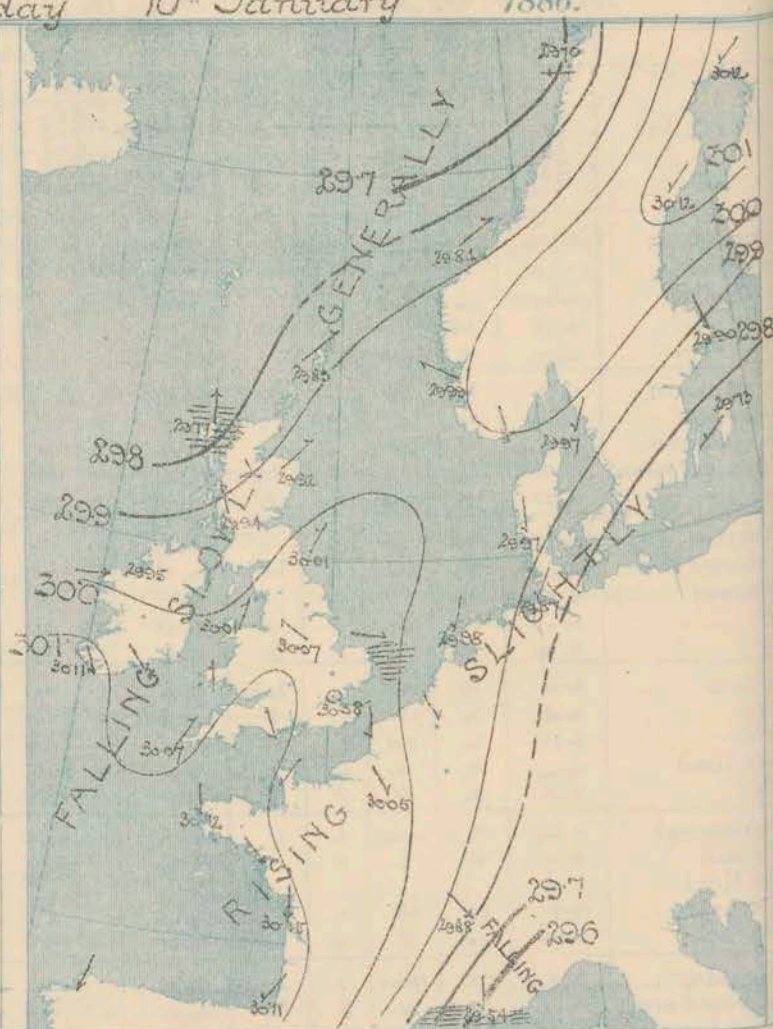
**Sea Disturbance** — where considerable, is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Seilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.976
Yarmouth	29.964



## 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.

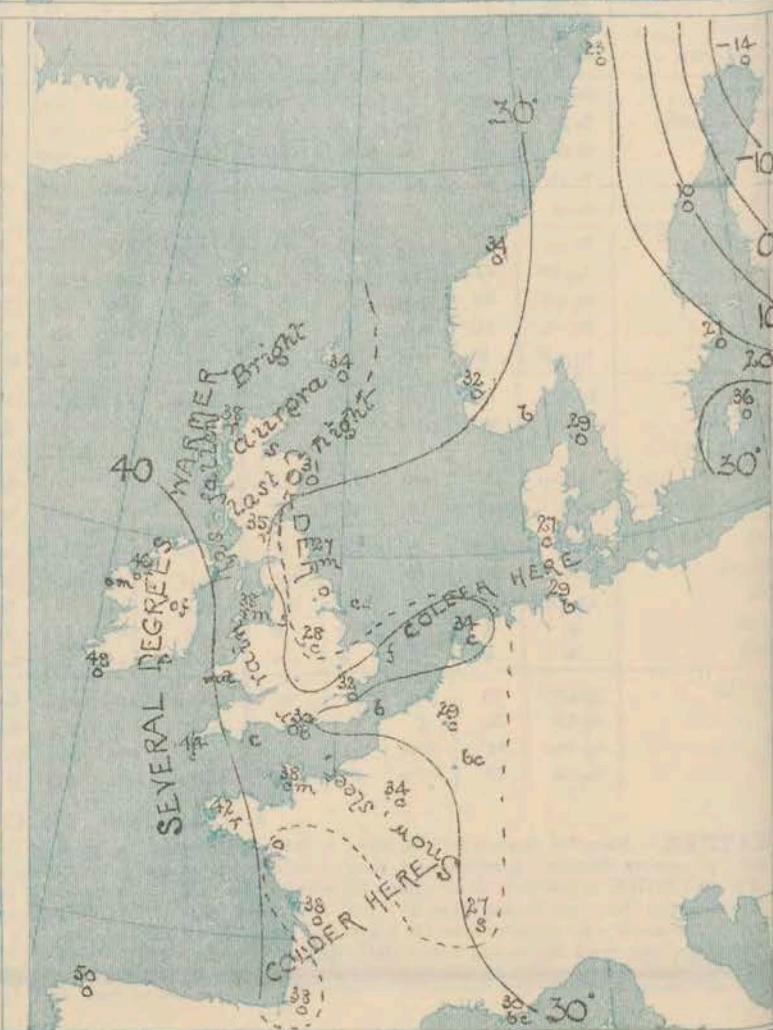
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	43.0	35.4	39.2	38.3	3.06
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	38.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	39.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.70
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Seilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	48.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871 — 80, the Rainfall means are mainly those for the 20 years 1866 — 85





# REMARKS.

for Sunday 10<sup>th</sup> January.

1886 at 8 a.m.

The distribution of pressure this morning is somewhat complex. The depression which lay over the southern part of the North Sea yesterday has passed away over Europe, and the barometer has risen as quickly at the northern Continental stations that in addition to the high pressure area over the Bay of Biscay a second area of high readings has been formed over Scandinavia. In the meantime a decided fall of the barometer has taken place on our western and northern coasts, and a depression has appeared off the northwest of Scotland. Light or moderate N<sup>W</sup> winds are reported at our south-eastern and most of the Continental stations, but on our western and northern coasts the wind is chiefly S<sup>W</sup> or SW<sup>W</sup>. The weather is cloudy or overcast in most parts of Western Europe, with rain at several of our north-western stations, and snow in the north of England as well as at Cairn. In the course of the past 24 hours rain or sleet has fallen at many of our western and northern stations. Temperature has risen several degrees in the west and north-west, but fallen slightly elsewhere; readings now range from 48° at Helmsdale and Valencia to 25° at York. Sharp frost again occurred over Great Britain last night. The sea is rough at Yarmouth, rather rough at Harwich, moderate to smooth elsewhere.

## FORECASTS

for the 24 hours ending at NOON on 11<sup>th</sup> January. 1886.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND  
NORTH

2 SCOTLAND  
EAST

3 ENGLAND  
N.E.

4 ENGLAND  
EAST

5 MIDLAND  
COUNTIES

6 ENGLAND  
SOUTH

6 SCOTLAND  
WEST

7 ENGLAND  
N.W.

8 ENGLAND  
S.W.

9 IRELAND  
NORTH

10 IRELAND  
SOUTH

### WARNINGS

The signals were hoisted last evening in districts 0, 6, 7, 9 and 10.

None issued

None issued.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.84	30	26	E	4	0	4	Holyhead	30.06	39	35	N	4	b	4
Sumburgh Head	29.85	32	32	N	4	s	5	Valencia	30.22	47	44	N	2	0	2
Stornoway	30.06	34	33	NNW	3	s	3	Scilly	30.10	42	38	N	6	0	6
Aberdeen	29.96	33	31	NW	4	0	3	Dungeness	29.75	35	35	NNW	5	e	4
Shields	29.95	35	33	NNW	3	c	5	London	29.86	36	33	N	6	og	*
Ardrossan	30.05	36	34	NW	3	c	2	Yarmouth	29.74	37	35	N	6	og	6
Malin Head								Jersey	29.96	37	33	N	5	be	5
Mullaghmore	30.14	41	38	NNW	2	0	2	Rocheport	30.00	40	36	NNW	7	b	2
Belmullet	30.17	41	39	?NNW	3	or	*								

## REMARKS.

The depression noticed over Holland this morning is passing south-eastwards to Germany. The barometer still rises all our coasts - especially in the east and north-east - while strong N. winds prevail on our south-east coasts the wind in the west and north-west has lulled and is inclined to back again. The sea is rough on the exposed parts of our coasts, moderate slight elsewhere.



# DAILY WEATHER REPORT

for ——— Monday — 11<sup>th</sup> January 1883.

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

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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	29.92	4	S	2	0	29.84	-28	14	14	+28	E	2	0	*	?	-31	0.04	
Hernösand	29.95	4	W	0	6	29.86	-26	7	7	-3	W	0	0	*	10	3	-	
Stockholm	29.90	23	NW	2	0	29.88	-02	21	20	0	NW	2	0	*	27	18	-	
Wisby	29.88	27	NE	4	0	29.86	+13	24	25	-7	NNE	4	0	*	?	23	0.04	
Bodö	29.65	28	E	4	0	29.46	-24	34	32	+11	SE	2	0	1	?	19	-	
Christiansund	29.67	37	WSW	3	0	29.48	-36	40	35	+6	S	4	0	4	?	28	-	
†Skudesnaes	29.88	34	SE	7	0	29.75	-24	37	34	+5	SSE	8	0	5	?	32	-	
Oxö (Christiansund)	29.99	21	NW	4	6c	29.86	-18	27	25	+4	NW	2	0	3	?	19	-	
Skagen (The Skaw)	29.99	27	NE	1	0	29.92	-05	27	26	-2	WSW	2	0	0	30	23	-	
Fanö	30.01	25	S	1	6c	29.93	-04	24	23	-3	SSE	2	6	*	28	23	-	
Cuxhaven	30.01	31	NNE	2	0	29.98	+11	29	29	0	S	1	0	*	31	28	-	
†Sunburgh Head	29.71	37	SW	2	0	29.56	-29	40	39	+6	NW	4	0	3	41	33	0.13	
†Stornoway	29.64	30	N	2	0	29.88	+11	37	34	-1	NW	6	0	4	41	35	0.08	
Wick	29.67	33	W	0	0	29.77	-06	36	35	+3	NW	4	0	2	38	30	0.20	
Nairn	29.69	33	W	0	0	29.80	-08	37	35	+5	NW	3	0	1	39	28	0.15	
†Aberdeen	29.74	31	SSW	3	0	29.72	-20	38	36	+4	NW	6	18	3	38	29	0.17	
Leith	29.72	36	NW	1	m	29.77	-17	40	38	+11	NW	1	0	*	40	28	0.40	
†Shields	29.82	33	S	3	S	29.70	-31	35	35	+8	W	0	OTS	4	35	27	0.40	
Spurn Head	29.92	32	SSE	3	S	29.68	-34	34	34	+2	S	5	nm	3	34	30	0.20	
York	29.94	32	E	1	S	29.70	-35	34	34	+9	N	1	0	*	34	24	0.45	
Loughborough	29.92	32	SSE	2	S	29.71	-36	37	37	+9	SW	1	1	*	37	27	0.16	
†Ardrossan	29.61	36	SSE	2	N	29.84	-10	40	39	+5	NW	3	6	3	41	33	0.54	
Malin Head	29.73	47	WSW	4	L	30.01	+06	45	42	-1	N	6	0	5	47	44	0.34	
†Mullaghmore	29.75	49	W	4	om	30.11	+13	44	41	-4	N	6	6c	6	49	43	0.29	
Belmullet	29.72	42	SW	1	N	29.87	-08	44	42	+9	N	8	6c	6	45	35	0.25	
Donaghadee	29.82	34	SE	2	N	29.75	-26	37	37	+8	N	4	6c	*	38	29	0.54	
Barrow-in-Furness	29.83	34	SSE	2	0	29.75	-28	39	38	+7	NW	5	0	3	44	32	0.23	
Liverpool (Bidston)	29.83	44	SSW	3	N	29.81	-20	45	43	+7	NW	6	6	5	47	34	0.47	
Holyhead	29.84	47	SW	1	N	30.05	+04	41	40	-4	NW	1	0	*	48	40	0.10	
Parsonstown	29.90	48	SSW	3	6c	30.12	+01	47	44	-1	N	6	0	6	51	46	0.14	
Valencia	29.84	46	WSW	3	N	29.98	-05	45	42	-2	N	6	6	4	49	43	0.15	
Roche's Point	29.88	46	NW	2	c	29.82	-24	44	44	+4	N	5	6c	3	47	40	0.14	
†Pembroke	29.93	48	NW	4	0	29.84	-23	48	48	+4	N	4	0	4	50	43	0.07	
Scilly	29.95	43	SSW	2	m	29.79	-32	43	43	+9	NW	2	0	2	45	34	0.07	
Prawle Point	29.97	37	E	2	om	29.75	-33	41	40	+11	W	3	1	2	43	29	0.13	
Hurst Castle	30.00	34	W	0	c	29.82	-23	37	37	+8	SSW	4	1	3	39	28	0.42	
†Dungeness	29.99	34	SW	2	OS	29.76	-82	37	36	+5	SSW	1	0	*	37	32	0.18	
London	29.92	33	SE	2	0	29.75	-35	36	36	+8	SSE	1	0	2	36	28	0.08	
Oxford	29.98	32	NW	1	S	29.75	-32	35	35	+8	S	1	1	*	35	25	0.26	
Cambridge	29.98	32	NW	1	S	29.75	-32	35	35	+8	S	1	1	*	35	25	0.26	
Yarmouth	29.98	32	W	1	cf	29.79	-22	34	34	+2	SW	5	OTS	5	34	31	0.12	
The Helder	30.01	31	SSE	1	c	29.91	-07	27	26	-7	SSE	1	0	1	36	27	-	
Cape Gris Nez	30.00	40	WSW	2	0	29.77	-33	44	44	+6	NW	1	om	1	45	37	0.15	
†Jersey	29.97	45	S	3	m	29.82	-30	47	46	+5	NW	4	1	4	?	39	0.16	
Brest	30.04	42	SW	1	m	29.86	-26	46	44	+5	NW	1	0	2	?	37	0.12	
Lorient	30.13	41	N	1	0	29.95	-20	39	37	+1	SSE	5	0	2	45	34	-	
†Rochefort	30.10	39	SSE	1	m	29.95	-16	39	36	+1	S	1	0	1	43	36	0.04	
Biarritz	*	*	*	*	*	29.95	-05	21	?	-8	S	1	6	*	32	18	-	
Coruna	*	*	*	*	*	29.95	-05	21	?	-8	S	1	6	*	32	18	-	
Brussels	*	*	*	*	*	29.95	-05	21	?	-8	S	1	6	*	32	18	-	
Charleville	29.94	28	E	4	6c	29.97	+05	22	?	-2	NW	4	0	*	36	18	-	
Paris	30.02	33	NW	3	6	29.98	-07	23	21	-11	NW	3	6c	*	*	*	-	
Lyons	29.98	26	N	5	0	29.96	+08	22	20	-5	?	5	6	*	28	22	-	
Toulon	29.97	34	N	4	6	29.61	+07	35	28	+5	NW	3	6c	4	37	30	-	

## 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, 11<sup>th</sup> January, 1886.

## 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—

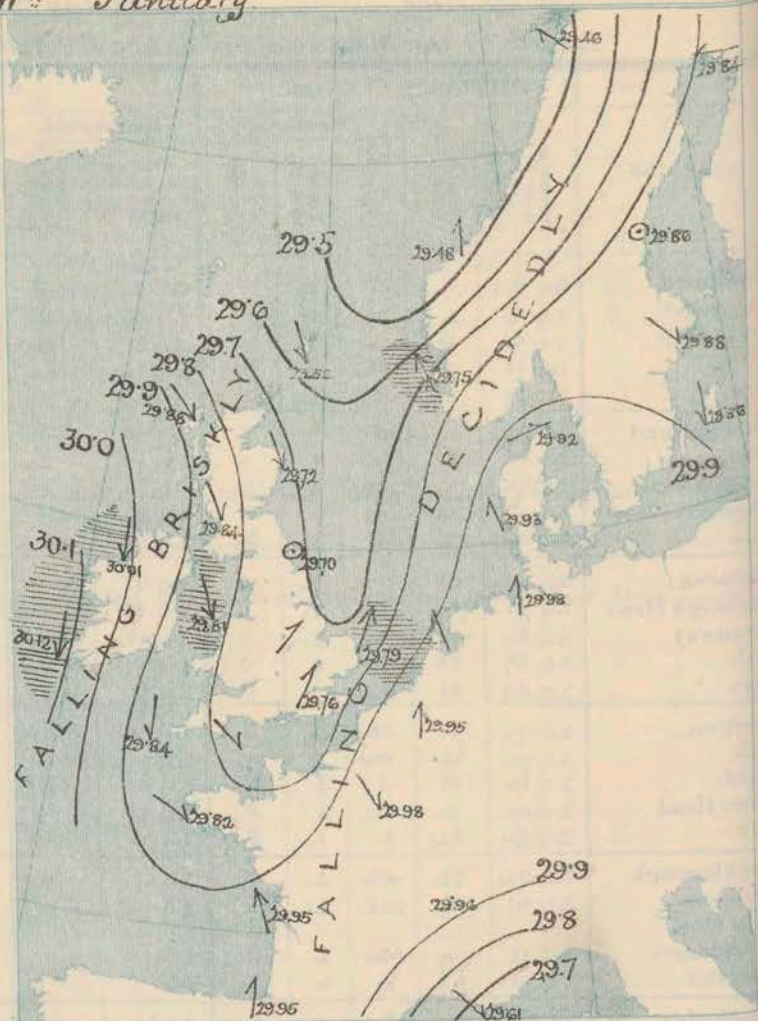
→ = forces above 10; →→ = forces 8 to 10;  
 →→ = forces 5 to 7; → = forces 1 to 4;  
 ○ = dead calm.

**Sea Disturbance**—where considerable, is shown thus:  
 [Hatched] = Rough; [Cross-hatched] = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.838
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Rocha's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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.

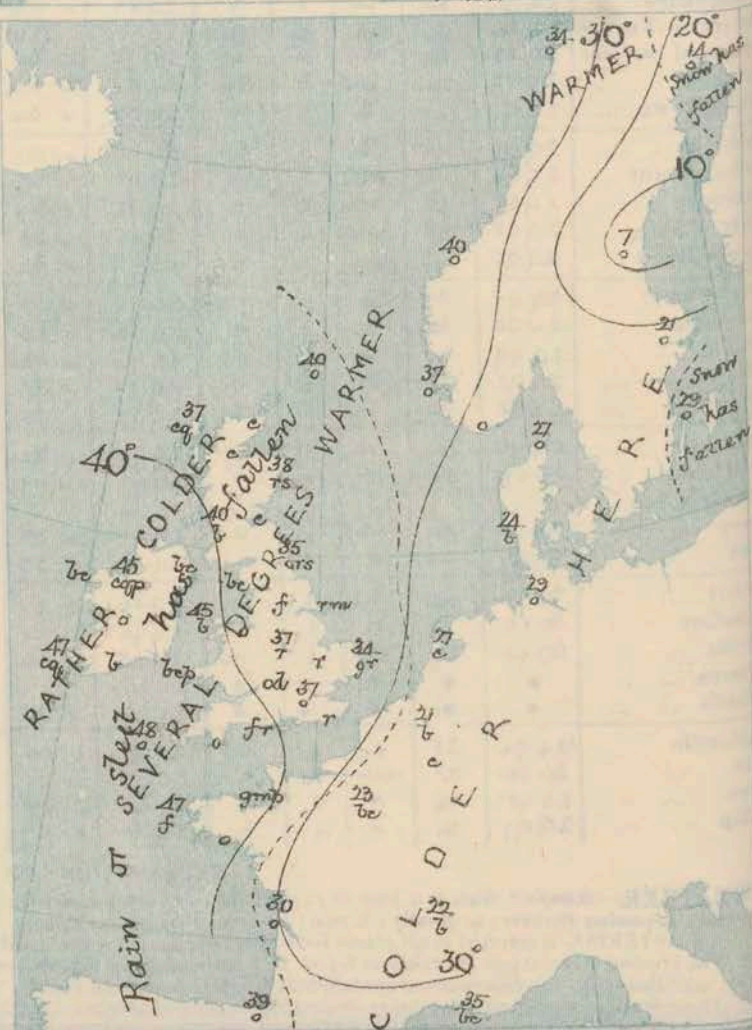
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	AL 8 a.m.	Wet	
			Dry.		
Sumburgh Head	43.0	35.4	39.2	38.3	3.86
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	38.4	37.9	36.5	1.97
Nairn	42.4	35.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.8	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.8	41.7	40.3	3.40
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.8	6.79
Rocha's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.32
Scilly	49.3	43.6	46.5	45.0	3.33
Hurst Castle	46.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.08
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.0	34.6	37.0	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Monday 11<sup>th</sup> January.

1886 at 8 a.m.

The depressions noticed in the west yesterday have moved eastwards, and are now lying over England and the North Sea. The barometer has consequently fallen at our eastern and most of the Continental stations, but over Ireland and Scotland a brisk rise has set in, and an area of high pressure has appeared off our extreme western coasts. Light or moderate S<sup>ly</sup> breezes are reported in the East and South East of England, as well as in Norway and Denmark, but on our western and northern coasts the wind has returned to NW. or N. and is strong in force. The weather is fine at most of our western and northern stations, but cloudy, or overcast elsewhere, with rain over the eastern and southern parts of England, and sleet at Aberdeen. In the course of the past 24 hours rain and sleet have fallen generally. Temperature has risen several degrees over Great Britain, but fallen a little in Ireland; readings now range from 48° at Scilly to 34° at Linn H<sup>d</sup>, York and Yarmouth. Slight frost occurred over Great Britain during the early part of last night. The sea is rough or rather so on our western coasts, as well as at Yarmouth, moderate to smooth elsewhere.

The rise of the barometer and the N<sup>ly</sup> winds will probably spread eastwards, and a return of cold weather is therefore not unlikely.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that a storm from SE. shifting to W. was experienced on the 9<sup>th</sup> Inst. in Lat 40° N. Long 72° W. the barometer at Noon falling to a minimum of 28.9 ins.

# FORECASTS

for the 24 hours ending at NOON on 12<sup>th</sup> January 1886.

(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, fresh or strong; squally, some cold showers.	6 SCOTLAND WEST	N <sup>ly</sup> Winds, moderate or fresh; fair generally.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	NW <sup>ly</sup> to N <sup>ly</sup> Winds, increasing in force; fair generally.
3 ENGLAND N.E.	Same as No 5.	8 ENGLAND S.W.	N <sup>ly</sup> Winds, strong and squally; fair generally, but cold showers locally.
4 ENGLAND EAST	Same as No 5.	9 IRELAND NORTH	-----D°-----D°-----D°-----
5 MIDLAND COUNTIES	Same as No 5.	10 IRELAND SOUTH	-----D°-----D°-----D°-----
6 ENGLAND SOUTH	SW <sup>ly</sup> to NW <sup>ly</sup> or N <sup>ly</sup> Winds, moderate; some rain at first then fair. Cold again at night.	WARNINGS	The signals are still flying in districts 0. 6. 7. 9. and 10.



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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.
Skudesnaes	29.94	33	29	SE	6	0	4	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort	30.14	43	39	NNE	5 be 2
Belmullet							*						

## REMARKS.

### SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD.

FROM THE 3<sup>RD</sup> TO THE 9<sup>TH</sup> JANUARY 1886.

In the course of this week the dominant systems of pressure distribution over the United Kingdom have been also cyclonic and anticyclonic, while the type has varied from southeasterly to northwesterly or northerly. In the southern and western districts the gradients have been moderate, but in the north they have occasionally been very steep. The weather has consequently varied greatly; at times (the 4<sup>th</sup>) it has been mild and the wind S.W., but at other times very cold (hard frost being experienced generally) and foggy. On the 6<sup>th</sup> a large amount of snow fell, especially over the southeastern and south midland counties.

Three depressions of importance appeared during the week.

The first was large and somewhat deep. It advanced towards the Farø Isles early on the 3<sup>rd</sup> and after travelling eastwards for about 36 hours, and causing S.W. winds and mild weather over the United Kingdom, changed its motion suddenly to the eastwards and passed away across the south of Norway to the Baltic. A small subsidiary disturbance appeared off the east of Scotland on the 5<sup>th</sup>, but after moving southwards down our northeastern coasts, and causing strong N.E. to N. winds in those regions dispersed, not far from Flamborough Head, during the night.

The second was a much smaller system, it approached the west of Ireland late on the 5<sup>th</sup>, and reaching north Devon on the 6<sup>th</sup>, drew the wind into N.E. over the northern part of Ireland and England and produced the heavy fall of snow (preceded by rain) which experienced over our southeastern and south midland counties during the earlier half of the 6<sup>th</sup>. It then moved southwards, and on reaching Channel broke into two parts, one of which moved eastwards to Belgium on the evening of the 6<sup>th</sup> and dispersed, while the other branch moved southwards and disappeared over the Bay of Biscay.

The third was large and deep. It advanced to a position off our northern coasts early on the 7<sup>th</sup>, causing a temporary burst of S.W. gales, milder weather and sleet showers. At 8 am on Friday (8<sup>th</sup>) its centre lay about 100 miles to the northward of the Shetlands, after which it moved southwards and southwards, till it passed away across the Netherlands, to Germany, on the 9<sup>th</sup>. Its N. gales were very severe in the north, and the N. winds experienced in other parts of the country were very cold. The frost over inland stations, aggravated by strong nocturnal radiation of heat from the earth at night, became very hard at times, and there were further falls of snow and sleet in many places.

At the close of the week this disturbance was passing away, but there were indications that a new system was approaching our northwestern coasts from the west.



# DAILY WEATHER REPORT

for Tuesday 12<sup>th</sup> January 1886.

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

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. SCOTT, Secretary.																		
STATIONS.	† YESTERDAY EVENING.						8 A.M. TO DAY.								PAST 24 HOURS.			
	Barometer at 5 p.m. 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	29.95	3	SE	2	0	29.74	-1.0	0	0	-4	SE	2	0	*	14	?	-	
Hernösand	29.77	13	Z	0	0	29.64	-1.22	16	16	+9	Z	0	0	*	16	2	-	
Stockholm	29.88	21	SW	2	0	29.83	-0.5	22	21	+1	W	2	0	*	27	16	-	
Wisby	29.91	24	N	4	C	29.88	+0.2	25	25	-4	ESE	4	0	*	30	23	-	
Bodö	29.42	31	EHE	4	0	29.33	-1.3	24	23	-10	E	4	0	2	34	21	-	
Christiansund	29.58	33	SW	3	6	29.52	+0.4	36	33	-4	WSW	8	5	5	?	28	-	
†Skudesnaes	29.66	30	NW	9	8	29.76	+0.1	32	31	-5	Z	0	0	5	37	?	-	
(Xtiansund).	29.70	34	SSW	6	8	29.78	-0.8	33	32	+6	SW	4	0	3	34	?	-	
Skagen (The Skaw)	29.79	30	SW	3	C	29.84	-0.8	26	25	-1	WSW	2	0	0	30	25	-	
Fanö	29.76	26	SSE	6	8	29.85	-0.8	25	24	+1	SSE	4	0	*	30	23	0.04	
Cuxhaven	29.93	27	S	1	0	29.84	-1.4	25	25	-4	SSE	2	m	*	?	23	-	
†Sumburgh Head	29.89	27	N	5	C	29.67	+1.1	33	33	-7	S	5	8	5	40	25	0.02	
†Stornoway	30.15	35	NW	4	C	29.75	-1.3	44	44	+7	WSW	4	N	3	44	32	0.21	
Wick	30.04	33	N	4	bc	29.66	-1.1	37	36	+1	SW	2	0	1	37	28	0.05	
Nairn	30.10	35	NW	3	6	29.87	+0.7	36	34	-1	SW	1	C	1	38	30	0.01	
†Aberdeen	30.00	38	NW	5	Sp	29.92	+1.20	33	31	-5	WSW	2	osp	2	38	30	0.05	
Leith	30.07	35	NW	2	bc	29.96	+1.9	37	35	-3	WSW	1	cm	*	42	31	-	
†Shields	30.02	36	N	5	bc	30.07	+3.7	31	31	-4	WSW	2	0	4	39	30	-	
Spurn Head	29.92	38	NW	6	N	30.06	+8.8	34	33	0	WNW	6	og	5	40	32	0.10	
York	29.98	37	N	2	C	30.12	+4.2	29	29	-5	NW	1	6	*	40	28	-	
Loughborough	30.01	36	NW	3	bc	30.15	+4.4	31	28	-6	NW	2	0	*	40	36	0.10	
†Ardrossan	30.11	39	NW	4	6	29.99	+1.5	42	42	+2	SW	4	0	3	42	34	-	
Malin Head	30.22	41	N	3	bc	30.00		44	44		W	4	fd	4	46	41	0.07	
†Mullaghmore	30.29	43	N	5	p	30.14	+1.3	44	43	-1	W	4	0	3	45	41	0.01	
Belmullet	30.35	43	N	4	C	30.18	+0.7	47	45	+3	W	6	0	8	47	41	0.01	
Donaghadee	30.20	41	NW	7	bc	30.11	+1.24	40	39	-4	NW	2	C	0	45	36	-	
Barrow-in-Furness	30.08	36	NW	3	6	30.14	+3.9	34	33	-3	NW	1	C	*	41	33	-	
Liverpool (Bidston)	30.09	37	NW	4	6	30.15	+4.0	35	33	-4	WSW	1	0	2	41	34	-	
†Holyhead	30.13	42	N	6	bg	30.18	+3.7	41	40	-4	NW	4	om	3	45	36	-	
Parsonstown	30.30	38	Z	0	6	30.24	+1.9	37	36	-4	Z	0	6	*	43	30	-	
Valencia	30.36	45	N	4	C	30.33	+2.1	47	46	0	WNW	2	0	3	48	42	-	
Roche's Point	30.24	42	N	5	6	30.30	+3.2	41	39	-4	WSW	3	0	4	47	38	-	
Pembroke	30.13	42	N	5	6	30.24	+4.2	41	39	-3	NW	3	bc	2	46	40	-	
Seilly	30.08	46	NNE	8	0	30.30	+4.6	45	42	-3	N	5	C	5	48	42	0.04	
Prawle Point	30.02	40	N	4	C	30.26	+4.7	38	31	-10	NW	1	bc	3	46	30	-	
Hurst Castle	29.93	40	NNE	6	C	30.19	+4.4	32	32	-9	NW	2	6	2	45	36	0.03	
†Dungeness	29.83	36	N	4	N	30.08	+1.26	32	32	-5	N	3	6	2	39	31	0.23	
London	29.94	38	N	4	0	30.13	+3.7	31	28	-6	NW	2	6	*	39	30	0.13	
Oxford	30.06	35	NW	4	6	30.17	+4.2	29	29	-7	NW	3	6	*	39	29	0.09	
Cambridge	29.96	36	W	2	0	30.10	+3.5	29	28	-6	N	1	6	*	37	28	0.19	
Yarmouth	29.81	34	NW	4	on	30.02	+2.3	34	33	0	NW	3	cmg	5	37	31	0.25	
The Helder	29.78	30	SSW	7	N	29.86	-0.5	37	34	+10	NW	5	C	3	39	27	0.04	
†Cape Gris Nez	29.89	43	NNE	6	ogm	30.20	+4.3	38	35	-6	N	5	bcm	4	48	37	0.12	
Brest	29.99	46	NNE	5	0	30.28	+4.6	38	35	-9	N	2	C	3	48	36	0.12	
Lorient	29.89	45	NNE	8	0	30.25	+3.9	39	36	-7	N	5	6	3	48	34	0.16	
†Rochefort	29.90	38	EHE	3	0	30.15	+2.0	39	37	0	NNE	5	0	2	41	32	0.12	
Biarritz	29.81	50	S	4	N	30.04	+0.9	41	39	+2	NNE	4	0	2	50	39	0.08	
Coranna	*	*	*	*	*	29.94	-0.1	31	30	+10	NW	1	C	*	35	?	0.12	
Brussels	*	*	*	*	*	29.94	-0.1	31	30	+10	NW	1	C	*	35	?	0.12	
Charleville	29.95	18	NW	3	6	29.90	-0.7	27	?	+5	NNE	7	6	*	?	?	?	
Paris	29.91	28	SSW	3	0	30.10	+1.2	33	31	+10	NW	4	6	*	*	*	-	
Lyons	29.93	19	W	1	C	30.02	+0.6	3	13	?	SE	2	8	*	28	14	-	
Toulon	29.63	36	E	3	bc	29.69	+0.8	33	29	-2	NNE	3	6	3	45	32	-	

## 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).  
 § The observations at Wick were apparently taken late.

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



# WEATHER CHARTS

for 8 a.m. on *Tuesday, 12<sup>th</sup> January, 1886.*

## BAROMETER, WIND & SEA.

(Explanation of Map)

**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous evening are stated in words. Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force thus —

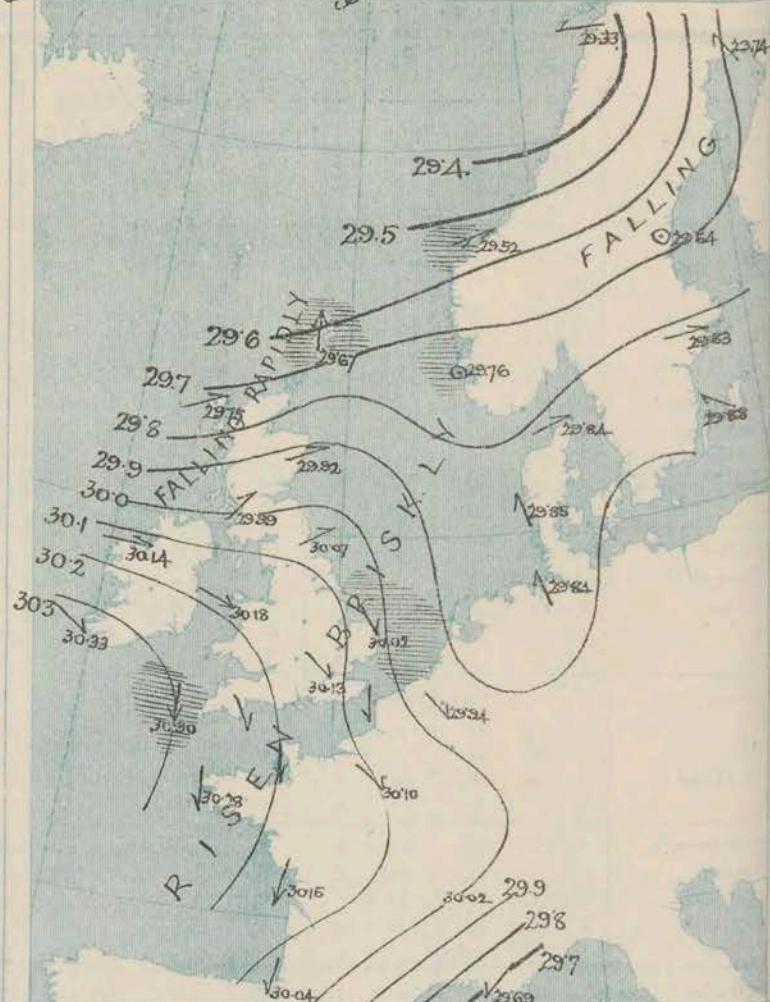
→ = forces above 10; →→ = forces 8 to 10;  
→→ = forces 5 to 7; → = forces 1 to 4;  
○ = dead calm.

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

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.928
Holyhead	29.876
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.963
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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 January.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	45.0	35.4	39.2	38.2	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	38.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.98
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 20 years 1866-85





for Tuesday 12<sup>th</sup> January

The depressions which lay over England and the North Sea yesterday have moved away in an easterly direction, and the barometer has risen decidedly at our eastern, southern, and the French stations. In the course of the night, however, a rapid fall of the mercury has set in on our extreme north and north-west coasts, and a new depression is apparently advancing towards Scotland from the Atlantic. Moderate SE<sup>7</sup> or S<sup>7</sup> breezes prevail on the eastern shores of the North Sea, and moderate NW<sup>2</sup> breezes over England, but in Ireland the wind has backed to W., and in Scotland to SW. Fresh N<sup>4</sup> gales were experienced yesterday at one or two of our eastern stations. The weather is fine in the south of England and also in the north and east of France, but cloudy elsewhere, with snow at Christiansund and Lumburgh Head, and rain at Lonsøya and Malin Head. Rain or sleet fell yesterday at many of our eastern and southern stations, and snow showers in the north. Temperature has fallen in most places, and readings now range from 47° at Belmullet and Valencia to 29° at York, Oxford and Cambridge. Frost occurred last night in most parts of the Kingdom. The sea is rather rough off the east of England, as well as at Lumburgh Head and Scilly, moderate to smooth elsewhere.

ATLANTIC TELEGRAM.

(1) On the 9<sup>th</sup> Inst. in Lat 40° N. Long 72° W the barometer at 6 am fell to 28.7 ins. during a "hurricane" in which the wind shifted from NE to W.

(2) On the same date in Lat 41° N. Long 64° W the barometer at 11 pm fell to 28.5 ins. (?) during a "fresh gale" in which the wind veered from SE to SW.

The first of these reports is almost identical in character with that given in the DWR for yesterday. If the observations relate to the same depression the disturbance must have been advancing E. with extraordinary rapidity.

for the 24 hours ending at NOON on 13<sup>th</sup> January 1886.

DISTRICTS.

### DISTRICTS.

## FORECASTS.

Fredk. Bangsfield, 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	29.63	36	35	SSW	8	rs	Holyhead	30.02	42	38	N	8	bcq/m	6
Sumburgh Head	29.80	30	28	N	5	bcsp	Valencia	30.24	46	43	NNE	4	bcq	5
Stornoway	30.07	36	35	WNW	4	cph	Scilly	29.98	47	45	NNE	8	o	6
Aberdeen	29.90	34	33	WNW	6	bcsp	Dungeness	29.78	39	39	SW	4	n	2.
Shields	29.89	39	36	N	5	b	London	29.81	37	37	WNW	4	ON	*
Ardrossan	30.03	41	37	NW	4	b	Yarmouth	29.75	34	34	SW	2	onsg	5
Malin Head	30.16	42	38	N	5	bc	Jersey	29.78	46	45	WNW	4	n	3
Mullaghmore	30.20	44	40	WNW	6	c	Rocheport	29.89	39	37	S	5	n	2
Belmullet	30.28	44	39	N	5	c								

## REMARKS.

The barometer is now rising in most parts of our Islands and the <sup>N</sup> winds on our western and northern coasts have increased somewhat in force. In the extreme southeast of England, however, the barometer is still falling a little and the wind remains <sup>N</sup>W. Rain is falling in the southeast and snow or hail showers in the north. The sea is rough or rather so in the west, as well as at Sumburgh Head.

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

STAT
Haparau
Hernösa
Stockho
Wisby
Bodö
Christia
Skudea
Oxö (xt)
Skagen
Fanö
Cuxhave
Sumbur
Stornow
Wick
Nairn
Aberdee
Leith
Shields
Spurn H
York
Loughbo
Ardross
Malin H
Mullagh
Belmull
Donagha
Barrow
Liverpo
Holyhea
Parsons
Valencia
Roche's
Pembrol
Scilly
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Dungen
London
Oxford
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# DAILY WEATHER REPORT

for Wednesday 13<sup>th</sup> January 1886.

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

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. 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.				
			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	29.46	23	SE	2	0	29.36	-.38	20	20	+ 20	SE	2	0	*	?	-4	0.08	
Hernösand	29.47	6	Z	0	0	29.23	-.41	28	27	+ 12	S	8	5	*	?	5	0.04	
Stockholm	29.66	21	SW	2	0	29.44	-.39	23	22	+ 1	S	2	0	*	27	19	-	
Wisby	29.70	26	N	4	0	29.60	-.28	28	28	+ 3	WSW	4	0	*	28	18	-	
Bodö	29.24	28	E	4	5	28.95	-.38	24	21	0	ENE	6	6	3	28	?	-	
Christiansund	29.08	32	SE	4	5	28.82	-.70	37	36	+ 1	SW	3	6	5	37	28	0.43	
Skudesnaes	29.30	41	SSW	8	r	28.97	-.79	42	40	+ 10	SSW	8	r	5	42	32	0.63	
(Oxö (Stiansund).	29.52	31	WSW	2	0	29.10	-.68	40	39	+ 7	SSW	6	r	4	?	28	0.43	
Skagen (The Shaw)	29.65	29	SW	4	0	29.27	-.57	34	34	+ 8	SW	6	0	2	34	25	-	
Fanö	29.67	30	SSW	2	c	29.32	-.53	33	33	+ 8	S	6	m	*	34	25	-	
Cuxhaven	29.88	23	SSE	1	m	29.54	-.30	28	28	+ 3	SSW	4	f	*	?	23	-	
†Sumburgh Head	29.32	44	WNW	4	0	28.92	-.75	37	36	+ 4	NW	4	c	4	45	33	0.46	
†Stornoway	29.60	43	W	5	c	29.15	-.60	36	35	- 8	WNW	6	chq	4	46	35	0.21	
Wick	29.50	34	SW	2	0	29.04	-.62	38	37	+ 1	W	5	bc	4	40	32	0.22	
Nairn	29.60	45	SW	2	0	29.14	-.73	35	33	- 1	SW	1	bc	1	46	34	0.27	
Aberdeen...	29.61	41	WSW	1	0	29.09	-.83	37	35	+ 4	NW	4	bc	1	43	31	0.06	
Leith	29.70	42	W	2	0	29.16	-.80	39	37	+ 2	W	1	bm	*	46	36	0.20	
†Shields	29.71	42	W	5	bc	29.09	-.98	43	41	+ 12	W	3	0	3	46	31	0.21	
Spurn Head	29.81	35	SW	4	0	29.16	-.90	42	42	+ 8	SW	5	og	4	42	31	0.13	
York	29.83	36	WSW	1	m	29.15	-.97	45	43	+ 16	W	2	0	*	45	29	0.22	
Loughborough	29.90	37	WSW	3	0	29.26	-.89	45	44	+ 14	SW	4	ogp	*	45	30	0.22	
†Ardrossan	29.76	47	W	5	op	29.25	-.74	40	39	- 2	NNW	3	c	3	48	38	0.25	
Malin Head	29.85	47	W	4	fa	29.34	-.66	37	37	- 7	NW	8	qhp	7	48	35	0.70	
†Mullaghmore	29.93	47	WSW	4	d	29.32	-.62	43	40	- 1	NW	7	cpq	6	47	42	0.50	
Belmullet	29.96	49	W	6	om	29.64	-.34	42	38	- 5	NNW	9	c	*	49	39	0.33	
Donaghadee	29.84	48	NNW	2	c	29.36	-.75	38	37	- 2	N	8	r	6	48	37	0.59	
Barrow-in-Furness	29.82	43	SW	3	r	29.22	-.92	40	40	+ 6	NNW	4	c	*	45	34	0.53	
Liverpool (Bidston)	29.86	43	WSW	6	r	29.27	-.88	41	39	+ 6	NNW	8	c	5	47	35	0.38	
Holyhead	29.91	46	SW	4	rm	29.25	-.83	43	41	+ 2	NNW	9	bcgm	6	49	36	0.63	
Parsonstown	30.01	48	W	1	r	29.63	-.61	39	37	+ 2	NW	2	og	*	50	36	0.09	
Valencia	30.13	50	NNW	4	o	29.79	-.54	46	41	- 1	NW	6	bcmg	6	52	45	0.11	
Roche's Point	30.05	48	NNW	4	bc	29.67	-.63	43	42	+ 2	NW	8	bcrg	5	53	41	0.09	
Pembroke	30.00	43	W	5	r	29.44	-.80	44	44	+ 3	NNW	7	rg	6	49	40	0.12	
Scilly	30.11	49	W	5	0	29.62	-.58	51	51	+ 6	NNW	7	og	6	51	44	0.07	
Prawle Point	30.07	44	W	3	0	29.55	-.71	48	48	+ 15	WSW	5	r	5	48	32	0.50	
Hurst Castle	30.03	41	WSW	4	r	29.43	-.76	45	45	+ 13	WSW	5	om	3	45	32	0.43	
Dungeness	30.03	34	NNW	3	c	29.47	-.61	43	43	+ 11	WSW	4	r	3	43	30	0.11	
London	29.98	35	W	4	rs	29.36	-.77	43	43	+ 12	SW	2	0	*	43	30	0.15	
Oxford	29.93	37	W	1	r	29.35	-.82	45	44	+ 16	WSW	4	oug	*	45	29	0.41	
Cambridge	29.92	35	S	2	r	29.28	-.82	40	40	+ 11	SW	2	r	*	40	28	0.15	
Yarmouth	29.91	32	WSW	3	c	29.27	-.75	37	37	+ 3	SW	4	org	4	37	31	0.17	
The Helder	29.86	36	W	1	0	29.38	-.48	37	37	0	SSW	5	f	3	35	26	0.04	
Cape Gris Nez	30.11	42	NNW	3	ogm	29.61	-.59	47	47	+ 9	WSW	5	rm	4	48	38	0.32	
Jersey	30.18	46	NNW	4	0	29.86	-.42	49	48	+ 11	N	?	0	5	?	37	-	
Brest	30.24	45	NNW	4	0	29.84	-.41	50	50	+ 11	NW	7	0	5	?	39	0.04	
Lorient	30.23	40	NNE	7	c	? 29.95	-.20	46	46	+ 7	? W	7	f	2	?	36	0.12	
†Rochefort	30.21	41	W	4	0	30.10	+ .06	42	?	+ 1	S	4	0	2	46	36	-	
Barritz	*	*	*	*	*	29.60	-.34	33	32	+ 2	SSW	5	0	*	37	31	0.08	
Corunna	*	*	*	*	*	29.79	-.11	30	?	+ 3	NNE	4	c	*	?	?	?	
Brussels	29.98	28	N	3	0	29.71	-.39	35	34	+ 2	S	4	0	*	?	?	0.24	
Charleville	30.08	34	NW	4	bc	30.02	-.00	20	20	?	W	1	c	*	28	20	0.04	
Paris	30.02	25	N	3	5	29.73	+ .04	30	27	0	NN	5	bc	6	39	28	-	
Lyons	29.54	35	NW	8	m													
Toulon																		

# WEATHER BULLETIN      EXPLANATION OF COLUMNS

WEATHER.—Roanfort 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.

† 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).

Fred<sup>r</sup> Bangsfield Ark. Tenn.



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY 13<sup>th</sup> January, 1886.

## 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 —

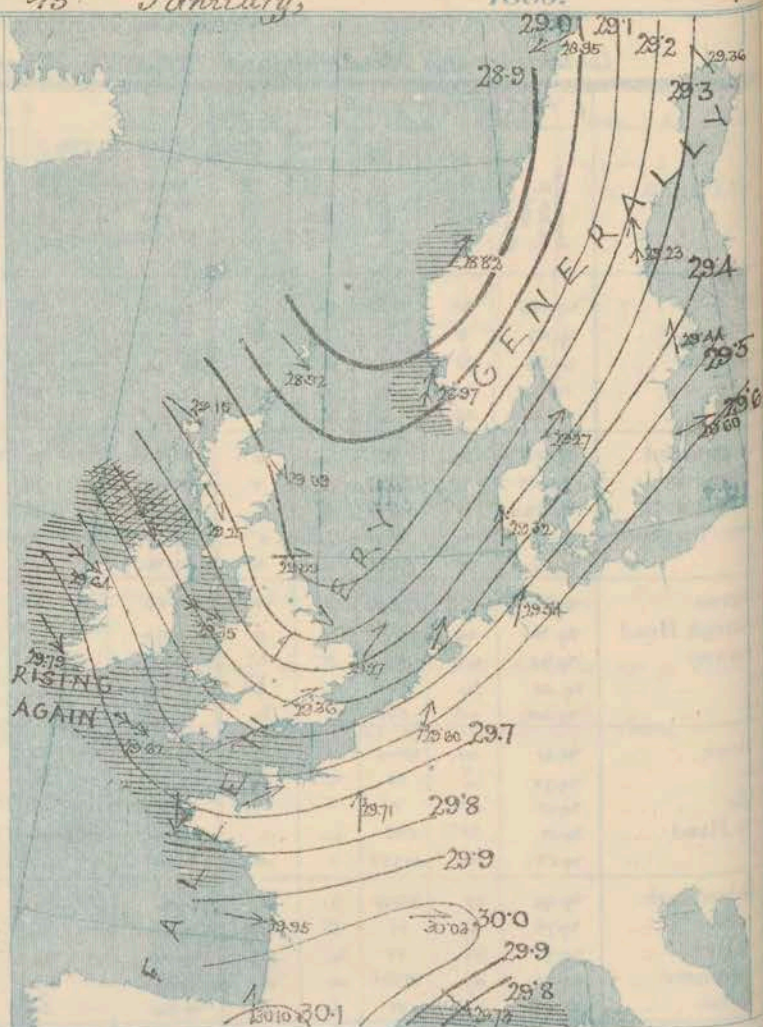
→ = forces above 10; →→ = forces 8 to 10;  
 →→ = forces 5 to 7; →→ = forces 1 to 4;  
 ⊙ = dead calm.

**Sea Disturbance** — where considerable, is shown thus  
 [Symbol] = Rough, [Symbol] = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
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Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.984



## 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.

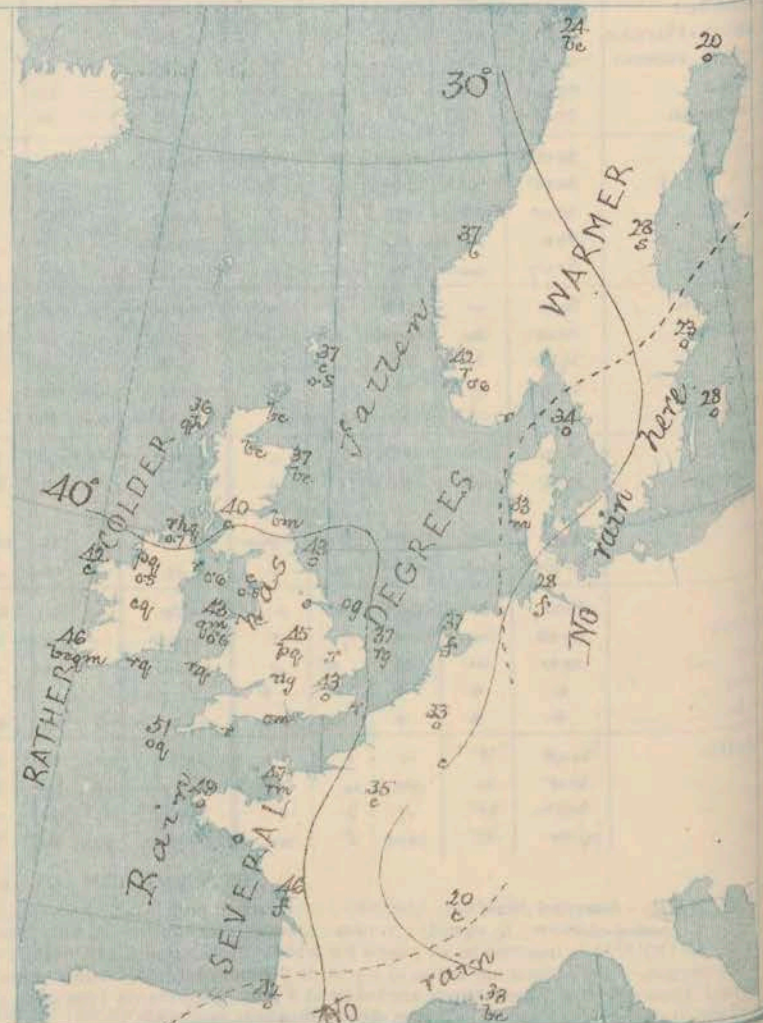
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max	Daily Min.	A.T. 8 a.m.	At 5 p.m.	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
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Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Wednesday 13<sup>th</sup> January 1886 at 8 a.m.

In the course of the past twentyfour hours a large depression has appeared off the west of Norway, while some subsidiary disturbances have passed across our Islands to the North Sea and a brisk fall of the barometer has taken place generally. At Valencia, however, a recovery of pressure has set in since 6 pm. The wind is S<sup>ly</sup> over Norway, Denmark and the Netherlands, and SW<sup>ly</sup> over our eastern, midland and southeastern counties but on our west coasts it blows a moderate to fresh gale from NW. The weather is fair over the greater part of Scotland, but cloudy or overcast elsewhere, with rain on our southern and southeastern coasts and passing showers in the west. In the course of the past twentyfour hours rain has fallen generally, the largest amounts being 0.7 in at Malin Head and 0.6 in at Donaghadee and Holyhead. Temperature has fallen a little on our extreme west and northwest coasts, but risen generally over England; readings now range from 51° at Scilly to 35° at Cairn. The sea is high at Malin Head and rough on our west coasts generally, but moderate to smooth elsewhere.

The recovery of pressure which has commenced at Valencia will probably extend eastwards and cold NW<sup>ly</sup> winds are likely to set in over most parts of the Kingdom.

At the summit of Ben Nevis the barometer at 8 am stood at 24.67 ins (uncorrected) with a moderate NNE<sup>ly</sup> breeze, a temperature of 20° and snow.

## FORECASTS

for the 24 hours ending at NOON on 14<sup>th</sup> January 1886.  
(Issued at 11 a.m. on the previous day)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND  
NORTH

NW<sup>ly</sup> winds, strong, perhaps a gale;  
squally, cold showers.

2 SCOTLAND  
EAST

W<sup>ly</sup> to NW<sup>ly</sup> winds, increasing in force;  
squally, cold showers.

3 ENGLAND  
N.E.

-----D°-----D°-----

4 ENGLAND  
EAST

SW<sup>ly</sup> to NW<sup>ly</sup> winds, strong; squally;  
some rain.

5 MIDLAND  
COUNTIES

-----D°-----D°-----

6 ENGLAND  
SOUTH

W<sup>ly</sup> to NW<sup>ly</sup> strong winds and gales, rainy  
to fair. Turning colder again.

6 SCOTLAND  
WEST

NW<sup>ly</sup> winds, increasing to a gale;  
squally, showery.

7 ENGLAND  
N.W.

NW<sup>ly</sup> strong winds or gales; squally,  
some cold showers.

8 ENGLAND  
S.W.

-----D°-----D°-----

9 IRELAND  
NORTH

NW<sup>ly</sup> and N<sup>ly</sup> strong winds or gales,  
squally; showery.

10 IRELAND  
SOUTH

NW<sup>ly</sup> and N<sup>ly</sup> winds, strong to moderate,  
changeable, some showers.

### WARNINGS

The S cone has been hoisted this morning in district 5 and part of 8. The N cone is still flying in districts 0, 6 and 9.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.64	27	33	SSW	4	0	Holyhead	30.02	42	42	SW	4	rm	3
Sumburgh Head	29.39	44	43	WNW	4	ca	Valencia	30.21	49	49	W	4	om	4
Stornoway	29.66	46	46	WNW	6	ca	Scilly	30.22	47	44	WNW	5	0	4
Aberdeen	29.65	36	35	SSW	1	c	Dungeness	30.06	36	34	N	3	be	3
Shields	29.87	36	36	SW	3	r	London	30.07	37	33	WNW	3	om	*
Ardrossan	29.78	48	48	W	6	0	Yarmouth	29.98	25	30	WNW	3	om	5
Malin Head	29.86	47	47	W	4	f	Jersey	30.08	41	38	NNW	4	c	3
Mullaghmore	29.98	47	47	WSW	5	r	Rocheport	30.19	42	37	NNE	7	c	2
Belmullet	30.05	49	48	W	6	om	*							

## REMARKS.

A small depression has appeared near the Shetlands, and the barometer is falling generally - most in the north-east. The is backing at several of the English stations, but at Stornoway it has veered to WNW, and increased in force. Rain is falling over the northern part of Ireland and England as well as at Sumburgh Hd., but in the SE. the weather remains fair. The sea rather rough at Yarmouth moderate to smooth elsewhere.

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

STA
Haparai
Hernosa
Stockholm
Wick
Widby
Bodo
Christia
Skudesa
Oxö (Xt)
Skagen
Fano
Cuxhava
Sunbar
Stornow
Wick
Nairu
Aberdee
Leith
Shields
Spurn I
York
Loughb
Ardross
Malin H
Mullagh
Belmull
Donagh
Barrow
Liverpo
Holyhea
Parsons
Valenci
Roche's
Pembro
Scilly
Prawle
Hurst C
Dungen
London
Oxford
Cambrie
Yarmou
The He
Cape G
Jersey
Brest
Lorient
Rochele
Biarritz
Cornun
Brussel
Charlev
Paris
Lyons
Tonton
WE
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† 1
Norway



# DAILY WEATHER REPORT

for Thursday 14<sup>th</sup> January 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.	Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 9.)	SHADE TEMP.		Per cent of Rainfall.		
			Direc.	Force. (0 to 12.)				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)			Max.	Min.			
Haparanda	29.43	22	S	4	S	29.33	-0.03	26	26	+6	S	4	S	*	?	5	0.47		
Hernösand	29.30	31	S	6	O	29.38	+0.15	29	29	+1	Z	0	C	*	30	1	0.16		
Stockholm	29.46	27	N	2	C	29.61	+0.17	25	24	+2	SW	2	O	*	30	18	-		
Wisby	29.50	20	S	4	O	29.57	-0.03	30	29	+2	SW	4	O	*	30	25	-		
Bodö	29.17	23	E	6	C	29.26	+0.31	24	22	0	E	4	O	2	25	21	-		
Christiansund	29.08	35	SW	5	N	29.54	+0.72	35	33	-2	W	1	O	5	37	32	0.08		
Skudesnaes	29.17	37	NW	6	C	29.60	+0.60	36	34	-6	NW	6	bc	4	?	27	-		
Oxö (Christiansund)	29.14	34	SE	4	N	29.58	+0.48	32	?	-8	NW	2	b	3	?	30	?		
Skagen (The Skaw)	29.22	33	S	6	O	29.57	+0.80	32	32	-2	W	1	O	0	34	32	0.24		
Faro	29.12	31	SE	6	O	29.58	+0.26	30	29	-3	ESE	4	C	*	34	28	0.04		
Cuxhaven	29.10	33	SSW	4	O	29.57	+0.03	30	30	+2	ESE	2	bc	*	33	28	-		
Sumburgh Head	29.37	36	N	4	b	29.75	+0.83	35	34	-2	W	1	O	2	38	32	0.01		
Stornoway	29.67	37	N	6	cyp	29.81	+0.66	38	36	+2	S	4	om	4	40	33	0.16		
Wick	29.52	36	NE	6	C	29.83	+0.79	38	32	-5	W	1	bc	1	38	32	0.18		
Nairn	29.55	37	NNE	6	b	29.89	+0.75	33	31	-2	SW	1	b	1	39	29	0.13		
Aberdeen	29.41	37	NW	6	qf	29.88	+0.79	35	32	-2	NW	2	C	2	39	34	0.10		
Leith	29.44	40	NW	4	bc	29.93	+0.77	34	31	-5	NW	1	bm	*	41	32	-		
Shields	29.33	38	WNW	4	bp	29.90	+0.81	36	34	-7	N	3	O	3	43	35	0.06		
Spurn Head	29.25	37	WNW	5	O	29.77	+0.61	40	38	-2	NW	6	bc	6	43	35	0.10		
York	29.30	34	SW	3	b	29.90	+0.75	35	34	-10	NW	2	C	*	45	34	0.05		
Loughborough	29.33	36	NW	4	b	29.87	+0.61	35	33	-10	NW	4	b	*	45	35	0.11		
Ardrrossan	29.52	40	NW	4	b	29.97	+0.72	31	30	-9	Z	0	bm	0	41	30	0.01		
Malin Head	29.69	37	N	7	bp	30.00	+0.80	39	38	+2	SW	3	om	4	45	34	-		
Mullaghmore	29.78	42	NW	9	C	30.04	+0.52	42	40	-1	SW	1	om	2	43	40	0.05		
Belmullet	29.90	43	N	9	cp	30.07	+0.43	42	40	0	SW	3	O	*	44	37	0.08		
Donaghadee	29.59	42	NW	8	bc	30.01	+0.65	39	37	+1	NW	2	bc	0	42	35	0.16		
Barrow-in-Furness	29.41	38	N	3	b	29.97	+0.75	34	31	-6	NW	2	bc	*	41	32	-		
Liverpool (Bidston)	29.41	39	NW	5	bc	29.94	+0.67	36	33	-5	NW	5	b	4	41	36	0.02		
Holyhead	29.47	42	NW	9	bc	30.01	+0.66	41	38	-2	N	4	bc	3	44	33	0.01		
Parsonstown	29.80	38	NW	2	b	30.11	+0.48	35	34	-4	Z	0	C	*	41	33	0.05		
Valencia	29.97	44	NW	6	cyp	30.16	+0.37	45	43	-1	NW	2	C	1	47	41	0.06		
Roche's Point	29.82	43	NW	7	b	30.10	+0.33	40	38	-3	NW	3	bc	3	45	38	0.01		
Pembroke	29.59	42	NW	8	C	30.03	+0.59	39	37	-5	N	3	C	3	45	38	0.04		
Seilly	29.65	46	NW	10	C	30.02	+0.40	44	39	-7	N	8	C	6	51	42	0.03		
Prawle Point	29.53	38	NW	5	bc	29.97	+0.42	34	32	-14	N	2	b	2	48	32	0.06		
Hurst Castle	29.40	39	NW	6	bc	29.82	+0.39	37	34	-8	NW	6	b	4	46	34	0.06		
Dungeness	29.23	40	NW	4	N	29.65	+0.18	38	37	-5	N	4	C	4	45	34	0.22		
London	29.33	39	NW	5	bp	29.79	+0.43	39	36	-4	NW	6	O	*	45	36	0.08		
Oxford	29.43	37	NW	5	b	29.86	+0.51	35	32	-10	NW	5	b	*	46	35	0.14		
Cambridge	29.37	35	N	2	C	29.80	+0.52	36	35	-4	N	3	O	*	44	33	0.08		
Yarmouth	29.19	38	NW	4	C	29.66	+0.39	40	39	+3	N	5	cyp	5	40	35	0.34		
The Helder	29.07	39	NW	5	N	29.45	+0.07	36	36	-1	NNE	5	f	4	41	36	0.67		
Cape Gris Nez																			
Jersey	29.46	41	NW	7	cyp	29.85	+0.24	40	37	-7	NNE	6	om	5	49	40	0.33		
Brest	29.68	39	N	0	N	29.93	+0.07	42	38	-7	NE	7	C	5	50	39	0.24		
Torquay																			
Rochefort	29.62	48	NW	8	O	29.88	+0.04	42	39	-8	N	8	bc	4	50	37	0.20		
Biarritz	29.60	48	NW	8	b	29.75	-0.20	37	35	-9	N	7	b	2	50	32	0.32		
Corunna	29.58	50	W	9	N	29.68	-0.42	39	37	-3	NE	4	N	7	52	37	0.63		
Brussels	*	*	*	*	*	30.16	-0.16	43	43	+1	NE	11	N	8	54	39	0.08		
Charleville	*	*	*	*	*	29.52	-0.08	37	37	+4	NW	3	N	*	38	?	0.71		
Paris	29.18	33	NW	4	O	29.47	-0.32	37	35	+7	S	4	C	*	39	22	0.70		
Lyons	29.29	42	SW	7	O	29.67	-0.04	37	35	+2	NW	4	O	*	*	*	0.43		
Toulon	29.49	28	S	4	S	29.56	-0.46	34	33	+14	NW	4	C	*	?	?	0.12		

## 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, 14<sup>th</sup> January, 1886.

## 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 —

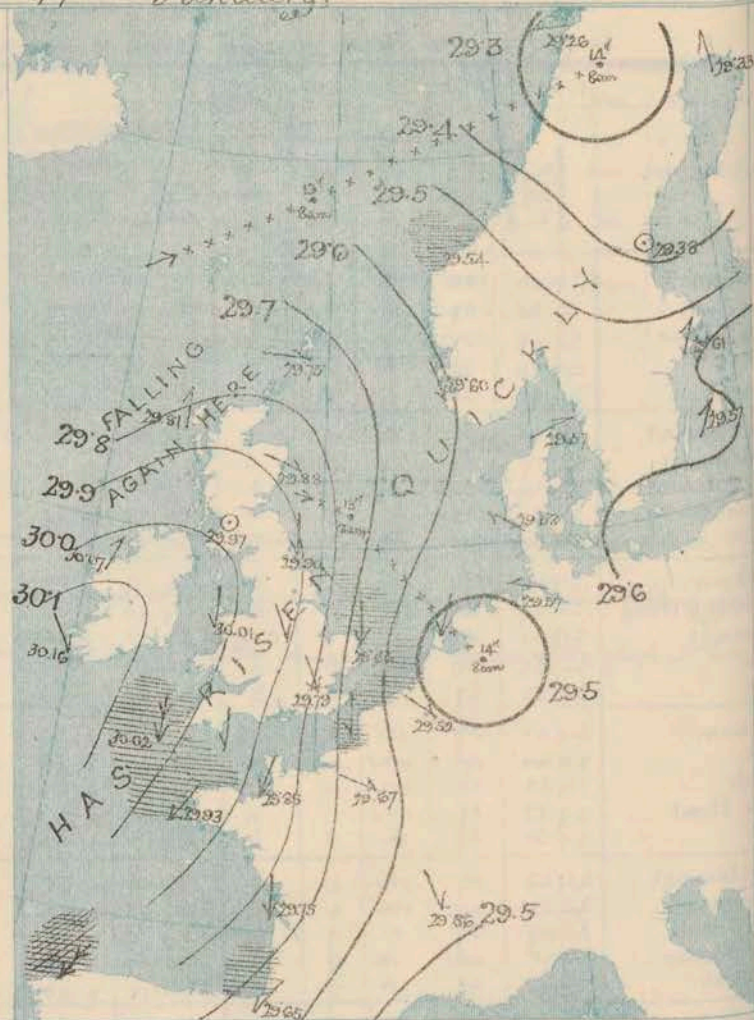
→ = force above 10; →→ = forces 8 to 10;  
→ = forces 5 to 7; →→ = forces 1 to 4;  
○ = dead calm.

**Sea Disturbance** — where considerable is shown thus  
[Hatched] = Rough, [Wavy] = High

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
	ins.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.720
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.876
Liverpool	29.906
Valencia	29.852
Roche's Point	29.888
Pembroke	29.913
Scilly	29.963
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.976
Yarmouth	29.964



## 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 January.

STATIONS.	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	38.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.0	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.00
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.28
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	8.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.30
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.2	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85





# REMARKS.

for Thursday 14<sup>th</sup> January.

1886 at 8 a.m.

The large depression which lay off the west of Norway yesterday has travelled away to the north of Scandinavia, while the small disturbance over the North Sea has moved south-eastwards to the Netherlands. The barometer has therefore risen quickly over our Islands, and less decidedly on the eastern shores of the North Sea, but at Norway a new fall has commenced during the night. Over Denmark and the Netherlands the wind circulates round the small depression noticed above, but at the English and western French stations it is strong from the N<sup>W</sup>, while on our extreme north-west coast it has backed to S.W. or S. Strong to whole gales from the N.W.<sup>2</sup> were experienced yesterday in the west, and fresh gales at the Channel stations. The weather is dull in Scandinavia and the east of France, as well as on our extreme north-west coast, but generally fine elsewhere. Rain or hail fell yesterday in most parts of Western Europe, and thunder was heard at Jersey late in the evening. Temperature has fallen a few degrees, and readings now range from 45° at Valence to 33° at Kairn. Frost occurred in Scotland last night. The sea is rough at Spurn Head and Scilly, rather rough on our south and south-east coasts generally, moderate to smooth elsewhere.

A new depression appears to be advancing towards our northern coasts, and a further increase of wind will probably occur shortly.

## FORECASTS

For the 24 hours ending at NOON on 15<sup>th</sup> January. 1886.

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

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

1 SCOTLAND  
NORTH

SW<sup>1</sup> to NW<sup>1</sup> winds, increasing in force; squally, some snow.

6 SCOTLAND  
WEST

Same as No 1.

2 SCOTLAND  
EAST

-----D-----D-----D-----

7 ENGLAND  
N.W.

NW<sup>1</sup> to W<sup>1</sup> winds, increasing in force, fair to squally and showery.

3 ENGLAND  
N.E.

Same as No 5

8 ENGLAND  
S.W.

N<sup>1</sup> to NW<sup>1</sup> or W<sup>1</sup> winds, fresh; fair to showery.

4 ENGLAND  
EAST

Same as No 5

9 IRELAND  
NORTH

SW<sup>1</sup> to NW<sup>1</sup> winds, increasing in force; squally, some rain.

5 MIDLAND  
COUNTIES

Same as No 5

10 IRELAND  
SOUTH

Same as No 7

6 ENGLAND  
SOUTH

NW<sup>1</sup> to W<sup>1</sup> winds, fresh or strong; fair to unsettled, with some rain or sleet.

### WARNINGS

The north cone was hoisted last evening, and is still up, in districts 1, 2 and 3. Signals have been lowered this morning in district 5 and part of 8.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.99	39	38	WSW	1	sf	Holyhead	29.42	40	39	NW	9	cq/m	6
Sumburgh Head	29.14	37	34	N	4	bc	Valencia	29.87	45	42	NW	7	chq/m	6
Stornoway	29.40	39	38	N	7	bcq/h	Scilly	29.62	47	45	NNW	9	cq	7
Aberdeen	29.15	38	36	NW	4	b	Dungeness	29.19	41	40	NNW	8	c	3
Shields	29.20	40	37	WNW	2	b	London	29.24	42	39	WNW	6	oq	*
Ardrossan	29.32	40	39	NW	5	c	Yarmouth	29.09	40	39	NW	4	n	4
Malin Head	29.53	37	37	N	8	b	Jersey	29.46	45	40	NW	8	bc	6
Mullaghmore	29.61	43	40	NW	9	cq/hr	Rochefort	29.66	50	49	WNW	8	f	3
Belmullet	29.77	43	39	NNW	10	oq/hr								

## REMARKS.

The barometer is now rising on all but our southeast coasts and the wind has veered to NW or N generally. A whole gale is blowing at Belmullet and strong gales at Mullaghmore, Holyhead, and Scilly. Hail showers are falling on the west coasts of Ireland and Scotland and rain at Yarmouth; but elsewhere the weather is fair. The sea is high at Mullaghmore and Scilly, rough on our E. and S. coasts generally.

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STA
Hapara
Hernös
Stockh
Wisby
Bodö
Christi
Skudes
Oxö
Skagen
Fanö
Cuxhav
Sumbu
Storno
Wick
Nairn
Aberde
Leith
Shields
Spurn
York
Lough
Ardros
Malin
Mullag
Belmul
Donagh
Barrow
Liverp
Holyhe
Parson
Valenc
Roches
Pembre
Scilly
Prawle
Hurst
Dungen
London
Oxford
Cambr
Yarmo
The H
Cape G
Jersey
Brest
Lorient
Rochef
Biarrit
Corunn
Brusse
Charle
Paris
Lyons
Toulon
WE
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Norway
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# DAILY WEATHER REPORT

for *Fri-day* 15<sup>th</sup> January 1886.

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.	BAROMETER.		SHADE TEMP.		WIND.		Weather.	Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).			Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).			Max.	Min.	
Haparanda	29.84	10	Z	0	c	29.16	-17	18	18	-8	Z	0	o	*	27	9	-
Hernösand	29.45	18	Z	0	o	29.11	-27	31	30	+2	S	4	o	*	34	16	-
Stockholm	29.63	30	SW	2	o	29.42	-19	29	21	+4	SSW	2	o	*	30	25	-
Wisby	29.65	30	WSW	4	o	29.57	-00	31	30	+1	WSW	6	o	*	32	27	-
Bodo	29.21	27	ESE	2	o	28.73	-53	32	31	+8	EHE	2	o	*	32	23	-
Christiansund	29.15	37	SE	3	o	28.75	-19	39	36	+4	WSW	4	c	5	39	30	-
Skudesnaes	29.52	39	S	8	o	29.09	-51	42	41	+6	WSW	6	o	5	?	36	0.63
Oxø (Ålensund)	29.62	36	WSW	4	o	29.21	-37	40	40	+8	WSW	4	n	4	?	?	0.20
Skagen (The Skaw)	29.64	33	SW	2	o	29.35	-22	34	33	+2	W	5	n	3	36	28	0.39
Faro	29.74	34	Z	0	o	29.52	-06	36	35	+6	SW	4	o	*	?	30	-
Cuxhaven	29.77	27	SE	1	b	29.73	+16	34	34	+4	SW	5	o	*	?	?	-
Sumburgh Head	29.24	42	WSW	6	n	28.88	-87	35	34	0	W	6	osp	6	42	32	0.26
Stornoway	29.41	45	WSW	6	ad	29.10	-71	35	34	-3	WSW	6	ogp	5	47	33	0.32
Wick	29.43	43	SW	5	c	29.08	-75	34	33	+1	SW	7	osp	3	44	32	0.05
Nairn	29.45	43	SW	3	bc	29.16	-73	37	36	+4	WSW	4	o	1	47	32	0.02
Aberdeen	29.57	37	SSW	5	c	29.22	-66	38	36	+3	WSW	2	b	1	44	33	-
Leith	29.67	39	WNW	3	c	29.33	-60	42	40	+8	W	3	b	*	48	33	0.05
Shields	29.82	36	S	3	o	29.40	-50	45	43	+9	SSW	3	m	3	48	34	-
Spurn Head	29.92	35	W	3	bc	29.56	-21	42	41	+2	SW	5	o	4	42	33	0.01
York	29.94	34	WNW	1	bc	29.55	-35	45	44	+10	WSW	3	m	*	45	33	0.01
Loughborough	29.99	34	W	1	c	29.68	-19	43	41	+8	SW	4	ogp	*	44	32	0.01
Ardrossan	29.76	42	SSW	5	d	29.38	-59	42	42	+11	WNW	4	pm	4	42	30	0.15
Malin Head	29.71	46	SW	5	ad	29.39	-61	40	39	+1	W	5	ogp	6	47	39	0.13
Mullaghmore	29.85	48	SW	4	d	29.52	-52	44	43	+2	WSW	6	chng	5	48	40	0.06
Belmullet	29.87	48	W	6	o	29.56	-51	44	42	+2	W	7	o	*	48	42	0.08
Dunaghadie	29.81	44	SW	1	c	29.50	-51	43	42	+4	W	6	b	4	48	37	-
Barrow-in-Furness	29.90	41	WSW	3	o	29.55	-42	43	43	+9	W	3	c	*	44	34	0.12
Liverpool (Bidston)	29.96	36	WSW	2	bc	29.59	-35	45	44	+9	WSW	6	o	4	48	36	0.03
Holyhead	29.98	42	SW	3	om	29.64	-37	46	46	+5	SW	4	om	3	48	35	0.06
Parsonstown	29.97	45	SW	1	o	29.67	-44	43	41	+8	W	2	bc	*	48	34	0.06
Valencia	30.05	49	WSW	1	omd	29.80	-36	46	45	+1	WNW	4	om	4	51	43	0.05
Rocha's Point	29.44	43	W	3	c	29.75	-35	49	38	+9	W	4	nm	4	49	39	0.01
Pembroke	30.08	44	NW	4	bc	29.91	-11	48	48	+4	WSW	5	om	4	48	42	0.01
Swilly	30.08	34	WNW	2	bc	29.93	-04	45	45	+11	WSW	4	ogm	4	45	33	-
Prawle Point	30.01	35	NW	2	b	29.90	+08	43	41	+6	WSW	5	o	4	45	31	-
Hurst Castle	29.89	40	N	5	o	29.85	+20	42	41	+4	W	4	c	3	44	30	-
Duigeness	29.99	37	NW	3	m	29.83	+04	40	38	+1	SSW	3	o	*	42	30	-
London	30.04	32	WNW	2	b	29.80	-06	40	39	+5	SW	6	odg	*	40	32	-
Oxford	29.96	33	WNW	2	bc	29.75	-05	39	38	+3	SW	3	o	*	40	29	-
Cambridge	29.89	40	N	3	c	29.71	+05	37	36	-3	WSW	4	c	4	41	32	0.05
Yarmouth	29.86	37	NE	1	o	29.73	+28	39	37	+3	SW	5	c	4	39	36	-
The Helder	29.86	43	N	1	o	29.87	+01	41	39	+2	SW	7	o	5	43	37	-
Cape Gris Nez	30.03	40	N	3	bm	30.01	+16	43	41	+3	WSW	4	ogm	4	43	36	-
Jersey	30.10	37	NHE	3	b	30.08	+15	46	42	+4	W	5	o	5	?	36	-
Brest	30.09	42	N	5	b	30.11	+23	46	41	+4	W	4	o	3	50	37	-
Lorient	30.02	42	NHE	5	o	30.19	+44	38	37	+1	NE	3	o	2	46	33	-
Rochefort	*	*	*	*	*	30.34	+18	37	36	-6	E	1	b	4	50	?	0.12
Biarritz	*	*	*	*	*	29.97	+45	35	35	-2	SW	3	o	*	38	33	0.04
Corunna	*	*	*	*	*	30.04	+57	36	34	-1	S	1	c	*	39	33	0.12
Brussels	29.87	40	NW	4	o	30.10	+43	37	36	0	SW	3	b	*	?	?	0.04
Charleville	29.86	35	NHE	3	b	30.16	+60	38	32	-1	N	1	m	*	36	33	-
Paris	29.66	37	E	7	c	29.93	-45	45	41	-	E	5	c	6	45	35	0.55
Lyons																	
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).



for 8 a.m. on *Friday, 15<sup>th</sup> January 1886.*

(Explanation of Map)

*Sea Disturbance*—where considerable, is shown thus

at 3 a. m. for the month of January  
During the 10 Years 1871—1880.

A hand-drawn map of the Pacific Northwest, including parts of Washington, Oregon, and California. The map features several isobars (lines of equal pressure) labeled with values such as 29.73, 29.7, 29.6, 29.52, 29.40, 29.38, 29.30, 29.22, 29.10, 29.08, 29.01, 30.08, 30.10, 30.19, 30.16, 30.1, and 30.0. The word "HERE" is written in the upper right, and "DECIDEDLY" is written vertically along a curved isobar. "FALLING" is written vertically along a curved isobar on the left. "RISEN BRISKLY" is written in the lower right. A shaded area in the upper left is labeled "MOST". A line with arrows pointing towards the coast is labeled "F A L L". The map also shows the coastline of the Pacific Northwest and some latitude/longitude grid lines.

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.

for the month of January

NOTE - The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 20 years 1866-85



for Friday 15<sup>th</sup> January

In the course of the past twenty-four hours a large depression has appeared off the west of Norway, and the barometer has fallen at all but the French stations. In Scotland the change has been somewhat rapid. The wind is NE<sup>2</sup> or E<sup>2</sup> in the south of France, but SW<sup>4</sup> or W<sup>4</sup> elsewhere; in force it is moderate or fresh generally, but in the extreme north and north-west of our Islands it blows strongly. The weather is fine in the east of Scotland, as well as in some parts of Ireland, but cloudy or overcast elsewhere, with snow showers at Lumburgh Head and Wick and hail on our extreme, north-west coasts. Since yesterday rain has fallen at most of our western and north-western stations. At the summit of Ben Nevis the barometer at 6pm yesterday, stood at 25.11 in: with a light WNW breeze, a temperature of 31° and misty rain. Temperature has risen a few degrees generally, and readings now range from 49° at Rock Point to 34° at Wick. Frost occurred last night over England. The sea is rough in the extreme west and north-west, but moderate to smooth elsewhere.

ATLANTIC TELEGRAM.

## FORECASTS

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

*Fred\* Dangerfield, Ltd., London, (13).*



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

TUESDAY 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.65	36	35	rtW	2	0	4	Holyhead	30.00	42	39	rtW	2	C	2
Sumburgh Head	29.44	38	35	SW	5	0	4	Valencia	30.11	48	48	rtW	3	ond	4
Stornoway	29.54	45	45	SSW	7	2	6	Scilly	30.06	44	40	N	5	bc	5
Aberdeen	29.71	36	34	SSW	3	0	2	Dungeness	29.50	40	39	N	5	0	4
Shields	29.90	38	35	rtW	3	C	4	London	29.90	42	37	rtW	3	6	*
Ardrossan	29.86	42	41	SW	4	0	3	Yarmouth	29.83	41	39	N	5	bcg	5
Malin Head	29.80	44	43	SW	4	0	3	Jersey	29.96	42	39	NNE	5	0	5
Mullaghmore	29.91	45	44	SW	5	om	4	Rochefort	29.79	42	39	N	7	0	3
Belmullet	29.96	48	47	rtW	5	om	*								

## REMARKS.

The barometer is falling quickly in the north, with freshening SW winds, an increase of cloud, and drizzling at Stornoway. - On our southern coast, however, the barometer still rises, with N breezes and fair weather. The sea is rough or rather so at Stornoway, Scilly, Jersey, and Yarmouth.



# DAILY WEATHER REPORT

for Saturday 16<sup>th</sup> January 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. W. 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.		Weather.	Sea (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Force. (0 to 12).	Dir.		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.	
Haparanda	28.89	30	S	4	S	28.86	-.30	25	25	+7	SW	4	bc	•	30	0	0.43
Hernösand	28.88	31	SW	2	b	29.00	-.11	27	27	-4	SW	0	b	•	36	18	-
Stockholm	29.16	25	S	4	0	29.26	-.16	36	35	+7	SW	4	0	•	34	27	0.04
Wisby	29.39	35	WSW	8	0	29.39	-.18	35	34	+4	SW	4	0	•	36	27	0.08
Bodö	28.57	33	E	4	0	28.69	-.04	32	29	0	ENE	2	c	1	?	27	-
Christiansund	28.86	36	SW	4	c	28.72	-.03	36	33	-3	SW	3	c	5	?	28	0.16
Skudesnaes	29.02	37	WSW	6	bc	29.04	-.05	37	35	-5	WSW	7	n	5	43	37	-
Oxö (Xtiansund).	29.12	39	SW	6	0	29.17	-.04	37	36	-3	SW	7	0	3	41	36	0.12
Skagen (The Skaw)	29.21	37	WSW	4	0	29.25	-.10	34	33	-1	W	3	b	1	37	34	0.26
Faßö	29.36	37	SW	4	n	29.36	-.16	36	36	0	SW	3	c	•	37	34	0.16
Cuxhaven	29.59	34	SW	5	n	29.50	-.23	38	37	+4	SW	4	f	•	?	?	?
Sumburgh Head	28.76	35	W	5	S	28.86	-.02	33	32	-2	W	4	oshp	4	38	32	0.33
Stornoway	28.93	36	WSW	7	cgph	29.07	-.03	33	33	-2	WSW	6	sq	5	38	31	0.17
Wick	28.94	32	SW	6	b	29.05	-.03	30	30	-4	SW	6	S	4	39	29	0.18
Nairn	29.03	35	SW	3	c	29.13	-.03	32	31	-5	SW	2	bc	1	38	30	0.29
Aberdeen	29.11	35	WSW	4	b	29.19	-.03	33	31	-5	SW	3	bc	1	40	32	-
Leith	29.24	37	WSW	4	bc	29.29	-.04	33	32	-9	W	3	bc	•	42	32	0.14
Shields	29.34	39	SW	5	b	29.38	-.02	35	33	-10	SW	4	b	2	45	33	-
Spurn Head	29.44	41	WSW	4	c	29.47	-.09	35	34	-7	WSW	5	b	4	45	35	0.06
York	29.43	40	WSW	2	b	29.49	-.06	36	33	-9	W	3	b	•	47	34	-
Loughborough	29.53	41	SW	3	0	29.60	-.08	34	32	-9	WSW	4	b	•	47	34	0.08
Androssan	29.24	38	WSW	5	pgn	29.34	-.04	36	35	-6	WSW	4	ogtsh	4	43	33	0.21
Malin Head	29.28	34	WSW	5	0	29.32	-.07	36	35	-4	SW	4	oght	5	41	33	0.08
Mullaghmore	29.39	39	WSW	7	ogp	29.44	-.08	36	36	-8	SW	5	om	5	44	34	0.15
Belmullet	29.43	35	W	7	ogp	29.44	-.12	40	38	-4	W	8	0	•	44	34	0.25
Donaghadee	29.38	37	W	6	c	29.45	-.05	32	32	-11	W	5	b	3	44	31	0.06
Barrow-in-Furness	29.41	41	W	3	bc	29.49	-.06	34	35	-6	SW	3	c	•	45	37	-
Liverpool (Bidston)	29.46	48	WSW	4	c	29.55	-.04	37	34	-8	WSW	6	b	4	47	35	0.06
Holyhead	29.49	40	WSW	3	bcm	29.58	-.06	37	35	-9	WSW	5	bgm	4	47	33	0.03
Parsonstown	29.52	36	W	1	0	29.61	-.06	32	32	-11	SW	1	0	•	45	31	0.13
Valencia	29.66	42	W	6	cgpu	29.70	-.10	43	41	-3	WSW	5	cu	6	49	36	0.29
Roe's Point	29.67	43	WSW	3	bc	29.73	-.02	35	34	-14	W	3	b	4	49	33	0.25
Pembroke	29.59	43	WSW	5	c	29.72	-.05	41	38	-6	WSW	6	c	5	47	38	0.25
Seilly	29.71	45	W	5	cg	29.86	-.05	43	39	-5	WSW	5	bc	6	50	39	0.18
Prawle Point	29.67	46	SW	4	0	29.83	-.10	37	35	-8	WSW	2	b	3	48	34	0.20
Hurst Castle	29.64	46	WSW	7	n	29.75	-.15	37	35	-6	W	5	b	4	47	30	0.15
Dungeness	29.66	44	W	6	n	29.69	-.14	34	34	-8	WSW	4	bc	4	45	38	0.20
London	29.61	44	WSW	5	on	29.70	-.13	33	32	-7	SW	2	b	•	48	32	0.20
Oxford	29.58	42	SW	3	0	29.70	-.10	34	32	-6	WSW	3	b	•	47	34	0.18
Cambridge	29.60	39	SW	3	n	29.64	-.11	39	38	0	SW	1	b	•	43	33	0.10
Yarmouth	29.54	43	W	5	nq	29.59	-.12	34	33	-3	W	3	b	3	44	32	0.07
The Helder	29.51	40	SW	5	n	29.51	-.22	39	37	0	W	3	c	3	43	39	0.35
Cape Gris Nez	29.78	45	SW	6	ogm	29.86	-.15	40	37	-3	WSW	4	bc	4	46	40	0.28
Jersey	29.85	49	WSW	5	f	29.92	-.16	41	37	-5	W	5	b	4	48	36	0.24
Brest	29.92	48	WSW	7	m	29.93	-.18	42	39	-4	WSW	5	b	4	50	37	0.16
Lorient	30.13	44	SW	5	0	29.97	-.22	45	43	+7	WSW	7	b	2	46	34	0.12
Rochefort	30.19	42	SE	3	0	29.98	-	45	41	-	SSW	5	n	2	48	34	-
Biarritz	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Corunna	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Brussels	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Charleville	29.91	35	WSW	4	c	29.68	-.36	34	33	-2	W	4	0	•	37	32	0.16
Paris	29.97	41	SW	3	bc	29.82	-.28	42	39	+5	SW	3	0	•	*	*	0.12
Lyons	30.17	34	WSW	3	0	30.00	-.16	30	28	-3	S	3	0	•	36	29	-
Toulon	29.99	47	W	3	bc	29.93	-.00	42	39	-3	NE	3	m	3	54	41	-

**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).

Fred<sup>d</sup> Danyerfield Lith London



# WEATHER CHARTS

for 8 a.m. on Saturday, 16<sup>th</sup> January, 1886.

## 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.

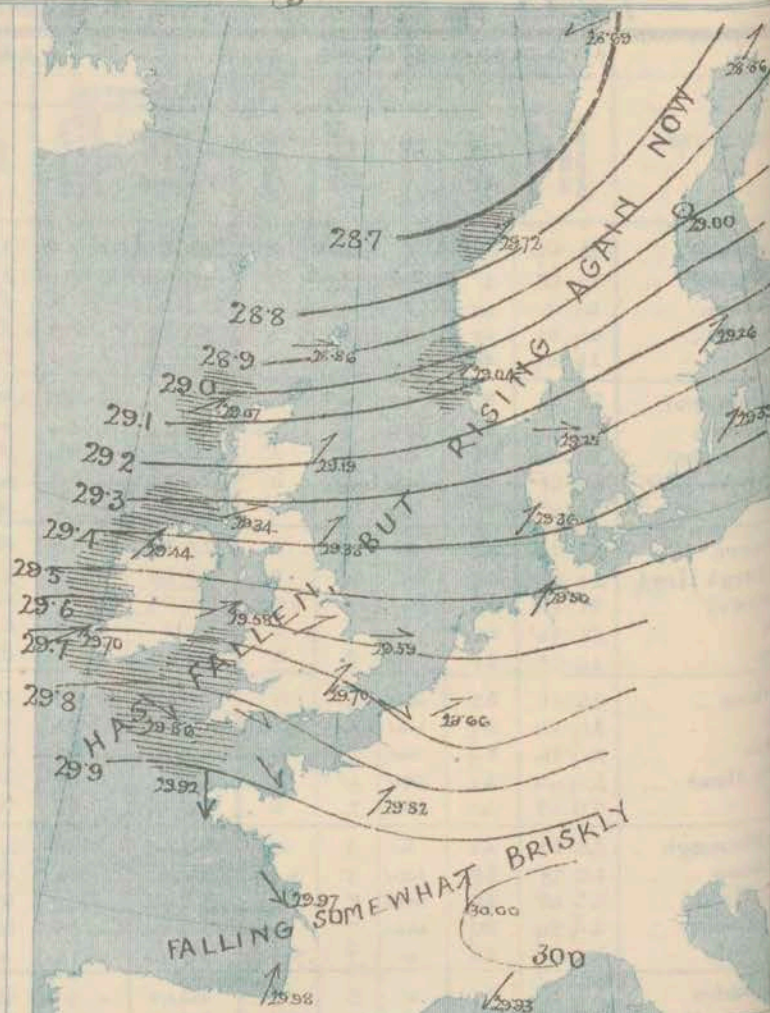
**Sea Disturbance**—where considerable, is shown thus—

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.861
Stornoway	29.657
Wick	29.897
Nairn	29.729
Aberdeen	29.768
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.876
Liverpool	29.908
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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.

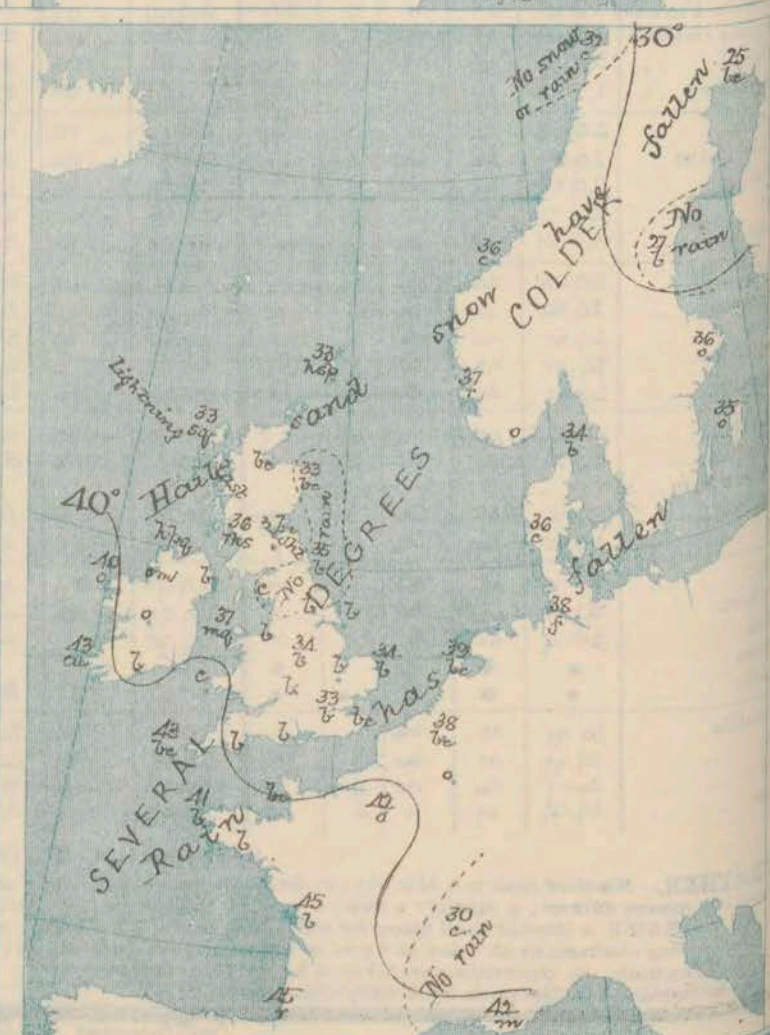
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m. Dry	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.06
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.2	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	45.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.63
Donaghadee	44.5	36.3	39.7	38.8	3.08
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.29
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	44.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.67
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Saturday 16<sup>th</sup> January

1886 at 8 a.m.

A large depression still lies off the Norwegian coast, but the barometer is at present rising at all but the French stations, where a fall is in progress. At Valencia the mercury is rather unsteady. NW<sup>2</sup> breezes are reported over the Bay of Biscay and southwest of England, but elsewhere the wind remains W<sup>2</sup> or SW<sup>2</sup>; in force it is moderate or fresh generally, but at some of the more exposed stations it blows strongly. Snow is falling in the north of Scotland, and hail at Ardrossan and Malin Head, but in other parts of our Islands the weather is mostly fine. Rain fell yesterday in the south and south-east of England, and sleet or hail on our north and north-west coasts. Lightning was seen during the night at Stromway, Ardrossan and Leith. Temperature has fallen several degrees generally, and readings now range from 43° at Valencia and Sicily to 30° at Wick. Frost occurred last night in most parts of the Kingdom; in London the thermometer on the grass fell to 22°. The sea is rough at Valencia and Sicily, and rather rough on our western coast generally.

There is at present no sign of any important change, but the distribution of pressure is favourable for the advance of subsidiary depressions over our Islands.

## FORECASTS

for the 24 hours ending at NOON on 17<sup>th</sup> January 1886.  
(Issued at 11 a.m. on the previous day.)

### DISTRICTS.

### FORECASTS.

### DISTRICTS.

### FORECASTS.

0 SCOTLAND NORTH

W<sup>2</sup> or SW<sup>2</sup> winds, strong; squally, hail and sleet showers.

1 SCOTLAND EAST

SW<sup>2</sup> winds, moderate; fair generally.

2 ENGLAND N.E.

-----D-----D-----D-----

3 ENGLAND EAST

Same as No 5

4 MIDLAND COUNTIES

Same as No 5.

5 ENGLAND SOUTH

W<sup>2</sup> or SW<sup>2</sup> winds, moderate or fresh, fine to cloudy and unsettled.

6 SCOTLAND WEST

Same as No 0

7 ENGLAND N.W.

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

8 ENGLAND S.W.

W<sup>2</sup> winds, strong; fine to showery.

9 IRELAND NORTH

Same as No 0

10 IRELAND SOUTH

Same as No 7.

### 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	29.04	39	87	WSW	6	0	5	Holyhead	29.53	42	41	W	5	cgyph	3
Sumburgh Head	28.84	35	33	W	4	stfp	5	Valencia	29.68	46	43	W	6	o qfsw	6
Stornoway	28.98	37	36	WSW	7	chqf	6	Scilly	29.76	50	50	WSW	6	om	5
Aberdeen	29.14	39	85	WSW	4	b	1	Dungeness	29.77	43	43	WSW	6	1	4
Shields	29.34	45	43	SW	5	bc	3	London	29.68	48	46	WSW	4	0	*
Ardrossan	29.28	40	38	WNW	5	b	4	Yarmouth	29.61	44	43	WSW	4	C	4
Malin Head	29.27	39	37	WNW	6	c	6	Jersey	29.87	45	44	WSW	6	0	5
Mullaghmore	29.43	42	40	WSW	7	chqf	7	Roche fort	30.21	45	42	S	4	0	2
Belmullet	29.46	43	38	W	9	c	*								

## REMARKS.

The barometer continues to fall generally and the  $N^4$  wind is inclined to increase. At Belmullet a gale is reported. The weather is fair at Aberdeen and Shields, but cloudy or dull elsewhere, with hail shown on the northwestern and extreme northern coasts. The sea is high at Mullaghmore, rough in the and extreme north generally.

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

STA
Hapar
Hernösa
Stockho
Wisby
Bodö
Christia
Skudesi
Oxö (Xth
Skagen
Fanö
Caxhave
Sumbur
Stornow
Wick
Nairn
Aberdee
Leith
Shields
Spurn H
York
Loughbo
Ardrossa
Malin H
Mullagh
Belmullet
Donagh
Barrow-i
Liverpoo
Holyhead
Parsonst
Valencia
Roche's I
Penabrok
Scilly
Prawle I
Hurst Ca
Dungenes
London
Oxford
Cambridge
Yarmouth
The Hel
Cape Gir
Jersey
Brest
Lorient
Roche for
Biarritz
Corunna
Brussels
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Paris
Lyons
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For
Norway, an
The



# DAILY WEATHER REPORT

for Sunday 17<sup>th</sup> January 1883.

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.	
			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	29.16	16	Z	0	b	29.30	+ .44	29	29	+ 4	S	4	0	*	30	12	—	
Hernösand	29.21	30	S	2	b	29.36	+ .36	27	26	— 0	SSW	2	b	*	30	23	—	
Stockholm	29.36	33	W	2	o	29.59	+ .33	28	27	— 8	Z	0	b	*	37	?	—	
Wisby	29.44	33	SW	6	r	29.59	+ .20	33	32	— 2	WSW	4	bc	*	37	28	0.16	
Bodo	28.88	32	NNE	2	b	29.10	+ .4	29	27	— 3	E	2	S	1	34	27	—	
Christiansund	28.94	32	SW	6	o	29.01	+ .24	34	31	— 2	ESE	4	0	4	34	27	0.08	
Skudesnaes	29.17	39	WSW	6	c	28.95	— .09	39	37	+ 2	SSE	9	0	5	41	37	—	
Oxö (Xtiansund)	29.31	39	SW	6	o	29.16	— .01	37	36	— 0	SSE	9	0	6	?	36	0.04	
Skagen (The Skaw)	29.39	34	SW	3	b	29.38	+ .13	34	33	— 1	SSW	6	c	3	36	32	—	
Faro	29.54	35	SW	4	b	29.35	— .01	32	?	— 4	S	6	c	*	37	32	—	
Cuxhaven	29.59	33	WSW	3	c	29.55	+ .05	30	32	— 5	S	5	bc	*	36	31	—	
Sumburgh Head	28.97	33	SW	3	s	28.69	— .17	32	32	— 1	NNW	2	0	2	36	29	0.22	
Stornoway	28.92	34	SE	4	s	28.84	— .08	30	30	— 3	SW	4	s	4	36	24	0.64	
Wick	28.89	35	S	5	s	28.83	— .06	31	30	+ 1	WNW	4	b	3	36	29	0.15	
Nairn	28.87	37	SW	2	c	28.91	— .04	32	30	— 0	W	2	bc	1	37	31	—	
Aberdeen	28.97	35	SSW	4	r	28.94	— .03	31	29	— 2	SSW	2	bc	1	36	30	0.01	
Leith	29.03	37	W	4	c	29.03	— .00	33	32	— 0	SW	0	c	*	35	32	0.04	
Shields	29.17	37	S	6	r	29.13	— .04	35	33	— 0	SW	2	b	2	40	33	0.09	
Spurn Head	29.41	37	SSE	5	c	29.28	— .13	34	33	— 1	SW	5	b	4	39	34	0.03	
York	29.35	38	SE	4	o	29.27	— .08	34	33	— 2	WSW	2	s	*	43	33	0.11	
Loughborough	29.47	39	SSW	6	o	29.38	— .09	34	32	— 0	WSW	3	b	*	40	34	0.13	
Ardfrossan	29.05	39	WSW	7	c	29.04	— .01	35	35	— 1	WSW	5	cq	4	40	33	0.29	
Malin Head	29.01	37	WSW	5	o	29.06	— .05	35	34	— 1	SW	4	chfy	4	39	32	0.17	
Mullaghmore	29.18	36	W	6	c	29.17	— .01	37	36	+ 1	WSW	6	chfy	6	41	34	0.40	
Belmullet	29.24	37	WNW	8	o	29.19	— .05	36	34	— 4	W	8	c	*	41	33	0.54	
Donaghadee	29.18	35	SW	5	c	29.18	— .00	32	32	— 0	W	4	b	2	37	31	0.02	
Barrow-in-Furness	29.22	40	S	4	o	29.23	— .01	38	35	+ 1	WSW	5	bc	*	41	36	0.07	
Liverpool (Bidston)	29.27	36	SSW	5	o	29.31	— .04	35	33	— 2	WSW	4	bc	4	41	33	0.14	
Holyhead	29.29	39	WSW	6	r	29.31	— .02	38	36	+ 1	WSW	5	bcmg	4	44	33	0.05	
Parsonstown	29.37	35	W	2	c	29.33	— .04	34	33	+ 2	WSW	1	s	*	42	32	0.14	
Valencia	29.51	41	WNW	7	o	29.43	— .08	42	40	— 0	W	6	c	6	48	36	0.34	
Roche's Point	29.49	37	WNW	6	c	29.48	— .01	36	35	+ 1	WSW	2	bc	4	46	33	0.10	
Pembroke	29.43	43	WSW	9	r	29.45	— .02	42	40	+ 1	WNW	5	cp	5	45	37	0.10	
Seilly	29.45	47	WSW	8	c	29.57	— .12	45	43	+ 2	W	6	cq	7	47	40	0.11	
Prawle Point	29.60	45	WSW	8	o	29.57	— .03	37	35	— 0	WNW	3	b	4	45	35	0.27	
Hurst Castle	29.69	44	WSW	7	c	29.54	— .15	41	38	+ 4	W	5	bc	5	46	35	0.23	
Dungeness	29.73	41	W	4	b	29.51	— .22	38	38	+ 4	WNW	4	bc	3	44	34	0.17	
London	29.65	39	SSW	2	c	29.50	— .15	35	34	+ 2	SW	2	b	*	43	33	0.26	
Oxford	29.47	41	SW	6	r	29.48	— .01	35	33	+ 1	WSW	3	b	*	43	34	0.27	
Cambridge	29.49	38	SSW	2	c	29.44	— .05	35	33	— 4	SW	2	b	*	41	32	—	
Yarmouth	29.60	36	SW	4	b	29.42	— .18	34	33	— 0	WSW	3	b	3	38	32	0.05	
The Helder	29.63	38	SW	4	bc	29.39	— .24	38	36	— 1	WSW	3	bc	3	39	34	0.08	
Cape Gris Nez	29.82	43	WSW	5	c	29.65	— .17	43	41	+ 3	WNW	4	cqrm	4	45	39	0.06	
Jersey	29.88	45	W	5	r	29.73	— .15	45	41	+ 4	NW	5	bc	6	46	39	0.06	
Brest	29.95	45	WSW	5	bc	29.76	— .19	46	43	+ 4	WNW	5	c	4	50	39	0.04	
Lorient	30.06	43	NN	3	b	29.89	— .08	46	42	+ 1	W	5	r	2	48	37	0.20	
Rochefort	30.07	46	N	4	o	29.98	— .00	43	41	— 2	S	5	r	5	50	41	0.47	
Biarritz	*	*	*	*	*	29.98	— .00	48	46	— 0	WSW	5	o	6	52	45	0.08	
Corunna	*	*	*	*	*	29.59	— .07	35	34	— 0	SSW	3	o	*	40	33	0.12	
Brussels	?	32	NE	4	b	29.62	— .06	32	31	— 2	SW	7	*	*	41	26	0.24	
Charleville	29.94	42	SW	4	bc	29.73	— .09	38	36	— 4	SW	3	b	*	41	34	0.04	
Paris	30.01	31	N	1	o	29.99	— .01	22	22	— 8	E	1	+	*	36	22	0.04	
Lyons	29.81	45	Z	0	m	29.70	— .20	39	34	— 3	NW	5	bc	5	52	34	—	
Toulon																		

## 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 17<sup>th</sup> January

1886.

## 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.

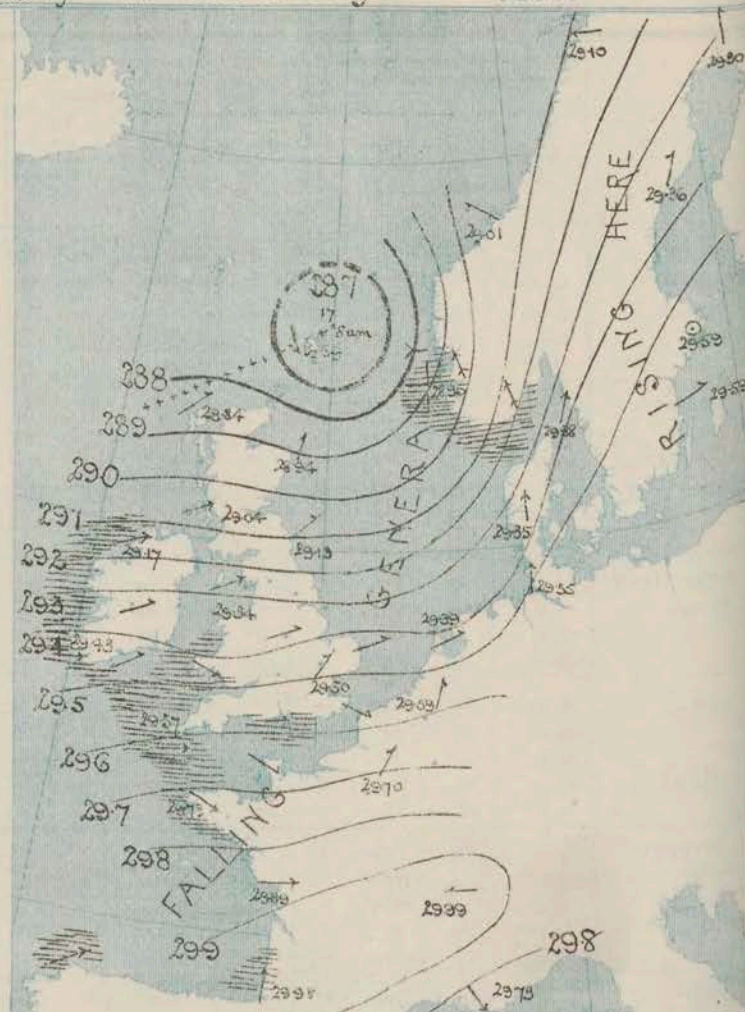
**Sea Disturbance** — where considerable, is shown thus

— Rough. — High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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.

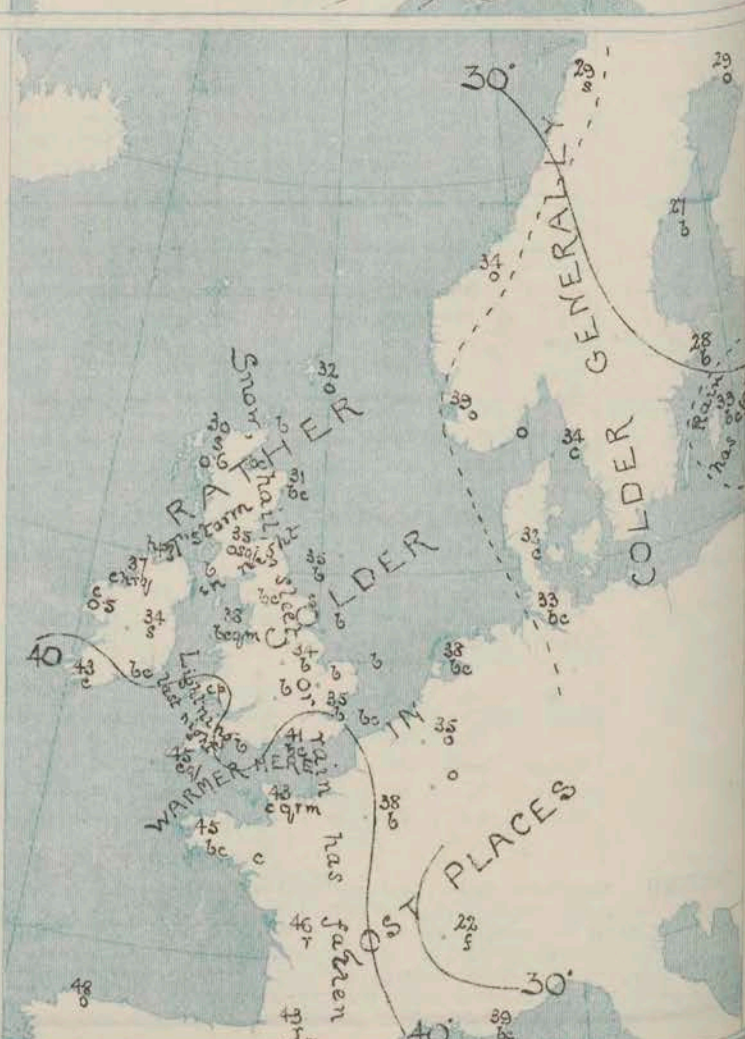
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m.	At 8 a.m.	
			Dry	Wet	
Sumburgh Head	43.0	35.4	39.2	38.2	3.66
Stornoway	43.1	34.2	39.0	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	45.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.08
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.9	2.23
Valencia	49.8	40.7	44.1	43.3	0.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.98
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.67
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Sunday 17<sup>th</sup> January 1886 at 8 a.m.

In the course of the past twenty-four hours a well marked depression has skirted our extreme north coast, while a small subsidiary disturbance has passed across Ireland and England. The centre of the former is now lying between the Shetlands and the Norwegian coast, while the latter has passed away over the North Sea, but the barometer is again falling in the west. The wind is strong to again from the S.W. on the eastern shore of the North Sea, but elsewhere it is S.W. or W. and on some parts of our western coast it blows strongly. A fresh to strong gale from the S.W. was felt last night on our south and southwest coast. The weather is at present fine in the eastern and southern parts of Great Britain, but cloudy or overcast elsewhere, with snow or hail in the west and northwest of our Islands, and rain in the south west of France. Since yesterday heavy showers of hail, sleet, or cold rain have fallen generally, and thunder and lightning have occurred at several of our western and northern stations. Temperature has changed little and irregularly and readings now range from 45° at Lally to 30° at Stromway. Frost occurred last night in many parts of the kingdom. The sea is high at Lally, and rough on our southwest coast generally.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 16<sup>th</sup> Inst. a derelict ship was seen in Lat: 45° N. Long: 39° W.

# FORECASTS

for the 24 hours ending at NOON on 18<sup>th</sup> January 1886.  
(Issued at 11 a.m. on the previous day.)

## DISTRICTS.

## FORECASTS.

## DISTRICTS.

## FORECASTS.

1 SCOTLAND NORTH

2 SCOTLAND EAST

3 ENGLAND N.E.

4 ENGLAND EAST

5 MIDLAND COUNTIES

6 ENGLAND SOUTH

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

## WARNINGS

None issued

None issued

The north cone was hoisted yesterday in districts 0.1. and 6, and the south cone in districts 2.3.5. and 7 to 10.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.12	40	36	WSW	8	chq	Holyhead	29.44	43	40	SW	6	omg
Sumburgh Head	28.93	32	32	NNW	4	s	Valencia	29.48	43	41	WSW	7	ohr
Stornoway	28.99	34	33	SW	2	ogm	Scilly	29.78	47	41	WSW	7	c
Aberdeen	29.15	35	33	SSW	4	b	Dungeness	29.77	42	40	WNW	4	b
Shields	29.36	40	37	SW	3	bc	London	29.72	40	38	W	4	bc
Ardrossan	29.18	39	38	SSW	6	r	Yarmouth	29.64	38	36	W	4	b
Malin Head	29.06	36	35	NNW	4	o	Jersey	29.88	44	40	W	4	b
Mullaghmore	29.20	40	39	WSW	6	cp	Rocheport	30.01	46	45	NNW	5	b
Belmullet	29.23	40	36	W	8	cp							

## REMARKS.

The barometer continues to rise in the south-east of England and also at Sumburgh Hd., but a brisk fall set in on our extreme western coasts. The wind is inclined to increase in the west, with equally showery weather, but that moderate breezes and fine weather are still reported. The sea is high at Mullaghmore Lully, rough in the west generally.

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STAT
Haparand
Hernösand
Stockholm
Wishby
Bodö
Christians
Skudesnae
Oxö (Xtina)
Skagen (Th)
Faro
Caxhaven
Sumburgh
Stornoway
Wick
Nairn
Aberdeen
Leith
Shields
Spurn Head
York
Loughbor
Ardrossan
Malin Head
Mullaghmore
Belmullet
Donaghad
Barrow-in
Liverpool
Holyhead
Parsonsto
Valencia
Roche's P
Pembroke
Scilly
Prawle P
Hurst Cas
Dungenes
London
Oxford
Cambridg
Yarmouth
The Held
Cape Gris
Jersey
Brest
Lorient
Rocheport
Biarritz
Corunna
Brussels
Charlevill
Paris
Lyons
Toulou
WEAT
o. overcast
* AN
† The
Norway, at
† The



# DAILY WEATHER REPORT

for *Monday — 18<sup>th</sup> January 1886.*

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

Issued by the Meteorological Office, 16, Victoria Street, London, W. N. 1001.																		
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.	
			Force (0 to 12).	Dir.		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).			Max.	Min.		
Haparanda	29.61	15	2	0	0	29.73	+ 4.3	27	26	- 2	S	6	0	•	30	14	-	
Hernösand	29.54	31	S	6	0	29.52	+ 1.6	32	32	+ 5	S	6	0	•	34	21	-	
Stockholm	29.60	32	S	4	0	29.62	+ 0.3	32	32	+ 4	S	2	0	•	36	27	-	
Wisby	29.63	32	S	4	bc	29.63	+ 0.4	34	33	+ 1	S	4	c	•	37	30	-	
Bojö																		
Christiansund																		
Skudesnaes	29.02	36	SSW	8	0	28.97	+ 0.2	37	36	- 2	SSE	6	0	5	39	36	0.32	
Oxö (Skiansund)																		
Skagen (The Skaw)	29.31	33	SSW	5	c	29.26	- 1.2	34	33	0	S	6	0	3	36	34	0.20	
Faro	29.34	33	SW	4	b	29.19	- 1.6	33	32	+ 1	SSW	6	csp	•	36	32	0.08	
Cuxhaven	29.50	34	SSW	6	0	29.35	- 2.0	36	35	+ 3	S	5	c	•	36	33	-	
Sumburgh Head	28.76	35	SSW	3	c	28.88	+ 1.9	30	30	- 2	Z	0	0	1	37	29	0.03	
Stornoway	28.85	23	WNW	1	b	28.92	+ 0.8	27	27	- 3	W	4	cq	3	31	20	0.12	
Wick	28.82	28	WNW	3	b	28.93	+ 1.0	26	19	- 11	WNW	1	b	1	32	18	-	
Nairn	28.87	28	W	1	b	28.94	+ 0.3	20	19	- 12	SW	1	b	2	36	19	0.02	
Aberdeen	28.88	32	SW	1	c	28.94	- 0.0	21	20	- 10	W	1	bc	1	34	19	-	
Leith	28.93	34	W	4	c	28.94	- 0.9	29	29	- 4	WNW	1	c	•	35	26	0.30	
Shields	29.04	35	SW	4	b	28.92	- 2.1	30	30	- 5	W	3	cw	2	38	29	-	
Spurn Head	29.14	37	SSW	5	b	28.91	- 3.7	33	33	- 1	W	5	og	4	38	38	0.04	
York	29.14	35	SSW	1	c	28.94	- 3.3	32	32	- 2	W	1	o	•	38	31	0.08	
Loughborough	29.22	37	SSW	3	n	28.99	- 3.9	31	30	- 3	W	2	b	•	40	31	0.04	
Ardrrossan	28.93	37	WSW	5	orsq	28.94	- 1.0	28	27	- 7	NE	1	cw	1	39	27	0.05	
Malin Head	28.93	31	SW	4	s	29.01	- 0.5	36	33	+ 1	N	3	s	3	38	36	0.18	
Mullaghmore	28.99	36	WSW	5	dis	29.05	- 1.2	32	32	- 5	WNW	4	c	4	38	31	0.54	
Belmullet	29.01	36	W	5	cs	29.12	- 0.7	34	32	- 2	WNW	2	bc	•	38	28	0.19	
Donaghadee	29.01	32	W	2	b	28.97	- 2.1	30	30	- 2	WNW	2	b	0	35	26	-	
Barrow-in-Furness	29.08	38	WSW	4	c	28.93	- 3.0	34	32	- 4	WNW	2	bc	•	39	34	0.06	
Liverpool (Bidston)	29.13	35	SW	2	0	28.97	- 3.4	33	31	- 2	W	2	c	3	39	30	0.21	
Holyhead	29.12	38	SW	4	0	28.99	- 3.2	34	33	- 4	W	5	chg	4	39	30	0.07	
Parsonstown	29.13	32	N	1	b	29.10	- 2.3	26	25	- 8	Z	0	c	•	36	24	-	
Valencia	29.18	38	WNW	5	bcq	29.20	- 2.3	38	35	- 5	WNW	4	cq	5	44	33	0.51	
Roche's Point	29.23	38	WSW	4	c	29.09	- 3.9	32	32	- 4	WNW	3	s	4	42	31	0.16	
Pembroke	29.21	41	WNW	5	c	29.03	- 4.2	38	36	- 4	WNW	5	chg	4	44	36	0.20	
Scilly	29.36	46	W	7	cq	29.10	- 4.7	40	35	- 5	WNW	6	cq	7	46	35	0.32	
Prawle Point	29.34	44	WSW	6	c	29.06	- 5.1	35	34	- 2	WNW	2	cq	3	45	33	0.30	
Hurst Castle	29.36	44	WSW	7	bcq	29.03	- 5.1	40	37	- 1	W	4	o	3	46	35	0.20	
Dungeness	29.43	40	WNW	6	ng	29.02	- 4.9	39	39	+ 1	WSW	5	n	4	45	38	0.68	
London	29.34	40	S	4	cu	29.02	- 4.8	34	33	- 1	S	1	b	•	43	33	0.17	
Oxford	29.24	36	SW	4	n	29.01	- 4.7	33	33	- 2	WSW	1	bm	•	42	33	0.14	
Cambridge	29.24	37	SSW	2	n	29.01	- 4.3	34	34	- 1	SW	1	o	•	42	32	0.25	
Yarmouth	29.32	39	SSW	4	0	28.98	- 4.4	35	34	+ 1	SW	3	cf	3	38	33	0.04	
The Helder	29.36	37	SSW	5	c	29.11	- 2.8	38	38	0	S	5	n	3	39	36	0.12	
Cape Gris Nez																		
Jersey	29.47	43	WSW	5	bc	29.09	- 5.6	38	37	- 5	NW	4	og	3	46	37	0.19	
Brest	29.54	41	WSW	7	0	29.19	- 5.4	38	37	- 7	WNW	7	n	5	48	34	0.20	
Lorient	29.62	46	N	7	bc	29.22	- 5.4	43	42	- 3	NW	8	n	6	48	37	0.08	
Rochefort	29.80	47	W	4	b	29.39	- 5.0	49	46	+ 3	W	8	nl	5	50	?	-	
Biarritz	29.89	50	WSW	7	0	29.53	- 4.5	50	47	+ 7	SSW	7	o	7	50	41	0.16	
Corunna																		
Brussels																		
Charleville						29.10	- 4.9	36	?	+ 1	S	5	c	•	40	?	0.04	
Paris	29.66	35	N	4	0	29.29	- 3.3	37	36	+ 5	?	8	o	•	38	31	0.16	
Lyons	29.66	45	S	3	b	29.19	- 5.4	44	42	+ 6	SSE	4	n	•	•	•	0.04	
Toulon	29.87	32	WNW	1	c	29.59	- 4.0	29	28	+ 7	S	3	c	•	35	?	-	
	29.70	37	WNW	7	b	29.60	- 1.3	41	39	+ 2	WNW	5	b	4	46	34	-	

## 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).  
 § Received too late for insertion in Charts.

*Printed by the Meteorological Office, London.*



# WEATHER CHARTS

for 8 a.m. on Monday, 18<sup>th</sup> January, 1886.

## 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.

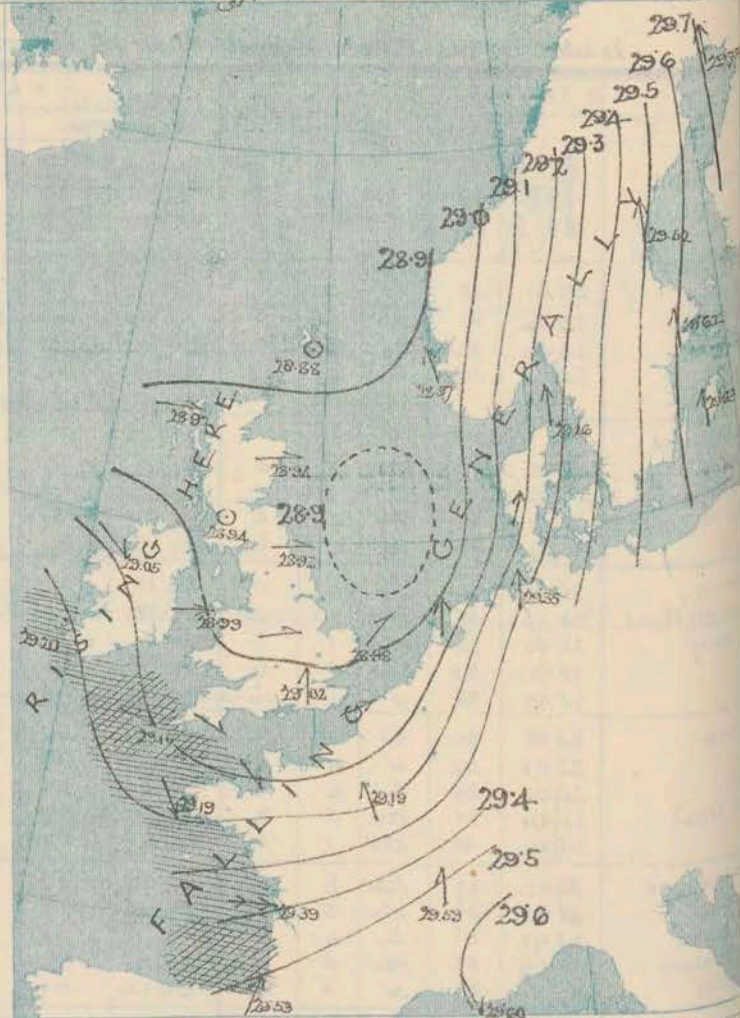
**Sea Disturbance** — where considerable is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.739
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.823
Holyhead	29.876
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.976
Yarmouth	29.964



## 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 January

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m. Dry	Wet	
Sumburgh Head	48.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.5	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.0	37.0	39.6	38.4	2.58
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.0	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Monday 18<sup>th</sup> January

1886 at 8 a.m.

Barometrical pressure is still lowest to the northward of our Islands, but some subsidiary depressions are lying over the North Sea, and the barometer is falling at all but our western and northern stations, where a rise has set in during the night. Readings are below 29.0 inches over the whole of Scotland as well as in the north and east of England. Fresh or strong S<sup>W</sup> breezes prevail in Sweden and Denmark and SW<sup>W</sup> breezes in the south-east of England but on our western and northern coasts the wind has veered to W. or NW. The weather is fair at many of our northern and eastern stations, but cloudy elsewhere, with snow at Malin Head and Rock Point, rain in the west and north of France and thunder at Rochefort. In the course of the past twenty-four hours hail or sleet have fallen in most parts of the Kingdom. Temperature has risen at the Continental stations, but fallen elsewhere—quickly in the north; readings now range from 40° at Scilly and Hurst Castle to 20° at Wick and Kaine. Sharp frost occurred in Scotland last night; at Kaine and Aberdeen the thermometer fell to 19° and at Wick to 18°. The sea is high at Scilly and Biarritz and rather rough in the Bay of Biscay generally as well as at Valence.

The brisk fall of the barometer which is in progress over France seems to indicate an approaching change in the distribution of pressure but cold changeable weather will probably continue for a time.

## FORECASTS

for the 24 hours ending at NOON on 19<sup>th</sup> January 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	W <sup>W</sup> and NW <sup>W</sup> winds, light or moderate, fair generally, but perhaps some snow showers.	6 SCOTLAND WEST	Same as No. 0.
1 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	W <sup>W</sup> and NW <sup>W</sup> winds, fresh or strong; changeable, some showers
2 ENGLAND N.E.	Same as No. 5	8 ENGLAND S.W.	-----D°-----D°-----D°-----
3 ENGLAND EAST	Same as No. 5	9 IRELAND NORTH	NW <sup>W</sup> winds, strong; squally, some cold showers.
4 MIDLAND COUNTIES	Same as No. 5	10 IRELAND SOUTH	-----D°-----D°-----D°-----
5 ENGLAND SOUTH	SW <sup>W</sup> and W <sup>W</sup> winds, moderate, fair generally, but some sleet showers.	WARNINGS	
		The warning signals have been lowered in districts 0 to 3, 5 and 6, but the south cone is still flying in districts 7 to 10.	



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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	30.93	39	37	S	9	orshy	7	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort	30.25	53	47	W	5
Belmullet							*						2

## REMARKS.

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

#### AND THEIR NEIGHBOURHOOD.

FROM THE 10<sup>TH</sup> TO THE 16<sup>TH</sup> JANUARY 1886.

The weather during this week has been of a most changeable character. The dominant pressure-distribution have been cyclonic and the general type westerly; some large depressions have passed from west to east by our extreme northern coasts, while elongated subsidiary disturbances have travelled across the Islands in a similar direction. Thus S.W. winds, rain and comparatively mild weather have alternated with N.W. and N.E. winds, snow, sleet and frost—the change from one to the other being sudden and frequent.

Towards the close of the week (pressure being highest over France) a very extensive depression appeared in the north causing S.W. to W. winds over the United Kingdom. The weather at first was mild and showery with bright intervals, but as the barometer continued to fall and the anticyclone moved westwards towards the Bay of Biscay, the thermometer fell generally and decidedly without much change of wind. Showers of snow were again experienced in many places and squalls of considerable severity prevailed from time to time.



# DAILY WEATHER REPORT

for *Tuesday* 19<sup>th</sup> January 1886.

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.		
			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	29.79	24	S	4	C	30.02	+ 29	27	27	0	S	2	0	*	28	-4	-	
Hernösand	29.76	33	S	4	O	29.95	+ 43	32	32	0	SE	4	0	*	36	28	-	
Stockholm	29.77	33	E	2	O	29.72	+ 10	32	32	0	E	4	8	*	36	30	-	
Wishy	29.66	32	SSE	3	O	29.60	- 03	32	31	- 2	SE	6	5	*	36	30	0.04	
Bodo	29.46	30	SSE	2	C	29.67	+ 37	31	29	- 2	SE	4	0	2	36	28	-	
Christiansund	29.22	40	SE	3	O	29.47	+ 41	38	32	+ 3	SE	5	0	3	?	32	-	
Skadesnaes	29.01	39	SSE	8	A	29.32	+ 35	34	34	0	SSE	6	0	5	39	?	0.39	
Oxö (Xtiansund)	29.21	36	SE	5	O	29.40	+ 35	35	33	0	SSE	8	0	6	34	34	0.24	
Skagen (The Skaw)	29.33	35	SSE	6	O	29.43	+ 17	34	33	0	SE	5	0	3	?	34	0.16	
Faño	29.14	32	SSE	6	C	29.19	- 00	30	30	- 3	SSE	6	5	*	34	30	0.71	
Cuxhaven	29.22	35	SE	5	S	29.21	- 14	36	35	0	SE	2	60	*	37	33	0.08	
Sumburgh Head	29.00	31	N	3	O	28.98	+ 10	38	36	+ 8	E	4	0	4	38	26	0.24	
Stornoway	28.90	33	S	5	S	29.33	+ 41	35	35	+ 8	WNW	3	60	2	35	24	0.08	
Wick	28.95	14	Z	0	C	29.05	+ 12	34	34	+ 14	NW	5	25	2	34	8	0.03	
Nairn	29.01	21	Z	0	C	29.26	+ 32	25	23	+ 5	SW	2	0	1	28	12	-	
Aberdeen	29.01	28	WNW	1	C	29.22	+ 28	26	24	+ 5	W	3	0	1	33	17	-	
Leith	29.07	26	WNW	1	C	29.27	+ 35	22	22	- 7	NW	1	0	*	30	12	-	
Shields	29.05	28	W	2	C	29.27	+ 35	24	24	- 6	WSW	2	0	2	34	22	-	
Spurn Head	29.07	32	WNW	3	C	29.26	+ 35	28	28	- 5	W	3	0	2	36	27	-	
York	29.08	30	WNW	1	C	29.24	+ 33	18	18	- 14	WNW	1	0	*	35	16	-	
Loughborough	29.11	32	W	2	C	29.27	+ 28	24	24	- 7	SE	1	0	*	29	24	-	
Androssan	29.07	28	NE	1	C	29.31	+ 37	26	25	- 2	Z	0	0	5	35	24	0.04	
Malin Head	29.08	37	NW	3	Nhp	29.40	+ 39	38	33	+ 2	NNE	4	0	5	39	30	0.06	
Mallaghmore	29.16	37	WNW	6	ogrsp	29.44	+ 39	39	37	+ 7	N	4	0	6	40	32	0.20	
Belmullet	29.24	39	NW	6	ogrsp	29.47	+ 35	41	37	+ 7	N	9	0	*	42	31	0.22	
Donaghadee	29.13	30	W	2	C	29.21	+ 24	32	33	+ 3	E	4	0	2	36	29	0.03	
Barrow-in-Furness	29.08	32	WNW	2	C	29.21	+ 28	30	30	- 4	NE	2	0	*	35	27	0.08	
Liverpool (Bidston)	29.12	32	NW	2	C	29.22	+ 25	29	28	- 4	SSE	2	0	3	35	29	0.49	
Holyhead	29.14	37	WNW	4	C	29.17	+ 18	37	36	+ 3	SSW	1	0	2	38	30	0.02	
Parsonstown	29.23	32	W	2	S	29.32	+ 22	36	33	+ 10	WNW	3	0	*	37	25	0.12	
Valencia	29.30	37	SW	6	og/ph	29.49	+ 29	42	38	+ 4	N	6	0	6	43	33	0.29	
Roche's Point	29.29	34	WNW	5	C	29.30	+ 21	39	37	+ 7	NW	6	0	4	40	32	0.05	
Pembroke	29.20	37	NW	5	C	29.25	+ 22	39	37	+ 1	WNW	5	0	5	40	35	0.04	
Seilly	29.28	42	WNW	7	C	29.35	+ 25	41	37	+ 1	NW	5	0	6	42	37	0.01	
Prawle Point	29.26	33	NW	3	C	29.35	+ 29	30	28	- 5	WNW	1	0	3	40	28	0.04	
Hurst Castle	29.17	33	WNW	3	C	29.34	+ 31	29	28	- 11	W	2	0	1	44	27	-	
Dungeness	29.10	35	N	3	C	29.31	+ 29	26	26	- 13	WNW	1	0	1	45	25	-	
London	29.15	34	NW	1	C	29.32	+ 30	26	26	- 8	Z	0	0	*	37	26	-	
Oxford	29.20	32	W	2	C	29.30	+ 29	30	29	- 3	SW	1	0	*	39	27	-	
Cambridge	29.14	32	NW	1	C	29.32	+ 31	24	?	- 10	Z	0	0	*	38	14	-	
Yarmouth	29.08	33	WNW	1	C	29.30	+ 32	27	26	- 8	W	2	0	3	35	25	-	
The Helder	29.07	37	W	1	C	29.26	+ 15	37	36	- 1	WNW	3	0	2	39	36	0.12	
Cape Gris Nez	29.14	37	N	5	O	29.32	+ 32	32	32	-	N	1	0	1	41	32	-	
Jersey	29.22	33	WNW	3	C	29.35	+ 26	35	34	- 3	WSW	3	0	3	41	33	0.27	
Brest	29.32	42	N	7	C	29.39	+ 20	37	34	- 1	NE	4	0	5	?	32	0.20	
Lorient	29.32	42	NW	7	C	29.40	+ 18	39	36	- 4	WNW	4	0	2	45	30	0.16	
Rochefort	29.41	44	W	8	O	29.45	+ 06	38	36	- 11	WSW	5	0	3	50	?	0.20	
Biarritz	29.56	41	WSW	7	C	29.47	- 06	39	37	- 11	SSW	8	0	7	?	37	0.71	
Cornuana	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
Brussels	*	*	*	*	*	29.33	+ 23	32	31	- 4	WSW	3	0	*	41	31	0.32	
Charleville	*	*	*	*	*	29.36	+ 02	28	27	- 9	NE	1	0	*	?	?	0.67	
Paris	29.16	40	SW	4	O	29.41	+ 22	33	32	- 11	S	4	0	*	*	*	0.08	
Lyons	29.36	38	S	5	O	29.40	- 19	32	30	+ 3	WNW	3	0	*	?	?	-	
Toulon	29.46	44	Z	0	C	29.38	- 22	38	31	- 2	NW	5	0	4	50	34	0.16	

## 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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# WEATHER

# CHARTS

for 8 a.m. on *Tuesday, 19<sup>th</sup> January*

1886.

## 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 —

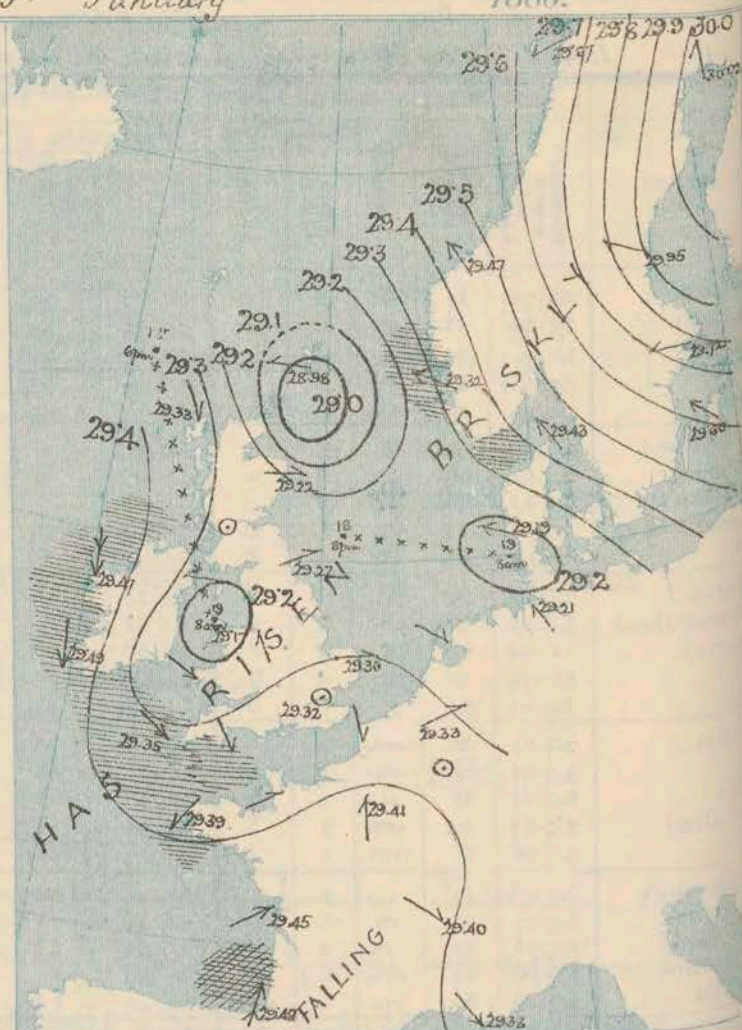
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 →→ = forces 5 to 7; →→ = forces 1 to 4;  
 ○ = dead calm.

**Sea Disturbance** — where considerable, is shown thus  
 [Hatched] = Rough. [Cross-hatched] = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
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Leith	29.819
Shields	29.867
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Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
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LONDON	29.987
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## 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 January

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.08
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.07
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.8	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.4	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	43.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.83
Pembroke	46.1	40.3	42.8	41.3	3.92
Seilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.30
Oxford	43.9	34.6	37.6	36.6	2.33
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Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1865—85.





# REMARKS.

for Tuesday 19<sup>th</sup> January

1886 at 8 a.m.

The distribution of pressure over our Islands this morning is very complex. Readings as high as 30 inches are reported from the north of Sweden, while those in the west of Scotland are about 29.5 inches. Over Great Britain and the North Sea, however, pressure is low generally, and three distinct depressions are observed - one over the north-east of Scotland, another near Holyhead, and a third near Holstein. Thus, while strong N<sup>W</sup> winds are prevailing over Ireland, E<sup>3</sup> and SE<sup>3</sup> breezes are felt on the eastern shores of the North Sea, but over Great Britain, the Netherlands and north-east of France the wind is very light and variable. Temperature has fallen fast, and is now as low as 18° at York, 22° at Lüth and 26° in London, while in the west of Ireland it is as 42°. York is 13° colder than Bodo (within the Arctic Circle). During last night the thermometer fell to 8° at Wick, 12° at Kilm and Lüth, 14° at Cambridge and 16° at York. The weather is fair at present at our eastern and southern stations, squally and rough in the west and north, with cold rain and snow in several places. Thunderstorms are reported in the west of France. The sea is rough in the extreme west and south-west, slight or smooth elsewhere.

N<sup>W</sup> winds appear likely to become general over the United Kingdom, with heavy falls of snow in many places.

# FORECASTS

for the 24 hours ending at NOON on 20<sup>th</sup> January. 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	NW <sup>2</sup> and N <sup>2</sup> winds, strong; squally with snow.	6 SCOTLAND WEST	Strong N <sup>W</sup> winds, with snow squalls; becoming finer at night, but with hard frost.
2 SCOTLAND EAST	--- D° --- D° --- D° ---	7 ENGLAND N.W.	--- D° --- D° --- D° ---
3 ENGLAND N.E.	W <sup>2</sup> to N <sup>2</sup> and NE <sup>2</sup> winds, cold with snow at times.	8 ENGLAND S.W.	--- D° --- D° --- D° ---
4 ENGLAND EAST	--- D° --- D° --- D° ---	9 IRELAND NORTH	--- D° --- D° --- D° ---
5 MIDLAND COUNTIES	Same as N°5	10 IRELAND SOUTH	--- D° --- D° --- D° ---
6 ENGLAND SOUTH	Variable winds, finally becoming NE <sup>2</sup> , with snow; very cold at night.	WARNINGS	NONE ISSUED.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	28.98	35	34	E	6	5	Holyhead	29.06	34	36	nnw	4	bc	3
Sumburgh Head	28.98	31	27	N	1	6	Valencia	29.32	39	39	nw	4	chsp	4
Stornoway	28.92	33	33	sw	5	cg	Scilly	29.19	41	36	nnw	8	c	7
Aberdeen	28.96	32	30	nw	3	6	Dungeness	29.04	38	37	n	3	o	2
Shields	28.98	34	32	w	3	c	London	29.06	38	35	w	2	c	*
Ardrossan	29.02	34	32	nw	1	6	Yarmouth	29.01	35	34	nw	2	bc	3
Malin Head	29.04	33	32	w	3	c	Jersey	29.13	35	35	nw	4	c	3
Mullaghmore	29.12	35	34	nnw	5	chsp	Roche fort	29.38	43	41	nnw	9	n	4
Belmullet	29.18	37	34	nw	6	chsp								

## REMARKS.

The barometer is now rising in most places and the wind has veered to the NW<sup>d</sup> at all stations except Stornoway where it has backed to SW. At Scilly a fresh NNW. gale is reported. The weather remains fair in north and east, but snow showers are falling at Belmullet and hail at Valencia and Scilly. The sea high at Scilly, moderate to smooth elsewhere.

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

Haparanda  
Hernösand  
Stockholm  
Wisby  
Bodo  
Christians  
Skudesnae  
Oxö (Xtians)  
Skagen (Th)  
Faro  
Cuxhaven  
Sumburgh  
Stornoway  
Wick  
Nairn  
Aberdeen.  
Leith  
Shields  
Spurn Head  
York  
Loughboro  
Ardrossan  
Malin Head  
Mullaghmore  
Belmullet  
Donaghadee  
Barrow-in-  
Liverpool  
Holyhead  
Parsonstown  
Valencia  
Roche's Po  
Pembroke  
Scilly  
Prawle Po  
Hurst Cast  
Dungeness  
London  
Oxford  
Cambridge  
Yarmouth  
The Helde  
Cape Gris  
Jersey  
Brest  
Lorient  
Roche fort  
Biarritz  
Corunna  
Brussels  
Charleville  
Paris  
Lyons  
Toulon  
WEAT  
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AN  
The  
Norway, and  
The



# DAILY WEATHER REPORT

for Wednesday 20<sup>th</sup> January. 1886.

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 8 p.m. 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 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	30.13	24	Z	0	0		30.02	.00	27	27	0	S	2	0	*		28	14	—
Hernösand	29.90	31	NE	2	S		29.56	-.39	31	30	-1	Z	0	0	*		36	28	0.12
Stockholm	29.74	33	E	2	S		29.56	-.16	30	30	-2	E	4	S	*		36	30	0.24
Wisby																			
Bodö	29.88	31	ENE	2	b		29.87	+.20	31	28	0	ENE	4	0	2		32	28	—
Christiansund	29.60	35	SE	2	b		29.74	+.27	31	30	-7	Z	0	b	2		38	28	—
Skudesnaes	29.54	39	ESE	6	0		29.74	+.42	36	32	-1	ENE	2	0	3		39	?	—
(Ox) (Christiansund)	29.54	36	ENE	6	0		29.71	+.31	34	32	-1	NNE	6	0	4		34	34	0.12
Skagen (The Skaw)	29.56	35	SE	2	0		29.67	+.24	35	34	+	ESE	2	0	1		36	34	0.04
Faro	29.50	30	S	2	c		29.56	+.37	30	30	0	S	4	0	*		32	25	—
Coxhaven	29.44	34	S	1	c		29.54	+.33	32	32	-6	NE	4	f	*		?	31	—
Sumburgh Head	29.43	36	E	7	r		29.74	+.76	39	36	+	E	3	bc	5		40	34	0.05
Stornoway	29.31	38	N	8	0		29.69	+.36	40	39	+	NE	7	cq	5		40	32	0.35
Wick	29.27	38	E	5	0		29.70	+.65	37	35	+	NE	1	bc	6		38	32	0.35
Nairn	29.22	35	NE	3	r		29.63	+.37	32	30	+	SSE	1	b	2		35	23	0.29
Aberdeen	29.24	28	Z	0	b		29.65	+.43	29	28	+	W	1	om	1		37	24	0.07
Leith	29.24	31	W	2	bc		29.60	+.31	28	28	+	W	1	bcf	*		30	17	0.02
Shields	29.32	29	WSW	2	b		29.59	+.32	25	25	+	NW	2	f	2		32	22	—
Spurn Head	29.36	35	WSW	1	c		29.54	+.28	35	35	+	E	3	b	2		35	28	—
York	29.27	27	N	1	b		29.57	+.30	20	40	+	N	1	b	*		32	16	—
Loughborough	29.38	30	S	1	f		29.53	+.26	30	30	+	ESE	2	og	*		33	24	0.01
Ardrrossan	29.22	38	W	3	c		29.61	+.30	29	29	+	ENE	2	cm	1		38	24	0.14
Malin Head	29.20	38	NNW	7	r		29.65	+.35	37	35	-1	ENE	3	0	3		42	34	0.04
Mullaghmore	29.49	40	N	6	0		29.57	+.13	37	36	-2	ENE	5	cm	4		42	35	0.16
Belmullet	29.62	41	N	10	0		29.59	+.12	39	37	-2	ENE	5	bc	5		43	36	0.38
Donaghadee	29.27	33	N	1	s		29.58	+.37	34	31	+	ESE	2	b	0		39	32	0.23
Barrow-in-Furness	29.35	30	NE	2	bc		29.53	+.32	29	28	-1	NE	2	c	*		30	25	—
Liverpool (Bidston)	29.38	32	NE	1	f		29.60	+.31	26	25	-3	E	2	f	2		34	25	—
Holyhead	29.39	37	NNE	2	bc		29.48	+.31	31	31	-6	ENE	5	bmig	3		40	27	0.11
Parsonstown	29.55	31	NNW	1	bc		29.51	+.19	35	34	-1	NNE	1	0	*		37	30	0.19
Valencia	29.65	40	N	7	c		29.49	.00	42	39	0	N	6	c	5		45	37	0.32
Roche's Point	29.52	37	N	6	bc		29.37	+.07	38	37	-1	N	6	0	4		42	36	0.03
Pembroke	29.36	35	NE	3	bc		29.34	+.09	35	35	-4	ESE	5	s	5		40	32	0.58
Seilly	29.26	42	NNW	9	0		29.27	-.08	40	39	-1	NNW	6	ohg	6		44	37	0.24
Prawle Point	29.25	36	SE	4	0		29.35	.00	34	34	+	SSE	2	osp	3		40	28	0.33
Hurst Castle	29.34	36	SE	2	b		29.43	+.09	34	33	+	SE	3	bc	1		42	28	0.04
Dungeness	29.35	39	Z	0	bc		29.50	+.19	32	31	+	SSE	3	0	1		41	25	—
London	29.51	27	SW	1	bf		29.51	+.19	27	26	+	E	1	bf	*		36	25	—
Oxford	29.40	30	Z	0	bc		29.50	+.20	30	29	0	E	1	b	*		36	23	0.03
Cambridge	29.40	28	SW	1	s		29.34	+.22	26	26	+	Z	0	b	*		27	23	?
Yarmouth	29.29	32	Z	0	b		29.51	+.21	33	30	+	E	2	b	2		33	25	—
The Helder	29.45	30	WSW	1	b		29.53	+.27	33	30	-4	NE	1	c	1		37	28	—
Cape Gris Nez																			
Jersey	29.32	36	SSE	3	0		29.39	+.04	36	34	+	SSE	3	omg	3		42	34	0.01
Brest	29.33	43	NNW	7	0		29.39	.00	39	36	+	Z	0	r	5		43	34	0.35
Lorient	29.33	42	NNW	5	0		29.42	+.02	34	34	-5	ENE	3	0	3		46	30	0.20
Rochefort	29.48	39	S	4	0		29.42	-.03	35	35	-3	SE	7	m	2		46	30	0.08
Biarritz	29.44	42	SSW	8	r		29.45	-.02	41	41	+	SW	8	r	7		45	36	0.78
Cornuna	*	*	*	*	*		29.84	.00	45	41	+	NNW	9	c	8		57	41	0.04
Brussels	*	*	*	*	*		29.47	+.44	28	28	-4	WSW	1	0	*		44	24	0.12
Charleville	29.39	27	W	4	0		29.45	+.14	14	14	-14	NNW	4	bc	*		30	12	—
Paris	29.48	33	W	4	0		29.50	+.09	30	29	-3	NW	4	0	*		*	*	—
Lyons	29.47	30	NNW	3	0		29.47	+.07	24	22	-8	NNW	1	bc	*		36	23	—
Toulon	29.34	37	NNW	7	b		29.38	.00	32	27	-6	NNW	5	bc	5		43	30	—

## 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 H. K. D. at the London



# WEATHER CHARTS

for 8 a.m. on WEDNESDAY 20<sup>th</sup> January

1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

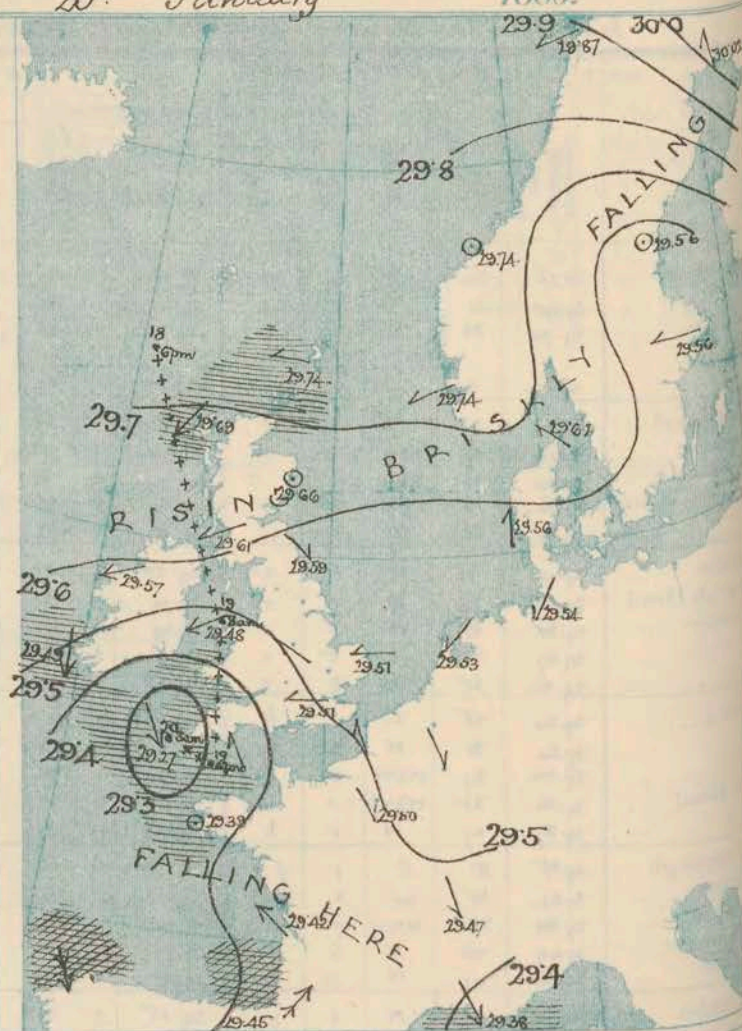
**Barometer** — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 ——— = forces above 10; ——— = forces 8 to 10;  
 ——— = forces 5 to 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 January.  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.887
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.888
Pembroke	29.913
Scilly	29.953
Hurst Castle.	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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 January

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	Average Dry.	Average Wet.	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.8	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	45.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.08
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle.	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.2	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85





# REMARKS.

For Wednesday 20<sup>th</sup> January 1886 at 8 a.m.

The depressions noticed yesterday over the North Sea and the northeast of Scotland have dispersed and the distribution of pressure has become somewhat less complicated. A well defined disturbance lies, however, off the Cornish coasts, and a new depression is apparently being formed over the Baltic, so that while the barometer is rising on our north and east coasts, a slight fall is reported in the southwest of our Islands and a brisk fall in the south of Sweden. The wind is E<sup>ly</sup> or NE<sup>ly</sup> on our northern coasts and N in the south of Ireland, but in the Channel it is chiefly SE<sup>ly</sup>, while in the east of France moderate NW breezes are reported. In the south of Ireland the N<sup>ly</sup> wind blows strongly. Snow or hail showers are falling in the southwest of England, but elsewhere the weather is generally fair. A good deal of cloud, however, is reported locally, and fog or mist prevails in many parts of Great Britain. Snow fell yesterday at several of our stations, the amounts in the west and north being rather heavy. Temperature has fallen a little in France and the west of our Islands but risen elsewhere; reading now range from 42° at Valencia to 20° at York. Sharp frost occurred last night in many parts of the Kingdom, the lowest reading being 16° at York, 17° at Leith and 22° at Shields. The sea is rough on our southwest coasts and also off the north of Scotland, but moderate to smooth elsewhere.

No important change in the weather is indicated at present. The depression in the southwest will probably disperse and E<sup>ly</sup> or NE<sup>ly</sup> winds are likely to become general.

## ATLANTIC TELEGRAM

The Chief Signal Officer at Washington U.S. reports that on the 17<sup>th</sup> inst a strong gale from E was experienced in Lat: 41° N, Long: 67° W, the barometer at 6 pm falling to a minimum of 29.4 ins.

# FORECASTS

For the 24 hours ending at NOON on 21<sup>st</sup> January 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	NE <sup>ly</sup> and E <sup>ly</sup> breezes; cold, fair as a whole.	6 SCOTLAND WEST	E <sup>ly</sup> breezes, moderate; fair.
2 SCOTLAND EAST	Very light breezes; fair cold.	7 ENGLAND N.W.	-----D°-----D°-----
3 ENGLAND N.E.	-----D°-----D°-----	8 ENGLAND S.W.	SE <sup>ly</sup> winds, fresh; some showers.
4 ENGLAND EAST	Same as N° 5.	9 IRELAND NORTH	N <sup>ly</sup> and NE <sup>ly</sup> winds, moderating; cold, fair as a whole.
5 MIDLAND COUNTIES	Same as N° 5.	10 IRELAND SOUTH	-----D°-----D°-----
6 ENGLAND SOUTH	Light E <sup>ly</sup> and SE <sup>ly</sup> breezes; cold, some fog, perhaps a little dry snow.	WARNINGS	None issued.



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

	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.40	37	34	ENE	6	0	3	Holyhead	29.32	34	34	NE	4	sq	2
Sumburgh Head	29.26	38	36	E	5	0	6	Valencia	29.62	40	39	N	6	ogph	7
Stornoway	29.27	38	37	NNW	7	ca	5	Scilly	29.29	43	41	NNW	8	oh	7
Aberdeen	29.20	38	32	SSW	2	S	1	Dungeness	29.35	39	36	W	1	bc	1
Shields	29.32	31	31	WSW	2	em	2	London	29.34	35	34	WSW	2	c	*
Ardrossan	29.35	37	36	NW	3	c	2	Yarmouth	29.38	38	31	W	2	b	3
Malin Hea.	29.44	40	37	N	4	bc	5	Jersey	29.33	41	38	SW	2	bc	3
Mullaghmore	29.50	40	38	N	6	cspq	5	Rocheport	29.52	42	39	WSW	4	c	2
Belmullet	29.57	40	37	N	10	oghp	*								

## REMARKS.

The depression which lay over the north-east of Scotland this morning appears to have moved slowly in a SW<sup>ly</sup> direction while the disturbance near Holyhead has travelled SW<sup>ly</sup> to the south-west of England. The wind has increased to a whole gale from at Belmullet, and to a fresh gale from NNW. at Scilly, but elsewhere little change is shown. Snow is falling at Aberdeen, Mullaghmore and Holyhead, and hail at Belmullet, Valencia and Scilly. The sea is high off our south-west coast, and rough in the W. and N.

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

STA
Hapara
Hernös
Stockh
Wisby
Bodö
Christi
Skudes
Åsö (x)
Siagen
Panö
Caxhav
Sumbu
Storno
Wick
Skirn
Aberde
Leith
Shields
Spurn
York
Lough
Ardros
Malin I
Mullag
Belmul
Donagh
Barrow
Liverp
Holyhe
Parson
Valenc
Roche's
Pembro
Scilly
Prawle
Hurst C
Dungen
London
Oxford
Cambr
Yarmou
The H
Cape G
Jersey
Brest
Lorient
Roche
Biarrit
Corann
Brussel
Charlev
Paris
Lyons
Toulon
WE
o. overca
Norway



# DAILY WEATHER REPORT

for Thursday 21<sup>st</sup> January 1886.

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

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. 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.		
			Direc.	Force. (0 to 12.)				Dry.	Wet.	Difference from 8 a.m. yesterday.	Direc.	Force. (0 to 12.)			Max.	Min.			
Haparanda	29.02	16	S	2	0	30.05	+ 0.3	14	14	- 13	S	2	0	*	27	14	-		
Hernösand	29.96	27	Z	0	0	29.95	+ 3.9	26	26	- 5	NE	2	0	*	34	?	0.08		
Stockholm	29.84	30	EHE	2	0	29.80	+ 2.4	30	30	0	EHE	2	0	*	34	28	0.04		
Wisby	29.71	31	NHE	2	0	29.72		30	29		E	4	0	*	32	28	-		
Bodo	29.82	26	E	2	6	29.94	+ 0.7	23	23	- 8	EHE	2	6	1	?	21	-		
Christiansund	29.88	30	Z	0	bc	29.87	+ 1.3	26	?	- 5	ESE	1	6	3	34	28	-		
Skudesnaes	29.78	33	Z	0	bc	29.73	- 0.1	30	28	- 6	NHE	1	6c	3	36	?	-		
Ås (Åstasund)	29.75	34	NHE	6	0	29.71	0.0	33	31	- 1	NE	6	0	3	34	30	-		
Åsengen (The Skaw)	29.72	33	EHE	3	0	29.67	0.0	32	30	- 3	EHE	4	0	2	36	32	-		
Fanö	29.55	33	EHE	4	S	29.52	- 0.4	33	32	+ 3	EHE	6	0	*	34	30	-		
Cuxhaven	29.47	32	E	4	S	29.46	- 0.8	32	32	0	E	2	S	*	38	30	-		
Stumburgh Head	29.83	37	NHE	2	bc	29.79	+ 0.5	39	37	0	NE	4	0	4	40	35	0.04		
Stornoway	29.82	36	ESE	2	6	29.83	+ 1.4	37	37	- 3	EHE	3	0g	2	43	33	0.03		
Wick	29.83	38	NE	1	bc	29.80	+ 1.0	38	37	+ 1	NE	1	0	1	38	32	0.03		
Nairn	29.77	32	Z	0	0	29.76	+ 1.3	37	35	+ 5	E	3	0	2	38	28	0.02		
Aberdeen	29.77	37	NE	3	02m	29.72	+ 0.7	39	35	+ 10	NE	4	0	4	40	26	0.04		
Leith	29.70	36	SE	1	0	29.64	+ 0.4	36	36	+ 8	NE	1	1	*	38	26	0.07		
Shields	29.64	38	N	2	myh	29.57	- 0.2	40	39	+ 15	NE	4	0	5	40	25	0.19		
Spurn Head	29.53	36	NHE	4	S	29.40	- 1.4	38	38	+ 3	NE	6	1g	5	38	33	0.13		
York	29.62	30	N	1	0	29.49	- 0.8	36	35	+ 16	NHE	1	m	*	36	20	0.18		
Loughborough	29.59	29	NW	1	0	29.42	- 1.1	34	33	+ 4	N	2	S	*	36	28	0.11		
Ardrossan	29.72	33	EHE	1	cfs	29.67	+ 0.6	37	36	+ 8	NE	2	0	1	37	28	-		
Malin Head	29.72	37	E	4	e	29.74	+ 0.9	40	38	+ 3	NE	4	0	4	44	36	0.01		
Mullaghmore	29.69	33	E	5	6	29.70	+ 1.3	37	37	0	EHE	5	0S	4	37	32	-		
Belmullet	29.68	34	E	3	6	29.73	+ 1.4	35	34	- 4	E	5	0	*	40	28	0.01		
Donaghadee	29.72	36	E	3	6	29.65	+ 0.7	39	38	+ 5	E	4	6c	2	39	33	0.07		
Barrow-in-Furness	29.64	31	NHE	2	bc	29.52	- 0.1	37	35	+ 8	NHE	2	0	*	37	28	-		
Liverpool (Bidston)	29.64	28	NE	1	bc	29.50	- 0.3	34	33	+ 8	N	2	0	3	34	26	0.17		
Holyhead	29.64	32	E	3	bc	29.53	+ 0.5	39	38	+ 8	NHE	2	1g	3	39	27	0.10		
Parsonstown	29.48	30	NHE	1	6	29.67	+ 1.6	25	24	- 10	Z	0	0S	*	35	19	-		
Valencia	29.62	35	NHE	4	bc	29.66	+ 1.7	34	32	- 8	EHE	3	6	3	45	30	-		
Roche's Point	29.56	35	NE	4	bc	29.61	+ 2.4	32	31	- 6	NHE	3	6m	4	41	30	-		
Pembroke	29.55	33	EHE	4	bc	29.47	+ 1.3	37	34	+ 2	N	2	6c	2	37	27	0.05		
Scilly	29.56	39	EHE	8	1	29.51	+ 2.4	38	33	- 2	NHE	4	0	5	41	35	0.16		
Prawle Point	29.45	36	ESE	6	0	29.45	+ 1.0	29	28	- 5	NHE	3	6c	3	38	25	0.36		
Hurst Castle	29.52	34	E	4	6	29.38	- 0.5	31	30	- 3	NHE	3	S	1	40	25	0.02		
Dungeness	29.51	32	NE	3	bc	29.29	- 2.1	32	32	0	NW	2	S	1	40	28	0.03		
London	29.54	33	NE	3	6m	29.35	- 1.6	33	32	+ 6	NE	1	S	*	34	27	0.12		
Oxford	29.55	26	NHE	1	f	29.37	- 1.3	33	33	+ 3	NHE	1	0sg	*	33	24	0.06		
Cambridge	29.53	32	N	1	0	29.36	- 1.8	33	33	+ 7	N	1	0	*	36	23	?		
Yarmouth	29.48	34	NHE	3	S	29.35	- 1.6	35	34	+ 2	EHE	5	0	5	36	31	0.34		
The Helder	29.37	34	EHE	2	S	29.38	- 1.5	32	32	- 1	E	4	0	1	36	32	0.28		
Cape Gris Nez																			
Jersey	29.42	34	ESE	4	0g	29.42	+ 0.3	34	33	- 2	NHE	1	0	1	36	27	-		
Brest	29.26	38	E	3	1	29.45	+ 0.6	28	28	- 11	E	3	6	3	41	28	-		
Lorient																			
Rochefort	29.26	40	ESE	5	1	29.45	+ 0.3	29	28	- 5	NE	5	6	3	45	25	0.43		
Biarritz	29.50	37	SSE	5	0	29.33	- 0.9	36	36	+ 1	NHE	1	0	2	43	28	0.35		
Coronna	29.52	44	E	3	1	29.43	- 0.2	43	37	+ 2	S	8	6c	5	43	36	0.28		
Brussels	*	*	*	*	*														
Charleville	*	*	*	*	*	29.35	- 1.2	29	29	+ 1	SSW	3	S	*	38	28	0.28		
Paris	29.41	30	SW	5	0	29.43	- 0.2	28	26	- 14	W	5	0	*	32	?	0.12		
Lyons	29.56	29	NHE	4	0	29.46	- 0.4	28	26	- 2	SSE	4	0	*	*	*	-		
Toulon	29.54	27	EHE	1	6	29.51	+ 0.4	21	20	- 3	ESE	1	0S	*	34	19	-		
	29.42	37	NW	3	bc	29.59	+ 2.1	33	28	+ 1	NW	3	6c	2	48	30	-		

## 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. mist; n. 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 Thursday, 21<sup>st</sup> January 1886.

## BAROMETER, WIND & SEA.

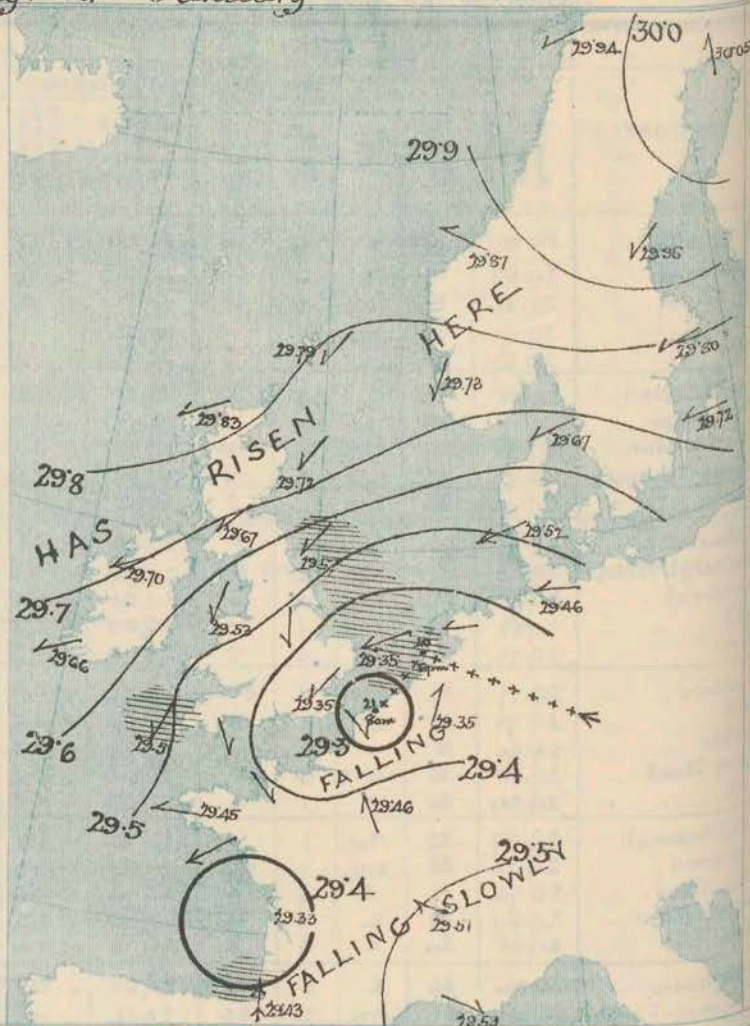
(Explanation of Map)

**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  
 [Hatched] = Rough. [Cross-hatched] = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.607
Nairn	29.729
Aberdeen	29.768
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.908
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.967
Oxford	29.974
Cambridge	29.975
Yarmouth	29.984



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

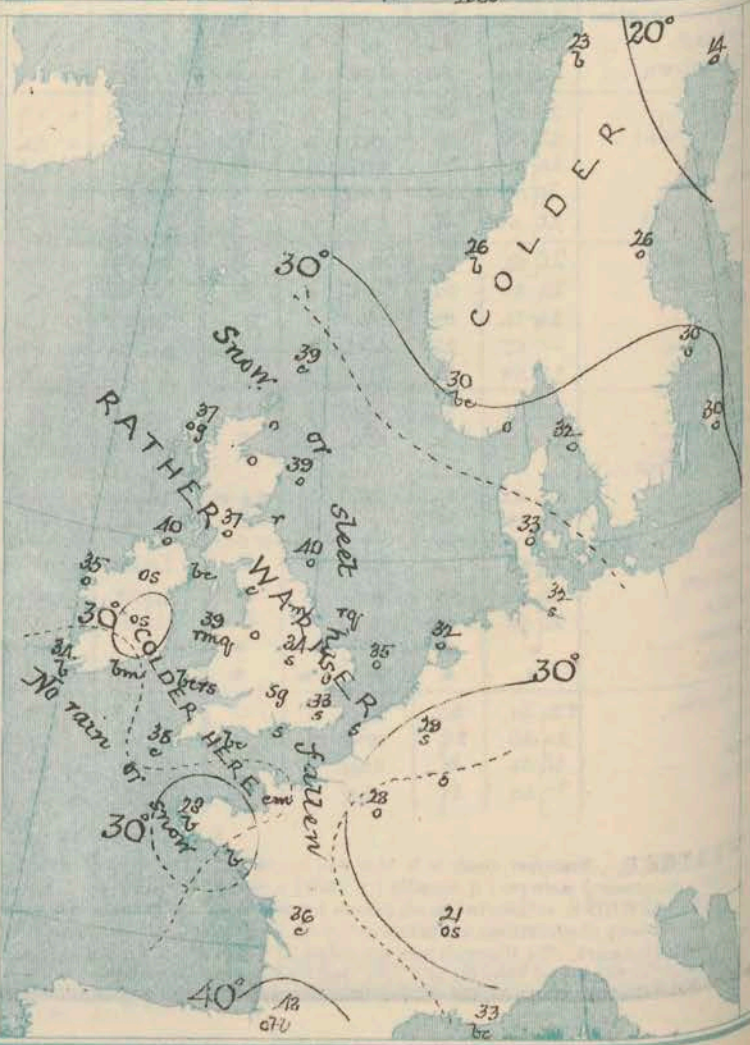
**Temperature**—Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather**—is shown by letters of the Beaufort Scale.  
**Rainfall**—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are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

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January

STATIONS.	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min	Avg Day	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	35.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.8	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.8	35.1	37.8	36.6	1.70
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.59
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	2.49
Liverpool	44.4	35.8	38.9	37.3	2.28
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.9	41.3	3.92
Scilly	40.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

Note—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85





for Thursday 21<sup>st</sup> JANUARY.

The depression which lay over the south-west of England yesterday has disappeared, but a new and well defined disturbance has advanced from the Netherlands to our south-east coast; so that while the barometer has risen in the west and north a new fall has set in over the southern and eastern districts. Variable breezes ~~are~~ reported at the French stations, and light N.W.<sup>ly</sup> breezes over the Channel, but elsewhere the wind is moderate or fresh from the N.E.<sup>nd</sup>. The weather is fine in the west of Norway and also in the south of Ireland, but cloudy or overcast elsewhere, with snow at many of the English and Irish stations and rain at Louth, Spurn Head, and Holyhead. In the course of the past twenty-four hours snow or sleet has fallen in many parts of the Kingdom. Drizzle hail was seen last night at Oxford and in London. Temperature has fallen at our south-western stations, but <sup>risen</sup> several degrees elsewhere; readings now range from 40° at Malin Head to 29° at Rawley Point. Frost occurred last night in most places; at Parsonstown the thermometer fell to 19°. The sea is rather rough off the east of England and also at Scilly, moderate to smooth elsewhere.

The depression in the south east will probably move slowly southwestward, and in it a gradual improvement in the weather is likely over our south-eastern countries.

for the 24 hours ending at NOON on 22<sup>nd</sup> JANUARY 1886.

DISTRICTS.

## DISTRICTS.

1) SCOTLAND  
NORTH

NE<sup>ly</sup> and N<sup>ly</sup> winds, moderate or fresh; fair generally.

SCOTLAND  
EAST

D<sup>a</sup> D<sup>o</sup> D<sup>e</sup>

2 (ENGLAND  
N.E

NE<sup>3</sup>/<sub>4</sub> winds, fresh or strong; some rain or sleet at first then fair.

3 { ENGLAND  
EAST

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

4 { MIDLAND  
COUNTIES

Same as № 5

5 { ENGLAND  
SOUTH

N<sup>ly</sup> to NE<sup>ly</sup> winds, moderate;  
some sleet at first then fair.

6 { SCOTLAND  
WEST

NE<sup>3</sup> winds, moderate;  
cloudy, some sleet.

7 { ENGLAND  
N. W.

-----D<sup>a</sup>-----D<sup>a</sup>-----D<sup>s</sup>-----

8 { ENGLAND  
S. W

N<sup>W</sup> winds, light to fresh; unsettled,  
some snow showers.

9 { IRELAND  
NORTH

Same as  $N^{\circ}O$

2) { IRELAND  
SOUTH

Same as N° 0

## WARNINGS

None issued.



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

	Bar.	Dry.	Wet.	Wind.	Wes.	Sea.		Bar.	Dry.	Wet.	Wind.	Wes.	Sea.	
Skudesnaes	29.78	36	32	ESE	1	0	Holyhead	29.57	38	32	ESE	4	bc m/g	3
Sumburgh Head	29.81	38	35	NNE	2	6	Valencia	29.57	39	37	NE	4	bc	4
Stornoway	29.77	41	40	NE	3	6	Scilly	29.26	40	38	ESE	6	0	6
Aberdeen	29.73	37	35	NE	3	bc	Dungeness	29.50	36	35	ESE	3	bc	2
Shields	29.64	35	33	NW	2	e	London	29.53	34	33	E	2	cm	*
Ardrossan	29.69	33	33	NE	1	0	Yarmouth	29.52	36	33	NNE	3	c	2
Malin Head	29.67	37	35	E	4	m	Jersey	29.40	34	33	ESE	4	0	3
Mullaghmore	29.64	35	34	ESE	4	0	Rocheport	29.50	36	36	SE	3	0	2
Belmullet	29.65	40	37	E	3	0								

## REMARKS.

The barometer is now rising at all stations excepting Scilly and E<sup>1</sup> or NE<sup>1</sup> breezes have become general. The weather is dull at Scilly and Rocheport as well as in the north of Ireland, but fine elsewhere. The sea is rough at Scilly, moderate to smooth at our other stations.

ST.	
Haparai	
Hernosa	
Stockholm	
Wisby	
Bodo	
Christiania	
Skudesnaes	
Oxö	
Skagen	
Faro	
Cuxhaven	
Sumburg	
Stornoway	
Wick	
Nairn	
Aberdeen	
Leith	
Shields	
Spurn Head	
York	
Loughbor	
Ardrossan	
Malin Head	
Mullaghmore	
Belmullet	
Donaghadee	
Barrow-in-W	
Liverpool	
Holyhead	
Parsonstown	
Valencia	
Roche's Point	
Pembroke	
Scilly	
Prawle Point	
Hurst Castle	
Dungeness	
London	
Oxford	
Cambridge	
Yarmouth	
The Held	
Cape Gris	
Jersey	
Brest	
Lorient	
Rocheport	
Biarritz	
Corunna	
Brussels	
Charleville	
Paris	
Lyons	
Toulon	

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



# DAILY WEATHER REPORT

for \_\_\_\_\_ Friday \_\_\_\_\_ 22<sup>nd</sup> January 1886.

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.	
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.		
Haparanda	30.13	14	S	2	0	30.19	+ 14	16	16	+ 2	S	2	0	32	12	-	
Hernösand	30.08	21	Z	0	0	30.19	+ 24	20	20	- 6	N	2	0	28	18	0.04	
Stockholm	29.88	30	E	2	S	29.99	+ 19	29	29	- 1	EHE	4	8	32	28	0.08	
Wisby	29.75	32	ESE	4	0	29.80	+ 08	30	30	0	EHE	4	0	39	28	-	
Bodo	30.01	24	E	2	6	30.08	+ 14	23	21	0	EHE	2	6	?	21	-	
Christiansund	29.84	29	ESE	3	bc	29.93	+ 06	32	31	+ 6	Z	0	0	?	23	-	
Skudesnaes	29.75	31	Z	0	0	29.89	+ 16	36	32	+ 6	E	2	0	37	30	-	
Örö (Zitansund)	29.75	31	NHE	6	S	29.88	+ 17	31	30	- 2	NE	6	6	?	30	-	
Skagen (The Skaw)	29.78	33	EHE	4	0	29.82	+ 15	33	32	+ 1	E	3	0	34	32	-	
Faro	29.68	31	SSE	2	0	29.73	+ 21	31	30	- 2	N	4	0	?	28	-	
Cuxhaven	29.57	25	SE	1	f	29.72	+ 26	30	30	- 2	EHE	1	f	32	24	-	
Sumburgh Head	29.75	35	NHE	3	OTS	29.80	+ 01	37	36	- 2	SE	4	f	41	34	0.09	
Stornoway	29.80	36	N	3	cp	29.91	- 12	34	34	- 3	E	1	c	41	32	0.06	
Wick	29.76	40	NE	1	0	29.76	- 06	37	37	- 1	SE	2	0	40	32	0.06	
Nairn	29.72	36	NE	2	0	29.70	- 06	33	32	- 4	EHE	1	c	39	32	0.05	
Aberdeen...	29.69	36	N	4	0	29.72	- 00	37	36	- 2	SE	3	p	39	34	0.07	
Leith	29.66	38	NHE	2	c	29.65	+ 01	37	36	+ 1	SE	1	c	38	35	0.16	
Shields	29.57	38	NE	4	0	29.65	+ 08	35	35	- 5	E	2	nsh	40	35	0.11	
Spurn Head	29.44	37	NE	5	c	29.60	+ 20	35	33	- 3	E	5	ogph	38	33	0.05	
York	29.51	36	NHE	1	m	29.65	+ 16	32	32	- 4	EHE	1	bc	38	32	0.04	
Loughborough	29.44	35	N	3	S	29.59	+ 17	30	29	- 4	EHE	2	b	35	30	0.12	
Androssan	29.69	37	Z	0	om	29.65	+ 02	37	37	0	EHE	1	a	38	34	-	
Malin Head	29.72	39	EHE	3	0	29.63	+ 11	39	35	- 1	EHE	3	0	41	38	-	
Mullaghmore	29.70	38	EHE	5	0	29.66	+ 04	36	35	- 1	VE	1	0	39	34	-	
Belmullet	29.72	37	E	3	0	29.68	+ 05	36	35	+ 1	E	1	0	40	35	0.02	
Donaghadee	29.66	39	E	6	c	29.63	- 02	39	38	0	E	3	c	40	38	-	
Barrow-in-Furness	29.54	38	NE	2	0	29.60	+ 08	35	33	- 2	NE	1	bc	39	35	-	
Liverpool (Bidston)	29.53	35	NHE	2	0	29.59	+ 09	34	32	0	EHE	4	cf	36	34	0.02	
Holyhead	29.55	40	NHE	4	cgm	29.56	+ 03	39	37	0	NE	4	omg	41	34	0.10	
Parsonstown	29.66	35	NHW	1	bc	29.64	- 03	33	32	+ 8	Z	0	0	36	24	0.02	
Valencia	29.66	37	NHE	4	om	29.62	- 04	37	36	+ 3	NHE	3	0	40	33	-	
Roche's Point	29.59	37	N	5	bc	29.58	- 03	38	37	+ 6	NHE	4	0	39	32	-	
Pembroke	29.48	38	N	2	c	29.53	+ 06	38	36	+ 1	NE	3	og	38	35	0.01	
Seilly	29.44	43	N	5	0	29.47	- 04	43	39	+ 5	EHE	2	0	43	37	0.07	
Prawle Point	29.42	34	N	2	0	29.48	+ 03	34	33	+ 5	N	2	og	39	28	-	
Hurst Castle	29.38	31	NHW	3	S	29.49	+ 11	33	32	+ 2	NE	4	c	35	30	0.04	
Dunareness	29.32	35	SE	3	0	29.49	+ 20	33	32	+ 1	E	3	bc	38	26	0.04	
London	29.40	35	NE	2	0	29.51	+ 16	32	30	- 1	NE	2	bc	36	29	0.05	
Oxford	29.44	34	NE	3	S	29.56	+ 19	30	29	- 3	EHE	1	b	34	30	0.05	
Cambridge	29.41	33	Z	0	S	29.58	+ 22	30	29	- 3	N	1	0	35	26	?	
Yarmouth	29.39	34	EHE	4	c	29.56	+ 21	33	32	- 2	EHE	5	c	36	31	0.01	
The Helder	29.53	30	SSE	1	b	29.61	+ 23	29	28	- 3	E	4	b	32	27	-	
Cape Gris Nez...	29.35	38	NHW	3	omp	29.42	- 00	36	35	+ 2	EHE	3	om	39	33	0.05	
Jersey	29.45	42	NW	5	0	29.45	- 00	38	37	+ 10	E	1	0	42	28	0.16	
Brest	29.49	39	NW	4	b	29.45	- 00	39	37	+ 10	N	3	0	42	?	0.04	
Lorient	29.54	32	NHE	4	m	29.53	+ 20	35	34	- 1	SEW	7	m	37	25	-	
Rochefort	29.49	46	SW	7	N	29.46	+ 03	38	34	- 5	EHE	3	0	48	34	-	
Biarritz	*	*	*	*	*	29.49	+ 14	24	23	- 5	E	1	S	30	14	0.12	
Coronna	*	*	*	*	*	29.45	+ 02	28	27	0	N	5	0	31	17	-	
Brussels	29.44	23	N	1	b	29.44	- 02	28	27	0	SE	5	S	35	?	-	
Charleville	29.40	32	SE	3	0	29.51	- 00	31	28	+ 10	NW	1	bc	38	?	-	
Paris	29.45	33	SE	3	0	29.52	- 07	30	36	+ 6	E	4	0	45	32	0.16	
Lyons	29.53	43	SEW	7	0												
Toulon																	

WEATHER

**WATHER.**—*Beaufort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy)  
 forecast; 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). ‡ Received too late for insertion in Charts.

1 Arrived too late for insertion in Chart.

Frederic Damersfeld Lith London



# WEATHER CHARTS

for 8 a.m. on Friday, 22<sup>nd</sup> January, 1886.

## 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.

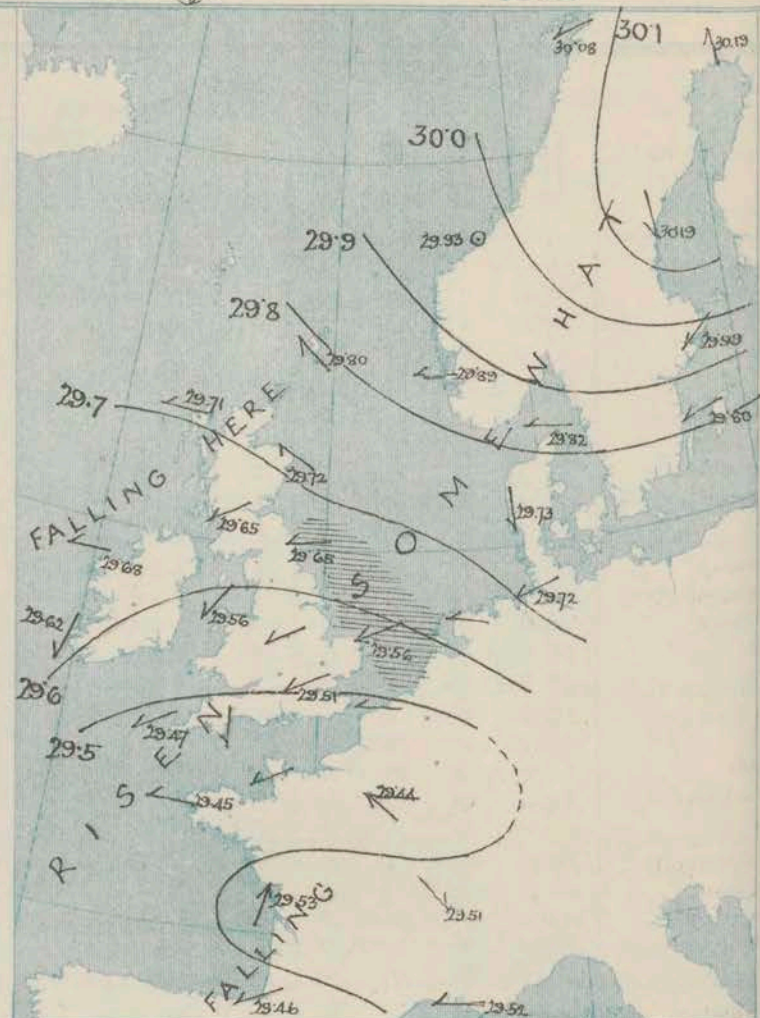
**Sea Disturbance** — where considerable, is shown thus

▨ = Rough, ▨ = High

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	ins.
Sumburgh Head	29.651
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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.

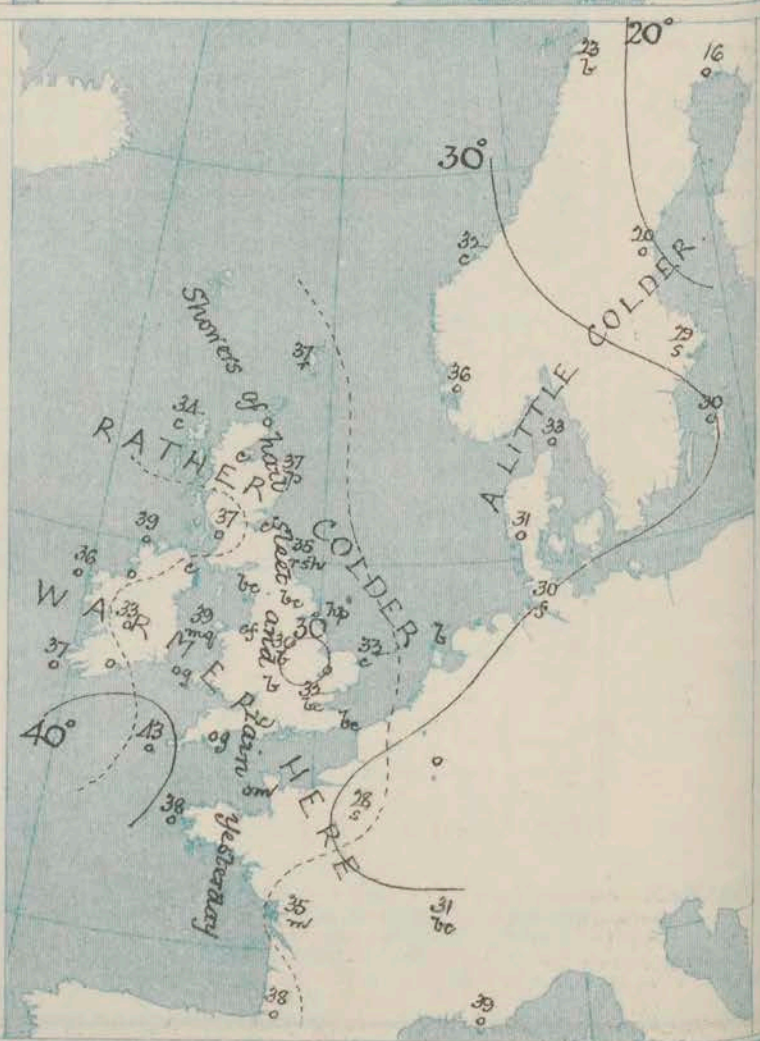
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max	Daily Min.	ALL DAY		
			Dry.	Wet.	
Sumburgh Head	43.0	35.4	39.2	38.3	3.86
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.2	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.63
Donaghadee	43.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.8	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





for Friday 22<sup>nd</sup> January 1886 at 8 a.m.

The fall of the barometer in the west and north will probably result in a freshening of the SE<sup>1</sup> winds over Ireland and Scotland.

The Chief Signal Officer at Washington U.S. reports that on the 18<sup>th</sup> Inst. a fresh gale from S.W. veering to N.W. was experienced in Lat: 43° N. Long: 60° W. the barometer at Cam. falling to a minimum of 29.3 ins. These observations appear to relate to those published in the Daily Weather Report of the 20<sup>th</sup> Inst. which would show that on the 17<sup>th</sup> and 18<sup>th</sup> Inst. a depression was advancing over the Atlantic!

for the 24 hours ending at NOON on 23<sup>rd</sup> January 1886.  
(Issued at 11 a.m. on the previous day.)

Frederic Bangertfeld, 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	29.71	35	31	NNE	2	0	5	Holyhead	29.54	40	38	NNE	5	cg	3
Sumburgh Head	29.77	39	37	NNE	3	0	4	Valencia	29.66	39	37	NNE	3	bm	3
Sternoway	29.81	40	39	NNE	4	0	3	Scilly	29.44	42	39	NW	5	C	5
Aberdeen	29.71	37	36	N	4	0	4	Dungeness	29.28	36	34	E	4	0	3.
Shields	29.56	40	39	NE	3	0	5	London	29.37	36	35	ENE	2	om	*
Ardrossan	29.68	38	36	E	1	0	0	Yarmouth	29.37	35	33	ENE	4	C	4
Malin Head	29.71	40	38	ENE	3	0	3	Jersey	29.87	34	36	NW	3	0	3
Mullaghmore	29.69	39	38	ENE	5	cm	4	Rochefort	29.45	33	32	NNE	5	m	2
Belmullet	29.72	40	38	E	4	C	*								

## REMARKS.

The changes in pressure since the morning have been slight, but the depression in the St. appears to be moving SW<sup>ly</sup>. The wind has backed to NNE. at Scilly, but elsewhere it is unchanged. The weather is fine at Valencia, but cloudy or overcast at all other stations. The sea is rather rough at Shields and Scilly, moderate or slight elsewhere.



# DAILY WEATHER REPORT

for *Saturday* — 23<sup>rd</sup> January 1886.

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

Issued by the Meteorological Office, 16, Victoria Street, London, W. 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.		Sea. (0 to 9).	SHADE TEMP.					
			Dir.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force. (0 to 12).		Max.	Min.	Amount of Rainfall.			
Haparanda	30.23	17	Z	0	0	30.25	+ 0.6	15	15	- 1	Z	0	0	*	17	12	-		
Hernösand	30.26	21	Z	0	0	30.30	+ 1.1	21	21	+ 1	Z	0	0	*	23	19	-		
Stockholm	30.04	29	NHE	8	0	30.11	+ 1.2	27	27	- 2	NHE	4	0	*	32	24	-		
Wisby	29.79	32	GSE	6	0	29.97	+ 1.7	33	32	+ 3	E	4	0	*	?	27	0.59		
Bodö	30.17	23	NHE	2	0	30.19	+ 1.1	21	19	- 2	NHE	4	0	*	23	18	-		
Christiansund	30.04	31	ESE	2	0	30.01	+ 0.8	28	27	- 4	ESE	1	0	*	34	?	-		
Skudesnaes	29.89	32	ESE	2	0	29.88	- 0.1	40	35	+ 4	ESE	6	0	3	?	32	-		
Oslo (Kristiansund)	29.82	31	NHE	0	0	29.88	+ 0.0	31	30	0	NHE	8	0	5	32	30	-		
Skagen (The Skaw)	29.50	32	NHE	4	0	29.88	+ 0.6	33	33	0	E	4	0	3	34	30	-		
Fanö	29.53	38	GHE	6	0	29.64	- 0.9	29	28	- 2	E	6	0	*	34	28	0.24		
Cuxhaven	29.50	32	NE	3	0	29.61	- 1.1	23	23	- 7	SE	5	0	*	31	22	-		
Sumburgh Head	29.92	39	SE	3	0	29.90	+ 1.0	39	37	+ 2	NE	4	0	4	40	34	0.06		
Stornoway	29.79	38	SE	4	0	29.90	+ 1.0	36	35	+ 2	E	3	0	2	39	32	-		
Wick	29.84	38	S	2	0	29.87	+ 1.3	40	38	+ 3	NE	4	0	2	40	35	0.06		
Nairn	29.83	28	SE	2	0	29.85	+ 1.5	34	33	+ 1	ESE	2	0	3	38	25	0.02		
Aberdeen	29.83	36	Z	0	0	29.78	+ 0.6	40	38	+ 3	NE	5	0	5	40	34	0.01		
Leith	29.81	37	ESE	1	0	29.72	+ 0.7	36	36	- 1	NE	2	0	*	39	32	0.05		
Shields	29.76	38	NHE	2	0	29.61	- 0.4	37	37	+ 2	NE	5	0	6	38	34	0.23		
Spurn Head	29.63	37	NHE	4	0	29.45	- 1.5	36	36	+ 1	NHE	5	0	6	38	33	0.12		
York	29.71	35	NE	1	0	29.54	- 1.1	35	35	+ 3	NHE	3	0	*	37	32	0.11		
Loughborough	29.65	33	NHE	2	0	29.50	- 0.9	34	34	+ 4	NHE	2	0	*	36	29	0.07		
Ardrossan	29.79	33	NE	3	0	29.76	+ 1.1	36	36	- 1	NHE	1	0	0	38	28	-		
Malin Head	29.73	33	SSE	3	0	29.80	+ 1.7	36	35	- 3	NE	3	0	3	41	31	0.06		
Mullaghmore	29.68	37	E	4	0	29.80	+ 1.4	31	30	- 5	NHE	2	0	2	41	28	-		
Belmullet	29.67	38	SE	2	0	29.78	+ 1.0	31	30	- 5	E	3	0	*	41	30	-		
Donaghadee	29.78	37	SE	4	0	29.74	+ 1.1	38	37	- 1	NHE	5	0	3	40	36	-		
Barrow-in-Furness	29.73	33	NE	2	0	29.61	+ 0.1	36	34	+ 1	N	3	0	*	38	32	-		
Liverpool (Badston)	29.72	31	NHE	1	0	29.61	+ 0.2	35	34	+ 1	NHE	3	0	3	36	31	-		
Holyhead	29.71	33	E	2	0	29.66	+ 1.0	38	37	- 1	NHE	5	0	3	39	28	-		
Parsonstown	29.67	35	SE	1	0	29.77	+ 1.3	19	19	- 14	Z	0	0	*	36	19	-		
Valencia	29.62	39	RSE	1	0	29.66	+ 0.4	36	34	- 1	E	4	0	4	41	34	-		
Roche's Point	29.61	37	NHE	3	0	29.69	+ 1.1	31	30	- 7	NE	3	0	3	41	30	0.06		
Pembroke	29.66	33	NHE	3	0	29.64	+ 1.1	34	32	- 4	N	1	0	1	38	27	-		
Scilly	29.55	41	NHE	1	0	29.62	+ 1.5	36	33	- 7	NHE	2	0	4	43	34	-		
Prawle Point	29.61	31	NE	3	0	29.62	+ 1.4	29	29	- 5	NHE	3	0	2	38	25	-		
Hurst Castle	29.58	34	NE	4	0	29.52	+ 0.3	31	31	- 2	NHE	3	0	2	36	28	0.02		
Dungeness	29.51	34	E	3	0	29.44	- 0.8	32	32	- 1	NW	3	0	2	35	30	0.02		
London	29.58	34	NE	3	0	29.46	- 0.5	34	33	+ 2	NW	1	0	*	35	31	0.08		
Oxford	29.65	30	NE	2	0	29.50	- 0.6	34	33	+ 4	NW	2	0	*	35	29	0.03		
Cambridge	29.62	29	N	1	0	29.44	- 1.4	33	33	+ 3	N	1	0	*	35	28	-		
Yarmouth	29.57	36	NE	5	0	29.40	- 1.6	34	34	+ 1	NE	3	0	4	36	32	0.17		
The Helder	29.48	33	NE	1	0	29.44	- 1.7	25	25	- 4	SE	1	0	1	34	25	0.12		
Cape (Gris Nez)	29.54	34	N	2	0	29.59	+ 1.7	36	34	0	NW	3	0	3	37	33	0.03		
Jersey	29.56	36	E	3	0	29.65	+ 2.0	36	?	- 2	NHE	1	0	5	39	32	-		
Brest	29.56	36	NE	4	0	29.62	+ 1.7	36	33	- 3	N	3	0	2	43	28	-		
Lorient	29.58	37	NE	5	0	29.73	+ 2.0	31	31	- 4	NHE	4	0	2	41	27	-		
Rochefort	29.60	40	S	3	0	29.69	+ 2.3	46	40	+ 8	SW	5	0	2	46	?	-		
Biarritz	*	*	*	*	*	29.57	?	44	42	- 3	SSE	5	0	6	48	34	-		
Corunna	*	*	*	*	*	29.48	- 0.1	28	28	+ 4	S	1	0	*	29	?	0.04		
Brussels	*	*	*	*	*	29.52	+ 0.7	26	25	- 2	N	4	0	*	29	25	0.16		
Charleville	29.51	28	SSE	3	0	29.63	+ 1.0	26	23	- 4	SE	4	0	*	*	*	-		
Paris	29.52	32	NW	1	0	29.68	+ 1.7	28	26	- 3	SE	1	0	*	42	23	-		
Lyons	29.45	41	E	5	0	29.57	+ 0.5	36	30	- 3	NW	7	0	5	43	34	0.55		
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).



# WEATHER CHARTS

for 8 a.m. on Saturday, 23<sup>rd</sup> January, 1886.

## 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.

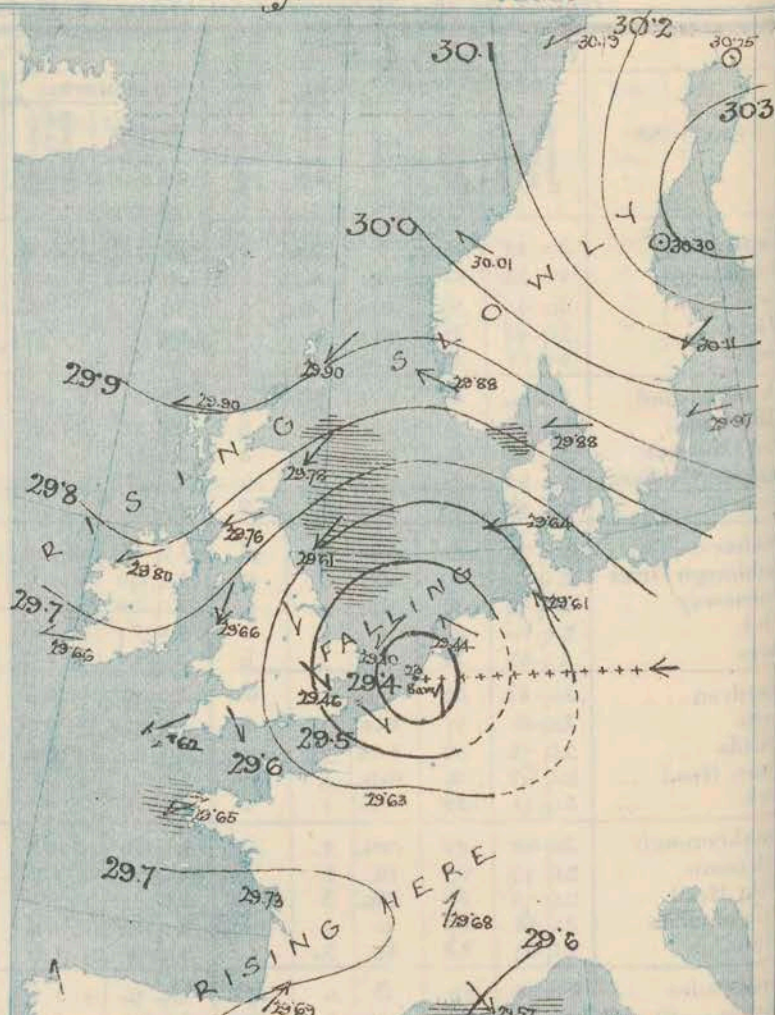
**Sea Disturbance** — where considerable, is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.976
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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.

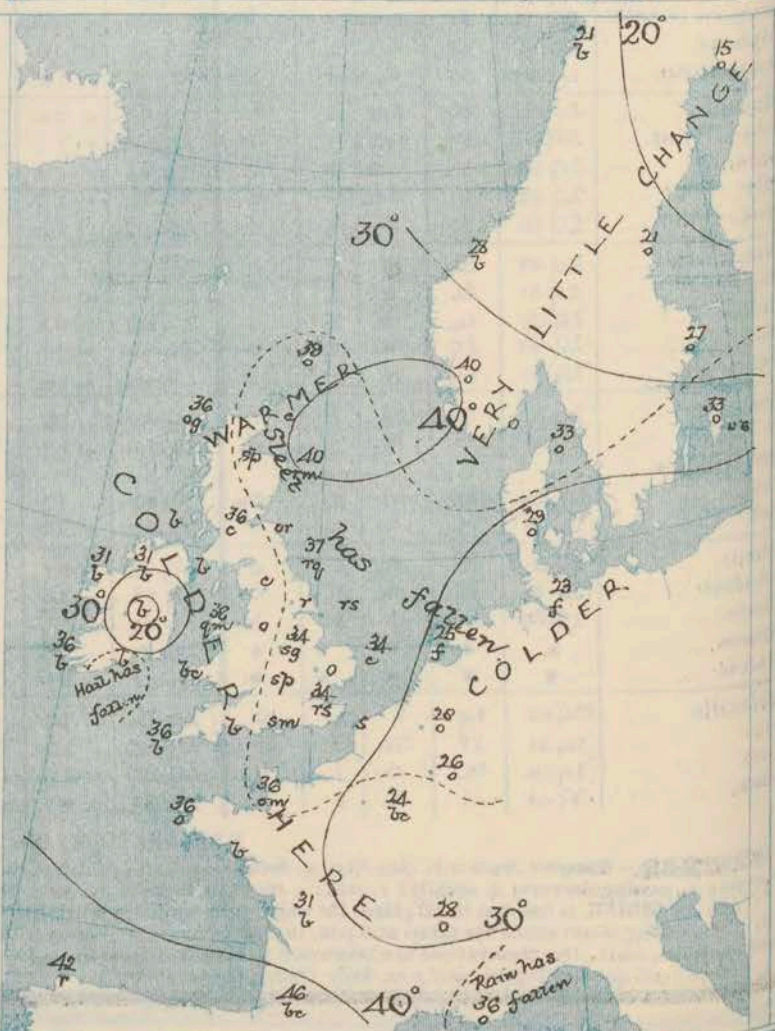
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry.	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	34.5	38.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
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Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





for Saturday 23<sup>rd</sup> JANUARY 1886 at 8 a.m.

The new depression seems likely to disperse shortly without changing its position much, and a gradual improvement in the weather is probable over England.

for the 24 hours ending at NOON on 24<sup>th</sup> JANUARY. 1886.  
(Issued at 11 a.m. on the previous day.)

*Fredk. Duggersfeld, Lith., London, 1831.*



# 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	29.93	36	33	E	2	c	3	Holyhead	29.65	35	32	E	4	6	2
Sumburgh Head	29.88	39	37	SE	4	c	4	Valencia	29.62	40	38	S	1	og	2
Stornoway	29.74	39	37	ESE	4	og	3	Scilly	29.52	42	37	EHE	1	0	3
Aberdeen	29.79	39	35	SSE	2	bc	4	Dungeness	29.49	38	33	E	3	0	3.
Shields	29.73	38	36	E	2	0	5	London	29.54	35	33	EHE	4	om	*
Ardrossan	29.73	36	36	E	3	bc	2	Yarmouth	29.56	35	33	EHE	6	bc	5
Malin Head	29.67	35	35	SE	3	m	3	Jersey	29.49	36	34	EHE	3	bc	3
Mullaghmore	29.65	39	37	EHE	3	om	3	Rochefort	29.54	40	39	ESE	5	0	2
Belmullet	29.65	39	37	E	2	c	*								

## REMARKS.

The barometer is still falling a little in the north of Ireland, but rising in most other localities. A light S<sup>W</sup> air has set in at Valencia; elsewhere the wind is little changed. Fair but cloudy weather prevails in most places. The sea is rather rough off east of England, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for Sunday 24<sup>th</sup> JANUARY 1886.

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. 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. (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	30.38	6	Z	0	0	30.41	+ .16	9	9	- 6	Z	0	0	*	18	5	-	
Hernösand	30.30	23	Z	0	0	30.36	+ .06	23	23	+ 2	Z	0	0	*	23	19	-	
Stockholm	30.17	32	NE	2	S	30.17	+ .06	30	28	+ 3	ENE	6	0	*	36	25	0.04	
Wisby	30.02	33	E	4	0	30.02	+ .05	32	31	- 1	E	4	5	*	36	28	0.04	
Bodö	30.17	28	E	4	b	30.15	- .04	27	24	+ 6	E	2	b	2	28	19	-	
Christiansund	30.01	34	ESE	1	b	29.98	- .03	32	31	+ 4	Z	0	b	1	34	21	-	
Skudesnaes	29.97	37	E	4	c	29.93	+ .05	37	32	- 3	ESE	6	0	5	36	37	-	
Oxö (Christiansund)	29.97	33	ENE	8	0	29.87	- .10	32	31	+ 1	ENE	9	5	6	36	30	0.08	
Skagen (The Skaw)	29.93	32	ESE	4	0	29.89	+ .01	32	32	- 1	ESE	4	5	3	34	30	0.08	
Faro	29.73	33	E	6	0	29.72	+ .08	30	30	+ 1	S	1	0	*	34	28	0.08	
Cuxhaven	29.69	24	SE	3	m	29.78	+ .17	24	24	+ 1	SSE	1	m	*	25	13	-	
Sumburgh Head	29.90	39	SE	3	0	29.90	.00	38	34	- 1	NE	3	0	8	42	35	0.01	
Stornoway	29.82	39	E	4	b	29.82	- .08	37	36	+ 1	E	4	0	3	41	34	0.06	
Wick	29.87	37	E	6	0	29.84	- .03	37	35	- 3	E	6	0	4	41	35	0.06	
Nairn	29.79	35	Z	0	c	29.76	- .09	35	35	+ 1	E	4	0	2	39	32	0.13	
Aberdeen	29.77	38	E	5	0	29.70	- .08	36	35	- 4	E	7	5	8	40	35	0.32	
Leith	29.66	36	NE	4	c	29.58	- .12	36	35	0	E	7	0	*	38	32	0.43	
Shields	29.57	36	NE	5	S	29.51	- .10	37	36	0	E	6	0	6	38	31	0.36	
Spurn Head	29.42	35	ENE	6	0	29.46	+ .01	30	?	- 6	SSE	4	0	5	37	28	0.16	
York	29.49	35	NE	3	0	29.46	- .08	31	31	- 4	E	1	0	5	36	30	0.44	
Loughborough	29.42	33	NNW	1	S	29.46	- .04	29	29	- 5	NE	1	0	*	36	29	0.09	
Ardrrossan	29.65	36	ENE	2	b	29.59	- .17	32	33	- 2	NNE	3	0	1	38	32	-	
Malin Head	29.69	40	NNE	4	0	29.63	- .17	37	35	+ 1	NE	4	0	4	41	36	0.02	
Mullaghmore	29.67	38	NE	4	0	29.59	- .21	37	36	+ 6	ENE	6	0	4	39	31	-	
Belmullet	29.78	39	E	3	b	29.60	- .18	39	35	+ 8	ENE	6	0	*	40	30	-	
Donaghadee	29.61	38	E	7	b	29.55	- .19	36	34	- 2	E	4	0	2	40	35	-	
Barrow-in-Furness	29.49	36	NE	3	0	29.46	- .15	32	31	- 4	N	2	0	*	38	28	0.07	
Liverpool (Bidston)	29.46	34	NNE	3	0	29.45	- .16	31	30	- 4	N	1	0	2	37	30	0.07	
Holyhead	29.51	39	NNE	5	0	29.47	- .19	33	32	- 5	NNE	2	0	2	40	26	0.13	
Parsonstown	29.63	33	Z	0	b	29.54	- .23	29	28	+ 10	Z	0	0	*	35	18	-	
Valencia	29.62	35	NNE	5	b	29.55	- .11	32	31	- 4	NNE	2	0	3	42	30	-	
Roche's Point	29.57	36	NE	3	b	29.48	- .21	32	31	+ 1	N	2	0	3	40	30	-	
Pembroke	29.50	37	NE	2	b	29.44	- .20	30	28	- 4	NE	2	0	1	40	30	0.04	
Scilly	29.50	40	Z	0	0	29.37	- .25	40	37	+ 4	NNE	4	0	4	40	34	0.02	
Prawle Point	29.50	32	NW	2	b	29.42	- .20	33	33	+ 4	NNW	2	0	2	43	29	0.03	
Hurst Castle	29.45	34	NNW	2	r	29.43	- .09	37	37	+ 6	SSW	3	0	2	44	31	0.10	
Dungeness	29.40	36	NNW	3	r	29.48	+ .07	36	36	+ 4	S	4	0	4	37	30	0.10	
London	29.42	33	Z	0	of r	29.46	.00	32	32	- 2	E	1	0	*	36	32	0.21	
Oxford	29.43	33	NW	1	sp	29.45	- .05	31	31	- 3	Z	0	0	*	35	31	0.07	
Cambridge	29.42	34	Z	0	S	29.48	+ .04	32	32	- 1	Z	0	0	*	36	29	0.15	
Yarmouth	29.38	35	ENE	5	c	29.50	+ .10	33	31	- 1	S	1	0	4	36	29	0.03	
The Helder	29.55	29	SE	3	0	29.65	+ .21	34	?	+ 9	S	7	0	3	?	25	?	
Cape Griz Nez	29.50	38	W	3	0	29.42	- .17	34	33	- 2	SSE	3	0	3	41	34	0.01	
Jersey	29.52	35	SE	3	0	29.38	- .27	34	?	- 2	NE	3	0	4	41	32	-	
Brest	29.52	35	SE	3	0	29.38	- .27	34	?	- 2	NE	3	0	4	41	32	-	
Lorient	29.52	37	ESE	4	0	29.40	- .22	35	34	- 1	ESE	5	0	4	41	28	-	
Rochefort	29.60	38	SE	5	r	29.49	- .24	43	41	+ 12	S	1	0	2	?	27	0.20	
Biarritz	29.51	45	SW	5	r	29.49	- .20	50	46	+ 4	SE	4	0	2	?	37	0.12	
Coronna	*	*	*	*	*	29.44	- .13	48	47	+ 4	SSE	3	0	3	55	43	0.59	
Brussels	*	*	*	*	*	29.61	+ .15	23	22	- 5	SE	3	0	*	31	21	0.04	
Charleville	29.63	26	NNE	7	a	29.57	+ .05	23	21	- 3	NE	3	0	*	28	10	-	
Paris	29.61	27	SSE	4	b	29.55	- .08	28	27	+ 14	S	4	0	*	*	*	-	
Lyons	29.73	34	S	4	b	29.64	- .04	41	38	+ 13	S	5	0	*	?	?	-	
Toulon	29.76	40	NW	4	c	29.77	+ .20	48	46	+ 12	WSW	7	0	6	48	36	0.08	

## 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 24<sup>th</sup> January

1886.

## BAROMETER, WIND & SEA.

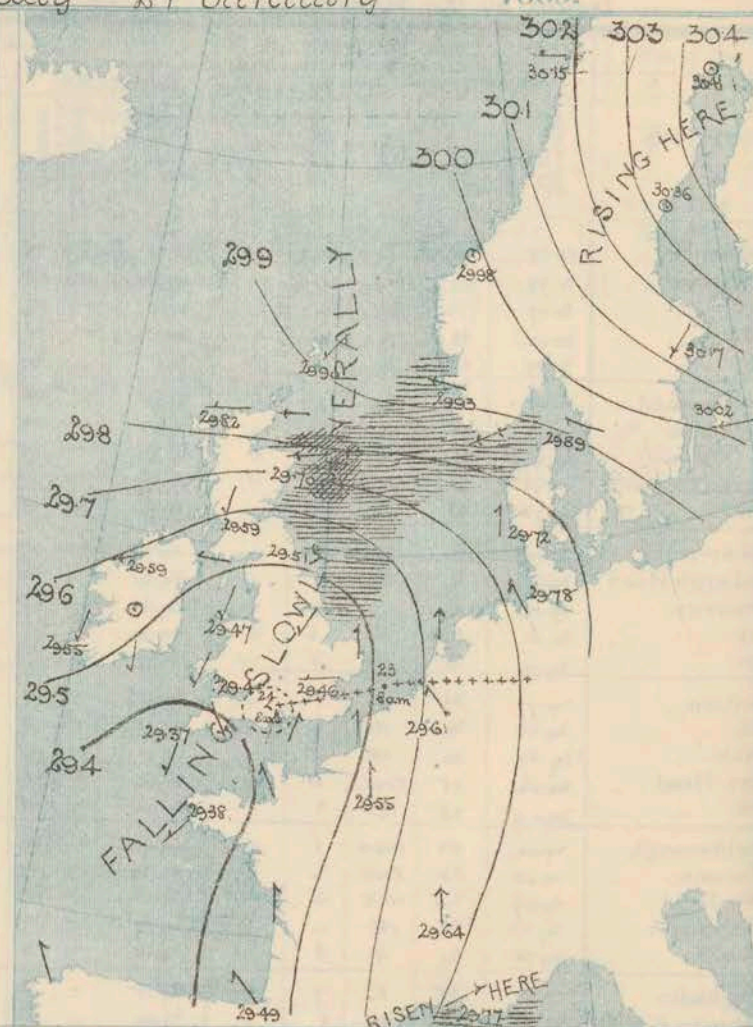
(Explanation of Map)

**Barometer** — Isotherms 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 6 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 January  
 During the 10 Years 1871—1880.

STATIONS.	MEAN READINGS.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



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

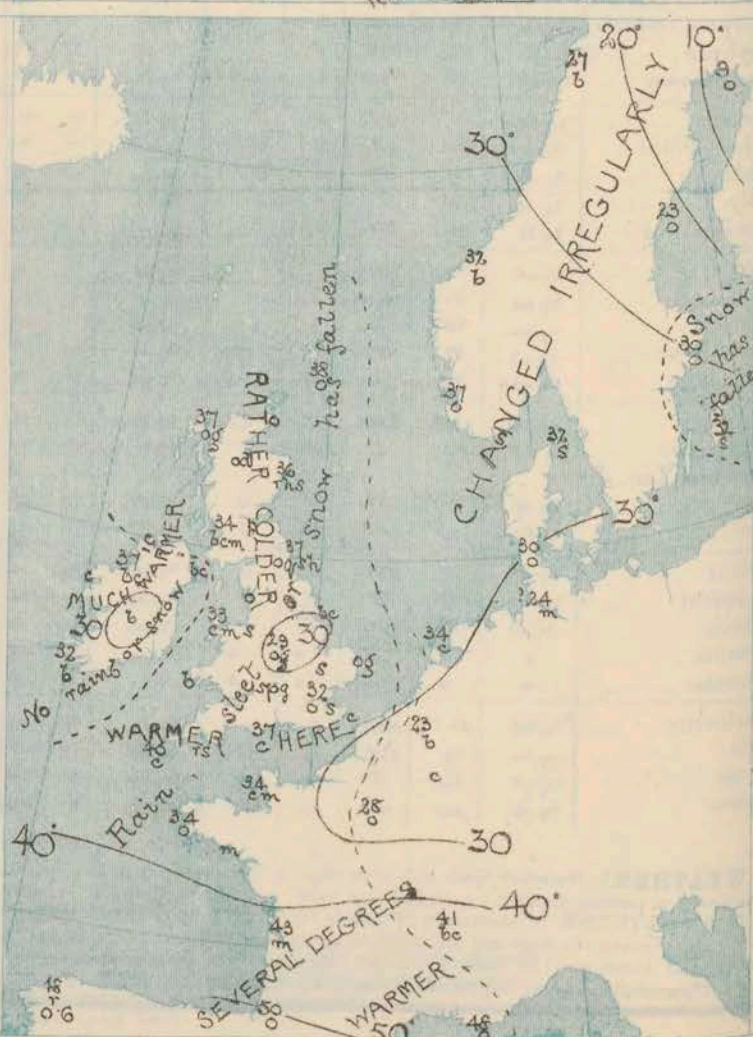
**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more,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

## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min	Ave. m.	Wet	
Sumburgh Head	43.0	35.4	39.2	38.8	3.60
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.84
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	40.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





for Sunday. 24<sup>TH</sup> JANUARY 1886 at 8 a.m.

## FORECASTS

1886.

( 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 SOUT. I.	
5 { ENGLAND SOUTH		WARNINGS	THE NORTH CONE WAS HOISTED DISTRICT 5 AND PART OF 7 LA



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.95	38	34	ESE	6	o	3	Holyhead	29.50	39	38	NNE	5	c	4
Sumburgh Head	29.89	41	38	NE	4	b	4	Valencia	29.64	40	35	E	3	bm	3
Stornoway	29.85	40	?	ENE	4	cpq	?	Scilly	29.54	40	35	NE	2	e	4
Aberdeen	29.75	38	37	ENE	6	rs	7	Dungeness	29.40	35	35	NW	2	m	3
Shields	29.51	38	37	NE	5	sp	6	London	29.41	36	35	NW	1	od	*
Ardrossan	29.67	37	37	ENE	3	c	1	Yarmouth	29.38	35	34	ESE	5	c	4
Malin Head	29.71	40	38	NNE	4	c	3	Jersey	29.51	40	36	WNW	3	bc	3
Mullaghmore	29.71	39	36	NE	4	c	2	Rochefort	29.73	32	32	ESE	4	f	2
Belmullet	29.75	40	36	ENE	3	b	*								

## REMARKS.

No important change has occurred since 8 a.m. beyond some freshening of the NE<sup>2</sup> wind on our NE. coast, with a cloudy appearance of the sky, and a considerable recovery of temperature in Ireland and the west of Scotland. The sea is rough in the north-east, smooth in the Straits of Dover.



# DAILY WEATHER REPORT

for. Monday - 25<sup>th</sup> January 1886.

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

Issued by the Meteorological Office, 10, Victoria Street, London, W. N. 1007 N. (2007 N. 1007 N.)																	
+ YESTERDAY EVENING.							8 A.M. TO DAY.							PAST 24 HOURS.			
STATIONS.	Barometer at 32° F. and Sea Level.	Temp. in Shade.	WIND.		Weather.	BAROMETER.		SHADE TEMP.			WIND.			Sea. (0 to 9).	SHADE TEMP.		Amount of Rainfall.
			Dir.	Force (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dir.	Force (0 to 12).	Weather.		Max.	Min.	
Haparanda	30.35	14	2	0	0	30.16	-0.25	13	13	+4	SW	4	0	*	14	1	0.12
Hernösand	30.33	23	NE	2	0	30.25	-0.11	23	23	0	E	2	0	*	25	21	0.04
Stockholm	30.14	28	E	4	0	30.09	-0.08	30	30	0	E	2	0	*	32	24	-
Wibsy	30.02	?	E	4	0	30.01	-0.01	32	31	0	E	4	0	*	36	25	0.04
Bodö	30.06	28	ESE	4	0	30.05	-0.10	21	19	-6	E	4	6	2	28	19	-
Christiansund	29.95	29	ESE	1	0	29.97	-0.01	30	28	-2	2	0	6	1	36	23	-
Skudesnaes	29.91	31	ESE	8	0	29.92	-0.01	35	30	-2	SSW	4	0	4	34	?	-
(Oxø - Christiansund)	29.93	34	ESE	6	0	29.94	+0.01	30	29	-2	NE	6	0	4	?	30	0.16
Skagen (The Skaw)	29.98	32	ESE	3	0	29.98	+0.04	31	30	-1	ESE	3	0	0	32	30	-
Faro	29.92	25	E	4	0	29.80	+0.08	23	23	-1	E	4	6	*	30	19	-
Cuxhaven	29.83	25	ESE	4	bc	29.74	-0.04	28	28	+14	ESE	5	0	*	?	?	-
Sumbargh Head	29.82	38	SE	4	0	29.82	-0.08	38	35	0	SE	4	0	4	41	34	0.02
Sornoway	29.72	34	ESE	5	oqpp	29.68	-0.14	36	35	-1	ESE	4	0	4	39	34	0.08
Wick	29.69	34	ESE	8	0	29.76	-0.08	35	34	-2	SE	6	0	6	40	32	0.21
Nairn	29.68	34	E	4	0	29.68	-0.08	32	30	-3	E	1	0	3	36	30	0.30
Aberdeen	29.61	36	E	4	casp	29.68	-0.02	37	34	+1	E	5	0	6	38	33	0.14
Leith	29.50	37	E	3	n	29.56	-0.02	36	34	0	ESE	2	0	*	38	29	0.03
Shields	29.53	31	E	3	m	29.52	+0.01	38	34	+1	ESE	4	0	5	38	30	0.06
Spurn Head	29.53	35	ESE	4	0	29.40	-0.06	36	36	+6	E	6	0	5	36	30	0.11
York	29.53	39	E	1	0	29.46	-0.00	33	33	+2	E	1	0	*	34	24	0.05
Loughborough	29.50	33	E	1	0	29.34	-0.09	33	33	+4	NE	1	0	*	34	28	0.20
Ardrossan	29.53	34	NE	1	om	29.55	-0.04	33	32	-1	NE	2	0	1	35	29	0.02
Mullin Head	29.52	34	NNE	4	0	29.54	-0.06	32	32	-5	ESE	3	0	3	34	30	0.09
Mullaghmore	29.52	38	NE	5	om	29.44	-0.12	34	33	-3	E	5	0	4	34	32	-
Belmullet	29.54	38	E	5	opn	29.44	-0.13	33	32	-6	E	5	0	*	34	32	0.04
Donaghadee	29.49	38	E	6	bc	29.49	-0.06	35	34	-1	E	4	0	2	38	35	-
Barrow-in-Furness	29.42	32	NE	1	0	29.43	-0.03	34	32	+2	NE	2	0	*	35	31	0.01
Liverpool (Bidston)	29.48	30	SE	1	0	29.38	-0.07	34	32	+3	ESE	3	0	3	34	29	0.11
Holyhead	29.44	34	2	0	0	29.40	-0.07	33	33	0	NE	2	0	2	34	27	0.13
Parsonstown	29.50	33	N	1	0	29.44	-0.10	29	29	0	2	0	0	*	34	28	-
Valencia	29.51	34	NNE	3	bcn	29.42	-0.13	33	32	+1	ESE	1	0	1	39	28	-
Roche's Point	29.46	32	N	3	0	29.40	-0.08	32	31	0	NNE	3	0	4	41	29	-
Pembroke	29.44	33	NNE	2	0	29.39	-0.11	32	31	+2	NE	2	0	1	35	30	-
Seilly	29.34	41	NE	4	0	29.26	-0.11	41	34	+1	NNE	4	0	4	43	34	0.08
Prawle Point	29.39	39	NE	3	0	29.26	-0.16	32	32	-1	NNE	3	0	2	40	31	0.11
Hurst Castle	29.43	34	ESE	3	0	29.28	-0.15	34	34	0	ESE	1	0	1	42	33	0.22
Dungeness	29.51	36	SSE	3	0	29.34	-0.14	41	41	+5	S	3	0	2	41	33	0.05
London	29.50	29	SSE	1	0	29.39	-0.13	36	36	+4	2	0	0	*	38	29	0.16
Oxford	29.49	30	SE	1	0	29.31	-0.14	34	33	+3	NE	1	0	0	36	30	0.25
Cambridge	29.51	33	2	0	0	29.34	-0.11	35	35	+3	2	0	0	*	36	24	-
Yarmouth	29.55	34	SE	4	bc	29.41	-0.09	34	36	+4	ESE	4	0	4	34	32	0.02
The Helder	29.65	24	ESE	1	0	29.52	-0.13	30	30	-4	E	3	0	3	?	25	-
Cape Gris Nez																	
Jersey	29.35	36	ESE	3	n	29.23	-0.19	43	43	+9	SSE	3	0	3	43	34	0.52
Brest	29.24	36	E	4	n	29.20	-0.18	38	34	+4	ESE	3	0	5	?	31	0.16
Lorient	29.28	41	ESE	1	n	29.22	-0.18	46	45	+11	S	3	0	4	?	30	0.49
Rochefort	29.43	46	S	5	0	29.40	-0.09	45	43	?	SSE	5	0	2	48	34	-
Biarritz	29.41	36	S	8	0	29.41	-0.08	54	46	+4	S	8	0	2	54	48	-
Coronna	*	*	*	*	*												
Brussels	*	*	*	*	*	29.46	-0.15	39	38	+16	SW	1	0	*	39	21	0.20
Charlevoix	29.61	30	NW	5	0	29.52	-0.05	39	?	+16	NW	5	0	*	40	?	0.16
Paris	29.53	36	SSE	4	n	29.45	-0.10	38	36	+10	SSW	4	0	*	*	*	0.35
Lyons	29.62	48	S	4	0	29.58	-0.06	50	46	+9	N	1	0	*	?	?	-
Toulon	29.82	50	SW	5	f	29.85	+0.08	50	49	+2	ESE	5	0	5	52	46	-

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); n. passing showers; p. 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).

Fred<sup>r</sup> Dangerfield Lith London



# WEATHER CHARTS

for 8 a.m. on Monday, 25<sup>th</sup> January, 1886.

## 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.

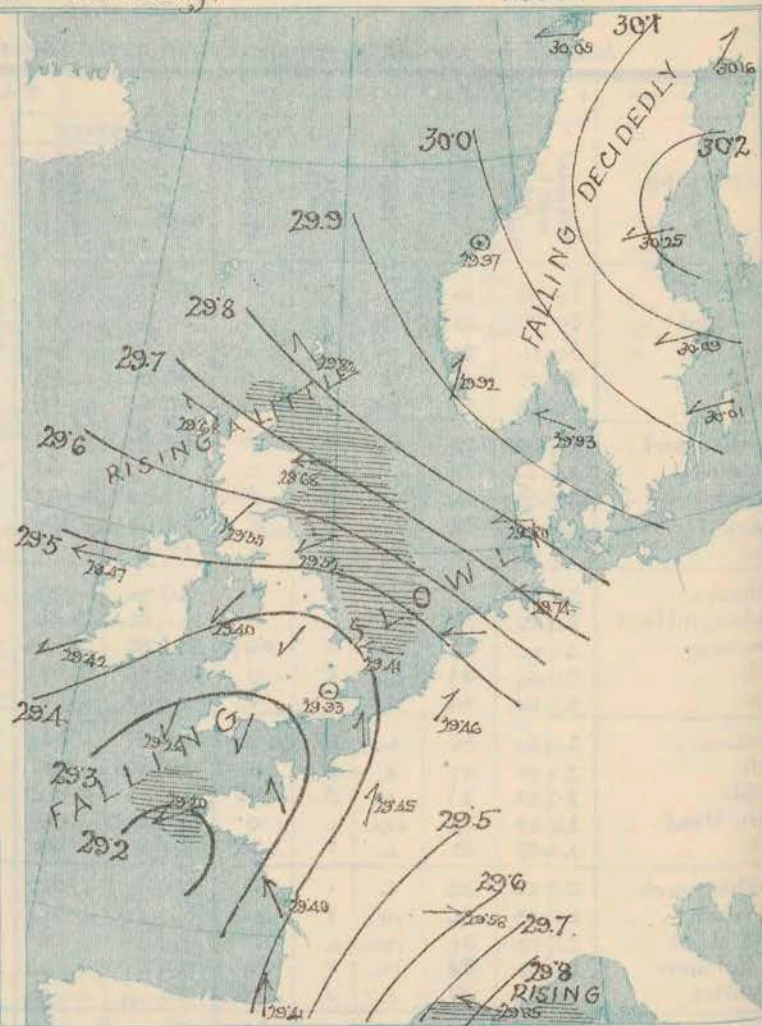
**Sea Disturbance**—where considerable, is shown thus

▨ = Rough. ▨ = High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.	
	in.	
Sumburgh Head	29.861	
Stornoway	29.657	
Wick	29.607	
Nairn	29.729	
Aberdeen	29.763	
Leith	29.819	
Shields	29.867	
York	29.918	
Ardrossan	29.817	
Donaghadee	29.828	
Holyhead	29.875	
Liverpool	29.906	
Valencia	29.852	
Roche's Point	29.883	
Pembroke	29.913	
Scilly	29.953	
Hurst Castle	29.975	
Dover	30.002	
LONDON	29.987	
Oxford	29.974	
Cambridge	29.975	
Yarmouth	29.954	





# REMARKS.

for Monday 25<sup>th</sup> JANUARY

1886 at 8 a.m.

The barometer is falling at all but our extreme northern stations; and while the highest pressures are still found over Sweden a small depression is lying over the Bay of Biscay not far from Brest. The wind is SE in the north of Scotland, and S over the greater part of France, but E or NE elsewhere; in force it is light or moderate generally, but at Wick and Spurn Head strong breezes are reported. The weather is cloudy or overcast at nearly all stations with snow or cold rain in many parts of the United Kingdom and fog in London and at Oxford. Snow, hail, or cold rain fell yesterday at all but a few of our western stations. Temperature has fallen a little on our northern and north-western coasts, but risen elsewhere; readings now range from 43° at Jersey to 29° at Parsonstown. Frost occurred during the evening or night in nearly all places. The sea is rough on the east coast of Scotland, rather rough off the east of England, but moderate to smooth elsewhere.

There are some indications of the advance of another depression from the eastward, and further snow is not unlikely over England tonight.

## FORECASTS

for the 24 hours ending at NOON on 26<sup>th</sup> JANUARY 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SE <sup>ly</sup> to E <sup>ly</sup> WINDS, FRESH OR STRONG; FAIR GENERALLY.	6 SCOTLAND WEST	NE <sup>ly</sup> BREEZES, MODERATE; DULL. SOME SNOW.
2 SCOTLAND EAST	E <sup>ly</sup> AND NE <sup>ly</sup> WINDS, STRONG; DULL. SOME SLEET OR COLD RAIN.	7 ENGLAND N.W.	— D° — D° — D° —
3 ENGLAND N.E.	— D° — D° — D° —	8 ENGLAND S.W.	— D° — D° — D° —
4 ENGLAND EAST	— D° — D° — D° —	9 IRELAND NORTH	E <sup>ly</sup> AND NE <sup>ly</sup> WINDS, MODERATE OR FRESH; FAIR GENERALLY.
5 MIDLAND COUNTIES	SAME AS N° 5	10 IRELAND SOUTH	— D° — D° — D° —
6 ENGLAND SOUTH	VARIABLE AIRS OR CALMS WITH LOCAL FOG, FOLLOWED BY MODERATE N <sup>ly</sup> BREEZES AND SNOW	WARNINGS	NONE ISSUED.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.
Skudesnaes	29.89	37	32 *	ESE	8	0	5	Holyhead					
Sumburgh Head								Valencia					
Stornoway								Scilly					
Aberdeen								Dungeness					
Shields								London					*
Ardrossan								Yarmouth					
Malin Head								Jersey					
Mullaghmore								Rochefort	29.49	48	45	S	7
Belmullet							*						2

## REMARKS.

### SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD.

FROM THE 17<sup>TH</sup> TO THE 23<sup>RD</sup> JANUARY 1886.

The distribution of pressure over our Islands and their neighbourhood during this week has been mainly cyclonic, but the type complex and variable. At first pressure was highest in the south and lowest in the north, but by Monday a large "hollow" was formed over the North Sea and for a few days a large low-pressure area covered the whole of that region and the United Kingdom. In this several minima appeared, moving in very different directions, and producing variable airs, cold weather and snow over Great Britain, while strong N<sup>W</sup> winds and gales were felt in Ireland. Pressure then increased in the north, E<sup>ly</sup> winds spread over the country, and shallow depressions began advancing westwards from Germany to our southeastern coasts. The cold weather was then continued, and the falls of snow were repeated at short intervals in many places. At times the sky cleared — more especially in the west and north, and then the frost became severe. At the close of the week there was no important change



# DAILY WEATHER REPORT

for Tuesday 26<sup>th</sup> January 1886.

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	30.03	6	Z	0	bc	30.09	- 07	-11	-11	- 24	N	2	b	*	16	?	-		
Hernösand	30.13	24	Z	0	o	30.10	- 15	24	24	+ 1	Z	0	o	*	25	23	-		
Stockholm	30.02	30	ESE	2	o	30.01	- 08	29	29	- 1	NE	2	s	*	32	25	0.12		
Wisby	29.98	31	E	4	o	29.94	- 07	32	31	0	ESE	2	o	*	36	28	-		
Bodö	30.04	25	E	2	bc	30.11	+ 06	23	21	+ 2	ESE	2	c	1	25	19	-		
Christiansund	29.98	28	SSE	1	b	30.01	+ 04	26	24	- 4	E	1	b	1	32	23	-		
Skudesnaes	29.94	32	Z	0	b	29.92	00	33	30	- 2	ESE	4	o	3	36	32	-		
Oxö (Christiansund)	29.92	30	NE	6	o	29.91	- 03	30	29	0	NE	6	o	4	30	28	-		
Skagen (The Skaw)	29.85	32	ESE	2	o	29.86	- 07	33	32	+ 2	E	4	o	1	34	30	-		
Fanö	29.73	32	E	6	o	29.71	- 09	32	32	- 9	E	6	o	*	?	23	-		
Cuxhaven	29.70	30	ESE	4	b	29.66	- 08	34	34	+ 6	ESE	3	nm	*	34	?	0.04		
Sumburgh Head	29.89	37	SE	4	b	29.90	+ 08	36	35	- 2	SE	1	o	3	40	32	0.06		
Stornoway	29.73	37	ESE	5	oq	29.80	+ 12	38	36	+ 2	E	6	oq	5	39	34	-		
Wick	29.77	37	ESE	4	o	29.84	+ 08	38	35	+ 3	E	6	o	6	38	35	0.06		
Nairn	29.69	34	E	3	c	29.76	+ 08	35	34	+ 3	ESE	4	c	3	36	30	0.01		
Aberdeen	29.69	38	E	6	o	29.75	+ 07	39	36	+ 2	ESE	6	oq	7	40	36	-		
Leith	29.54	38	SE	2	o	29.61	+ 05	38	37	+ 2	E	4	o	*	38	33	0.13		
Shields	29.48	38	E	5	nm	29.50	- 02	40	40	+ 2	E	6	nm	4	40	35	0.25		
Spurn Head	29.39	38	E	5	b	29.35	- 05	39	39	+ 3	E	6	o	6	39	35	0.10		
York	29.41	37	E	1	nm	29.39	- 07	40	39	+ 7	E	2	nm	*	40	33	0.50		
Loughborough	29.36	35	E	1	n	29.33	- 04	37	37	+ 4	ESE	1	nm	*	37	33	0.27		
Ardrossan	29.45	38	ESE	4	o	29.56	+ 01	38	37	+ 5	ESE	5	om	3	38	32	0.01		
Malin Head	29.40	36	NE	6	n	29.59	+ 02	40	39	+ 8	ESE	6	oq	6	41	31	0.26		
Mullaghmore	29.38	36	ESE	6	n	29.47	00	40	39	+ 6	ESE	6	e	5	40	34	0.26		
Belmullet	29.44	37	NE	5	o	29.50	+ 03	41	39	+ 8	E	6	o	*	41	33	0.27		
Donaghadee	29.37	39	SE	6	o	29.45	- 04	41	40	+ 6	NE	8	n	6	41	35	0.22		
Barrow-in-Furness	29.35	38	ESE	3	o	29.35	- 08	40	39	+ 6	NE	4	o	*	41	34	0.03		
Liverpool (Bidston)	29.30	37	ESE	4	o	29.32	- 06	39	38	+ 5	ESE	4	o	3	39	34	0.03		
Holyhead	29.27	36	ESE	2	om	29.34	- 06	36	36	+ 3	S	1	nm	2	36	29	0.16		
Parsonstown	29.36	32	NW	1	s	29.40	- 04	32	32	+ 3	Z	0	s	*	34	27	0.34		
Valencia	29.41	35	NE	2	cm	29.39	- 03	31	30	- 2	NE	1	bm	1	39	27	0.01		
Roche's Point	29.37	33	NW	3	bc	29.38	- 02	31	30	- 1	N	1	cm	3	38	30	-		
Pembroke	29.26	34	NNE	2	s	29.39	+ 06	38	34	+ 5	W	3	bc	2	39	32	0.47		
Seilly	29.27	41	NW	5	c	29.36	+ 10	39	35	- 2	Z	0	o	4	42	35	-		
Prawle Point																			
Hurst Castle	29.23	43	ESE	4	n	29.48	+ 20	36	34	- 1	W	3	b	2	45	34	0.16		
Dungeness	29.33	43	S	3	bc	29.53	+ 19	40	39	- 1	W	4	c	4	45	40	-		
London	29.31	39	E	2	o	29.51	+ 18	35	33	- 1	NW	2	b	*	41	35	0.02		
Oxford	29.29	37	NE	1	m	29.44	+ 13	35	34	+ 1	SSW	3	c	*	40	33	0.14		
Cambridge	29.35	38	Z	0	o	29.42	+ 05	36	34	+ 1	SW	3	bc	*	39	34	0.05		
Yarmouth	29.40	38	ESE	3	c	29.45	+ 04	37	36	0	SSW	3	c	4	38	36	0.02		
The Helder	29.50	35	ESE	3	n	29.54	+ 02	34	34	+ 4	ESE	1	f	2	36	30	0.08		
Cape Gris Nez																			
Jersey	29.15	46	SE	4	omtl	29.48	+ 25	40	38	- 3	ESE	5	cm	5	47	37	0.06		
Brest	29.29	42	N	7	o	29.33	+ 13	43	40	+ 5	NW	7	o	5	43	32	0.98		
Lorient	29.29	46	NW	7	o	29.41	+ 19	45	42	- 1	NW	8	c	5	50	39	0.32		
Rochefort	29.41	51	SW	8	c	29.70	+ 30	41	40	- 4	SSE	4	c	2	55	36	-		
Biarritz	29.56	51	SW	7	n	29.66	+ 25	43	41	- 11	SE	3	n	2	59	41	0.51		
Corunna	*	*	*	*	*														
Brussels	*	*	*	*	*	29.63	+ 16	39	37	0	SW	3	c	*	46	39	-		
Charleville	29.57	41	NW	5	o	29.68	+ 16	37	?	- 2	NW	5	o	*	45	36	0.16		
Paris	29.42	47	SSE	4	o	29.70	+ 25	36	35	- 2	S	1	b	*	*	*	-		
Lyons	29.58	49	S	4	b	29.69	+ 11	43	42	- 7	E	1	n	*	57	43	0.67		
Toulon	29.79	49	SE	5	n	29.70	- 15	49	48	- 1	S	5	f	4	52	46	0.24		

## 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, 26<sup>th</sup> January, 1886.

## 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.

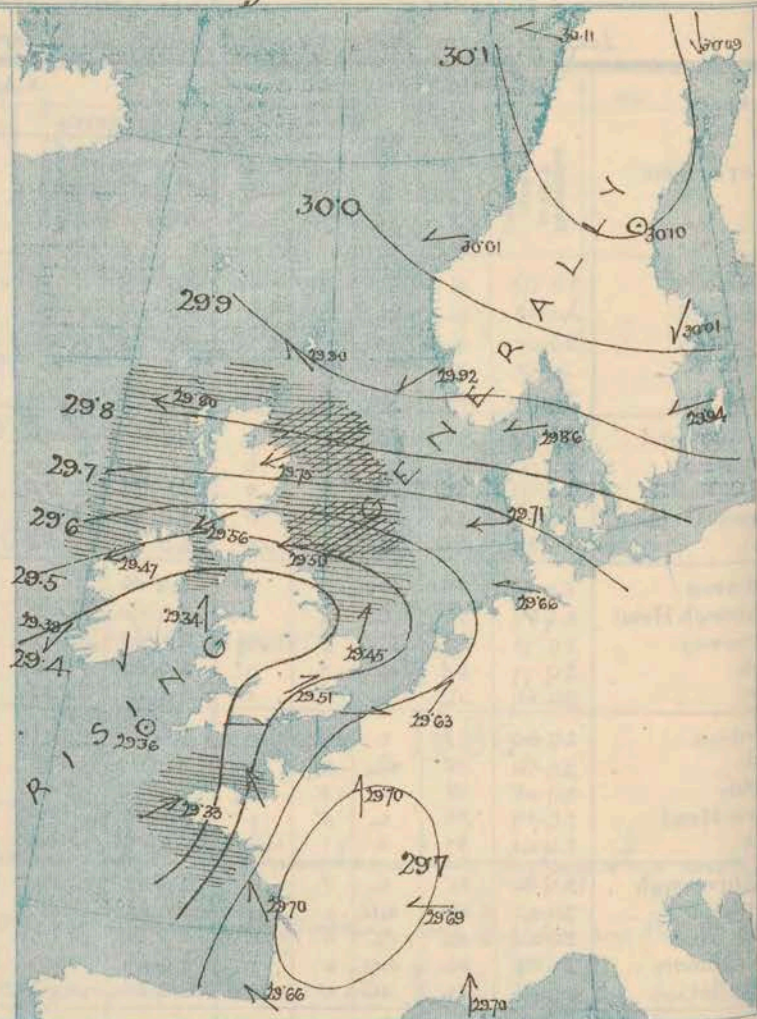
**Sea Disturbance** — where considerable is shown thus

— Rough. — High

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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.

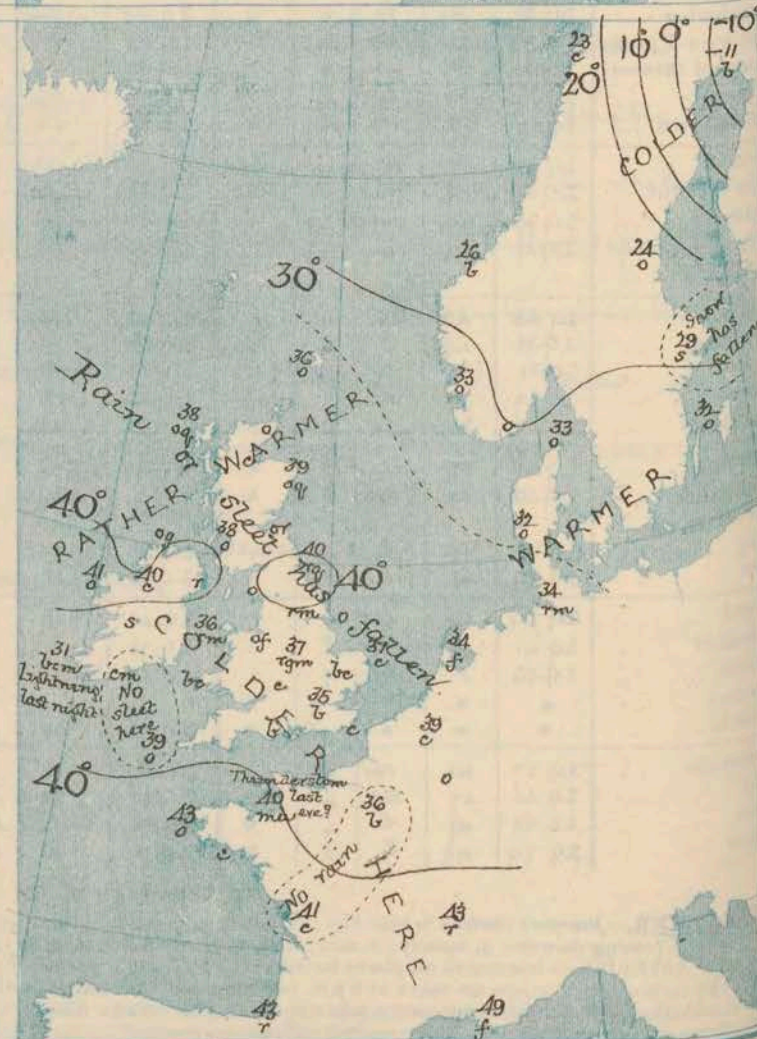
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE				RAINFALL. (Inches)
	Daily Max.	Daily Min.	At 8 a.m.		
			Dry.	Wet.	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Vermouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85





# REMARKS.

for TUESDAY 26<sup>TH</sup> JANUARY

1886 at 8 a.m.

An irregularly formed area of low pressure is now lying over the greater part of England and Ireland, but the barometer is rising in most places, the change being greatest over France. Pressure is still highest in the north of Scandinavia, but an area of relatively high pressure has appeared over Central France. Strong E<sup>ly</sup> winds prevail on all our more northern coasts, as well as over the North Sea, but in the south-east of England the wind is light from S.W. or W., while in the south of France it is S.E.<sup>ly</sup>. A moderate to fresh gale from E. or S.E. was experienced in the East of Scotland last night. The weather is fine on all our southern coasts, but cloudy or overcast elsewhere, with rain over the northern parts of England and Ireland as well as at Biarritz and Lyons. In the course of the past twenty-four hours rain or sleet has fallen in most places. A thunderstorm occurred at Jersey last evening. Temperature has risen a little in the north, but fallen at our southern and the French stations; readings over our Islands now range from 41° at Donaghadee to 31° at Valencia and Rocher Point. The sea is high at Aberdeen and Shields, rough on our north and north-east coasts generally, and rather rough off the north-west of France.

A gradual change in the distribution of pressure has apparently commenced, but at present conditions are by no means settled.

## FORECASTS

for the 24 hours ending at NOON on 27<sup>TH</sup> JANUARY 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	E <sup>ly</sup> WINDS, STRONG, PERHAPS A GALE; UNSETTLED, SOME RAIN OR SLEET.	6 SCOTLAND WEST	E <sup>ly</sup> AND NE <sup>ly</sup> WINDS, FRESH OR STRONG; DULL, SOME RAIN.
2 SCOTLAND EAST	-----D°-----D°-----D°-----	7 ENGLAND N.W.	-----D°-----D°-----D°-----
3 ENGLAND N.E.	-----D°-----D°-----D°-----	8 ENGLAND S.W.	LIGHT VARIABLE BREEZES; CHANGEABLE. SOME RAIN.
4 ENGLAND EAST	SAME AS N°5	9 IRELAND NORTH	SAME AS N°6
5 MIDLAND COUNTIES	SAME AS N°5	10 IRELAND SOUTH	LIGHT BREEZES, CHANGEABLE, SOME RAIN.
6 ENGLAND SOUTH	SW <sup>ly</sup> WINDS, MODERATE; CHANGEABLE. FAIR TO CLOUDY AND UNSETTLED.	WARNINGS	THE NORTH CONE WAS HOISTED IN DISTRICTS 0 TO 2 YESTERDAY.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.	
Skudesnaes	29.92	36	31	E	4	c	Holyhead	29.31	36	35	EHE	2	om	2
Sumburgh Head	29.85	38	35	SE	4	c	Valencia	29.42	38	35	EHE	2	cm	3
Stornoway	29.72	37	36	ESE	4	c q	Scilly	29.25	42	38	H	4	c	4
Aberdeen	29.69	38	35	E	6	o	Dungeness	29.35	45	44	S	3	bc	2
Shields	29.49	38	38	EHE	6	o q	London	29.32	41	41	E	2	o f g	*
Ardrossan	29.46	36	35	NE	4	o	Yarmouth	29.40	38	37	ESE	3	cm	4
Malin Head	29.46	35	35	NE	5	o	Jersey	29.20	44	44	SE	3	o	3
Mullaghmore	29.45	35	34	EHE	5	S	Rochefort	29.38	53	49	SSE	7	c	2
Belmullet	29.48	36	34	E	4	c								

## REMARKS.

The barometer continues to fall at all but our extreme western and northern stations, and the E<sup>W</sup> wind on our northeast coast has increased to a strong breeze. The weather is cloudy or overcast in most places, with rain at Shields and snow at Mullaghmore. The sea is rough at Aberdeen and Shields, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Wednesday* — 27<sup>th</sup> January. 1886.

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

Issued by the Meteorological Office, 116, 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	30.41	14	Z	0	b	30.55	+ .46	-18	-18	-	7	Z	0	b	*	7	?	—	
Hernösand	30.43	14	NNE	4	o	30.59	+ .49	6	6	-	18	NNE	2	o	*	25	?	—	
Stockholm	30.46	27	N	2	o	30.40	+ .39	17	17	-	12	NNE	2	b	*	32	?	—	
Wisby	29.97	31	E	4	o	30.14	+ .20	29	28	-	3	E	4	o	*	34	28	—	
Bodö	30.20	19	ENE	6	b	30.30	+ .19	15	13	-	8	ENE	6	b	*	23	14	—	
Christiansund	30.04	26	ESE	1	b	30.16	+ .15	30	27	+ 4	ESE	2	b	1	*	30	19	—	
Skudesnaes	30.01	33	ENE	1	b	30.14	+ .22	36	31	+ 3	E	6	o	4	*	37	?	—	
Oxö (Åtiansund)	30.02	32	NE	4	o	30.20	+ .29	32	31	+ 2	ENE	8	s	4	*	32	30	0.16	
Skagen (The Skaw)	30.01	30	ESE	3	9	30.17	+ .31	30	30	-	3	ESE	5	o	2	*	34	30	—
Fanö	29.86	33	E	4	o	29.99	+ .28	33	32	+ 1	ENE	4	o	*	*	34	32	0.08	
Cuxhaven	29.77	32	E	1	f	29.92	+ .26	34	32	0	E	2	f	*	*	34	32	—	
Sumburgh Head	29.92	36	SE	2	o	29.96	+ .06	38	37	+ 2	SE	4	r	4	*	38	33	0.03	
Stornoway	29.84	38	E	6	og	29.79	- .01	39	38	+ 1	E	5	b	4	*	40	36	—	
Wick	29.89	38	ESE	6	o	29.89	+ .05	40	39	+ 2	SSE	4	c	3	*	40	35	0.10	
Nairn	29.80	36	E	2	o	29.81	+ .05	35	34	0	NE	2	b	2	*	37	33	0.08	
Aberdeen	29.77	39	ENE	6	rg	29.88	+ .12	41	40	+ 2	SE	5	r	6	*	41	37	0.12	
Leith	29.64	38	E	2	r	29.82	+ .21	34	33	- 4	SE	1	b	*	*	39	32	0.32	
Shields	29.53	39	E	4	r	29.83	+ .33	39	39	-	1	E	2	omd	5	*	40	34	0.14
Spurn Head	29.64	38	SSE	3	b	29.83	+ .48	38	37	- 1	SE	4	bm	4	*	40	37	—	
York	29.55	36	S	1	b	29.83	+ .44	36	35	- 4	ESE	1	f	*	*	41	33	0.06	
Loughborough	29.62	36	SSE	2	c	29.80	+ .47	36	36	- 1	SE	2	c	*	*	44	34	0.01	
Ardrossan	29.72	38	ENE	5	om	29.78	+ .22	35	34	- 3	ENE	1	om	1	*	38	34	0.05	
Malin Head	29.64	40	ENE	5	opg	29.75	+ .16	36	36	- 4	SSE	2	o	2	*	41	36	0.09	
Mullaghmore	29.61	40	ENE	6	om	29.70	+ .23	38	38	- 2	E	2	op	2	*	40	37	—	
Belmullet	29.64	41	NE	7	o	29.74	+ .24	39	38	- 2	Z	0	o	*	*	42	39	0.08	
Donaghadee	29.58	39	NE	8	r	29.72	+ .27	41	40	0	SSE	1	c	0	*	41	36	0.47	
Barrow-in-Furness	29.55	37	SE	2	r	29.75	+ .40	36	36	- 4	SE	3	o	*	*	40	34	0.15	
Liverpool (Bidston)	29.57	35	SSE	2	b	29.76	+ .44	35	34	- 4	ESE	1	af	2	*	39	34	0.12	
Holyhead	29.53	35	SE	2	b	29.72	+ .38	35	35	- 1	SE	1	cm	2	*	40	28	0.20	
Parsonstown	29.53	35	Z	0	o	29.72	+ .32	33	32	+ 1	Z	0	s	*	*	36	32	0.12	
Valencia	29.57	37	NNE	1	om	29.74	+ .35	38	37	+ 7	NNE	1	c	1	*	41	31	0.03	
Roche's Point	29.50	37	NNW	1	o	29.67	+ .29	37	36	+ 6	NNW	3	m	3	*	39	31	—	
Pembroke	29.54	30	ENE	1	c	29.62	+ .23	30	30	- 8	ENE	2	f	1	*	43	30	—	
Silly	29.50	39	Z	0	c	29.68	+ .32	41	37	+ 2	NE	2	b	3	*	44	37	—	
Prawle Point	29.55	39	SW	3	o	29.69	+ .26	38	38	- 4	NNE	2	p	3	*	43	32	0.14	
Hurst Castle	29.60	42	SW	5	cpg	29.74	+ .26	42	41	+ 6	SSE	3	c	2	*	48	35	0.11	
Dungeness	29.68	43	SW	4	b	29.80	+ .27	39	39	- 1	S	3	b	2	*	45	39	0.02	
London	29.65	40	S	1	bf	29.82	+ .31	37	37	+ 2	SSE	2	om	*	*	46	35	—	
Oxford	29.65	37	SE	1	b	29.78	+ .34	39	38	+ 4	ESE	1	og	*	*	41	34	0.02	
Cambridge	29.67	37	S	1	b	29.82	+ .40	34	33	- 2	Z	0	b	*	*	42	33	—	
Yarmouth	29.69	37	SSE	3	b	29.86	+ .41	37	36	0	SE	2	b	3	*	41	35	0.02	
The Helder																			
Cape Gris Nez																			
Jersey	29.57	42	SE	4	cpg	29.72	+ .24	40	40	0	SSE	3	omf	3	*	45	39	0.09	
Brest	29.52	44	WSW	3	b	29.62	+ .29	38	38	- 5	ENE	3	r	5	*	45	37	0.22	
Lorient	29.59	44	S	3	b	29.71	+ .30	44	41	- 1	S	3	r	3	*	50	37	0.03	
Rochefort	29.76	36	S	3	o	29.78	+ .08	37	36	- 4	ESE	5	b	2	*	30	32	—	
Biarritz	29.71	46	E	4	b	29.67	+ .01	44	38	+ 1	SE	3	b	1	*	50	37	—	
Coronna	*	*	*	*	*														
Brussels	*	*	*	*	*	29.85	+ .22	35	34	- 4	ESE	1	o	*	*	42	33	—	
Charleville	29.78	33	NW	1	b	29.84	+ .16	33	33	- 4	S	1	o	*	*	41	30	0.04	
Paris	29.76	40	SE	3	b	29.86	+ .16	33	33	- 3	S	3	f	*	*	*	*	—	
Lyons	29.73	42	N	1	r	29.80	+ .11	38	37	- 5	NNW	1	o	*	*	46	37	0.19	
Toulon	29.71	49	S	4	m	29.78	+ .08	44	41	- 5	E	4	b	4	*	52	41	0.08	

## 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, 27<sup>th</sup> January, 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map.)

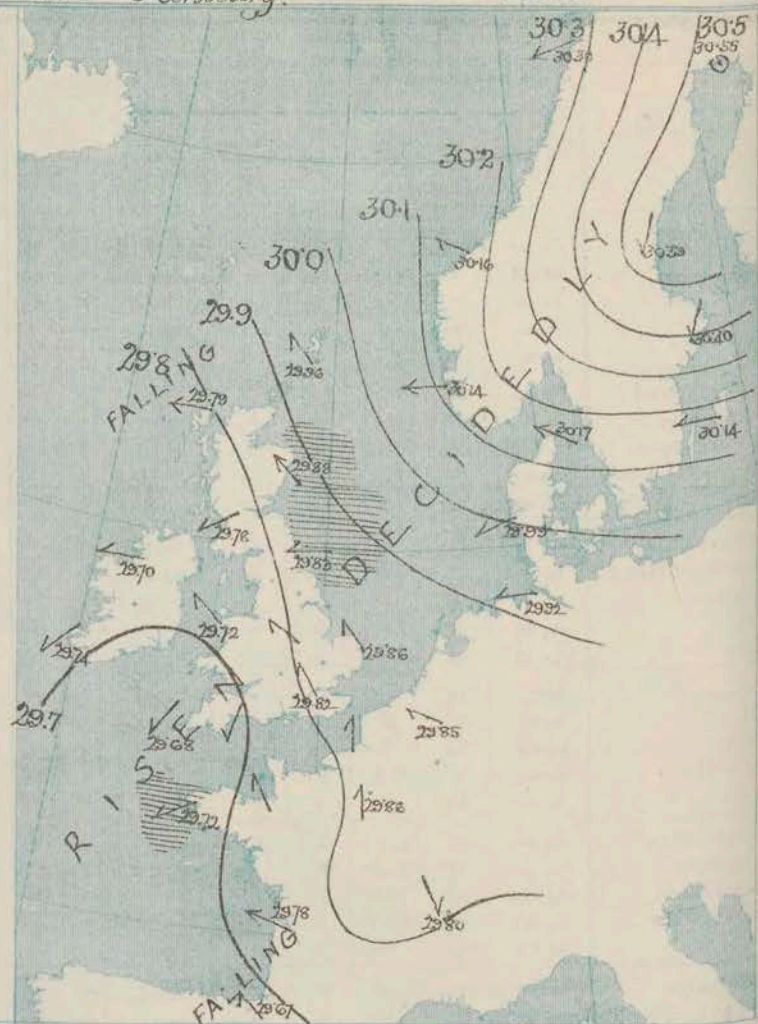
**Barometer** — Iso-bars are drawn for each tenth of an inch. Changes since previous morning are stated in words.  
**Wind** — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —  
 \* — = forces above 10; — = forces 8 to 10;  
 — = forces 5 to 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 January.  
 During the 10 years 1871—1880.

STATIONS.	MEAN READINGS
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.918
Ardrossan	29.917
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



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

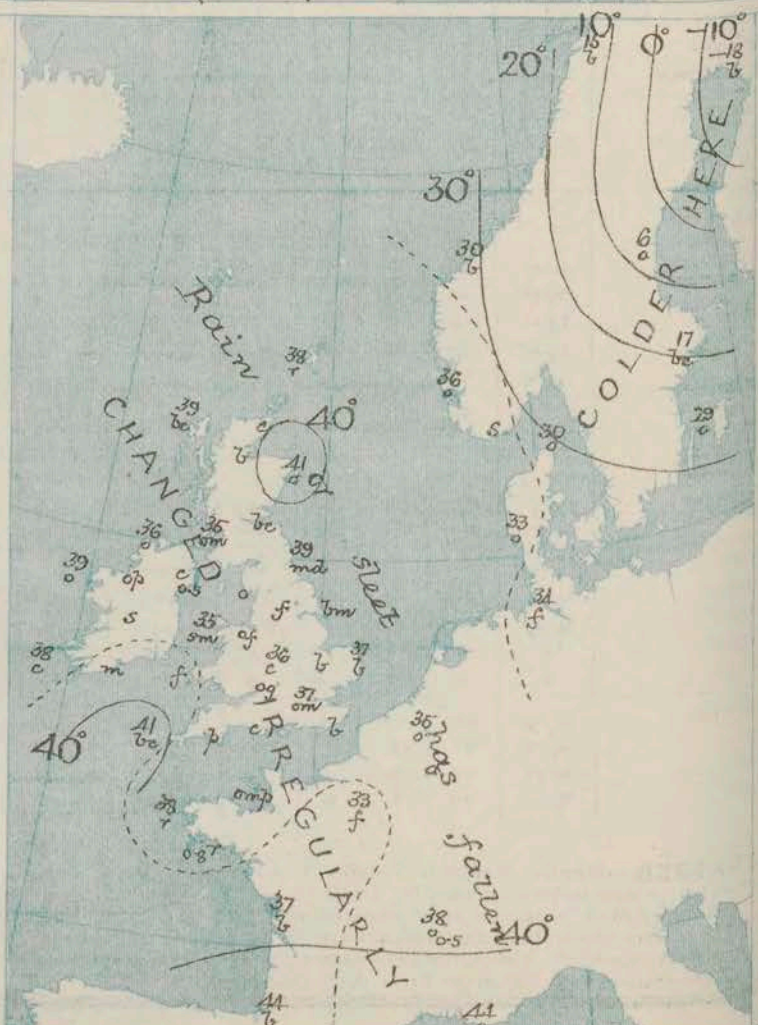
**Temperature** — Isotherms are drawn for each 10° changes since previous morning are stated in words.  
**Weather** — is shown by letters of the Beaufort Scale.  
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more,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

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.	At 8 a.m.	
			Dry	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.70
York	43.6	32.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.8	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.68
Pembroke	40.1	40.3	42.8	41.3	3.92
Scilly	40.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.0	34.6	37.6	36.6	2.23
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.8	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 30 years 1866—85.





# REMARKS.

for Wednesday 27<sup>th</sup> January 1886 at 8 a.m.

Pressure remains highest in the north of Scandinavia, while an area of relatively low readings lies over the Bay of Biscay and our southwest coast. The latter system is, however, dispersing, while the former is becoming more strongly marked, and the barometer is rising at all stations excepting Stormorway and Biarritz. The wind is light from the N<sup>th</sup> in the southwest of our Islands, but elsewhere it is E<sup>ly</sup> or SE<sup>ly</sup>, and in the south of Norway it blows with the force of a strong breeze or gale. The weather is at present fair at the majority of our stations but fog is reported locally, rain is falling at Shields as well as in the north west of France, and snow prevails at Holyhead and Parsonstown. Rain or sleet fell yesterday in many parts of the Kingdom. Temperature has changed irregularly; readings now range from 42° at Hurst Castle to 33° at Parsonstown. Slight frost occurred last night in many parts of the Kingdom. The sea is rough on our northeast coasts, moderate to smooth elsewhere.

The present changes are in favour of a continuance of E<sup>ly</sup> or SE<sup>ly</sup> winds and a renewal of cold weather.

## FORECASTS

For the 24 hours ending at NOON on 28<sup>th</sup> JANUARY 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	E <sup>ly</sup> and SE <sup>ly</sup> winds, fresh or strong; changeable, some rain or sleet	6 { SCOTLAND WEST	E <sup>ly</sup> winds, light or moderate; cloudy, some rain or sleet.
1 { SCOTLAND EAST	.....	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.	E <sup>ly</sup> and NE <sup>ly</sup> winds, moderate; fair generally, but local showers.
3 { ENGLAND EAST	Same as N <sup>o</sup> 5.	9 { IRELAND NORTH	SE <sup>ly</sup> winds, freshening; dull, some rain or sleet-showers.
4 { MIDLAND COUNTIES	Same as N <sup>o</sup> 5.	10 { IRELAND SOUTH	Same as N <sup>o</sup> 8.
5 { ENGLAND SOUTH	SE <sup>ly</sup> winds, moderate; fair generally, cold at night.	WARNINGS	NONE ISSUED.



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

	Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		Bar.	Dry.	Wet.	Wind.	Wea.	Sea.		
Skudesnaes	29.93	37	32	ENE	4	c	3	Holyhead	29.45	38	37	SSW	3	om	2
Sumburgh Head	29.93	36	35	Z	0	o	2	Valencia	29.51	38	37	Z	0	om	0
Stornoway	29.84	39	37	E	6	cg	5	Scilly	29.44	43	39	ESE	2	c	3
Aberdeen	29.76	40	38	ENE	6	op	7	Dungeness	29.63	44	43	SW	4	c	4
Shields	29.52	38	38	E	6	r	7	London	29.58	46	41	SE	2	c	*
Ardrossan	29.58	38	38	ENE	6	o	3	Yarmouth	29.61	41	38	SSW	3	b	4
Malin Head	29.61	39	38	ENE	6	r	4	Jersey	29.53	45	43	S	5	b	5
Mullaghmore	29.52	40	39	ENE	6	om	5	Rocheport	29.72	50	46	WNW	5	b	2
Belmullet	29.57	42	41	ENE	7	o	*								

## REMARKS.

The barometer continues to rise generally, and the low pressure area over our Islands is apparently falling up. No important change has taken place in the winds or weather. Rain is still falling at Shields and passing showers at Aberdeen. The sea is high at Aberdeen and Shields, rather rough at Stornoway and Mullaghmore, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Thursday* — 28<sup>th</sup> January 1886.

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

Issued by the Meteorological Office, 116, Victoria Street, London, R. N. 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.				
			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	30.49	-11	S	2	c	30.38	-17	2	2	+20	Z	0	o	*	?	-20	-	-
Hernösand	30.58	0	Z	0	c	30.60	+01	19	18	+13	Z	0	c	*	?	-2	-	-
Stockholm	30.52	16	E	2	b	30.49	+09	21	20	+4	E	2	o	*	28	14	-	-
Wisby	30.31	30	E	4	b	30.31	+17	19	18	-10	ESE	4	c	*	32	19	-	-
Bodö	30.30	12	EHE	4	b	30.12	-18	24	22	+9	NHE	4	s	2	?	3	-	-
Christiansund	30.23	31	ESE	2	c	30.21	+05	28	25	-2	ESE	3	b	2	34	25	-	-
Skudesnaes	30.25	32	E	2	b	30.16	+02	32	28	-4	ESE	6	o	4	36	32	-	-
Oxö (Xtiansund)	30.29	27	NHE	6	s	30.24	+04	24	23	-8	NHE	8	o	4	32	21	0.16	-
Skagen (The Skaw)	30.28	30	E	4	o	30.24	+07	26	26	-4	E	4	o	2	30	?	-	-
Fanö	30.06	33	EHE	6	o	29.97	-02	32	32	-1	E	4	s	*	?	32	0.16	-
Cuxhaven	29.96	34	E	3	f	29.93	+01	34	34	0	ESE	2	f	*	34	32	-	-
†Sumburgh Head	30.03	40	SSE	4	o	29.97	+01	37	36	-1	SSE	5	h	6	41	35	0.02	-
†Stornoway	29.86	39	E	3	c	29.78	-01	39	38	0	ESE	5	cg	4	44	36	-	-
Wick	29.98	41	SE	5	o	29.87	-02	38	37	-2	SE	5	b	4	42	34	0.05	-
Nairn	29.91	39	NHE	2	o	29.80	-01	35	35	0	E	1	o	2	41	33	-	-
†Aberdeen...	29.97	40	SSE	4	o	29.85	-03	38	37	-3	SSE	4	p	6	42	36	0.17	-
Leith	29.91	38	SE	1	c	29.80	-02	36	35	+2	SSE	2	c	*	40	32	0.03	-
†Shields	29.92	38	SE	2	bm	29.86	+03	33	33	-6	SW	1	m	4	41	33	-	-
Spurn Head	29.90	37	EHE	1	b	29.88	+05	34	33	-2	SSE	1	f	*	41	32	-	-
York																		
Loughborough	29.87	35	SE	2	o	29.85	+08	33	33	-3	ESE	2	ogf	*	39	31	-	-
†Ardrossan	29.86	38	E	1	om	29.77	-01	36	36	+1	E	1	cm	1	38	34	0.04	-
Malin Head	29.78	34	SSE	3	m	29.73	-02	34	34	-2	S	2	b	1	42	34	-	-
†Mullaghmore	29.78	38	ESE	2	om	29.69	-01	24	33	-4	E	4	bc	3	38	30	0.01	-
Belmullet	29.76	40	SSE	1	bc	29.63	-11	37	35	-2	ESE	5	c	*	42	33	-	-
Donaghadee	29.83	40	SSE	2	o	29.76	+04	37	36	-4	SEW	1	bc	0	41	35	0.13	-
Barrow-in-Furness	29.84	35	ESE	4	n	29.81	+06	37	36	+1	SE	5	f	*	38	34	0.65	-
Liverpool (Bidston)	29.83	34	ESE	2	n	29.82	+06	36	36	+1	SE	2	f	2	37	33	0.43	-
Holyhead	29.79	36	Z	0	b	29.78	+06	37	37	+2	S	1	um	1	40	29	0.01	-
†Parsonstown	29.80	34	Z	0	f	29.75	+03	32	31	-1	SE	1	o	*	36	31	-	-
Valencia	29.79	40	Z	0	om	29.63	-11	46	44	+8	SE	6	agu	6	48	37	0.04	-
Roche's Point	29.77	38	NHE	2	c	29.72	+05	42	41	+5	S	3	e	4	42	36	-	-
Pembroke	29.78	36	EHE	1	m	29.79	+17	41	40	+6	S	1	c	1	41	32	0.03	-
Seilly	29.76	43	Z	0	c	29.78	+10	45	43	+4	SEW	4	c	3	45	39	0.02	-
†Prawle Point	29.79	39	NHE	2	bc	29.86	+17	40	38	+2	SW	1	b	2	43	34	0.16	-
Hurst Castle	29.82	41	SE	3	b	29.87	+13	42	41	0	SEW	5	o	2	46	40	0.03	-
†Dungeness	29.87	40	S	1	c	29.91	+11	37	37	-2	S	3	m	2	45	36	-	-
London	29.88	39	SE	2	bcm	29.90	+08	29	28	-8	Z	0	f	*	45	28	-	-
Oxford	29.87	40	SE	1	c	29.88	+10	37	36	-2	SE	1	og	*	40	35	0.02	-
Cambridge	29.90	34	SE	1	b	29.91	+09	31	30	-3	Z	0	b	*	45	27	-	-
Yarmouth	29.89	37	ESE	1	bc	29.92	+06	31	31	-6	Z	0	f	3	39	29	-	-
The Helder	29.91	33	EHE	1	f	29.89	00	33	33	+1	SW	1	f	1	36	32	0.24	-
†Cape Gris Nez	29.84	36	SE	1	b	29.84	+05	30	29	-4	SW	3	f	2	43	30	-	-
Jersey	29.82	43	SSE	3	bm	29.92	+20	34	34	-6	SSE	3	f	3	45	34	0.02	-
Brest	29.80	43	Z	0	c	29.88	+26	41	40	+3	SSE	4	o	3	45	34	-	-
Lorient	29.84	43	SSW	3	bc	29.92	+21	36	36	-8	SE	5	f	2	48	32	0.51	-
†Rochefort	29.85	44	EHE	3	b	29.99	+21	35	34	-2	EHE	4	o	2	54	28	-	-
Biarritz	29.73	47	EHE	5	b	29.90	+23	46	43	+2	SW	4	b	2	52	41	-	-
Corunna	*	*	*	*	*													
Brussels	*	*	*	*	*	29.94	+09	32	32	-3	Z	0	f	*	38	32	-	-
Charleville	29.85	37	NHE	1	o	29.93	+09	33	33	0	NHE	1	o	*	39	33	0.04	-
Paris	29.88	38	NHE	1	f	30.04	+18	33	32	0	Z	0	m	*	*	*	-	-
Lyons	29.85	39	N	1	o	29.89	+09	39	38	+1	N	3	o	*	40	38	0.08	-
Toulon	29.78	43	E	7	n	29.77	-01	47	46	+3	E	8	n	6	48	43	1.42	-

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# WEATHER CHARTS

for 8 a.m. on Thursday, 28<sup>th</sup> January, 1886.

## BAROMETER, WIND & SEA.

(Explanation of Map)

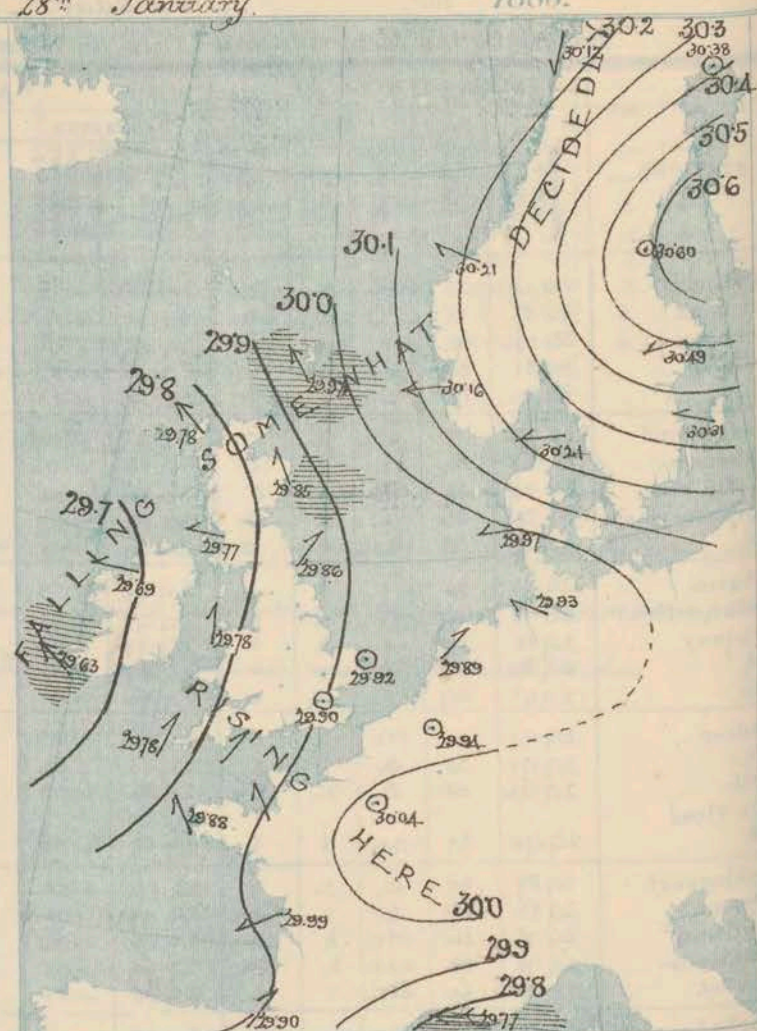
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at 8 a.m. for the month of January.  
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Liverpool	29.906
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Pembroke	29.913
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## TEMPERATURE, & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

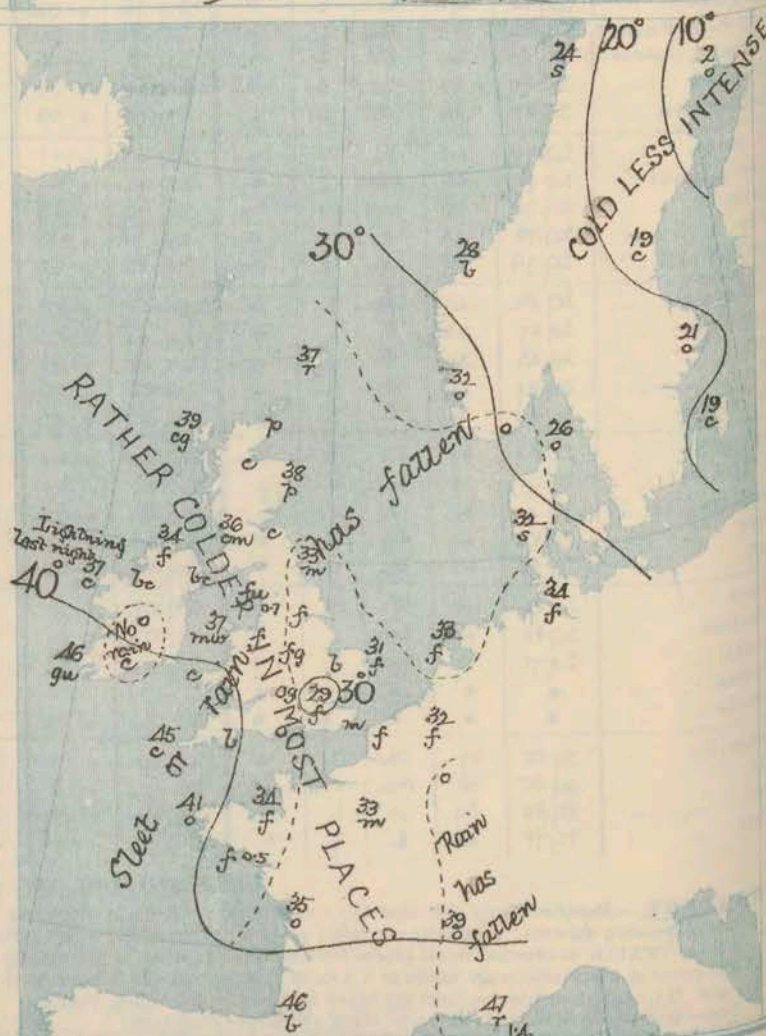
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## MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

for the month of January.

STATIONS	TEMPERATURE.				RAINFALL. (Inches)
	Daily Max.	Daily Min.	Avg. & M.	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	38.4	37.9	36.5	1.97
Nairn	42.4	32.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.8	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.38
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.08
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.8	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.8	32.9	38.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Thursday 28<sup>th</sup> January

1886 at 8 a.m.

An anticyclone still lies over the Gulf of Bothnia, but the barometer is now falling somewhat decidedly on our western and northern coasts, as well as on the eastern shores of the North Sea. At our southern and the French stations however, the mercury is rising. Strong E<sup>ly</sup> breezes are still reported in the south of Norway, but at the Channel stations the wind is moderate from the S<sup>th</sup>, while on our western and northern coasts it is freshening from SE. Showers prevail in the north and east of Scotland, and fog over England, the Netherlands and north of France, but elsewhere the weather is mostly fair. Sleet or rain fell yesterday in many parts of the Kingdom—heavily in the north-west of England, and lightning was seen at night at Belmullet. Temperature has fallen a few degrees in our Islands, but risen considerably in the north of Sweden; readings over the United Kingdom now range from 46° at Valencis to 29° in London. Frost occurred last night in many parts of the Kingdom. The sea is rough at Lumburgh Head, Aberdeen and Valencis, moderate to smooth elsewhere.

There are some indications of the advance of a depression towards our western coasts, and a considerable increase of wind is probable over Ireland and Scotland.

## ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that a strong gale from E. backing to NE. was experienced in Lat. 39° N. Long. 72° W., the barometer at noon falling to a minimum of 29.9 ins. On the 21<sup>st</sup> last a derelict ship was seen in Lat 34° N. Long 62° W.

# FORECASTS

for the 24 hours ending at NOON on 29<sup>th</sup> January 1886.

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

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	SE <sup>ly</sup> WINDS, INCREASING IN FORCE; CLOUDY, SOME COLD RAIN OR SLEET.	6 SCOTLAND WEST	SE <sup>ly</sup> WINDS, FRESHENING; FAIR TO UNSETTLED AND SOME RAIN.
2 SCOTLAND EAST	----- D° ----- D° ----- D° -----	7 ENGLAND N.W.	----- D° ----- D° ----- D° -----
3 ENGLAND N.E.	SE <sup>ly</sup> AND S <sup>ly</sup> WINDS, MODERATE; FAIR TO CLOUDY AND UNSETTLED.	8 ENGLAND S.W.	S <sup>ly</sup> WINDS, FRESHENING; FAIR GENERALLY.
4 ENGLAND EAST	SAME AS N° 5	9 IRELAND NORTH	SE <sup>ly</sup> AND S <sup>ly</sup> WINDS, INCREASING IN FORCE; UNSETTLED, SOME RAIN.
5 MIDLAND COUNTIES	SAME AS N° 2	10 IRELAND SOUTH	----- D° ----- D° ----- D° -----
6 ENGLAND SOUTH	S <sup>ly</sup> AND SE <sup>ly</sup> WINDS, MODERATE; FAIR GENERALLY, BUT LOCAL FOGS.	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	30.22	36	31	ESE	4	0	3	Holyhead	29.77	39	38	E	1	6	1
Sumburgh Head	30.00	40	39	SSE	4	0	5	Valencia	29.76	47	43	NHE	1	6c	1
Stornoway	29.85	44	41	SE	4	6	4	Scilly	29.73	44	40	NHE	1	6	3
Aberdeen	29.93	41	40	SSE	4	0	6	Dungeneas	29.84	44	43	S	2	6	2
Shields	29.89	41	39	SE	2	0	4	London	29.84	44	41	SE	2	6m	*
Ardrossan	29.81	38	38	EHE	2	0	1	Yarmouth	29.88	38	34	ESE	2	6	3
Malin Head	29.78	39	36	E	3	m	2	Jersey	29.76	44	42	SE	3	6c	3
Mullaghmore	29.74	38	36	ESE	2	om	2	Rocheport	29.81	49	48	EHE	3	6	2
Belmullet	29.74	42	41	S	2	0	*								

## REMARKS.

The barometer is rising generally and light or moderate  $SE\frac{1}{2}$  breezes are reported on all but our extreme southwest coasts, where the wind is light from NNE. Fair weather prevails generally. The sea is rough at Aberdeen, rather rough at Sumburgh Head, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for

Friday—29<sup>th</sup> January 1886.

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.		
			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	30.34	10	Z	0	b	30.28	-10	1	1	-1	S	2	b	*	?	-13	-	
Hernösand	30.48	14	NW	2	b	30.37	-23	16	16	-3	Z	0	0	*	21	?	-	
Stockholm	30.36	17	NE	2	b	30.25	-24	23	22	+2	ESE	2	0	*	25	12	-	
Wisby	30.29	21	E	6	bc	30.20	-11	23	22	+4	ESE	4	0	*	27	16	-	
Bodö	30.15	32	E	4	S	30.02	-10	31	27	+7	ESE	2	b	1	32	?	-	
Christiansund	30.06	30	E	3	b	29.94	-27	30	29	+2	ESE	1	b	1	30	21	-	
Skudesnaes	30.06	30	SE	4	S	29.92	-24	33	30	+1	SE	4	0	4	34	30	-	
Oxö (Xtiansund)	30.17	24	NE	8	S	30.06	-18	22	21	-2	NNE	6	0	4	27	21	0.08	
Skagen (The Skaw)	30.19	26	E	4	0	30.05	-19	28	27	+2	ESE	3	S	1	28	?	0.89	
Faro	29.98	31	ESE	4	0	29.94	-03	33	33	+1	S	4	0	*	?	?	-	
Coxhaven	29.98	34	SSE	1	?	30.02	+09	35	35	+1	S	1	f	*	?	32	-	
Sumburgh Head	29.83	34	SE	6	0	29.52	-45	41	40	+4	SE	6	n	6	41	34	0.19	
Stornoway	29.60	29	SSE	5	og	29.20	-58	42	42	+3	SSE	8	og	4	43	37	0.14	
Wick	29.72	38	SE	6	0	29.42	-45	40	39	+2	S	9	og	2	40	37	0.10	
Nairn	29.66	35	Z.	0	bc	29.35	-45	42	39	+7	SW	5	c	2	42	34	0.01	
Aberdeen	29.74	39	S	5	0	29.52	-33	39	38	+1	S	7	cq	6	40	37	0.07	
Leith	29.71	38	SE	1	0	29.48	-32	40	38	+4	SE	1	c	*	41	35	-	
Shields	29.78	85	S	2	m	29.60	-26	36	35	+3	S	2	om	3	37	32	-	
Spurn Head	29.84	36	SSE	3	0	29.70	-17	35	34	0	SSE	5	0	4	37	32	-	
York	29.85	37	ESE	2	m	29.67	-21	34	33	0	SE	3	0	*	37	33	-	
Loughborough	29.84	39	SE	2	0	29.67	-21	35	34	+2	SSE	3	og	*	41	33	-	
Ardrrossan	29.66	39	SE	4	om	29.40	-37	41	39	+5	SE	4	og	4	41	36	0.08	
Malin Head	29.47	38	S	4	m	29.23	-50	42	42	+8	S	6	0	2	43	34	0.08	
Mullaghmore	29.44	39	SE	6	n	29.25	-44	44	43	+10	SSW	5	og	5	45	33	0.26	
Belmullet	29.32	40	SSE	8	0	29.28	-35	44	42	+7	W	6	og	*	45	36	0.50	
Donaghadee	29.62	41	S	3	0	29.38	-38	42	42	+5	S	7	0	5	42	36	0.24	
Barrow-in-Furness	29.73	38	SE	4	c	29.51	-30	38	37	+1	SE	6	n	*	39	36	0.01	
Liverpool (Bidston)	29.76	37	SE	1	0	29.52	-30	37	36	+1	SE	5	0	4	39	35	0.01	
Holyhead	29.68	40	S	3	0	29.44	-34	40	40	+3	SSE	5	om	3	42	32	0.03	
Parsonstown	29.52	39	SE	4	n	29.38	-37	40	39	+8	W	1	n	*	42	31	0.06	
Valencia	29.43	46	SSW	7	n	29.55	-08	44	40	-2	W	7	og	6	49	42	0.69	
Roche's Point	29.52	44	S	7	n	29.45	-27	42	42	0	NW	5	n	4	47	42	0.36	
Penbroke	29.67	43	SSW	6	c	29.44	-35	44	43	+3	NW	4	og	3	44	40	0.32	
Seilly	29.66	48	S	6	0	29.53	-23	47	44	+2	NW	7	cq	6	49	44	0.12	
Prawle Point	29.81	42	S	5	n	29.49	-37	44	44	+4	W	4	n	5	46	40	0.05	
Hurst Castle	29.87	41	SSW	3	c	29.60	-27	40	40	-2	SSE	6	om	2	44	39	0.07	
Dungeness	29.94	38	SW	2	c	29.76	-15	38	37	+1	S	5	c	4	43	34	-	
London	29.89	38	SW	2	bc	29.71	-19	37	35	+8	S	4	0	*	45	29	-	
Oxford	29.86	40	SW	2	0	29.64	-24	37	36	0	SE	3	og	*	44	36	0.01	
Cambridge	29.90	36	S	1	b	29.70	-21	35	33	+4	S	1	og	*	40	28	-	
Yarmouth	29.92	35	SSW	2	bcf	29.80	-12	36	34	+5	SSE	5	cq	4	38	30	0.02	
The Helder	29.95	30	SSW	1	b	29.92	+03	27	27	-6	S	1	f	1	37	27	-	
Cape Gris Nez	29.90	31	S	1	b	29.76	-08	32	32	+2	S	5	0	4	37	28	-	
Jersey	29.89	35	SSE	3	om	29.59	-33	40	40	+6	SSE	5	om	5	41	34	0.06	
Brest	29.78	44	SSE	5	0	29.64	-24	47	45	+6	NW	7	0	5	37	39	0.28	
Lorient	29.88	43	SE	5	0	29.65	-27	46	44	+10	NW	8	0	5	46	30	0.12	
Rochefort	30.02	39	SSW	4	b	29.86	-13	40	39	+5	S	7	f	2	45	30	0.08	
Biarritz	30.03	46	S	4	n	29.97	+07	50	46	+4	SW	7	n	2	50	46	0.04	
Coruna	*	*	*	*	*	30.18	+12	47	47	+8	NW	5	n	4	52	39	0.12	
Brussels	*	*	*	*	*	29.90	-04	37	34	+5	N	1	0	*	38	31	-	
Charleville	29.99	37	S	1	0	29.91	-02	35	35	+2	N	4	0	*	41	33	-	
Paris	30.00	36	S	1	m	29.88	-16	34	33	+1	S	3	c	*	*	*	-	
Lyons	29.99	38	E	1	0	29.95	+06	37	37	-2	NW	1	m	*	42	36	0.04	
Toulon	29.79	48	E	3	0	29.78	+01	44	40	-3	NW	1	c	2	50	41	-	

## 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, 29<sup>th</sup> January, 1886.

## 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.

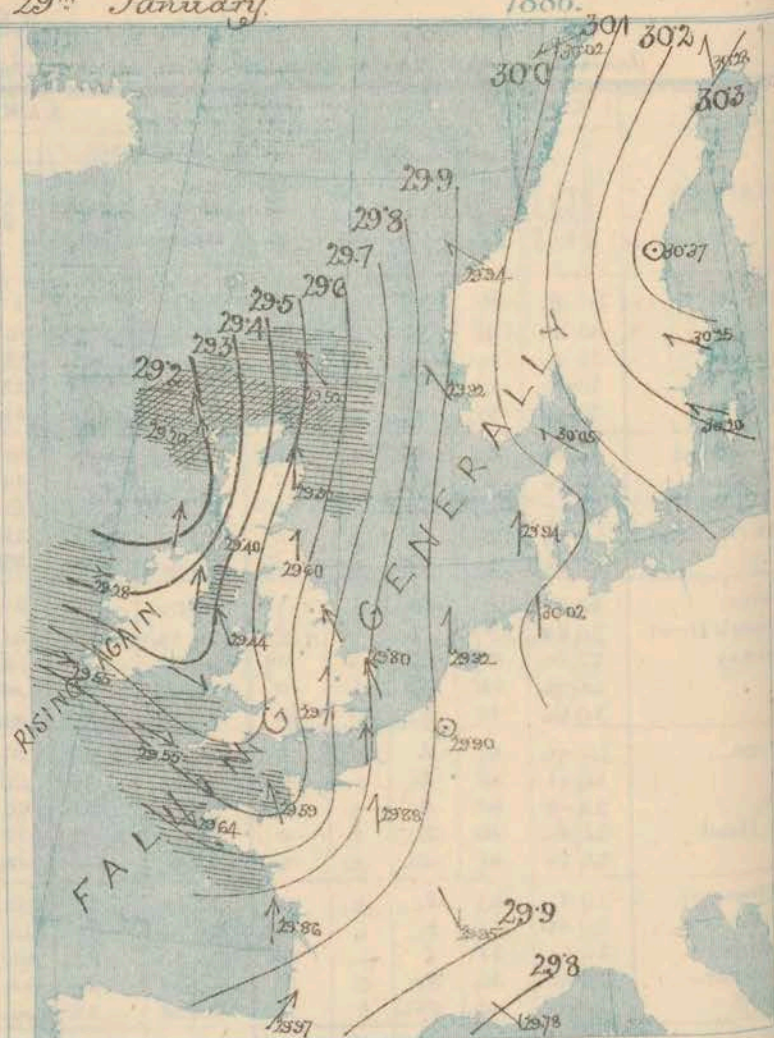
**Sea Disturbance** — where considerable is shown thus

▨ = Rough. ▨ = High

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.607
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Douglhudee	29.828
Holyhead	29.875
Liverpool	29.900
Valencia	29.852
Roche's Point	29.893
Pembroke	29.913
Seilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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 January

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max	Daily Min.	At 8 a.m.		
			Dry	Wet	
Sumburgh Head	43.0	35.4	39.2	38.3	3.66
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.6	34.1	37.3	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.9	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Douglashead	44.5	36.3	39.7	38.8	3.08
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	44.4	35.8	38.9	37.9	2.23
Valencia	40.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Seilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.30
Oxford	43.9	34.6	37.6	36.6	2.33
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1868—85





# REMARKS.

for Friday 29<sup>th</sup> JANUARY 1886 at 8 a.m.

The fall of the barometer noticed in the west and north yesterday has since become general and a large depression is now lying off the west of Scotland, while a series of "V shaped" subsidiary disturbances is found over Ireland and the south-west of England. Pressure remains highest over the Gulf of Bothnia. The wind has shifted to the W<sup>st</sup> on our extreme south-west coast, but elsewhere it is S<sup>st</sup> or SE<sup>st</sup>; fresh or strong breezes are reported generally, and a S<sup>st</sup> gale is blowing in the north and east of Scotland. Moderate or fresh S<sup>st</sup> gales were experienced in Ireland last night. Cloudy or overcast weather prevails generally, and rain is falling at most of our western and north-western stations. Since yesterday rain has fallen on all but our east coast, the largest amount being 0.7 in. at Valencia and 0.5 in. at Belmullet. Temperature has risen a few degrees in most places, and readings now range from 47° at Scilly to 34° at York. Slight frost occurred last night over the eastern parts of England. The sea is high off the north of Scotland, and rough on our south-west, west, and north coasts generally.

The subsidiary depressions noticed above are likely to extend eastwards over England, and occasion rain at our eastern and south-eastern stations.

At the summit of Ben Nevis the barometer at 8 am stood at 24.78 ins. with a moderate gale from NE(?) and temperature of 24° and fog.

## FORECASTS.

For the 24 hours ending at NOON on 30<sup>th</sup> January 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 SCOTLAND NORTH	S <sup>st</sup> GALES, MODERATING LATER; CLOUDY, SQUALLY, SOME RAIN.	6 SCOTLAND WEST	STRONG SE <sup>st</sup> WINDS, SUBSEQUENTLY SHIFTING TO THE W <sup>st</sup> , DULL AND RAINY TO FAIR.
2 SCOTLAND EAST	-----D <sup>st</sup> -----D <sup>st</sup> -----D <sup>st</sup> -----	7 ENGLAND N. W.	-----D <sup>st</sup> -----D <sup>st</sup> -----D <sup>st</sup> -----
3 ENGLAND N. E.	SAME AS N <sup>o</sup> 5.	8 ENGLAND S. W.	W <sup>st</sup> AND NW <sup>st</sup> WINDS, STRONG; SQUALLY SHOWERY.
4 ENGLAND EAST	SAME AS N <sup>o</sup> 5.	9 IRELAND NORTH	S <sup>st</sup> TO SW <sup>st</sup> WINDS, STRONG, CHANGEABLE, SOME RAIN.
5 MIDLAND COUNTIES	SAME AS N <sup>o</sup> 5.	10 IRELAND SOUTH	SAME AS N <sup>o</sup> 8.
6 ENGLAND SOUTH	SE <sup>st</sup> AND S <sup>st</sup> WINDS, FRESH OR STRONG; DULL AND RAINY AT FIRST, SOME IMPROVEMENT LATER.	WARNINGS	
		THE SOUTH CONE WAS HOISTED YESTERDAY IN DISTRICTS 0.1.6.9 AND 10.	



# 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	30.11	34	32	ESE	4	S	Holyhead	29.73	40	39	S	3	cm	2
Sumburgh Head	29.90	37	36	SSE	6	h	Valencia	29.49	46	45	SSE	7	rmg	6
Stornoway	29.67	39	38	SE	4	d	Scilly	29.72	48	45	S	6	o	5
Aberdeen	29.79	40	39	SSE	4	p	Dungeness	29.95	40	40	SE	3	c	3
Shields	29.82	36	36	S	2	om	London	29.90	45	42	SSE	3	c	*
Ardrossan	29.72	40	39	SE	3	o	Yarmouth	29.91	38	37	SSE	1	b	3
Malin Head	29.62	38	37	S	4	m	Jersey	29.92	36	36	SSE	3	o	3
Mullaghmore	29.57	40	37	ESE	5	o	Rocheport	30.04	41	38	SE	4	c	2
Belmullet	29.47	39	38	SSE	7	o h								

## REMARKS.

The barometer is now falling in nearly all parts of our Islands - most in the west of Ireland, where the wind has increased to a moderate gale from SSE., with rain. Showers are falling at Aberdeen and drizzling rain at Stornoway, but in the southeast of England the weather is fair. The sea is rough at Sumburgh Head and Valencia, rather rough at Stornoway and Scilly, moderate to smooth elsewhere.



# DAILY WEATHER REPORT

for *Saturday 30<sup>th</sup> January 1886.*

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

Issued by the Meteorological Office, 116, Victoria Street, London, R. M. 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	30.27	6	Z	0	0	30.19	- 09	-17	-17	- 18	SW	2	6	*	7	?	-	
Hernösand	30.19	20	NE	2	S	30.06	- 31	15	15	- 1	NE	4	0	*	21	12	-	
Stockholm	30.07	23	E	2	S	29.91	- 34	24	24	+ 1	Z	0	0	*	25	18	0.08	
Wisby	30.06	26	E	4	S	29.87	- 33	30	29	+ 7	ESE	4	0	*	?	19	0.16	
Bodö	29.84	24	E.NE	6	6	29.76	- 26	18	16	- 13	E.NE	6	6	3	?	16	-	
Christiansund	29.75	31	E	1	6	29.60	- 34	31	30	+ 1	ESE	4	6	2	32	21	-	
Skudesnaes	29.77	34	ESE	8	0	29.54	- 38	35	32	+ 2	ESE	8	0	5	?	?	-	
Osø (Christiansund)	29.90	24	N.E	6	0	29.66	- 40	26	25	+ 4	NE	6	8	4	?	?	0.12	
Skagen (The Skaw)	29.92	30	ESE	3	0	29.74	- 31	31	31	+ 3	ESE	3	0	1	?	28	0.04	
Faro	29.81	32	SE	4	0	29.54	- 40	32	32	- 1	SE	5	0	*	?	?	-	
Coxhaven	29.90	33	SE	1	0	29.66	- 36	36	36	+ 1	SEW	3	6	*	36	33	-	
Sumburgh Head	29.38	40	SE	4	0	29.21	- 31	36	33	- 5	SW	1	6	5	43	31	0.35	
Stornoway	29.19	39	WSW	5	0	29.12	- 08	33	33	- 9	WSW	2	6	2	43	31	0.25	
Wick	29.26	35	S	9	0	29.20	- 22	35	33	- 5	SW	2	6	4	40	32	0.12	
Nairn	29.25	39	SW	5	0	29.22	- 13	35	33	- 7	SW	2	6	1	42	31	0.02	
Aberdeen	29.39	37	S	7	19	29.29	- 23	34	32	- 5	SW	4	6	4	40	30	0.31	
Leith	29.36	39	SE	2	0	29.34	- 14	37	35	- 3	SW	3	6	*	40	33	0.01	
Shields	29.46	36	S	2	nm	29.45	- 15	34	33	- 2	S	1	0	8	37	32	0.11	
Spurn Head	29.49	35	SE	6	S	29.61	- 09	38	32	- 2	SEW	3	6	2	37	32	0.07	
York	29.51	34	SE	1	SP	29.55	- 12	34	32	0	S	1	0	*	37	32	0.21	
Loughborough	29.50	34	SE	1	0	29.65	- 02	35	33	0	SEW	4	0	*	38	33	0.21	
Antrossan	29.41	40	W	5	np	29.33	- 07	39	38	- 2	SW	4	0	4	41	34	0.17	
Malin Head	29.46	39	WNW	4	pcq	29.25	+ 02	34	34	- 8	SSW	4	0	3	44	33	-	
Mallaghmore	29.56	35	WNW	6	chsp	29.31	+ 06	36	35	- 8	WSW	6	0	5	44	34	0.21	
Belmullet	29.59	35	WNW	5	cstp	29.28	- 00	39	37	- 5	WSW	7	0	*	44	33	0.31	
Donaghadee	29.53	39	WSW	1	6	29.39	+ 01	35	35	- 7	WSW	3	6	1	44	32	0.05	
Barrow-in-Furness	29.46	37	WNW	4	n	29.46	- 05	38	37	0	S	6	0	*	39	35	0.22	
Liverpool (Bidston)	29.50	38	W	4	0	29.51	- 01	36	35	- 1	S	4	6	2	40	34	0.19	
Holyhead	29.58	42	WNW	6	eqn	29.50	+ 06	40	39	0	SW	4	6	4	45	32	0.05	
Parsonstown	29.68	35	W	1	6	29.45	+ 07	36	35	- 4	SE	1	6	*	43	31	0.20	
Valencia	29.79	42	W	6	beq	29.52	- 03	43	41	- 1	WSW	6	6	6	47	39	0.41	
Roche's Point	29.69	39	WNW	6	1	29.52	+ 07	39	38	- 3	WSW	3	6	4	46	36	0.20	
Pembroke	29.68	43	WNW	7	e	29.61	+ 17	43	42	- 1	SW	6	6	6	45	40	0.08	
Neilly	29.79	45	WNW	8	eq	29.70	+ 15	47	46	0	SW	7	6	6	47	43	0.18	
Prawle Point	29.73	41	W	5	6	29.78	+ 29	45	43	+ 1	SW	6	6	6	46	35	0.05	
Hurst Castle	29.64	42	W	5	6	29.79	+ 14	43	41	+ 3	WSW	6	6	3	47	36	0.34	
Dungeness	29.58	43	WSW	5	1	29.86	+ 10	36	36	- 2	W	4	6	3	43	34	0.04	
London	29.54	43	W	3	0	29.79	+ 08	35	33	- 2	S	2	0	*	43	32	0.04	
Oxford	29.60	40	WSW	3	0	29.73	+ 09	37	34	0	SSW	4	0	*	42	34	0.11	
Cambridge	29.51	37	S	1	n	29.74	+ 04	34	33	- 1	SSW	1	0	*	40	31	0.04	
Yarmouth	29.55	37	SE	6	0	29.72	- 08	33	32	- 3	WSW	3	6	3	38	31	-	
The Helder	29.76	45	WNW	7	6	29.93	+ 34	41	39	+ 1	SW	5	6	4	48	39	0.13	
Cape Gris Nez	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Jersey	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Brest	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Lorient	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Rochefort	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Biarritz	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Coruna	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Brussels	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Charleville	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Paris	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Lyons	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	
Toulon	29.91	46	WNW	7	6	29.98	+ 34	47	42	0	W	7	0	4	48	39	0.08	

## 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, 30<sup>th</sup> January, 1886.

## 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 —

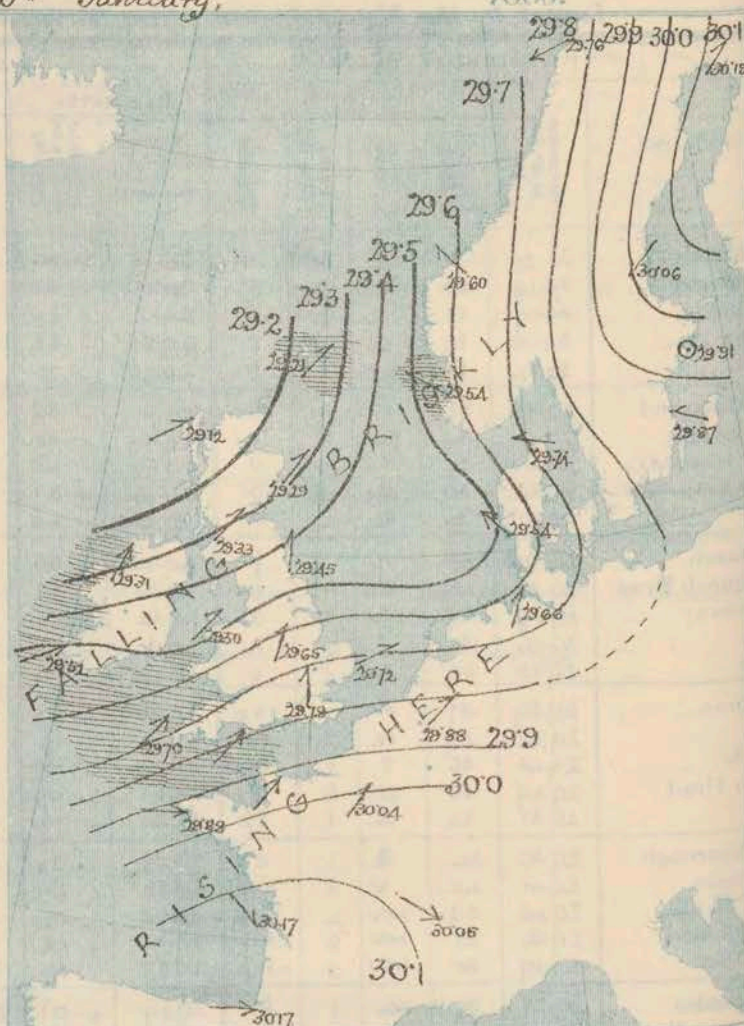
— Force above 10 — Force 5 to 10 — Force 5 to 7 — Force 1 to 4 — Dead calm.

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

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.810
Shields	29.867
York	29.916
Ardrossan	29.917
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Rocha's Point	29.893
Pembroke	29.913
Scilly	29.953
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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 January.

STATIONS	TEMPERATURE				RAINFALL (Inches)
	Daily Max.	Daily Min.	Average Dry.	Average Wet.	
Sumburgh Head	43.0	35.4	39.2	35.3	3.08
Stornoway	43.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.9	35.3	2.02
Aberdeen	42.0	34.1	37.3	35.7	2.34
Leith	45.3	34.0	39.2	37.2	1.95
Shields	43.3	35.1	37.8	36.6	1.79
York	42.4	32.5	36.9	35.9	1.68
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.40
Liverpool	44.4	35.8	38.9	37.3	2.23
Valencia	49.8	40.7	44.1	43.3	6.79
Rocha's Point	47.8	39.9	42.1	42.0	5.68
Pembroke	46.1	40.3	42.8	41.3	3.32
Scilly	49.3	43.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	48.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	39.1	37.1	2.20
Oxford	43.9	34.6	37.6	36.6	2.88
Cambridge	44.3	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1866—85.





# REMARKS.

for Saturday 30<sup>th</sup> January. 1886 at 8 a.m.

The depressions which lay over our western coasts yesterday have since moved eastwards to the North Sea, but the brisk recovery of pressure which took place in their rear has been succeeded during the night by a new and decided fall of the barometer. In Scandinavia and Denmark the mercury has continued to fall slowly, while in France a steady rise has been in progress. The wind is SE<sup>1</sup> on the eastern shores of the North Sea, but SW<sup>2</sup> in our Islands and W<sup>3</sup> in France; in force it is light or moderate on our north and east coasts, but strong in the extreme west and southwest. Fresh or strong NW<sup>4</sup> gales were experienced yesterday on the more exposed parts of our western coasts. The weather is in a changeable, unsettled condition generally; rain is falling in the south of France as well as at Scilly, hail at Malin Head, and snow showers at Stornoway, Kairi and Mullaghmore. In the course of the past 24 hours showers of hail, sleet or cold rain have fallen generally. Lightning was seen last night in the south of Ireland. Temperature has fallen a few degrees in the west and north, and readings now range from 47° at Scilly, to 33° at Stornoway, Spurn H<sup>d</sup>. and Yarmouth. Frost occurred last night in many parts of the kingdom. The sea is rough off our southwest coast, rather rough at Lumburgh Head and Mullaghmore, moderate to smooth elsewhere.

A new depression is apparently advancing towards our north-west coasts, and a continuance of rough unsettled weather is probable in most localities.

## FORECASTS

for the 24 hours ending at NOON on 31<sup>st</sup> January 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.	FORECASTS.	DISTRICTS.	FORECASTS.
1 { SCOTLAND NORTH	SW <sup>ly</sup> to W <sup>ly</sup> or NW <sup>ly</sup> WINDS; UNSETTLED, SOME SNOW.	6 { SCOTLAND WEST	SW <sup>ly</sup> to NW <sup>ly</sup> WINDS, INCREASING IN FORCE; SQUALLY, SOME HAIL OR SLEET SHOWERS.
2 { SCOTLAND EAST	-----D <sup>c</sup> -----D <sup>c</sup> -----D <sup>c</sup> -----	7 { ENGLAND N. W.	-----D <sup>c</sup> -----D <sup>c</sup> -----D <sup>c</sup> -----
3 { ENGLAND N. E.	-----D <sup>c</sup> -----D <sup>c</sup> -----D <sup>c</sup> -----	8 { ENGLAND S. W.	SW <sup>ly</sup> to W <sup>ly</sup> or NW <sup>ly</sup> STRONG WINDS AND GALES; SQUALLY, COLD SHOWERS.
4 { ENGLAND EAST	SAME AS N <sup>o</sup> 5	9 { IRELAND NORTH.	-----D <sup>c</sup> -----D <sup>c</sup> -----D <sup>c</sup> -----
5 { MIDLAND COUNTIES	SAME AS N <sup>o</sup> 5.	10 { IRELAND SOUTH.	-----D <sup>c</sup> -----D <sup>c</sup> -----D <sup>c</sup> -----
5 { ENGLAND SOUTH	SW <sup>ly</sup> to W <sup>ly</sup> WINDS, FRESHENING CONSIDERABLY; SQUALLY, SOME COLD RAIN OR SLEET.	<b>WARNINGS</b> THE NORTH CONE WAS HOISTED YESTERDAY IN DISTRICTS 7 AND 8 AND IS STILL UP. THE SOUTH CONE IS FLYING IN DISTRICTS 0, 1, 6, 9, AND 10.	



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

	Bar.	Dry.	Wet.	Wind.	Wen.	Sea.		Bar.	Dry.	Wet.	Wind.	Wen.	Sea.
Skudesnaes	29.88	33	33	SE	8	0	Holyhead	29.43	43	42	W	4	3
Sumburgh Head	29.44	42	39	SE	6	0	Valencia	29.73	44	41	WNW	6	6
Stornoway	29.17	43	42	SE	8	0	Scilly	29.70	47	42	WNW	7	6
Aberdeen	29.45	40	38	S	8	2	Dungeneas	29.60	40	40	S	5	4
Shields	29.50	39	36	S	3	om	London	29.54	41	40	ESE	4	*
Ardrossan	29.35	40	39	SE	4	0	Yarmouth	29.64	39	36	ESE	5	4
Malin Head	29.34	42	40	WNW	4	be	Jersey	29.66	46	44	W	6	5
Mullaghmore	29.45	44	38	WNW	6	cm	Rochefort	29.94	51	48	W	7	2
Belmullet	29.51	42	38	NW	9	og							

## REMARKS.

The barometer continues to fall at all our northern and eastern stations, but a brisk rise is in progress over Ireland and the southwest of England. A fresh S<sup>W</sup> gale is reported at Stornoway and Aberdeen and a strong NW<sup>W</sup> gale at Belmullet. The sky is clearing somewhat on our western coasts, but rain is falling in the southeast, as well as at Aberdeen. The sea is rough in the north and extreme west.



# DAILY WEATHER REPORT

for. Sunday—31<sup>st</sup> January 1886.

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

Issued by the Meteorological Office, 16, Victoria Street, London, R. N. 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.	
			Dirac.	Force. (0 to 12).		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force. (0 to 12).		Weather.	Max.		Min.
Haparanda	29.02	-5	Z	0	o	29.88	- .31	2	1	+ 19	Z	0	s	*	7	-18	0.04
Hernösand	29.89	10	NE	2	o	29.73	- .33	13	11	- 2	Z	0	o	*	21	9	0.12
Stockholm	29.68	30	E	2	s	29.69	- .22	29	29	+ 5	S	2	b	*	32	21	0.08
Wisby	29.75	33	S	4	o	29.77	- .10	32	31	+ 2	SSW	4	b	*	36	25	0.08
Boö	29.63	21	ENE	6	b	29.43	- .33	21	19	+ 3	ENE	6	bc	3	21	18	-
Christiansund	29.35	33	ESE	4	bc	29.10	- .50	33	33	+ 2	ESE	4	b	2	34	28	-
Skudesnaes	29.31	35	ESE	8	c	29.01	- .53	36	35	+ 1	SSE	6	o	5	36	30	-
Örö (Christiansund).	29.17	27	?SE	4	o	29.16	- .50	36	35	+ 10	S	8	r	4	2	25	0.55
Skagen (The Skaw)	29.51	34	WSW	3	o	29.32	- .42	34	33	+ 3	SSW	6	o	2	34	30	0.04
Fanö	29.53	34	S	6	r	29.30	- .24	34	34	+ 2	S	6	o	*	36	32	0.16
Cuxhaven	29.60	32	SW	4	o	29.48	- .18	36	36	o	SSW	6	r	*	36	32	0.36
Sumburgh Head	29.02	37	SSE	1	b	28.76	- .45	33	32	- 3	SW	1	c	3	40	31	0.04
Stornoway	28.91	37	SSW	4	c	28.76	- .36	29	29	- 4	WSW	5	sq	4	36	26	0.38
Wick	28.91	38	SW	5	o	28.77	- .43	30	29	- 5	WSW	1	bc	1	40	28	-
Nairn	28.96	34	SW	3	bc	28.79	- .43	31	30	- 4	SW	1	b	1	40	29	0.01
Aberdeen	29.03	36	S	3	bc	28.81	- .48	32	31	- 2	SW	2	c	2	38	29	-
Leith	29.10	36	SW	2	c	28.87	- .47	31	31	- 6	W	2	f	*	42	30	0.10
Shields	29.18	38	SSW	4	c	28.99	- .46	35	34	+ 1	SW	2	sp	3	42	31	0.02
Spurn Head	29.33	38	S	4	c	29.14	- .47	35	35	+ 2	SSW	5	org	3	39	33	0.05
York	29.30	39	S	1	r	29.08	- .47	33	33	- 1	W	1	s	*	41	33	0.07
Loughborough	29.29	40	WSW	3	b	29.20	- .45	38	36	+ 3	SW	4	cq	*	43	35	0.03
Ardrossan	29.12	35	W	4	c	28.90	- .43	33	33	- 6	WSW	5	cq	4	40	33	0.10
Malin Head	29.13	34	WNW	4	app. rsn	28.85	- .40	32	32	- 2	WNW	4	bcph	4	40	31	0.24
Millaghmore	29.22	34	W	6	osp	29.03	- .28	36	35	o	W	7	chrg	6	39	33	0.38
Belmullet	29.24	36	WNW	5	c	29.09	- .19	33	33	- 6	WNW	6	c	*	39	33	0.37
Donaghadee	29.22	33	SW	3	b	29.01	- .38	32	32	- 2	WNW	3	b	o	40	31	0.05
Barrow-in-Furness	29.24	39	SW	5	bc	29.02	- .44	38	36	o	WSW	4	cp	*	42	35	0.07
Liverpool (Bidston)	29.32	39	W	5	b	29.09	- .42	38	36	+ 2	WSW	5	cq	4	45	35	0.02
Holyhead	29.33	38	WSW	5	bcph	29.11	- .39	39	37	- 1	WSW	6	cq	5	44	32	0.06
Parsonstown	29.39	34	W	3	s	29.17	- .28	36	35	o	SSW	1	c	*	40	32	0.35
Valencia	29.48	41	W	7	chrg	29.29	- .23	45	43	+ 2	W	6	bcu	6	47	39	0.33
Roche's Point	29.47	39	WNW	7	r	29.25	- .27	45	44	+ 6	W	5	cq	4	45	38	0.18
Pembroke	29.46	40	W	7	c	29.20	- .41	45	44	+ 2	W	7	org	6	46	40	0.06
Seilly	29.61	47	WNW	8	cq	29.40	- .30	51	49	+ 4	W	9	o	7	51	43	0.56
Prawle Point	29.59	43	W	5	c	29.38	- .40	47	47	+ 2	WSW	7	pq	6	47	38	0.43
Harst Castle	29.55	43	WSW	6	bc	29.39	- .40	45	44	+ 2	WSW	7	md	6	46	40	0.42
Dungeness	29.56	42	WSW	8	r	29.44	- .42	43	43	+ 7	WSW	6	r	5	45	36	0.25
London	29.50	40	W	2	b	29.34	- .45	44	43	+ 9	SSW	4	r	*	45	35	0.17
Oxford	29.48	40	W	4	bc	29.29	- .44	39	38	+ 2	SSW	2	org	*	44	36	0.64
Cambridge	29.46	40	S	1	b	29.29	- .45	39	38	+ 5	SW	3	r	*	42	33	0.18
Yarmouth	29.45	40	SSW	6	r	29.30	- .42	37	36	+ 4	SW	4	bc	4	41	32	0.16
The Helder	29.32	37	S	7	r	29.39	-	38	37	-	SW	4	bc	3	39	37	0.32
Cape Gris Nez																	
Jersey	29.70	45	W	6	bm	29.50	- .37	46	45	+ 5	SW	7	omp	6	46	41	0.24
Brest	29.78	49	WNW	7	o	29.71	- .27	50	49	+ 3	WSW	7	o	6	50	46	-
Lorient	29.86	47	WNW	5	b	29.76	- .29	50	48	+ 5	W	8	m	6	50	39	0.28
Rochefort	30.07	47	WSW	7	o	30.00	- .17	49	44	+ 7	W	7	o	7	50	37	0.43
Biarritz	30.21	51	WSW	7	bc	30.16	- .03	50	48	+ 2	SW	7	r	5	50	46	0.08
Corunna	*	*	*	*	*	? 30.42	-	52	50	-	WSW	7	o	4	55	45	-
Brussels	*	*	*	*	*	29.57	- .31	41	39	+ 5	SW	7	o	*	43	?	0.04
Charleville																	
Paris	29.85	37	NNE	4	b	?	- .07	39	38	+ 2	S	4	o	*	44	?	0.20
Lyons	29.89	43	S	4	o	29.76	- .28	44	41	+ 7	S	4	c	*	*	*	-
Toulon	30.10	36	NW	4	b	30.05	00	34	31	- 4	S	3	b	*	43	31	-
	29.78	42	N	7	bc	29.93	-	41	36	-	NW	5	bc	5	46	41	-

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.

† 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 and Denmark, the observations are taken at 8 p.m. (Christiania time).  
These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred<sup>r</sup> Dangerfield Lath London



# WEATHER CHARTS

for 8 a.m. on

Sunday 31<sup>st</sup> January

1886.

## 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.

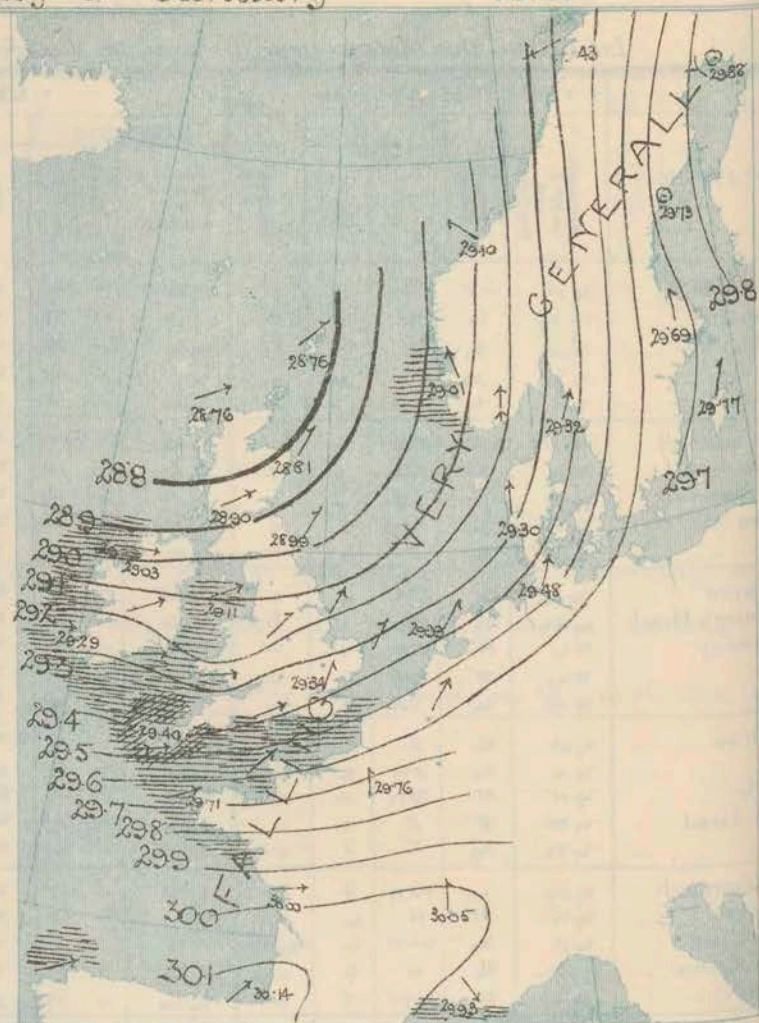
**Sea Disturbance** — where considerable, is shown thus

— Rough, — High.

## MEAN HEIGHT of the BAROMETER

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

STATIONS.	MEAN READINGS.
	in.
Sumburgh Head	29.661
Stornoway	29.657
Wick	29.697
Nairn	29.729
Aberdeen	29.763
Leith	29.819
Shields	29.867
York	29.916
Ardrossan	29.817
Donaghadee	29.828
Holyhead	29.875
Liverpool	29.906
Valencia	29.852
Roche's Point	29.883
Pembroke	29.913
Scilly	29.959
Hurst Castle	29.975
Dover	30.002
LONDON	29.987
Oxford	29.974
Cambridge	29.975
Yarmouth	29.964



## 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.

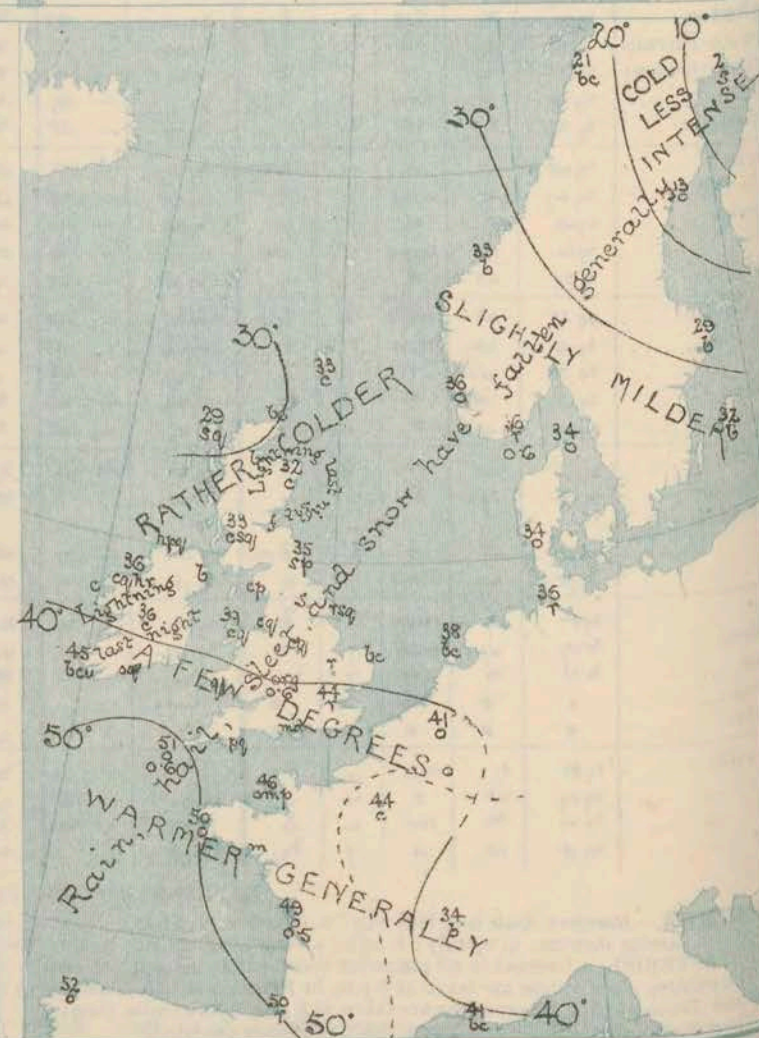
**Rainfall** — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.1 in. or more, are quoted in figures.

## MEANS OF TEMPERATURE IN SHADE. AND RAINFALL.

for the month of January.

STATIONS	TEMPERATURE.				RAINFALL (Inches)
	Daily Max.	Daily Min.	At 8 a.m. Dry.	Wet.	
Sumburgh Head	48.0	35.4	39.2	38.3	3.68
Stornoway	48.1	34.2	38.9	37.6	5.17
Wick	42.4	33.4	37.9	36.5	1.97
Nairn	42.4	33.3	36.0	35.3	2.02
Aberdeen	42.6	34.1	37.8	35.7	2.34
Leith	45.3	34.0	38.2	37.2	1.98
Shields	43.3	35.1	37.8	36.6	1.79
York	43.6	33.5	36.9	35.0	1.88
Ardrossan	45.2	37.1	40.1	38.4	4.53
Donaghadee	44.5	36.3	39.7	38.8	3.03
Holyhead	46.3	39.3	41.7	40.3	3.49
Liverpool	43.4	35.8	38.9	37.3	2.29
Valencia	49.8	40.7	44.1	43.3	6.79
Roche's Point	47.8	39.9	43.1	42.0	5.63
Pembroke	46.1	40.3	42.8	41.3	3.92
Scilly	49.3	48.6	46.5	45.0	3.93
Hurst Castle	45.4	37.5	40.7	40.0	3.10
Dover	43.9	37.0	39.6	38.4	2.68
LONDON	45.2	34.6	38.1	37.1	2.20
Oxford	43.9	34.6	37.8	36.6	2.33
Cambridge	44.2	32.9	36.5	35.7	1.57
Yarmouth	42.2	34.6	37.8	37.1	2.06

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 20 years 1865—85.





REMARKS.  
for Sunday 31<sup>st</sup> January.

1886 at 8 a.m.

The barometer is now falling in all parts of Western Europe, and a large depression (in which readings are below 28.8 ins.) is lying off the north of Scotland, while a subsidiary disturbance is found over Wales. Pressure is still highest in France but relatively high in Scandinavia. Light or moderate breezes from the SW<sup>2</sup> are reported on our north and east coasts, but on the eastern shores of the North Sea it is strong from the S<sup>2</sup>, while in the west and south of our Islands moderate to strong W<sup>2</sup> gales are reported. Fresh to strong W<sup>2</sup> gales were experienced yesterday at several of our western and southern stations. The weather is fine at some of the Irish and Scotch stations, but cloudy or overcast elsewhere, with showers of snow, hail or cold rain in many places. Rain or snow fell yesterday in all parts of the Kingdom, and lightning was seen at Belmullet and Hooker Point. Temperature has fallen a little in the north, but risen elsewhere; readings range from 51° at Sully to 29° at Stromway. The sea is high at Sully, and rough in the west and south generally.

ATLANTIC TELEGRAM.

The Chief Signal Officer at Washington U.S. reports that on the 25<sup>th</sup> Inst a whole gale from SW. veering to NW. was experienced in Lat. 45° N. Long. 46° W. the barometer at 2 a.m. falling to a minimum of 29.6 ins. .

FORECASTS

for the 24 hours ending at NOON on 1<sup>st</sup> February 1886.  
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

1 SCOTLAND  
NORTH

2 SCOTLAND  
EAST

3 ENGLAND  
N. E.

4 ENGLAND  
EAST

5 MIDLAND  
COUNTIES

6 ENGLAND  
SOUTH

6 SCOTLAND  
WEST

7 ENGLAND  
N. W.

8 ENGLAND  
S. W.

9 IRELAND  
NORTH

10 IRELAND  
SOUTH

WARNINGS

None issued

None issued

The north cone was hoisted on Saturday in districts 0, 1, 6, 9, and 10, and the south cone in districts 2, 3, and 5. Signals are still flying on all coasts.



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

TUESDAYS 2 P.M. REPORTS AND REMARKS.															
	Bar.	Dry.	Wet.	Wind.		Wea.	Sea.		Bar.	Dry.	Wet.	Wind.		Wea.	Sea.
Skudesnaes	29.43	35	30	ESE	8	S	5	Holyhead	29.35	43	42	SW	5	omg	4
Sumburgh Head	29.10	38	35	SW	3	C	5	Valencia	29.47	43	41	W	7	C	6
Stornoway	28.96	39	33	S	5	sq	5	Scilly	29.63	48	44	W	7	C	7
Aberdeen	29.16	38	35	S	4	C	4	Dungeness	29.70	44	43	WSW	7	C	4
Shields	29.29	42	40	SSW	3	C	3	London	29.80	45	43	SW	5	opg	*
Ardrossan	29.14	38	37	SW	6	C	4	Yarmouth	29.80	41	40	SSW	5	sq	4
Malin Head	29.05	35	35	SW	4	C	4	Jersey	29.70	44	43	SW	7	r	5
Mullaghmore	29.21	39	35	WSW	6	C	6	Rochefort	30.16	50	45	WSW	5	bc	2
Belmullet	29.24	39	35	W	6	bc	*								

## REMARKS.

The barometer continues to fall generally, and fresh or strong S<sup>3</sup> or SW<sup>3</sup> winds prevail on all but our extreme south-west coast, where moderate W<sup>3</sup> gales are reported. Snow is falling at Stornoway, and showers of hail or cold rain in many other parts of the Kingdom. The sea is high at Scilly, and rough on our south-western, western, and extreme northern coasts generally.



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR

JAN<sup>y</sup>

1886

## 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.	Barometre. Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	SHADE TEMP.			WIND.		Weather.	Sea. (0 to 6.)	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.			
1 <sup>st</sup>	Haparanda...	29.63	-15	E	2	b	29.12	-.60	1	1	+10	NE	1	0	*	?	-18	0.08		
"	Hernösand...	29.37	25	SSW	8	s	29.13	-.56	17	17	+9	Z	0	0	*	25	1	0.16		
"	Stockholm...	29.69	29	SW	4	o	29.23	-.49	35	35	+21	WSW	2	0	*	?	12	0.04		
"	Frisby...	29.78	30	NW	6	c	29.29	-.41	24	36	+12	N	6	0	*	39	19	0.20		
"	Corunna...	*	*	*	*	*	30.50	-.09	48	48	+2	NE	1	0	*	52	45	0.12		
"	Brussels...	*	*	*	*	*	30.09	+2.24	41	40	+7	SW	4	0	*	?	33	0.08		
"	Boulton...	30.02	40	E	1	b	30.04	-.04	37	34	0	NW	1	0	2	46	37	-		
2 <sup>nd</sup>	The Helder...	29.86	44	SW	4	n	29.76	-.16	44	-	+1	WSW	3	0	3	46	42	0.04		
"	Cape Gris Neg...	30.04	46	N	5	o	29.93	-.12	46	-	0	N	7	0	6	46	42	-		
"	Corunna...	*	*	*	*	*	30.43	-.09	39	39	-9	ENE	1	0	4	55	39	0.04		
4 <sup>th</sup>	Cape Gris Neg...	29.93	46	SSW	8	n	29.76	-.29	45	-	+4	SW	8	0	6	48	41	0.12		
"	Corunna...	*	*	*	*	*	30.39	-	48	46	-	E	4	0	3	50	37	-		
"	Mullaghmore 2pm	-	-	-	-	-	29.49	-	38	37	-	W	6	0	q	-	-	-		
5 <sup>th</sup>	Mullaghmore	29.46	37	WSW	7	c	29.47	-.07	41	39	0	N	9	0	q	43	35	0.23		
6 <sup>th</sup>	Cape Gris Neg...	29.62	41	N	11	bc	29.57	-.05	36	-	-3	E	4	0	3	45	36	0.12		
"	Corunna...	*	*	*	*	*	30.24	-.05	46	46	-5	W	3	0	1	54	41	0.12		
7 <sup>th</sup>	The Helder...	29.76	36	NE	3	b	30.01	+3.7	32	30	-2	WNW	1	0	1	37	25	0.20		
"	Corunna...	*	*	*	*	*	30.03	-.21	42	41	-1	ENE	9	0	7	54	36	0.47		
8 <sup>th</sup>	Cape Gris Neg...	30.02	31	ESE	3	b	29.76	-.16	36	-	+8	SW	11	0	7	39	?	0.16		
9 <sup>th</sup>	Haparanda...	29.71	-18	N	2	o	29.99	+3.5	-22	-	0	N	2	0	*	1	-22	-		
"	Hernösand...	29.62	13	N	1	o	29.94	+5.0	15	-	+5	N	2	0	*	16	-11	-		
"	Stockholm...	29.68	23	N	1	o	29.77	+1.1	27	-	+3	SSE	2	0	*	27	1	-		
"	Bodo...	29.48	9	ENE	6	b	29.66	+3.8	9	-	-3	ENE	6	0	4	12	5	-		
"	Christiansund	29.20	28	NE	3	o	29.59	+1.69	31	-	-6	SSE	3	0	3	37	28	-		
"	Cape Gris Neg...	29.57	35	WNW	8	b	29.68	-.08	30	-	-6	WNW	8	0	6	39	30	-		
"	Corunna...	*	*	*	*	*	30.28	+0.3	44	44	+7	WNW	2	0	4	54	36	0.12		
"	Malin Hd. 2pm	-	-	-	-	-	30.04	-	39	36	-	NW	3	0	4	-	-	-		
10 <sup>th</sup>	Malin Hd...	30.11	36	SW	1	o	29.87	-.23	46	46	+10	WNW	2	0	3	46	34	0.12		
"	Cape Gris Neg...	29.78	39	NW	1	o	30.01	+3.3	34	-	+4	N	1	0	5	41	30	-		
11 <sup>th</sup>	Malin Hd...	29.70	46	N	2	f	30.05	+1.8	41	37	-5	WNW	6	0	6	47	41	0.32		
"	Cape Gris Neg...	29.91	35	N	1	bc	29.84	-.17	30	-	-4	S	5	0	5	37	30	-		
12 <sup>th</sup>	Cape Gris Neg...	29.78	32	S	7	s	30.04	+2.0	33	-	+3	N	7	0	5	37	30	0.24		
"	Corunna...	*	3	*	*	*	30.34	-	48	45	-	NE	8	0	7	54	45	-		
13 <sup>th</sup>	Cape Gris Neg...	30.00	36	NW	4	o	29.51	-.53	43	-	+10	SW	5	0	3	?	?	0.12		
"	Corunna...	*	*	*	*	*	30.32	-.02	42	41	-6	ENE	3	0	4	52	39	-		
14 <sup>th</sup>	Cape Gris Neg...	29.25	40	WNW	8	n	29.60	+0.9	39	-	-4	N	8	0	5	43	37	0.39		
15 <sup>th</sup>	Pembroke...	30.04	43	WNW	3	c	29.77	-.26	47	46	+8	WSW	6	0	5	47	38	0.02		
"	Biarritz...	29.94	40	NE	5	b	30.18	+5.0	38	-	-1	W	4	0	5	46	35	-		
16 <sup>th</sup>	Cape Gris Neg...	29.67	41	SW	9	n	29.67	-.20	38	-	-3	W	7	0	5	43	37	0.20		
"	Corunna...	*	*	*	*	*	30.29	-.05	48	45	+11	N	7	0	7	52	37	0.16		
17 <sup>th</sup>	Cape Gris Neg...	29.71	39	W	7	o	29.54	-.13	41	-	+3	N	7	0	5	45	37	0.16		
18 <sup>th</sup>	Bodo...	29.30	31	E	4	o	29.30	+2.0	33	30	+4	SE	5	0	2	?	27	-		
"	Christiansund	28.88	37	SE	4	bc	29.06	+0.5	35	31	+1	ESE	1	0	3	39	30	0.08		
"	Ors...	29.17	35	WSW	4	n	29.10	-.06	38	-	+1	SSE	8	0	8	39	34	0.28		
"	Cape Gris Neg...	29.42	41	W	11	n	29.04	-.50	40	-	-1	SW	5	0	5	46	36	0.63		
"	Corunna...	*	*	*	*	*	29.84	-.36	51	47	+3	NW	9	0	6	54	45	0.87		
19 <sup>th</sup>	Corunna...	*	*	*	*	*	29.84	-.00	42	41	-9	WNW	9	0	8	?	37	0.20		
20 <sup>th</sup>	Cape Gris Neg...	29.37	33	NE	1	b	29.49	+1.7	25	-	-7	E	1	0	6	37	25	-		
21 <sup>st</sup>	Cape Gris Neg...	29.44	32	SW	4	o	29.28	-.27	34	-	+9	N	1	0	1	34	?	0.04		
"	Corunna...	*	*	*	*	*	29.61	-.23	41	41	-4	SW	1	0	4	50	39	0.08		
22 <sup>nd</sup>	Cape Gris Neg...	29.32	30	S	1	s	29.43	+1.5	26	-	-8	E	3	0	1	37	21	0.08		
"	Corunna...	*	*	*	*	*	29.60	-.01	44	42	+3	ENE	5	0	4	52	41	0.08		
23 <sup>rd</sup>	Cape Gris Neg...	29.48	30	E	1	s	29.45	+0.2	35	-	+9	NW	5	0	5	?	?	-		
"	Cape Gris Neg...	29.47	37	SW	4	n	29.56	+1.1	28	-	-7	ESE	4	0	1	39	23	0.47		
24 <sup>th</sup>	Cape Gris Neg...	29.46	30	SE	4	o	29.33	-.29	38	-	+10	W	5	0	5	?	?	0.51		
"	Corunna...	*	*	*	*	*	29.82	+3.8	49	48	+1	WNW	8	0	4	55	46	0.71		
25 <sup>th</sup>	Pointe Point	29.18	35	WNW	2	n	29.43	+1.7	32	31	0	NE	2	0	2	37	31	0.62		
"	Corunna...	*	*	*	*	*	29.79	-.03	41	39	-8	SSW	5	0	4	?	?	0.12		
26 <sup>th</sup>	The Helder...	29.80	32	SSW	1	b	29.89	+3.5	32	32	-2	ENE	1	0	1	39	28	-		
"	Cape Gris Neg...	29.65	39	SW	5	b	29.79	+2.9	34	34	-6	SE	1	0	1	45	34	-		
27 <sup>th</sup>	Spurn Head...	29.89	37	ESE	3	b	29.87	+0.4	35	35	-3	SSE	3	0	3	41	34	-		
"	Corunna...	*	*	*	*	*	30.06	+3.8	39	39	+2	E	1	0	4	50	36	-		
28 <sup>th</sup>	The Helder...	29.67	33	ESE	1	c	29.68	-.24	38	-	+11	N	5	0	3	39	27	0.08		
"	Cape Gris Neg...	29.51	37	S	7	n	29.80	+0.4	39	-	-7	W	5	0	4	55	43	0.24		
"	Corunna...	*	*	*	*	*	30.41	+2.3	46	43	-1	NW	4	0	4	54	30	-		
29 <sup>th</sup>	Boulton...	29.2	44	WNW	4	bc	29.20	+0.2	42	-	-2	N	8	0	8	45	30	-		
30 <sup>th</sup>	Cape Gris Neg...	29.39	39	SW	8	b	29.49	-.31	42	-	+3	SW	9	0	8	45	30	0.04		

Continued on page 4.



SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING  
Observations are made at 8 a.m. daily, but the numbers of days of Rain, Snow, Hail,  
(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.	Sumbargh Head ...	29.421	36.1	31.7	39.6	35.7	25	6 <sup>th</sup> + 12 <sup>th</sup>	45	3 <sup>rd</sup> + 12 <sup>th</sup>	0.185
	Wick ...	29.478	35.4	30.3	38.7	34.5	8	10 <sup>th</sup>	50	1 <sup>st</sup>	.186
	Stornoway ...	29.491	36.6	31.9	40.6	36.3	20	18 <sup>th</sup>	51	1 <sup>st</sup>	.206
1. SCOTLAND, E.	Nairn ...	29.509	34.3	29.3	38.6	34.0	12	19 <sup>th</sup>	53	1 <sup>st</sup>	.170
	Aberdeen ...	29.517	35.0	30.4	39.4	34.9	15	7 <sup>th</sup>	57	1 <sup>st</sup>	.166
	Leith ...	29.542	35.5	30.9	39.9	35.4	12	19 <sup>th</sup>	52	1 <sup>st</sup> + 3 <sup>rd</sup>	.187
2. ENGLAND, N.E.	Shields ...	29.565	35.6	31.2	40.1	35.7	19	8 <sup>th</sup>	53	1 <sup>st</sup>	.192
	York ...	29.603	34.0	29.8	40.0	34.9	16	19 <sup>th</sup> + 20 <sup>th</sup>	53	3 <sup>rd</sup>	.178
	Spurn Head ...	29.577	36.2	32.9	39.5	36.2	26	8 <sup>th</sup>	49	3 <sup>rd</sup>	.202
3. ENGLAND, E.	Yarmouth ...	29.616	35.4	31.7	39.1	35.4	23	8 <sup>th</sup>	50	1 <sup>st</sup>	.188
	Cambridge ...	29.645	34.3	29.6	40.2	34.9	22	8 <sup>th</sup>	53	2 <sup>nd</sup>	.182
4. MIDLAND COUNTIES.	Loughborough ...	29.630	34.8	31.7	40.5	36.1	24	19 <sup>th</sup> + 20 <sup>th</sup>	51	2 <sup>nd</sup> + 3 <sup>rd</sup>	.178
	Oxford ...	29.663	35.0	31.2	40.6	35.9	14	8 <sup>th</sup>	52	3 <sup>rd</sup>	.184
5. ENGLAND, S.	London ...	29.664	35.5	31.4	41.7	36.6	18	8 <sup>th</sup>	53	2 <sup>nd</sup>	.184
	Dungeness ...	29.667	36.8	32.5	42.8	37.7	14	8 <sup>th</sup>	49	2 <sup>nd</sup> + 3 <sup>rd</sup> + 4 <sup>th</sup>	.211
	Hurst Castle ...	29.674	38.5	33.8	44.4	39.1	26	8 <sup>th</sup>	49	2 <sup>nd</sup>	.214
6. SCOTLAND, W.	Ardrossan ...	29.568	36.5	32.5	40.2	36.4	22	7 <sup>th</sup>	50	1 <sup>st</sup>	.204
7. ENGLAND, N.W.	*Hawes Junction ...	28.332	30.7	25.7	35.9	30.8	12	20 <sup>th</sup>	50	25 <sup>th</sup> + 31 <sup>st</sup>	.154
	Barrow-in-Furness ...	29.593	36.3	33.2	40.0	36.6	25	20 <sup>th</sup>	47	1 <sup>st</sup> + 3 <sup>rd</sup>	.188
	Liverpool Obs <sup>y</sup> (Bidston) ...	29.609	36.4	33.6	40.7	37.2	25	20 <sup>th</sup>	53	3 <sup>rd</sup>	.185
	Holyhead ...	29.626	38.9	35.7	42.4	39.1	22	25 <sup>th</sup>	50	1 <sup>st</sup>	.210
8. ENGLAND, S.W.	Pembroke ...	29.659	40.1	36.5	43.5	40.0	27	24 <sup>th</sup> + 23 <sup>rd</sup>	49	1 <sup>st</sup> + 2 <sup>nd</sup> + 3 <sup>rd</sup> + 4 <sup>th</sup>	.214
	Prawle Point ...	29.704	38.5	33.3	44.4	38.9	25	8 <sup>th</sup> + 24 <sup>th</sup> + 23 <sup>rd</sup>	50	2 <sup>nd</sup> + 3 <sup>rd</sup> + 4 <sup>th</sup>	.214
9. IRELAND, N.	Malin Head ...	29.588	38.4	34.6	43.2	38.9	26	8 <sup>th</sup>	50	1 <sup>st</sup> + 2 <sup>nd</sup> + 3 <sup>rd</sup>	.206
	Donaghadee ...	29.605	37.4	33.6	41.4	37.5	22	7 <sup>th</sup>	52	3 <sup>rd</sup>	.206
	Mullaghmore ...	29.634	39.3	35.9	42.5	39.2	28	23 <sup>rd</sup>	52	3 <sup>rd</sup>	.215
	Belmullet ...	29.664	40.1	35.8	43.5	39.7	28	7 <sup>th</sup> + 18 <sup>th</sup> + 19 <sup>th</sup>	51	3 <sup>rd</sup>	.204
10. IRELAND, S.	Parsonstown ...	29.694	35.2	30.1	40.8	35.5	18	7 <sup>th</sup> + 24 <sup>th</sup>	52	3 <sup>rd</sup>	.183
	Valencia ...	29.750	41.9	37.2	46.4	41.8	27	7 <sup>th</sup> + 26 <sup>th</sup>	54	3 <sup>rd</sup>	.210
	Roche's Point ...	29.703	39.3	35.4	45.1	40.3	28	7 <sup>th</sup>	53	1 <sup>st</sup> + 2 <sup>nd</sup> + 3 <sup>rd</sup>	.210
CHANNEL ISLANDS.	Scilly (St. Mary's) ...	29.714	44.3	39.9	46.8	43.4	34	23 <sup>rd</sup> + 24 <sup>th</sup>	52	2 <sup>nd</sup>	.238
	Jersey (Noirmont) ...	29.729	40.6	37.3	44.6	41.0	27	21 <sup>st</sup>	50	2 <sup>nd</sup> + 3 <sup>rd</sup> + 4 <sup>th</sup>	.223
* Hawes Junction is 1135 feet above mean Sea Level											

\* Hawes Junction is 1135 feet above mean Sea Level and 16

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STATIONS in the BRITISH ISLANDS during the Month of JANUARY 1886  
 Thunderstorms and Gales are counted irrespective of the hours at which they occurred.  
 Latitude, beginning in each case with the Station lying furthest North.)

Relative Humidity	Amount of Cloud	Rainfall.			Weather							Wind								
		Total Fall in the month	Maximum Fall in one day	Date	No. of Days of							No. of Observation of								
					Rain	Snow	Hail	Thunderstorms	Clear Sky	Overcast	Gales	North	N.E.	East	S.E.	South	S.W.	West	N.W.	Calms
%		ins.	in.																	
86	8.8	4.44	0.64	1 <sup>st</sup>	31	12	1	0	1	22	4	4	5	2	5	3	3	5	3	1
90	7.0	4.03	0.70	8 <sup>th</sup>	28	12	2	0	5	15	7	2	4	2	3	4	6	4	6	0
96	7.9	6.25	0.64	16 <sup>th</sup>	27	11	11	0	2	17	12	3	2	7	1	3	5	8	2	0
85	6.2	2.70	0.30	4 <sup>th</sup> + 24 <sup>th</sup>	26	15	0	0	6	9	2	0	2	5	1	1	11	6	2	3
81	7.1	2.33	0.32	23 <sup>rd</sup>	20	9	3	0	4	14	4	1	2	3	2	3	7	8	4	1
90	5.5	2.85	0.43	23 <sup>rd</sup>	22	12	0	1	8	7	0	1	2	2	4	1	3	11	7	0
92	7.4	2.39	0.40	10 <sup>th</sup>	16	9	5	0	6	17	3	2	3	5	0	3	12	4	1	1
90	6.6	3.05	0.50	25 <sup>th</sup>	21	9	0	0	8	16	0	7	1	4	2	3	1	9	4	0
94	6.3	1.77	0.20	10 <sup>th</sup>	23	14	1	1	7	12	7	2	2	4	2	4	7	7	3	0
91	6.4	2.63	0.34	13 <sup>th</sup> + 20 <sup>th</sup>	26	9	3	1	6	10	0	2	3	2	2	3	6	9	2	2
92	6.3	2.42	0.26	10 <sup>th</sup>	22	10	1	0	11	17	0	6	0	1	0	3	11	0	4	6
88	7.5	2.80	0.27	25 <sup>th</sup>	22	13	4	0	3	17	4	2	3	2	6	1	6	7	4	0
90	6.8	4.02	0.64	30 <sup>th</sup>	25	11	2	0	10	19	0	1	3	2	3	3	8	7	6	1
88	7.0	3.52	0.36	16 <sup>th</sup>	22	14	1	0	8	19	6	2	2	3	0	5	8	4	3	4
98	6.5	4.05	0.60	5 <sup>th</sup>	22	5	0	0	5	11	2	4	1	1	0	6	4	9	6	0
92	5.8	3.87	0.43	12 <sup>th</sup>	25	6	0	0	9	9	8	2	2	1	2	2	5	12	5	0
93	7.1	3.32	0.54	10 <sup>th</sup>	25	10	2	0	6	15	10	3	6	4	1	1	6	4	4	2
89	8.1	10.19	1.59	3 <sup>rd</sup>	23	14	1	1	4	22	5	7	4	2	3	1	4	5	3	2
88	7.3	3.54	0.65	27 <sup>th</sup>	22	4	1	0	1	13	3	5	7	1	3	2	4	4	5	0
86	7.6	3.61	0.49	18 <sup>th</sup>	26	10	5	0	4	17	4	3	3	3	4	3	4	8	4	0
89	7.4	3.01	0.63	12 <sup>th</sup>	25	5	4	0	3	15	9	4	5	1	1	5	7	6	2	0
89	7.4	3.86	0.58	19 <sup>th</sup>	25	6	2	0	2	13	11	5	4	2	1	2	2	9	6	0
92	6.8	5.63	0.87	4 <sup>th</sup>	25	8	4	1	6	16	7	7	2	0	0	1	6	7	8	0
89	8.5	3.58	0.70	12 <sup>th</sup>	26	8	8	1	2	23	5	3	6	2	1	4	5	5	5	0
92	5.1	3.58	0.59	12 <sup>th</sup>	23	9	0	2	10	7	8	4	1	6	2	2	4	7	5	0
90	7.6	5.25	0.54	17 <sup>th</sup>	24	11	3	0	1	9	15	3	3	6	1	2	6	7	3	0
82	8.0	6.01	0.54	16 <sup>th</sup>	28	3	4	2	1	17	11	5	1	7	1	1	3	9	4	0
88	7.6	4.07	0.74	17 <sup>th</sup>	22	11	0	0	3	17	0	1	2	0	2	0	4	7	3	12
85	6.7	5.17	0.69	28 <sup>th</sup>	23	1	9	0	3	9	8	8	4	2	2	0	2	7	6	0
90	5.7	2.84	0.50	3 <sup>rd</sup>	22	3	1	0	6	8	9	8	4	0	0	1	2	8	8	0
80	7.9	3.39	0.56	30 <sup>th</sup>	27	0	8	0	1	14	10	6	5	1	0	0	5	6	6	2
89	8.2	4.56	0.52	24 <sup>th</sup>	25	6	8	3	1	17	12	3	3	1	3	4	5	7	5	0
Barometric Observations at this Station are not corrected for altitude.																				

Baremetric Observations at this Station are not corrected for altitude.



# 2. CORRECTIONS.

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.
				Dirac.	Force (0 to 12.)		Reading at 32° F. and Sea Level.	Difference from 8 a.m. yesterday.	Dry.	Wet.	Difference from 8 a.m. yesterday.	Dirac.	Force (0 to 12.)		Max.	Min.	
1 <sup>st</sup>	Belmullet																0.02
2 <sup>nd</sup>	Scilly 2pm						30.20										
3 <sup>rd</sup>	Shields	29.72															
4 <sup>th</sup>	York	29.85															
5 <sup>th</sup>	Ardrossan								45		4						
6 <sup>th</sup>	Parsonstown	30.00															
7 <sup>th</sup>	Ardrossan														46		
8 <sup>th</sup>	Hurst Castle														45		
9 <sup>th</sup>	Stornoway		34									111E					
10 <sup>th</sup>	Doughborough									34							
11 <sup>th</sup>	Ardrossan														42		
12 <sup>th</sup>	Stornoway		31														
13 <sup>th</sup>	Nairn			111E													
14 <sup>th</sup>	Spurn Head																0.02
15 <sup>th</sup>	Mullaghmore			111W													
16 <sup>th</sup>	Parsonstown																0.35
17 <sup>th</sup>	Pembroke						29.49	-23									
18 <sup>th</sup>	Franklin Point						29.49	-35									
19 <sup>th</sup>	Barron-in-Furness																No rain
20 <sup>th</sup>	Stornoway 2pm												8				
21 <sup>st</sup>	Leith	29.49															
22 <sup>nd</sup>	Roche's Point																0.12
23 <sup>rd</sup>	Ardrossan 2pm						29.58					NW					
24 <sup>th</sup>	Ardrossan	29.71															
25 <sup>th</sup>	Leith		42														
26 <sup>th</sup>	Roche's Point															41	
27 <sup>th</sup>	Cambridge	29.27															
28 <sup>th</sup>	Stornoway		46														
29 <sup>th</sup>	Valencia																0.15
30 <sup>th</sup>	Roche's Point	29.99															
31 <sup>st</sup>	SKagen								35		+ 1						
32 <sup>nd</sup>	Spurn Head														44		
33 <sup>rd</sup>	Shields						29.18										
34 <sup>th</sup>	Parsonstown																0.74
35 <sup>th</sup>	Valencia											NW					No rain
36 <sup>th</sup>	Bungness																
37 <sup>th</sup>	Stornoway														37		
38 <sup>th</sup>	Valencia	29.38															
39 <sup>th</sup>	Doughborough			WW													
40 <sup>th</sup>	Liverpool														34		
41 <sup>st</sup>	Cambridge																0.04
42 <sup>nd</sup>	Parsonstown	29.66															
43 <sup>rd</sup>	Cambridge																0.18
44 <sup>th</sup>	Cambridge																0.01
45 <sup>th</sup>	Ardrossan 2pm								37								
46 <sup>th</sup>	Ardrossan									35							
47 <sup>th</sup>	Cambridge																0.14
48 <sup>th</sup>	Shields	29.57															
49 <sup>th</sup>	Spurn Head								31	31	- 5						
50 <sup>th</sup>	Doughborough						29.45	- 05									
51 <sup>st</sup>	Spurn Head															31	
52 <sup>nd</sup>	Pembroke								33		+ 3						
53 <sup>rd</sup>	Cambridge																0.20
54 <sup>th</sup>	Donaghadee															35	
55 <sup>th</sup>	Mullaghmore 2pm						29.56										
56 <sup>th</sup>	Ardrossan	29.62															
57 <sup>th</sup>	Pembroke								30	30						30	
58 <sup>th</sup>	Hurst Castle						29.87										
59 <sup>th</sup>	Nairn														43	34	
60 <sup>th</sup>	Doughborough		38														
61 <sup>st</sup>	Doughborough		35														
62 <sup>nd</sup>	Malin Head																0.06
63 <sup>rd</sup>	Yarmouth																0.09

Note.—The minimum thermometer at Holyhead was out of order during this month, and the minimum temperature reading for each day should be 4° higher than that published.

In the Monthly Summary for Dec. 1886 the total rainfall at Belmullet should read 3.30 ins.