

EIGHT A.M.

## WEATHER REPORT. 1871.

October 1<sup>st</sup>

Sun-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.59	35	35	NNW	4	4	WSW	—	oc	—	4
*Skudesnaes ...	29.52	42	39	ENE	2	2	NNE	—	b	—	2
*Oxo(Christiansand)	29.54	37	35	N	2	6	ENE	—	b	—	2
Shetland (Samburgh Id.)	29.42	44	42	ESE	5	4	ESE	2	c	—	4
Thurso ...	29.27	46	42	ESE	5	2	SSW	8	co	—	3
Wick ...	29.37	49	46	ESE	6	4	ESE	8	r	—	4
Nairn ...	29.19	43	41	SE	2	2	NE	9	bo	—	1
Aberdeen ...	29.22	47	44	SE	6	6	SE	9	co	0.02	7
Leith ...	29.11	44	43	SE	2	2	S	9	bt	0.29	—
Shields ...	29.18	46	45	SE	4	5	N	8	bt	0.18	4
Scarborough...	29.15	47	46	S	5	8	N	9	co	—	4
Yarmouth ...	29.26	54	53	S	5	7	NW	6	r	0.61	4
Ardrossan ...	29.10	45	43	ENE	3	7	SE	7	c	0.35	3
Greencastle ...	29.05	49	48	SSW	2	7	SE	9	ot	0.10	—
Holyhead ...	—	56	55	WSW	6	8	WSW	5	c	0.39	—
Liverpool (Bidston Obs.)	29.18	52	49	SW	2	4	SE	8	co	0.06	3
Valencia ...	29.18	53	53	W	7	7	WSW	8	rpg	0.88	6
Roche's Point	29.21	54	53	WSW	6	8	SW	8	rd	0.65	5
Pembroke ...	29.18	53	52	WSW	7	9	WSW	7	oc	0.48	4
Scilly ...	29.40	56	55	W	7	7	W	6	og	0.85	6
Plymouth ...	29.35	53	54	W	3	6	SW	8	rm	0.51	2
Portsmouth ...	29.30	54	53	W	5	6	N	5	cb	0.53	5
Dover ...	29.28	54	54	SW	8	8	SW	7	co	0.38	6
London ...	29.26	54	53	WSW	4	6	NW	3	brc	0.53	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	29.43	48	46	S	8	9	NW	9	ot	0.08	5
Brest ...	29.58	59	57	W	8	9	WSW	9	ro	0.57	5
L'Orient ...	29.58	59	59	W	8	8	W	9	r	0.63	7
Rochefort ...	29.77	60	56	W	7	5	W	9	ot	0.20	5
Biarritz...	29.99	63	63	—	4	7	SW	9	o	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	29.56	50	—	SW	2	—	—	—	ot	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.94	61	56	NW	5	4	S	6	mc	—	6
Heart's Content (9 a.m. local time.)	30.27	48	45	ENE	1	1	SSW	8	bo	—	2

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Ardrossan ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Scilly ...	—	—	—	—	—	—	—	—	—	—	—
London...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



day

*Reports received too late for insertion in their proper places.*

[illegible]

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 2<sup>nd</sup>

Mon-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturbance (0 to 9)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.58	34	31	ESE	4	4	ENE	—	cb	—	3
*Skudesnaes ...	29.10	42	35	E	4	0	Z	—	cb	—	4
*Oxo (Christiansand)	29.49	37	34	NE	—	6	—	—	bc	—	5
Shetland (Sumburgh Hd.)	29.422	43	42	ENE	4	7	E	6	cz	0.30	4
Thurso ...	29.342	47	43	ENE	5	5	ESE	7	cc	0.26	4
Wick ...	29.362	48	46	E	6	6	ESE	8	zo	0.14	4
Nairn ...	29.282	46	45	ESE	2	4	SE	9	o	0.27	2
Aberdeen ...	29.242	47	46	E	7	9	E	9	z	1.33	9
Leith ...	29.132	52	51	NNE	2	2	SE	8	co	0.03	—
Shields ...	29.122	46	45	WNW	2	4	SE	7	m	—	3
Scarborough ...	29.162	46	45	W	2	4	SW	9	o	0.15	2
Yarmouth ...	29.172	50	49	W	4	5	WSW	6	zc	0.38	4
Ardrossan ...	29.192	47	45	NW	1	2	SE	5	c	—	1
Greencastle ...	29.242	48	47	WNW	1	2	SSW	7	zc	0.25	—
Holyhead ...	29.252	51	49	WNW	3	8	WSW	5	c	0.22	—
Liverpool (Bidston Obs.)	29.252	53	50	WNW	4	4	WNW	8	co	0.38	3
Valencia ...	29.452	55	54	W	6	9	W	4	p	0.50	6
Roche's Point	29.412	53	51	WNW	4	6	WSW	7	po	0.22	4
Pembroke ...	29.312	54	51	WNW	6	10	W	5	c	0.03	4
Scilly ...	29.502	56	54	WNW	8	9	W	6	gc	0.08	7
Plymouth ...	29.412	54	52	WNW	4	5	W	1	m f	0.11	—
Portsmouth ...	29.312	52	50	NW	5	7	W	1	gpb	0.32	5
Dover ...	29.222	50	49	W	3	5	WSW	5	bc	0.06	3
London ...	29.232	50	49	WNW	3	7	W	8	gto	0.20	—
Helder ...	29.07	51	—	NW	4	—	—	—	—	—	4
Cape Gris Nez	29.232	54	49	WNW	7	9	W	7	zo	0.32	5
Brest ...	29.632	55	53	NW	7	9	NW	8	of	0.04	6
L'Orient ...	29.632	58	54	WNW	8	9	WNW	6	zc	0.39	7
Rochefort ...	29.732	63	58	N	8	8	W	9	o	0.20	5
Biarritz ...	29.932	63	59	—	9	9	N	9	z	0.08	7
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	29.43	55	—	WSW	6	—	—	—	c	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	—	—	—	—	—	—	—	—	—	—	—
Heart's Content (9 a.m. local time.)	30.255	45	43	NNE	1	1	NE	2	cb	—	2

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	3
Thurso ...	29.40	51	45	E	5	—	—	6	c	—	3
Scarborough ...	29.25	53	50	WSW	2	—	—	9	o	—	—
Greencastle	—	—	—	—	—	—	—	—	—	—	—
Ardrossan ...	29.27	53	49	ESE	1	—	—	4	c	—	—
Holyhead	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	29.29	56	53	SW	2	—	—	5	c	—	5
Valencia ..	29.47	54	52	W	5	—	—	7	p	—	6
Scilly ...	29.54	57	54	W	6	—	—	8	co	—	—
London ...	29.35	60	53	WSW	3	—	—	9	co	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—extremely high sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Mon-day

During Saturday night the barometer fell very rapidly on our west and north coasts, and to a less extent elsewhere; and yesterday a serious barometrical depression appears to have crossed the British Isles from which pressure is now recovering on all our coasts. The lowest reading is at Shields, being 0.81 in: lower than that at Biarritz.

Temperature has changed variably, but is much higher in the N than it was on Saturday, and lower in the W of France.

It has blown a gale from SW and W on the western and southern coasts since Saturday night, and from E at Aberdeen last night. The wind has however now subsided, except at Scilly and in the west of France, where it still blows a gale from NW.

Rain has been general - very heavy at Aberdeen. Bright aurora was seen at Thurso on Saturday night; and a thunderstorm occurred in London yesterday afternoon. The sky continues very cloudy except at Plymouth and Portsmouth. There is a tremendous sea running at Aberdeen, and the sea continues rough on the SW coasts. Elsewhere it is moderate.

2 P.M. The barometer has continued rising except at Greenacastle, where there is no change. The wind has moderated considerably at Scilly, and the sea gone down somewhat. At Greenacastle the wind has shifted to ESE again, but is very light.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
Sept 30.	St. James's	29.82	39	35	SSW	6	2	SSW	-	no	-	4
"	Sheddenes	29.78	41	39	NE	1	4	NNW	-	br	-	6
"	Qyo	29.80	46	41	W	6	4	SSE	-	co	-	4
"	Hearts Content	30.05	51	48	NNW	1	6	S	5	bc	-	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 3<sup>rd</sup>

Tues-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.63	38	31	ESE	4	4	E	—	c	—	3
*Skudesnaes ...	29.64	39	33	E	4	2	E.	—	b	—	3
*Oxo (Christiansand)	29.64	39	34	NNE	6	4	NE	—	b	—	4
Shetland (Sumburgh Hd.)	29.582	44	40	ESE	3	3	ESE	2	cb	—	3
Thurso ...	29.542	43	41	ESE	3	4	ESE	7	cp	0.05	2
Wick ...	29.562	48	45	ESE	4	6	ESE	7	o	0.02	4
Nairn ...	29.512	42	40	E	1	4	ESE	6	oc	0.33	2
Aberdeen ...	29.532	49	44	E	4	8	E	7	re	0.42	7
Leith ...	29.452	48	46	SE	5	2	ESE	9	o	0.07	—
Shields ...	29.302	50	48	E	8	9	E	8	clo	0.31	8
Scarborough ...	29.292	47	47	Z	0	2	WSW	9	co	—	3
Yarmouth ...	29.248	49	48	NW	3	4	W	6	re	0.28	4
Ardrossan ...	29.422	48	46	ENE	23	2	WSW	5	e	0.35	2
Greencastle ...	29.412	48	47	Z	0	1	ESE	7	e	0.14	—
Holyhead ...	29.342	49	47	W	3	4	WSW	4	e	0.20	—
Liverpool (Bilston Obs.)	29.342	49	48	WNW	2	5	W	7	e	0.64	3
Valencia ...	29.482	53	50	N	4	6	W	3	p	0.22	4
Roche's Point	29.432	46	43	NW	3	6	WNW	2	cpb	0.09	2
Pembroke ...	29.348	50	46	NW	1	7	W	4	e	0.06	1
Scilly ...	29.378	51	49	W	7	7	W	6	cp	0.25	6
Plymouth ...	29.408	47	46	SW	1	4	W	9	mf	0.20	1
Portsmouth ...	29.368	49	47	NW	3	5	WNW	3	e	0.02	3
Dover ...	29.298	49	48	N	3	3	W	4	bc	—	2
London ...	29.322	45	44	W	2	5	W	4	cpm	0.03	—
Helder ...	29.26	50	—	ESE	3	—	—	—	—	—	2
Cape Gris Nez	29.308	52	48	NW	3	7	W	8	bo	0.36	2
Brest ...	29.548	55	53	WNW	5	7	NW	5	fe	0.09	5
L'Orient ...	29.568	55	51	WNW	7	8	WNW	7	e	0.20	6
Rochefort ...	29.618	59	54	W	8	8	W	9	oz	0.51	4
Biarritz ...	29.698	63	61	NNW	8	9	WSW	9	z	0.12	6
Corunna ...		—	—	—	—	—	—	—	—	—	—
Brussels ...		—	—	—	—	—	—	—	—	—	—
Paris ...	29.41	51	—	W	4	—	—	—	o	—	—
Strasbourg ...		—	—	—	—	—	—	—	—	—	—
Lyons ...		—	—	—	—	—	—	—	—	—	—
Toulon ...	29.628	58	57	WNW	4	8	NW	8	co	—	6
Heart's Content (9 a.m. local time.)	30.118	47	45	NNE	2	2	NNE	8	bo	—	2

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...	29.58	50	45	ESE	3	—	—	6	e	—	3
Scarborough ...	29.44	51	49	E	6	—	—	9	zo	—	5
Ardrossan ...	29.56	51	49	ESE	4	—	—	6	oc	—	—
Greencastle ...	29.43	53	49	NNE	2	—	—	4	e	—	—
Valencia ..	29.56	56	52	N	4	—	—	3	cb	—	4
Scilly ...	29.57	54	50	NW	5	—	—	6	e	—	6
London ...	29.40	58	50	W	3	—	—	7	e	—	—
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0.—dead calm; 9.—extremely high sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Tues - day

Since yesterday morning the barometer has risen except at the Southwestern stations, where it has commenced falling again during the night. The changes have however not taken place steadily, the rate of motion varying considerably, with occasional slight oscillations in some places. The lowest reading is at Helder, being 0.32 in: lower than that at Shetland. Pressure is, however, very uniform over the greater part of England, but a steep gradient for E<sup>ly</sup> winds exists locally between Louth and Shields.

Temperature has changed variably in the north, but fallen in the western and southern districts.

The wind is on the whole moderate, and circulates round the lowest pressure in the east. At Shields, however, there is an E<sup>ly</sup> gale, though at Scarborough there is a calm, while at Scilly and in the west of France a strong W<sup>ly</sup> breeze still holds.

Rain has fallen nearly everywhere, but not very heavily. The sky is cloudy generally, though clear in a few places. The sea continues high at Aberdeen and Shields, rough at Scilly and L' Orient, moderate to smooth elsewhere.

2 P.M. The barometer has risen generally, chiefly at Scilly; where the wind has veered to NW and moderated. At Scarborough a fresh E  $\frac{1}{2}$  breeze has set in.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

*Reports received too late for insertion in their proper places.*

[illegible]

*Meteorological Office,*

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 4<sup>th</sup>*Wednesday*

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.64	44	36	SSW	6	6	SSW	—	c	—	3
* Skudesnaes ...	29.06	42	30	SE	6	0	Z	—	b	—	3
* Oxo (Christiansand)	29.92	36	33	N	4	4	NNE	—	b	—	2
Shetland (Sumburgh Hd.)	29.62 f	44	45	SSW	6	3	SE	5	bc	—	4
Fanoe ...	29.74	39	38	ENE	4	—	—	—	e	—	—
Thurso ...	29.62 f	42	40	SSW	2	2	SW	6	bm	0.01	2
Wick ...	29.64 f	44	45	S	4	4	SSE	6	c	—	4
Nairn ...	29.66 f	38	36	Z	0	1	E	0	bm	—	0
Aberdeen ...	29.73 f	39	38	SW	1	4	E	3	c	0.15	2
Leith ...	29.72 f	41	40	W	1	5	E	1	of	—	—
Shields ...	29.75 f	46	45	Z	0	8	E	6	cm	0.21	4
Scarborough ...	29.77 f	50	47	E	3	6	E	1	cb	0.01	4
Yarmouth ...	29.65 f	50	50	NNE	3	4	NE	6	lc	0.71	5
Ardrossan ...	29.72 f	41	39	NE	2	3	SE	6	cf	—	1
Greencastle ...	29.70 f	44	43	WNW	1	4	ESE	5	c	0.07	—
Holyhead ...	29.71 f	46	45	E	3	3	NNE	5	c	0.11	—
Liverpool (Bliston Obs.)	29.74 f	45	43	E	2	3	ENE	2	cf	—	2
Valencia ...	29.74 f	47	44	N	3	4	N	1	cb	0.01	2
Roche's Point	29.71 f	48	45	NNW	2	3	NNW	3	pc	0.03	2
Pembroke ...	29.67 f	51	49	NW	1	3	WNW	3	c	—	0
Scilly ...	29.73 f	54	52	NW	3	4	W	5	c	0.03	4
Plymouth ...	29.71 f	46	45	SE	1	3	NW	1	mf	—	0
Portsmouth ...	29.72 f	47	46	NNE	1	4	NW	8	com	—	1
Dover ...	29.67 f	50	49	WNW	2	3	W	2	b	—	1
London ...	29.70 f	47	46	NW	1	3	WNW	2	cb	—	—
Helder ...	29.64	46	—	ENE	6	—	—	—	—	—	2
Cape Gris Nez	29.66 f	50	48	N	3	4	W	9	o	—	2
Brest ...	29.79 f	54	52	ENE	1	5	WNW	5	oc	0.08	5
L'Orient ...	29.78 f	51	49	SSW	1	8	WNW	6	rc	0.24	3
Rochefort ...	29.80 f	55	51	SE	4	7	W	4	c	0.12	3
Biarritz ...	29.84 f	55	55	S	1	7	W	9	f	0.47	7
Corunna ...		—	—	—	—	—	—	—	—	—	—
Brussels ...		—	—	—	—	—	—	—	—	—	—
Paris ...	29.76	48	—	W	2	—	—	—	e	—	—
Strasbourg ...		—	—	—	—	—	—	—	—	—	—
Lyons ...		—	—	—	—	—	—	—	—	—	—
Toulon ...	29.82 f	54	47	WNW	4	8	NNW	7	oc	—	5
Heart's Content (9 a.m. local time.)	29.67 f	52	52	NE	2	5	NE	9	lf	0.91	2

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...	29.57	50	46	SSE	2	—	—	8	eo	—	2
Scarborough ...	29.76	51	49	E	2	—	—	2	b	—	3
Greencastle ...	29.67	52	49	SSW	4	—	—	5	c	—	1
Holyhead ...											
Valencia ...	29.74	55	52	NNW	3	—	—	6	p	—	2
Scilly ...	29.75	56	52	NW	3	—	—	4	c	—	3
London ...	29.73	58	51	W	1	—	—	8	c	—	1
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0.—dead calm; 9.—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanoe stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	

Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	

Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	

Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	

Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	

Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	

$\frac{ch}{n}$	Sea sturb. to 9.)
8	
3	
2	
+	
-	
2	
+	
0	
2	
-	
++	
++	
5	
1	
-	
-	
2	
2	
2	
0	
4	
1	
1	
-	
2	
2	
5	
3	
3	
7	
/	
-	
-	
-	
5	
2	
2	
3	
2	
3	
+	

[illegible]

Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	

Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	

Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	

$\frac{ch}{n}$	Sea sturb. to 9.)
8	
3	
2	
+	
-	
2	
+	
0	
2	
-	
++	
++	
5	
1	
-	
-	
2	
2	
2	
0	
4	
1	
1	
-	
2	
2	
5	
3	
3	
7	
/	
-	
-	
-	
5	
2	
2	
3	
2	
3	
+	

Sea sturb to 9.)	ch <sub>n</sub>
3	
3	
2	
4	
—	
2	
4	
7	
2	
—	
44	
44	
5	
1	
—	
—	
2	
2	
2	
0	
4	
0	
1	
1	
—	
2	
2	
5	
3	
3	
7	
—	
—	
—	
—	
5	
2	
2	
3	
—	
—	
2	
3	
—	



EIGHT A.M.

## WEATHER REPORT. 1871.

October 5<sup>th</sup>

Thurs-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund								—		—	
* Skudesnaes ...								—		—	
* Oxo (Christiansand)								—		—	
Shetland (Sumburgh Hd.)	29.368	49	49	S	8	8	S	8	o	0.05	6
Fañoe ...											
Thurso ...	29.398	45	44	SSW	2	3	SSW	8	o	0.02	2
Wick ...	29.428	47	46	SSW	3	6	S	8	co	0.12	3
Nairn ...	29.458	44	41	SW	1	0	Z	6	bcm	—	1
Aberdeen ...	29.498	49	47	SW	3	6	SW	8	co	—	3
Leith ...	29.548	47	45	W	2	1	S	1	fb	0.02	—
Shields ...	29.598	47	45	SW	2	3	SE	7	mc	0.01	3
Scarborough ...	29.638	46	45	SW	2	3	E	8	bo	—	3
Yarmouth ...	29.768	48	47	SW	3	4	NNW	4	c	—	3
Ardrossan ...	29.538	50	46	SW	4	5	SW	6	lc	0.01	3
Greencastle ...	29.608	45	44	SW	3	5	E	2	c	0.12	—
Holyhead ...	29.648	50	48	WSW	3	3	SW	5	c	0.06	—
Liverpool (Bidston Obs.)	29.658	49	46	SSW	2	2	SSW	7	bc	—	1
Valencia ...	29.872	51	49	NNW	4	3	NW	7	p	0.06	3
Roche's Point	29.742	50	47	NNW	2	3	W	3	c	—	2
Pembroke ...	29.688	54	50	W	4	4	SW	3	gc	0.10	3
Scilly ...	29.842	55	53	W	5	5	W	7	pc	0.01	4
Plymouth ...	29.812	49	48	ESE	1	1	SW	0	fb	0.06	3
Portsmouth ...	29.802	50	49	WSW	1	3	SW	4	c	—	2
Dover ...	29.782	53	51	W	2	0	Z	5	bc	—	1
London ...	29.772	46	45	SW	1	2	NNW	3	cfb	—	—
Helder ...	29.76	46	—	S	2	—	—	—	—	—	2
Cape Gris Nez	29.782	52	48	S	3	3	NNW	7	o	0.12	2
Brest ...	29.922	55	53	NW	3	4	NW	9	co	—	3
L'Orient ...	29.962	55	53	NW	3	3	SW	5	c	—	4
Rochefort ...	29.992	56	54	W	4	4	WSW	5	rc	0.28	3
Biarritz ...	30.032	59	55	SE	5	4	E	7	zo	0.12	4
Corunna ...								—		—	
Brussels ...								—		—	
Paris ...	29.89	50	—	W	1	—	—	—	c	—	—
Strasbourg ...								—		—	—
Lyons ...								—		—	—
Toulon ...	29.818	61	60	S	4	4	WSW	9	o	—	4
Heart's Content (9 a.m. local time.)											

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...											
Scarborough ...											
Greencastle ...											
Holyhead ...											
Valencia ..											
Scilly ...											
London ...											
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l. lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fañoe stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Thurs. day

Since yesterday morning the barometre has risen at the southern stations, but fallen in the north; and the reading at Rochefort now exceeds that at Shetland by 0.63 in.

Temperature has risen generally, except at Scarborough and Yarmouth, where it has fallen slightly.

Light SW<sup>4</sup> winds are now prevalent over the British Islands, and light NW<sup>4</sup> in the west of France. At Biarritz, however, a moderate SE wind is reported, while at Shetland a fresh gale is blowing from South.

A little rain has fallen in some places. The sky though cloudy on the whole is clear in many places. The sea is rough off the Shetlands, moderate at Scilly, slight elsewhere.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
Oct 4 <sup>th</sup>	St. Pierre	29.64	44	36	SSW	6	6	SSW	—	c	—	3
	Shetland	29.86	42	38	SE	6	0	Y	—	b	—	3
	Orkney	29.92	36	33	N	4	4	NNE	—	b	—	2
	Fanoe	29.79	39	38	ENE	4	—	—	—	c	—	—
	Paris	29.76	48	—	W	2	—	—	—	c	—	—
	St. Peter	29.678	52	52	NE	2	5	NE	9	h g	0.9	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 6<sup>th</sup>

Fri-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund		not	rec <sup>d</sup>								
* Skudesnaes ...	29.54	35	33	SSE	6	6	SSE	—	o	—	4
* Oxo (Christiansand)	29.83	350	49	SSW	8	10	SSE	—	20	—	—
Fanoe ...	29.82	50	50	S	16	—	—	—	cp	—	—
Shetland (Sumburgh Hd.)	29.198	48	46	SSW	4	4	S	6	gle	0.58	6
Thurso ...	29.258	46	42	SSW	2	2	?SSW	5	e	—	2
Wick ...	29.298	44	46	SSW	3	3	SSW	5	e	—	3
Nairn ...	29.318	46	45	W	3	1	SW	8	co	0.03	2
Aberdeen ...	29.388	46	43	SW	3	3	SW	1	cb	—	2
Leith ...	29.478	49	45	W	5	2	W	3	bpc	0.06	—
Shields ...	29.568	50	48	S	4	5	W	8	cm	0.02	3
Scarborough ...	29.668	48	47	SW	3	2	WSW	6	e	—	3
Yarmouth ...	29.838	52	51	SW	4	4	W	6	e	—	3
Ardrossan ...	29.478	52	48	WSW	6	7	WSW	7	e	0.25	5
Greencastle ...	29.538	47	46	WSW	4	5	SW	8	co	0.19	—
Holyhead ...	29.668	54	52	SW	4	7	SW	5	e	—	—
Liverpool (Bidston Obs.)	29.708	52	49	SSW	3	5	W	8	co	0.02	2
Valencia ...	29.718	54	53	WSW	3	4	W	8	r	0.63	1
Roche's Point	29.708	53	53	WSW	3	3	WSW	8	cpo	0.04	3
Pembroke ...	29.718	56	54	WSW	7	6	WSW	9	go	0.02	4
Scilly ...	29.868	57	55	SW	5	5	SW	7	e	0.03	4
Plymouth ...	29.858	57	55	WSW	4	4	W	9	cz	0.02	3
Portsmouth ...	29.908	56	54	SW	4	5	WSW	7	e	0.10	4
Dover ...	29.902	55	54	WSW	2	4	WSW	7	bc	0.02	1
London ...	29.862	54	52	WSW	3	4	W	8	pbc	0.03	—
Helder ...	?29.82	55	—	SW	6	—	—	—	—	—	4
Cape Gris Nez	29.922	57	53	WSW	7	7	W	7	20	0.32	5
Brest ...	?30.042	57	55	WSW	4	4	WSW	8	o	—	4
L'Orient ...	30.038	57	55	—	4	4	WNW	7	e	0.08	2
Rochefort ...	30.088	56	52	SW	4	4	NW	9	co	—	3
Biarritz ...	30.058	55	51	SE	5	5	NW	7	e	—	3
Corunna ...											
Brussels ...											
Paris ...	30.08	49	—	W	2	—	—	—	o	—	—
Strasbourg ...											
Lyons ...											
Toulon ...	30.082	58	49	WNW	3	5	WSW	3	e	—	3
Heart's Content (9 a.m. local time.)	30.072	50	46	WNW	5	6	SW	2	ob	—	4

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...	29.22	48	44	SW	4	—	—	5	e	—	3
Scarborough ...	29.61	55	53	SW	4	—	—	9	co	—	4
Greencastle ...	29.57	49	45	W	5	—	—	2	e	—	—
Holyhead ...	29.65	52	51	WSW	4	—	—	7	cz	—	3
Valencia ..	29.63	56	55	SW	3	—	—	8	r	—	4
Scilly ...	29.84	59	54	SW	5	—	—	7	e	—	—
London ...	29.84	62	57	SW	4	—	—	8	e	—	—
Rochefort ...	30.08	64	58	S	—	—	—	4	e	—	3

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
\* The Norwegian and Fanoe stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



# REMARKS.

Fri-day

The barometer has again fallen a little in the north and risen in the south, so that the reading at Rochefort is 0.89 in higher than that at Shetland.

Temperature has risen at nearly all stations, chiefly in the south of England and at Shetland. It is however comparatively uniform.

The SW<sup>ly</sup> current has now become general, except at Biarritz; and though moderate in most places it is strong and squally at Pembroke, Ardrossan and Lumburgh Head.

Some rain has fallen at most stations, and the sky is very cloudy - especially in the W and S. The sea is rough at Shetland, rather so at Ardrossan and Cape Gris Nez, moderate to smooth elsewhere.

Warnings issued to our west coasts.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
Oct 2 <sup>nd</sup>												
5 <sup>th</sup>	N. Lianseid	29.71	46	38	-	-	6	SSW	-	c	-	-
1 <sup>st</sup>	Spudsmass	29.76	46	40	-	-	6	SSE	-	c	-	-
1 <sup>st</sup>	Ays	29.96	45	42	SSE	6	4	S	-	bc	-	4
1 <sup>st</sup>	Farsol	29.83	43	41	SSW	2.8	-	-	-	o	-	-
1 <sup>st</sup>	At's Point	29.618	55	54	SW	5	6	SW	7	ltc	0.05	5

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 7<sup>th</sup>

Saturday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.27	43	41	Z	0	4	SE	—	cb	—	2
* Skudesnaes ...	29.38	49	46	S	4	6	SSW	—	o	—	4
* Oxo (Christiansund)	29.53	49	48	S	6	—	SSW	—	ro	—	4
Fanoe ...	29.67	53	52	SW	—	—	—	—	o	—	—
Shetland (Sumburgh Hd.)	29.12f	44	44	W	4	5	SW	6	p	0.79	4
Thurso ...	29.28r	46	44	W	4	4	SW	6	cp	0.22	4
Wick ...	29.31r	43	42	W	3	5	SSW	8	co	0.03	2
Nairn ...	29.39r	43	42	SW	3	4	SW	9	o	0.02	2
Aberdeen ...	29.39r	40	38	WSW	1	3	SW	0	bun	—	1
Leith ...	29.46f	46	44	W	3	2	SW	1	cpb	0.13	—
Shields ...	29.49f	44	42	WSW	3	5	SW	2	cb	0.07	2
Scarborough ...	29.53f	45	44	NW	3	4	SW	3	c	1.12	3
Yarmouth ...	29.58f	58	53	SSW	5	5	SW	6	c	—	4
Ardrossan ...	29.52s	49	45	NW	3	6	WSW	4	pc	0.24	2
Greencastle ...	29.61r	45	43	W	3	5	W	3	c	0.08	—
Holyhead ...	29.63r	48	46	NW	2	6	SSW	4	c	0.78	—
Liverpool (Bidston Obs.)	29.62f	49	44	WNW	3	4	NW	1	ob	1.13	3
Valencia ...	29.74r	48	45	N	3	4	NE	4	oc	0.75	1
Roche's Point	29.70r	44	42	NNW	3	6	SW	4	oc	0.58	3
Pembroke ...	29.62f	49	46	N	3	8	SSW	7	rc	0.73	2
Scilly ...	29.65f	53	53	NNE	4	6	SSW	8	o	0.08	4
Plymouth ...	29.64f	59	58	W	4	6	WSW	9	om	0.13	3
Portsmouth ...	29.64f	59	58	SW	6	7	SW	8	r	0.11	4
Dover ...	29.69f	57	56	SW	7	5	SW	9	p	0.45	6
London ...	29.60f	58	57	SW	4	5	SW	9	cr	0.02	—
Helder ...	29.67	56	—	SSW	7	—	—	—	—	—	4
Cape Gris Nez	29.72f	57	53	SW	8	7	WSW	9	r	0.08	5
Brest ...	29.79f	60	60	SW	5	5	SW	9	om	0.12	5
L'Orient ...	29.84f	60	58	SW	5	5	WSW	8	o	0.04	5
Rochefort ...	29.94f	61	57	W	4	4	S	4	c	—	3
Biarritz ...	29.99f	61	57	SE	3	4	SW	2	cf	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	29.89	53	—	SW	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.06f	58	56	—	5	1	SE	8	co	—	6
Heart's Content (9 a.m. local time.)	30.22f	52	50	SSW	2	5	WNW	9	bo	—	2

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	29.37	47	45	W	4	—	—	7	cp	—	4
Scarborough ...	29.59	52	48	NW	3	—	—	4	c	—	3
Greencastle ...	29.66	50	46	WNW	5	—	—	3	c	—	—
Holyhead ...	29.69	52	49	NNW	2	—	—	28	bx	—	—
Valencia ...	29.82	53	47	NNE	4	—	—	3	c	—	2
Scilly ...	29.72	52	50	NE	5	—	—	8	mo	—	4
London ...	29.68	57	53	SW	2	—	—	9	co	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 2—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
\* The Norwegian and Fanoe stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



七

Sea  
Distur  
0 to 1

2  
4

41

44

2  
2

1

2  
3

4  
2

3  
1

3  
2

43

46



EIGHT A.M.

WEATHER REPORT. 1871. October 8<sup>th</sup>.

Sunday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	?	44	42	N	6	0	Z	—	c o	—	3
* Skudesnaes ...	29.41	46	43	SE	2	4	SSW	—	bar	—	4
* Oxo (Christiansund)	29.58	50	46	WSW	6	4	SW	—	b	—	3
Fanoë ...	29.65	48	47	SW	2	—	—	—	c	—	—
Shetland (Samburgh Hd.)	29.632	47	46	NNW	4	4	NNW	2	cp	0.05	3
Thurso ...	29.732	48	44	NW	5	5	WNW	6	c	0.35	5
Wick ...	29.762	47	45	NNW	3	4	W	8	zo	0.30	3
Nairn ...	29.782	43	42	WSW	2	1	WSW	9	c2	0.13	—
Aberdeen <i>g am</i>	29.742	48	44	NW	4	4	NW	3	bc	—	—
Leith ...	29.792	46	44	W	2	2	W	4	bc	—	—
Shields ...	29.782	47	44	WNW	4	5	WNW	0	cb	—	2
Scarborough <i>g 30 am</i>	29.812	47	46	W	2	3	NW	3	c	—	2
Yarmouth ...	29.842	52	48	WSW	3	6	NNW	3	c	—	3
Ardrossan ...	29.852	48	45	NNW	4	4	NNW	3	a	0.01	3
Greencastle <i>g am</i>	29.932	47	45	NW	3	5	WNW	5	c	0.15	—
Holyhead ...	29.922	49	47	W	3	5	WNW	5	c	—	—
Liverpool (Bidston Obs.)	29.892	52	48	WNW	4	5	WNW	6	c	0.03	3
Valencia ...	30.042	44	41	NNE	2	3	NNE	3	bc	—	1
Roche's Point	30.022	49	46	N	3	3	N	3	c	—	3
Pembroke ...	29.952	50	46	NNW	2	3	N	3	c	—	0
Scilly ...	29.982	53	50	NE	4	5	NE	7	c	0.02	4
Plymouth ...	29.962	47	46	Z	0	2	W	4	of	—	—
Portsmouth ...	29.922	47	45	WNW	3	6	WSW	5	bc	0.05	3
Dover ...	29.902	49	47	WNW	2	3	NW	2	cb	0.10	1
London ...	29.922	45	43	W	3	4	SW	5	rc	0.08	—
Helder ...	<i>No obs</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>	<i>—</i>
Cape Gris Nez	29.872	51	47	N	4	8	SW	7	zo	1.46	3
Brest ...	29.952	53	53	ENE	3	5	SSW	9	zo	0.47	4
L'Orient ...	29.932	58	58	W	1	5	SW	8	o	0.16	3
Rochefort ...	29.962	62	60	W	4	5	SW	6	c	—	3
Biarritz ...	30.022	63	61	SW	3	4	E	5	cf	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	29.89	59	—	W	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	—	59	—	ENE	4	5	ENE	7	otc	0.20	—
Heart's Content (9 a.m. local time.)	29.798	58	58	NE	2	5	SW	9	oz	1.25	2

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Holyhead ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Scilly ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
\* The Norwegian and Fanoë stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



day

*Reports received too late for insertion in their proper places.*

[illegible]

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 9<sup>th</sup>

Monday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.84	37	33	NNW	4	6	NNE	—	cor	—	2
* Skudesnaes	29.87	43	38	NNW	6	4	NW	—	b	—	3
* Oxo (Christiansund)	29.85	42	39	NW	2	4	N	—	bo	—	2
Fanøe	29.76	47	45	W	2	—	—	—	c	—	—
Shetland (Smalburgh Id.)	30.06r	39	38	—	4	4	NNW	5	re	0.14	3
Thurso	30.16r	43	41	Z	0	5	N	5	pc	0.15	1
Wick	30.18r	35	34	NNW	2	3	NNW	8	o	0.15	3
Nairn	30.28r	40	37	SW	2	1	WSW	6	oc	0.04	1
Aberdeen	30.18r	40	38	NW	2	4	NW	1	rb	0.40	1
Leith	30.21r	41	39	W	3	2	W	2	bm	0.06	—
Shields	30.20r	43	40	NW	3	4	NNW	4	hbc	0.09	2
Scarborough	30.17r	47	44	N	4	3	NW	6	c	0.02	4
Yarmouth	30.15r	45	44	W	3	3	W	4	tc	0.08	3
Ardrossan	30.25r	35	34	SE	2	4	N	3	cm	—	1
Greencastle	30.24r	41	40	WNW	1	5	NW	4	c	0.09	—
Holyhead	30.22r	48	46	NE	3	5	NE	5	c	—	—
Liverpool (Balston Obs.)	30.25r	42	39	NE	1	5	WNW	0	cb	—	2
Valencia	30.23r	45	42	ENE	2	3	NNE	0	b	—	0
Roche's Point	30.21r	40	38	NNE	2	3	N	2	b	—	2
Pembroke	30.18r	45	44	ENE	2	2	N	4	c	—	0
Scilly	30.14r	52	48	ENE	5	5	ENE	7	c	—	4
Plymouth	30.17r	46	45	ESE	2	1	ESE	9	fm	—	1
Portsmouth	30.16r	46	44	NNE	3	3	NW	2	cb	—	3
Dover	30.15r	45	44	NNW	3	3	NW	2	b	—	1
London	30.18r	39	38	N	1	3	W	5	cbf	—	—
Helder	30.01	53	—	NW	6	—	—	—	—	—	4
Cape Gris Nez	30.14r	48	46	NNW	4	3	WNW	5	bc	—	3
Brest	30.03f	50	48	ENE	4	4	ENE	9	o	0.63	3
L'Orient	30.06r	51	51	ENE	5	5	ENE	9	o	0.80	3
Rochefort	30.06r	59	55	SE	4	4	W	4	oc	—	3m
Biarritz	30.06r	64	62	S	1	4	NE	3	c	—	4
Corunna	—	—	—	—	—	—	—	—	—	—	—
Brussels	—	—	—	—	—	—	—	—	—	—	—
Paris	30.17	48	—	NW	2	—	—	—	o	—	—
Strasbourg	—	—	—	—	—	—	—	—	—	—	—
Lyons	—	—	—	—	—	—	—	—	—	—	—
Toulon	30.07r	63	59	W	3	1	SE	3	c	—	3
Heart's Content (9 a.m. local time.)	29.752	43	39	NW	7	7	NW	2	ofb	0.28	6

## 2 P.M. REPORT.

Skudesnaes	—	—	—	—	—	—	—	—	—	—	—
Thurso	30.23	46	42	N	1	—	—	5	e	—	2
Scarborough	30.29	49	45	N	3	—	—	5	e	—	4
Greencastle	30.30	47	44	N	1	—	—	5	e	—	—
Holyhead	30.26	50	48	NNE	2	—	—	5	e	—	—
Valencia	30.27	51	44	ENE	4	—	—	0	b	—	2
Scilly	30.18	56	52	E	6	—	—	7	c	—	4
London	30.24	53	47	N	2	—	—	9	o	—	—
Rochefort	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm; **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanøe stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



Sea  
start  
to 9.

2

3

2

1

3

1

3

1

1



2

4

3



EIGHT A.M.

## WEATHER REPORT. 1871.

October 10<sup>th</sup>

Tuesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	30.18	36	35	SW	6	6	NW	—	oh	—	93
*Skudesnaes ...	30.26	38	36	Z	0	4	WNW	—	bc	—	2
*Oxo (Christiansand)	30.28	38	33	N	4	4	N	—	b	—	2
Fanoe ...								—		—	—
Shetland (Sumburgh Hd.)	30.20r	45	45	W	4	4	NW	96	o	—	3
Thurso ...	30.31r	40	38	WSW	2	2	N	8	co	0.10	2
Wick ...	30.35r	40	38	WNW	2	3	NNW	8	o	0.10	2
Nairn ...	30.37r	35	32	SW	1	3	SW	4	bcm	0.03	2
Aberdeen ...	30.39r	35	34	WSW	1	2	NW	0	bcm	—	1
Leith ...	30.39r	35	34	W	1	1	NW	2	bcm	—	—
Shields ...	30.44r	37	35	NNW	1	3	NE	8	cm	—	2
Scarborough...	30.46r	41	39	W	1	4	N	3	cb	—	2
Yarmouth ...	30.45r	43	41	NNW	2	4	NNE	0	cm	—	4
Ardrossan ...	30.43r	35	34	ENE	2	3	NW	0	cf	—	1
Greencastle ...	30.36r	39	38	NNW	1	1	N	1	cb	0.08	—
Holyhead ...	30.31r	43	41	ESE	3	3	ENE	6	c	—	—
Liverpool (Bidston Obs.)	30.42r	40	39	SE	2	2	SE	7	mj	—	2
Valencia ...	30.14f	52	50	SSE	6	4	ESE	8	ro	0.17	4
Roche's Point	30.24f	53	52	SE	5	5	SE	9	ct	0.11	4
Pembroke ...	30.30r	49	47	ESE	5	4	E	5	cm	—	2
Scilly ...	30.21s	55	54	ESE	6	7	ESE	8	co	0.08	5
Plymouth ...	30.31r	52	51	SE	3	2	NW	9	cm	—	1
Portsmouth ...	30.40r	47	45	NE	4	3	NE	6	bcm	—	3
Dover ...	30.45r	51	48	E	2	3	NE	4	bpc	0.05	2
London ...	30.45r	41	40	ENE	3	3	NE	3	bpc	—	—
Helder ...	30.39	49	—	NNE	2	—	—	—	—	—	2
Cape Gris Nez	30.40r	45	43	SE	3	4	N	4	c	—	1
Brest ...	30.20r	53	53	ESE	4	5	ESE	9	ro	0.12	3
L'Orient ...	30.26r	52	50	ESE	5	5	ENE	6	oc	0.08	3
Rochefort ...	30.19r	55	51	E	4	4	S	9	c	—	3
Biarritz...	30.13r	66	61	S	1	4	E	2	c	—	3
Corunna ...								—		—	—
Brussels ...								—		—	—
Paris ...	30.38	48	—	NE	2	—	—	—	c	—	—
Strasbourg ...								—		—	—
Lyons ...								—		—	—
Toulon ...	30.11r	65	56	NW	3	4	WNW	4	fc	—	3
Heart's Content (9 a.m. local time.)											

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...											
Scarborough ...											
Greencastle ...											
Holyhead ...											
Valencia ..											
Scilly ...											
London...											
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanoe stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



地

Sea.  
Disturb  
0 to 9.

93  
2  
2  
—  
3  
2  
2  
2

2  
1  
—  
2  
2

2  
4  
1  
—  
—

2  
4  
4  
2  
5

1  
3  
2  
—  
2  
1  
3

3  
3  
3

3  
—  
—  
—  
—

calmly, indously

calmly, indously

calmly, indously



EIGHT A.M.

## WEATHER REPORT. 1871.

October 11<sup>th</sup>

Wednesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.10	42	39	SSE	4	6	SE	—	oc	—	4
* Skudesnaes ...	30.06	45	44	ENE	4	6	W	—	rc	—	2
* Oxö (Christiansund)	30.13	42	41	ENE	4	2	WNW	—	oz	—	3
Fanö ...	30.21	45	45	WNW	2	—	—	—	oz	—	—
Shetland (Samburgh Id.)	30.15 <sup>7</sup>	45	44	NNW	4	6	W	5	rc	0.18	3
Thurso ...	30.21 <sup>7</sup>	51	49	NNW	2	2	WSW	6	oc	0.01	3
Wick ...	30.23 <sup>7</sup>	46	45	WNW	2	2	WSW	8	o	—	2
Nairn ...	30.27 <sup>7</sup>	37	34	SW	2	1	SW	2	cb	—	1
Aberdeen ...	30.25 <sup>7</sup>	41	39	WSW	1	1	WSW	7	bc	—	1
Leith ...	30.23 <sup>7</sup>	35	35	W	1	1	NW	6	b fm	—	—
Shields ...	30.25 <sup>7</sup>	39	37	W	2	2	S	0	m	—	3
Scarborough ...	30.27 <sup>7</sup>	42	41	SW	1	2	SW	5	bc	—	2
Yarmouth ...	30.28 <sup>7</sup>	44	44	Z	0	2	NNW	4	f	—	3
Ardrossan ...	30.26 <sup>7</sup>	39	37	NE	2	2	SE	3	cf	—	1
Greencastle ...	30.15 <sup>7</sup>	49	48	E	1	4	SE	8	co	—	—
Holyhead ...	30.18 <sup>7</sup>	42	40	ENE	2	3	ENE	5	c	—	—
Liverpool (Bidston Obs.)	30.22 <sup>7</sup>	43	42	SE	3	4	SE	2	cf	—	2
Valencia ...	29.94 <sup>7</sup>	58	56	S	6	9	SSE	9	ro	0.16	5
Roche's Point	30.03 <sup>7</sup>	53	52	SE	5	6	SE	9	ro	0.35	4
Pembroke ...	30.11 <sup>7</sup>	53	52	ESE	5	6	ESE	9	mo	0.02	2
Scilly ...	30.04 <sup>7</sup>	57	55	ESE	6	6	ESE	8	om	0.05	5
Plymouth ...	30.12 <sup>7</sup>	53	52	E	4	4	E	9	o	—	1
Portsmouth ...	30.20 <sup>7</sup>	51	49	E	2	4	E	6	c	—	2
Dover ...	30.29 <sup>7</sup>	50	46	ESE	2	3	ESE	2	b	—	1
London ...	30.27 <sup>7</sup>	43	42	ESE	1	3	ENE	9	fc	—	—
Helder ...	30.27	46	—	S	1	—	—	—	—	—	2
Cape Gris Nez	30.26 <sup>7</sup>	43	39	SE	1	4	ESE	1	b	—	1
Brest ...	30.11 <sup>7</sup>	58	56	SE	4	4	SE	8	o	—	3
L'Orient ...	30.08 <sup>7</sup>	52	52	ESE	5	5	ESE	9	c	—	3
Rochefort ...	30.06 <sup>7</sup>	53	51	E	4	4	E	9	co	—	3
Biarritz ...	30.02 <sup>7</sup>	988	961	S	5	4	E	9	cb	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.26	44	—	ENE	2	—	—	—	c	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.17 <sup>7</sup>	64	60	N	1	4	W	4	rc	—	3
Heart's Content (9 a.m. local time.)	30.362	42	40	S	1	2	NE	5	c	—	1

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	30.21	53	50	ENE	2	—	—	6	c	—	2
Scarborough ...	30.22	52	49	SW	1	—	—	5	c	—	2
Greencastle ...	30.11	52	50	SE	2	—	—	9	o	—	—
Holyhead ...	30.16	52	50	ENE	2	—	—	7	c	—	1
Valencia ..	29.92	59	57	SSE	6	—	—	9	oz	—	5
Scilly ...	30.04	58	57	SE	4	—	—	8	o	—	—
London ...	30.26	54	49	E	2	—	—	9	o	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **Z**—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—equally r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.







EIGHT A.M.

## WEATHER REPORT. 1871.

October 12<sup>th</sup>

Thursday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.31	44	43	WSW	6	0	Z	—	o	—	4
* Skudesnaes ...	30.39	45	44	ENE	2	0	Z	—	o2	—	2
* Oxo (Christiansand)	30.39	37	36	W	2	4	NE	—	cb	—	2
Fanö ...	30.31	41	40	NW	—	—	—	—	b	—	—
Shetland (Sumburgh Hd.)	30.345	47	46	ESE	3	3	NE	2	c	—	2
Thurso ...	30.295	46	45	SSE	1	1	ESE	4	c	—	1
Wick ...	30.325	50	49	SSE	4	3	ENE	8	o	—	2
Nairn ...	30.315	33	32	SW	1	2	SW	1	mb	—	1
Aberdeen ...	30.355	46	45	SSW	1	1	WSW	1	cb	0.02	0
Leith ...	30.335	37	36	S	1	1	E	8	bmv	—	—
Shields ...	30.415	40	40	SW	1	2	SE	0	b7	—	1
Scarborough ...	30.425	44	43	S	1	1	SW	0	cb	—	1
Yarmouth ...	30.405	52	49	NE	3	3	ENE	6	fc	0.05	4
Ardrossan ...	30.355	41	39	ENE	3	2	ESE	4	f	—	2
Greencastle ...	30.235	52	50	E	3	4	ENE	9	o	—	—
Holyhead ...	30.315	53	51	SSW	3	2	ESE	26	o	—	—
Liverpool (Bidston Obs.)	30.365	42	40	ESE	3	3	ESE	0	cb	—	2
Valencia ...	30.135	57	56	S	3	6	NE	9	rf	0.33	3
Roche's Point	30.175	57	56	SSE	5	5	SE	9	po	0.15	4
Pembroke ...	30.245	54	51	SE	5	5	SE	9	mo	0.05	3
Scilly ...	30.245	58	57	SE	4	6	ESE	8	o	0.04	4
Plymouth ...	30.315	53	52	SE	2	4	S	9	o	0.02	1
Portsmouth ...	30.375	47	45	ENE	1	3	E	0	cbm	0.02	2
Dover ...	30.375	51	46	E	3	4	E	1	b	—	2
London ...	30.385	40	39	Z	0	2	ENE	5	obf	—	—
Helder ...	30.35	50	—	NW	1	—	—	—	—	—	2
Cape Gris Nez	30.355	60	58	E	3	3	E	1	ob	—	2
Brest ...	30.275	60	60	S	1	4	SW	9	fo	0.12	4
L'Orient ...	30.265	56	56	NNW	1	4	NNW	3	mc	0.04	2
Rochefort ...	30.195	55	53	NE	4	4	E	9	o	—	3
Biarritz ...	30.255	62	60	S	3	7	W	7	mf	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.31	44	—	N	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.917	61	57	NW	7	4	SW	4	bc	—	6
Heart's Content (9 a.m. local time.)	30.247	57	55	ESE	2	2	SW	8	o	—	2

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	30.29	55	49	SSW	1	—	—	0	b	—	1
Scarborough ...	30.44	53	49	S	2	—	—	4	bc	—	2
Greencastle ...	30.25	54	53	ESE	2	—	—	9	o	—	—
Holyhead ...	30.35	56	53	ESE	2	—	—	5	c	—	—
Valencia ..	30.19	60	58	S	3	—	—	4	fc	—	3
Scilly ...	30.30	58	57	SE	5	—	—	8	o	—	4
London ...	30.42	55	51	SSE	2	—	—	7	c	—	—
Rochefort ...	30.29	61	54	N	4	—	—	6	c	—	3

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



ea  
turk  
o 9.)

4  
2  
2  
—

2  
1  
2  
1  
0

—

1  
4  
2  
—  
—

2  
3  
4

4  
3  
4  
1  
2

2  
2  
2

4  
2  
3  
3

—  
—  
—  
—  
6  
2

curry  
alm.  
illy;  
dous

alm,  
lly;  
dous

ious



EIGHT A.M.

## WEATHER REPORT 1871.

Fri-day

October 13<sup>th</sup>

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.22	45	41	SSW	4	6	SSW	—	mo	—	4
* Skudesnaes ...	30.32	46	43	ENE	2	0	Z	—	o	—	2
* Oxo (Christiansand)	30.31	39	35	WSW	2	2	W	—	c	—	1
Fanö ...	30.37	50	—	SW	2	—	—	—	c	—	—
Shetland (Sumburgh Hd.)	30.23	50	50	SW	2	3	SSE	9	co	—	2
Thurso ...	30.23	50	47	SSW	1	1	S	7	bc	—	1
Wick ...	30.26	52	51	SSE	3	3	SSE	8	co	—	2
Nairn ...	30.26	46	44	Z	0	1	SW	8	com	0.33	1
Aberdeen ...	30.29	45	44	Z	0	3	SSW	8	bf	—	0
Leith ...	30.34	49	47	SW	1	2	NW	5	fc	—	—
Shields ...	30.39	44	43	WSW	2	3	S	7	fbr	—	2
Scarborough ...	30.42	41	40	SW	1	2	S	9	cf	—	1
Yarmouth ...	30.57	44	43	W	2	3	E	0	cb	—	3
Ardrossan ...	30.34	51	49	E	1	2	SSE	6	f	—	2
Greencastle ...	30.23	54	52	SSE	3	3	SSE	8	o	0.02	—
Holyhead ...	30.33	52	50	ESE	3	3	ESE	3	fc	—	—
Liverpool (Bidston Obs.)	30.41	42	40	SSE	2	4	SE	3	bc	—	2
Valencia ...	30.14	59	57	S	8	7	S	7	oc	—	6
Roche's Point	30.26	56	56	S	6	6	S	9	mo	0.30	4
Pembroke ...	30.35	56	53	SSE	5	5	SE	7	oc	—	3
Scilly ...	30.33	55	53	SE	5	5	SE	2	ob	—	4
Plymouth ...	30.41	52	50	SE	3	4	ESE	3	c	—	1
Portsmouth ...	30.48	54	51	SSE	3	4	E	2	b	—	3
Dover ...	30.49	57	46	SSW	3	3	ESE	0	fb	—	2
London ...	30.49	39	38	Z	0	2	NE	9	cbf	—	—
Helder ...	30.48	44	—	SW	2	—	—	—	—	—	2
Cape Gris Nez	30.50	46	42	S	3	3	E	9	?	—	1
Brest ...	—	49	47	ESE	4	4	SE	1	ob	—	3
L'Orient ...	30.41	46	44	ESE	5	5	ESE	2	b	—	3
Rochefort ..	30.35	45	43	E	5	4	N	0	cb	—	3
Biarritz ...	30.26	50	48	SE	4	5	NE	8	cf	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.57	44	—	ESE	2	—	—	—	bf	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.16	53	48	NNE	—	5	ESE	9	to	0.04	4
Heart's Content (9 a.m. local time.)	29.62	60	60	WSW	6	7	WSW	9	b2	0.24	5

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	30.15	61	56	SSE	1	—	—	8	co	—	1
Scarborough ...	30.35	52	50	SW	1	—	—	8	f	—	1
Greencastle ...	30.17	57	55	ESE	2	—	—	8	fo	—	—
Holyhead ...	30.33	57	54	SSE	5	—	—	1	b	—	—
Valencia ..	30.10	58	57	S	7	—	—	9	o2	—	7
Scilly ...	30.29	57	55	SSE	5	—	—	7	bc	—	4
London ...	30.42	56	52	S	1	—	—	9	o	—	—
Rochefort ...	30.30	63	61	E	5	—	—	0	b	—	3

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Fri-day

Since yesterday morning the barometer has risen at all but the northern stations, where it has fallen slightly; and during the night a slight fall has also taken place in Ireland. The lowest reading is still at Valencia, and is 0.37 in: less than those at Yarmouth and Paris.

Temperature has fallen rapidly over France, and to a less extent on our east coast, while in Scotland it has risen—especially at Naïon and Leith. Valencia is 20° warmer than London.

The wind has veered to S at nearly all our own stations, but continues SE<sup>ly</sup> in France. In the south of Ireland it has increased in force, and now blows a fresh gale at Valencia.

Rain has fallen at Roche's Point and Naïon. Aurora was seen at Thurso last night. The amount of cloud is very variable, but fog prevails at several stations. The sea is rough at Valencia, moderate to smooth generally.

2 P.M. The barometer has fallen slightly at all stations except Holyhead. At Valencia the wind has decreased a little, but the sea keeps high, and rain is falling. Elsewhere the wind is light to moderate and the sea smooth.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea
OCT <sup>3</sup>												
12 <sup>th</sup>	Christiansund	30.31	44	43	WSW	6	0	7	—	o	—	4
—	Skudesnaes	30.39	45	44	ENE	2	0	7	—	ot	—	2
—	Oss	30.39	37	36	W	2	4	NE	—	cb	—	2
4	Faro	30.31	41	40	NW	—	—	—	—	b	—	—
5	Heart's Content	30.24f	57	55	ESE	2	2	SW	8	o	—	2

Metecrological Office,

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 14<sup>th</sup>

Saturday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.11	49	46	SSE	4	6	SW	—	c	—	4
* Skudesnaes ...	30.20	48	45	ESE	4	0	Z	—	o	—	3
* Oxo (Christiansand)	30.33	38	37	NNW	2	2	WNW	—	bc	—	1
Fanö ...								—		—	—
Shetland (Sumburgh Hd.)	29.937	51	50	S	4	2	S	7	o	—	3
Thurso ...	29.917	51	48	SSW	2	1	SSE	5	oc	0.02	2
Wick ...	29.897	52	50	SSE	3	4	SSE	8	o	0.02	3
Nairn ...	29.947	52	50	W	2	0	Z	6	c	—	1
Aberdeen ...	30.057	49	47	SSW	1	2	SSW	8	co	—	0
Leith ...	—	53	49	SW	3	2	NE	4	c	—	—
Shields ...	30.167	44	43	SSW	2	3	SW	5	cm	—	2
Scarborough ...	30.237	43	42	WSW	3	2	SW	7	fc	—	2
Yarmouth ...	30.347	49	47	SSW	2	3	SSW	4	c	—	3
Ardrossan ...	30.047	54	52	S	5	6	S	8	fr	0.03	5
Greencastle ...	29.927	56	54	SSE	6	8	SSE	8	o	0.18	—
Holyhead ...	30.127	52	51	SE	6	6	S	6	c	—	—
Liverpool (Bidston Obs.)	30.157	45	43	SSE	3	4	SSE	7	c	—	2
Valencia ...	29.987	59	57	SSW	4	7	S	6	rc	0.82	4
Roche's Point	30.057	57	56	SW	4	8	SSW	9	o	0.12	4
Pembroke ...	30.147	56	54	S	5	6	S	9	co	—	4
Scilly ...	30.177	57	56	S	4	5	SSE	8	co	—	4
Plymouth ...	30.237	48	47	ENE	2	4	SSE	9	bm	—	1
Portsmouth ...	30.287	53	51	SSE	3	3	SSE	3	bc	—	3
Dover ...	30.337	51	47	SSW	2	3	SSW	0	b	—	1
London ...	30.327	41	40	SSE	1	2	SSE	3	fbrn	—	—
Helder ...	30.39	40	—	S	2	—	—	—	—	—	2
Cape Gris Nez	30.357	44	40	S	1	3	S	0	b	—	1
Brest ...	—	50	48	ESE	4	5	SE	7	bf	—	4
L'Orient ...	30.257	44	44	ESE	4	5	ESE	3	bc	—	3
Rochefort ...	30.197	45	43	E	4	5	E	0	b	—	3
Biarritz ...	30.177	53	53	E	3	4	E	20	b	—	1
Corunna ...										—	—
Brussels ...										—	—
Paris ...	30.32	41	—	ENE	2	—	—	—	bf	—	—
Strasbourg ...										—	—
Lyons ...										—	—
Toulon ...	30.147	—	—	ESE	5	4	WSW	9	bc	—	6
Heart's Content (9 a.m. local time.)	30.282	41	37	WNW	5	8	SW	2	20c	—	4

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...	29.85	66	53	S	3	—	—	6	c	—	2
Scarborough ...	30.16	53	51	SW	4	—	—	8	co	—	3
Greencastle ...	29.86	58	55	S	5	—	—	8	o	—	—
Holyhead ...	30.08	54	53	ESE	6	—	—	8	20	—	—
Valencia ..	29.94	60	58	SW	5	—	—	8	co	—	4
Scilly ...	30.14 <sup>4</sup>	58	57	SSW	3	—	—	9	om	—	4
London ...	30.22	56	52	SE	1	—	—	6	c	—	—
Rochefort ...										—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



Sea  
sturb  
to 9.)

Sea  
sturb  
to 9.)

3

2  
3

10

2  
2  
3

5  
—  
—  
2

2  
4  
1

1  
4  
3

1

—  
—  
—  
—  
*b*  
+  
  
2  
8  
—  
—  
+

ary  
lm.  
ly;  
ous

July

ous



EIGHT A.M.

## WEATHER REPORT. 1871.

October 15<sup>th</sup>

Sun. day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.00	49	47	ESE	2	—	—	—	o	—	3
* Skudesnaes ...	30.12	50	48	SE	6	6	SSE	—	o	—	4
* Oxo (Christiansand)	30.25	46	46	NNW	2	2	NNE	—	of	—	1
Fanö ...	39.27	42	41	SSW	4	—	—	—	b	—	—
Shetland (Sumburgh Id.)	29.80f	57	57	S	5	5	S	7	r	0.08	4
Thurso ...	29.77f	48	47	SW	1	1	WSW	8	po	0.05	1
Wick ...	29.87f	57	50	S	2	5	SE	8	o	0.10	3
Nairn ...	29.80f	52	50	SW	1	3	W	4	c	—	1
Aberdeen Gaon	29.87f	53	52	SSW	2	5	SSW	9	or	0.07	2
Leith ... Gaon	29.86f	53	54	W	3	3	SW	6	cr	0.20	—
Shields ...	29.95f	48	48	SW	2	5	SSW	9	m	0.11	2
Scarborough ...	30.02f	48	47	SW	2	4	SW	9	o	—	3
Yarmouth ...	30.13f	53	52	S	2	3	S	3	c	—	3
Ardrossan ...	29.905	54	52	SW	2	5	S	4	oc	0.27	3
Greencastle ...	29.89r	52	57	WSW	2	6	SSE	8	o	0.17	—
Holyhead ...	29.97f	53	54	SSE	4	6	SSW	8	o	0.29	—
Liverpool (Biddston Obs.)	30.01f	49	48	SSE	2	3	SE	7	oc	0.20	1
Valencia ...	29.95r	53	54	W	3	5	SW	4	rc	0.42	3
Roche's Point	29.94f	57	56	WSW	2	5	SW	9	o	?	3
Pembroke ...	29.98f	53	53	SW	1	7	SSW	8	or	0.53	3
Scilly ...	30.02f	57	56	W	1	4	SSW	8	o	0.13	3
Plymouth ...	30.06f	53	54	Z	0	2	SE	9	of	—	0
Portsmouth ...	30.09f	48	47	SSE	2	3	SSE	8	cf	—	2
Dover ...	30.11f	52	52	S	1	1	E	2	fb	—	1
London ...	30.10f	40	39	Z	0	2	SE	7	cbf	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.13f	44	40	S	1	1	S	4	bc	—	1
Brest ...	—	53	53	SSE	4	4	ESE	9	fo	—	3
L'Orient ...	30.12f	46	46	E	3	4	ESE	7	cm	—	3
Rochefort ...	30.08f	46	42	E	4	4	E	0	b	—	3
Biarritz ...	30.09f	53	53	S	4	4	N	4	c	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.14	41	—	ESE	2	—	—	—	b	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.08f	52	48	N	1	3	ENE	74	ob	—	4
Heart's Content (9 a.m. local time.)	29.89f	50	48	SW	5	5	WNNW	9	bo	—	4

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Holyhead ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Scilly ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



Sea Disturb 0 to 9.	td
3	
4	
1	
—	
4	
1	
3	
1	
2	
—	
2	
3	
3	
3	
—	
—	
1	
3	
3	
3	
3	
0	
2	
1	
—	
1	
3	
3	
3	
3	
—	
—	
—	
—	
4	
4	
—	
—	
—	

Sea Disturb 0 to 9.	td
3	
4	
1	
—	
4	
1	
3	
1	
2	
—	
2	
3	
3	
3	
—	
—	
1	
3	
3	
3	
3	
0	
2	
1	
—	
1	
3	
3	
3	
3	
—	
—	
—	
—	
4	
4	
—	
—	
—	

Sea Disturb 0 to 9.	td
3	
4	
1	
—	
4	
1	
3	
1	
2	
—	
2	
3	
3	
3	
—	
—	
1	
3	
3	
3	
3	
0	
2	
1	
—	
1	
3	
3	
3	
3	
—	
—	
—	
—	
4	
4	
—	
—	
—	

Sea Disturb 0 to 9.	td
3	
4	
1	
—	
4	
1	
3	
1	
2	
—	
2	
3	
3	
3	
—	
—	
1	
3	
3	
3	
3	
0	
2	
1	
—	
1	
3	
3	
3	
3	
—	
—	
—	
—	
4	
4	
—	
—	
—	

Sea Disturb 0 to 9.	td
3	
4	
1	
—	
4	
1	
3	
1	
2	
—	
2	
3	
3	
3	
—	
—	
1	
3	
3	
3	
3	
0	
2	
1	
—	
1	
3	
3	
3	
3	
—	
—	
—	
—	
4	
4	
—	
—	
—	

Sea Disturb 0 to 9.	td
3	
4	
1	
—	
4	
1	
3	
1	
2	
—	
2	
3	
3	
3	
—	
—	
1	
3	
3	
3	
3	
0	
2	
1	
—	
1	
3	
3	
3	
3	
—	
—	
—	
—	
4	
4	
—	
—	
—	

Sea Disturb 0 to 9.	td
3	
4	
1	
—	
4	
1	
3	
1	
2	
—	
2	
3	
3	
3	
—	
—	
1	
3	
3	
3	
3	
0	
2	
1	
—	
1	
3	
3	
3	
3	
—	
—	
—	
—	
4	
4	
—	
—	
—	

Sea Disturb 0 to 9.	td
3	
4	
1	
—	
4	
1	
3	
1	
2	
—	
2	
3	
3	
3	
—	
—	
1	
3	
3	
3	
3	
0	
2	
1	
—	
1	
3	
3	
3	
3	
—	
—	
—	
—	
4	
4	
—	
—	
—	



EIGHT A.M.

## WEATHER REPORT. 1871.

October 16<sup>th</sup>

Monday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.97	43	41	Z	0	2	E	—	rb	—	3
* Skudesnaes ...	29.94	49	45	ESE	4	6	SE	—	oc	—	3
* Oxo (Christiansand)	30.10	46	45	N	4	2	NNE	—	co	—	2
Fanö ...								—		—	—
Shetland (Sumburgh Hd.)	29.757	49	49	S	1	5	S	8	rm	0.43	5
Thurso ...	29.797	54	52	Z	0	4	S	6	c	—	0
Wick ...	29.797	48	47	W	2	2	SSW	8	o	0.14	2
Nairn ...	29.855	47	46	NW	1	1	SW	9	ot	0.18	1
Aberdeen ...	29.877	49	48	NNW	1	2	SSW	9	et	0.02	1
Leith ...	29.807	50	47	W	1	1	W	5	cf	—	—
Shields ...	29.897	48	47	SW	2	3	SSW	8	m	0.01	1
Scarborough ...	29.907	50	49	SW	1	3	SW	9	o	0.11	1
Yarmouth ...	29.997	52	52	Z	0	2	S	6	f	—	3
Ardrossan ...	29.857	49	48	ENE	1	2	WSW	7	et	0.07	1
Greencastle ...	29.877	50	49	W	1	2	WSW	9	o	0.04	—
Holyhead ...	29.917	53	53	S	4	6	S	8	r	0.20	—
Liverpool (Bidston Obs.)	29.957	52	49	SW	1	3	SSE	9	co	0.01	1
Valencia ...	29.877	57	55	SSW	3	3	W	7	re	0.06	2
Roche's Point	29.917	56	55	WSW	3	3	WSW	9	o	0.09	3
Pembroke ...	29.937	56	54	SSW	1	1	SW	9	o	0.03	2
Scilly ...	29.957	58	57	SW	4	4	SW	8	o	0.19	3
Plymouth ...	29.997	54	54	Z	0	1	SW	9	f	0.02	0
Portsmouth ...	29.997	56	56	SW	1	3	SSE	9	cm	—	1
Dover ...	30.007	52	51	SW	1	1	SSW	4	bc	—	1
London ...	29.987	53	52	SSW	1	1	SE	9	fbr	0.01	—
Helder ...	29.98	40	—	S	2	—	—	—	—	—	2
Cape Gris Nez	30.007	46	44	SSW	1	1	S	4	bc	—	1
Brest ...											
L'Orient ...	30.027	50	50	E	1	1	SSW	8	cm	—	2
Rochefort ...	30.037	49	47	SE	4	4	WNW	0	b	—	3
Biarritz ...	30.045	57	49	SE	4	4	S	0	cb	—	3
Corunna ...											
Brussels ...											
Paris ...	30.08	37	—	SW	2	—	—	—	f	—	—
Strasbourg ...											
Lyons ...											
Toulon ...	30.057	55	53	N	1	4	WSW	1	b	—	3
Heart's Content (9 a.m. local time.)											

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...											
Scarborough ...											
Greencastle ...											
Holyhead ...											
Valencia ..											
Scilly ...											
London ...											
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



Sea  
sturb.  
to 9.)

3  
3  
2  
—  
5  
0  
2  
1  
1  
—  
1  
1  
3  
1  
—  
—  
1  
2  
3  
2  
3  
0  
1  
1  
—  
2  
1

2  
3  
3  
—  
—  
—  
—  
3  
—  
—  
—

reury  
calm-  
nally;  
ndous

1

11

2  
3  
3  
—  
—  
—  
—  
3  
—  
—  
—

reury  
calm-  
nally;  
ndous

1

reury  
calm-  
nally;  
ndous

1

11



EIGHT A.M.

## WEATHER REPORT. 1871.

October 17<sup>th</sup>

Tues. day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund								—		—	
* Skudesnaes ...								—		—	
* Oxo (Christiansand)								—		—	
Fanø ...	30.09	42	42	WSW	2	—	—	—	f	—	—
Shetland (Sumburgh Hd.)	29.685	50	50	S	4	4	ESE	8	m	0.15	5
Thurso ...	29.677	52	50	S	3	3	S	7	c	0.02	2
Wick ...	29.707	53	52	SSE	3	2	W	8	o	0.05	2
Nairn ...	29.687	53	50	SSW	1	1	NW	6	oc	0.02	1
Aberdeen ...	29.765	52	51	S	3	3	S	9	om	0.01	1
Leith ...	29.747	54	51	SW	2	2	NW	4	c	?	—
Shields ...	29.837	52	51	SW	2	3	SW	7.6	co	0.10	0
Scarborough ...	29.917	52	51	SW	2	1	SW	9	co	0.06	2
Yarmouth ...	30.027	54	52	S	3	3	S	4	c	—	4
Ardrossan ...	29.767	54	52	S	4	6	SE	8	co	0.08	4
Greencastle ...	29.697	53	52	SSW	1	5	S	8	o	0.02	—
Holyhead ...	29.757	54	53	SSE	3	4	S	8	ct	0.18	—
Liverpool (Bilston Obs.)	29.837	54	52	SE	3	4	SW	9	co	0.21	2
Valencia ...	29.767	52	51	SW	3	4	SSW	6	tc	0.03	1
Roche's Point	29.787	55	53	WSW	2	3	SSW	5	oc	0.23	3
Pembroke ...	29.807	57	55	SW	4	8	SSW	9	of	0.42	4
Scilly ...	29.877	58	57	SW	4	6	SW	9	of	0.44	4
Plymouth ...	29.927	59	59	SW	2	2	SW	9	mt	0.04	3
Portsmouth ...	29.997	58	56	SW	2	2	SW	5	oc	—	3
Dover ...	30.027	55	54	SSW	3	1	S	5	c	—	2
London ...	30.007	54	53	SSW	2	2	W	9	o	0.01	—
Helder ...	30.09	45	—	SW	4	—	—	—	—	—	2
Cape Gris Nez	30.037	50	46	SSW	3	1	SSW	8	fo	—	2
Brest ...	—	59	57	SSE	4	4	SSE	5	oc	—	5
L'Orient ...	30.007	56	56	ESE	3	3	SE	5	cy	—	3
Rochefort ...	30.027	55	53	SE	4	4	SE	0	h	—	3
Biarritz ...	29.975	63	56	SE	3	5	E	6	c	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.10	44	—	W	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.137	56	54	N	—	1	N	8	c	—	5
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...											
Scarborough ...											
Greencastle ...											
Holyhead ...											
Valencia ..											
Scilly ...											
London ...											
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l. lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanø stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



Sea  
disturb  
(0 to 9.)

—  
5  
2  
2  
1  
1  
—  
0  
2  
4  
14

—  
5  
2  
2  
1  
1  
—  
0

2  
1  
1  
—  
0

1  
—  
0  
2  
4  
4

2  
4  
4

4  
4

—  
—  
2  
1  
3  
4  
4  
3  
3  
2

1  
2  
2  
5  
3  
3  
3

— — — — —

mercury  
-calm.  
nally;  
endous

mercury  
-calm.  
nally;  
endous

mercury  
-calm.  
nally;  
endous



EIGHT A.M.

## WEATHER REPORT. 1871.

October 18<sup>th</sup>

Wednesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud.	Weather.	Rain. (Inches.)	Sea Disturb.
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.89	49	47	ESE	2	0	Z	—	20	—	3
* Skudesnaes ...	29.99	52	51	SSE	6	6	SSE	—	20	—	4
* Oxo (Christiansund)	30.15	48	47	ENE	2	4	ENE	—	f	—	2
Fanö ...	30.10	41	41	SE	2	—	—	—	c	—	—
Shetland (Samburgh Hd.)	29.78	50	49	S	2	4	S	5	m	—	5
Thurso ...	29.73	50	48	SSE	2	2	SSE	7	c	—	2
Wick ...	29.76	52	51	SE	3	4	SSE	7	oc	—	3
Nairn ...	29.73	53	53	SSW	2	1	SSW	9	co	—	1
Aberdeen ...	29.82	53	52	S	1	3	S	8	co	—	1
Leith ...	29.75	53	54	SE	2	2	SW	5	c	—	—
Shields ...	29.86	55	55	S	3	4	SW	8	cm	0.01	1
Scarborough ...	29.92	54	53	S	2	2	SW	8	c	0.02	2
Yarmouth ...	29.98	54	53	SSE	2	4	SSE	0	cb	—	3
Ardrossan ...	29.75	57	55	SE	3	5	SW	7	ot	0.18	2
Greencastle ...	29.59	56	54	SSE	5	5	SSE	4	c	—	—
Holyhead ...	29.74	56	54	SSE	3	4	SSE	4	c	0.10	—
Liverpool (Bidston Obs.)	29.83	54	52	ESE	4	4	ESE	7	oc	0.01	2
Valencia ...	29.40	58	57	S	6	6	SSW	9	ot	0.28	5
Roche's Point	29.57	56	55	SSW	7	7	SSW	9	ot	0.11	4
Pembroke ...	29.74	57	56	S	5	6	S	9	fo	0.06	3
Scilly ...	29.75	56	55	SSW	7	7	SSW	9	ct	0.11	4
Plymouth ...	29.82	59	59	S	3	3	S	6	tc	0.13	1
Portsmouth ...	29.91	57	57	SE	2	3	SW	7	cm	0.19	2
Dover ...	29.97	56	54	SSW	2	2	SSW	2	cb	—	1
London ...	29.93	53	52	SE	1	2	S	9	cm	0.08	—
Helder ...	30.05	46	—	SE	2	—	—	—	—	—	2
Cape Gris Nez	29.97	52	50	S	3	3	S	5	bc	—	2
Brest ...	—	58	58	SW	4	5	SW	9	cm	—	4
L'Orient ...	29.89	58	58	WSW	1	4	SE	6	c	—	3
Rochefort ...	29.95	60	58	S	4	4	SE	9	co	—	3
Biarritz ...	29.98	70	65	S	3	4	E	7	f	0.08	6
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.02	44	—	SW	2	—	—	—	f	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.15	56	52	ENE	4	4	E	8	c	—	4
Heart's Content (9 a.m. local time.)	30.18	42	41	WSW	2	2	WSW	7	c	0.12	2

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	3
Thurso ...	29.64	58	56	SSE	5	—	—	5	cm	—	2
Scarborough ...	29.81	58	55	S	3	—	—	2	cb	—	—
Greencastle ...	29.46	57	55	SSE	9	—	—	9	c	—	—
Holyhead ...	29.65	60	57	SSE	3	—	—	6	c	—	6
Valencia ...	29.32	59	57	SSW	7	—	—	8	co	—	4
Scilly ...	29.64	58	57	S	6	—	—	8	c	—	—
London ...	29.83	65	62	ESE	3	—	—	3	bc	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER:** corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER:** dry and wet, exposed in shade. **WIND:** **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER:** b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL:** (snow or hail melted), during last 24 hours. **SEA DISTURBANCE:** 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Wednesday

Since last evening a rather rapid fall of the barometer has taken place in the S. of Ireland and is now extending to our other coasts. The reading at Valencia is 0.65 in lower than that at Heldee.

Temperature has risen a little at most stations, chiefly in Ireland and the N. of England.

The wind has freshened from S. on our western coasts, and has been blowing a strong breeze at Roche Pt since midnight. On our other coasts light S<sup>W</sup> winds are prevalent.

Some rain has fallen in the west. The sky is cloudy or overcast except on our S.E. coast. The sea is rough at Biarritz, rather so at Valencia and Scotland, moderate to smooth elsewhere.

Warnings issued to our western coasts.

2 P.M. The barometer is still falling generally. The wind has increased to a gale at all the Irish stations.

Warnings extended to Scotland.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
OCT <sup>r</sup>												
17 <sup>th</sup>	Christiansund	29.86	48	44	W	6	-	-	-	c	-	-
"	Skudesnæs	29.99	50	49	ESE	6	6	SE	-	o	-	4
"	Oslo.	30.12	46	45	NNE	4	4	ENE	-	o	-	2
"	Hearts Coast <sup>E</sup>	29.932	40	39	NE	2	5	NNW	9	f o	0.11	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

Thurs-day

October 19<sup>th</sup>

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund											
* Skudesnaes ...	29.85	53	49	ESE	4	4	SSE	—	oc	—	2
* Oxo (Christiansand)	30.02	46	46	ENE	6	4	ENE	—	bf	—	3
Fanö ...	29.96	45	45	WSW	4	—	—	—	f	—	—
Shetland (Sumburgh Hd.)	29.53f	50	50	SSE	7	5	SSE	6	m	—	6
Thurso ...	29.40f	54	53	SE	4	5	SE	8	co	—	3
Wick ...	29.43f	54	53	SE	3	5	SE	9	om	0.04	3
Nairn ...	29.39f	59	57	SSW	2	2	SSW	9	o	0.04	1
Aberdeen ...	29.50f	54	53	S	4	4	S	9	o	0.05	2
Leith ...	29.48f	59	57	S	2	2	S	8	co	0.02	—
Shields ...	29.57f	58	56	S	5	5	S	7	c	0.01	1
Scarborough ...	29.64f	56	55	S	2	3	S	9	co	—	2
Yarmouth ...	29.78f	57	56	SSE	4	4	S	6	c	—	4
Ardrossan ...	29.48f	55	53	S	5	7	SE	6	oc	0.30	4
Greencastle ...	29.43f	53	51	SSW	5	9	SSE	7	oc	—	—
Holyhead ...	29.57f	56	56	SSE	4	7	SSE	8	ct	0.16	—
Liverpool (Bidston Obs.)	29.58f	56	55	W	1	4	SE	9	ot	0.10	1
Valencia ...	29.51f	52	50	W	4	8	SSW	3	pc	0.52	5
Roche's Point	29.52f	52	50	W	2	8	SSW	2	tb	0.28	4
Pembroke ...	29.53f	56	55	SSW	6	9	S	9	ot	0.65	3
Scilly ...	29.54f	56	55	ESE	1	7	S	9	ot	0.46	5
Plymouth ...	29.57f	59	59	SW	4	6	S	9	t	0.18	4
Portsmouth ...	29.72f	59	58	SSW	4	4	SSW	8	ot	0.06	3
Dover ...	29.78f	58	57	SW	3	3	SSW	7	bc	—	2
London ...	29.72f	59	58	S	3	5	S	9	mo	—	—
Helder ...	29.85	48	—	SSE	2	—	—	—	—	—	2
Cape Gris Nez	29.79f	57	55	SSW	3	3	S	6	c	—	2
Brest ...	—	61	59	SSW	7	7	SSW	9	t	0.43	5
L'Orient ...	29.71f	60	60	SSW	5	5	SW	9	t	0.43	5
Rochefort ...	29.75f	59	55	SE	5	4	S	9	co	—	3
Biarritz ...	29.78f	64	57	S	4	5	S	9	co	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.00f	57	48	E	5	4	E	9	f	—	6
Heart's Content (9 a.m. local time.)											

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...											
Scarborough ...											
Greencastle ...											
Holyhead ...											
Valencia ..											
Scilly ...											
London ...											
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)

arb.  
9.)



EIGHT A.M.

## WEATHER REPORT. 1871.

October 20<sup>th</sup>

Fri-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	—	56	47	ESE	4	0	Z	—	c	—	2
* Skudesnaes ...	29.89	52	49	ESE	4	4	SSE	—	ob	—	4
* Oxo (Christiansand)	30.09	45	45	ENE	6	6	ENE	—	of	—	4
Fanö ...	29.97	45	45	SW	6	—	—	—	b	—	—
Shetland (Sumburgh Hd.)	29.63+	51	51	SW	1	7	SSE	8	mrf	0.35	6
Thurso ...	29.66+	48	47	SSW	1	2	SSE	7	oc	0.03	1
Wick ...	29.67+	50	49	S	1	3	SE	8	o	0.06	2
Nairn ...	29.69+	49	46	SSW	2	2	SSW	4	oc	—	1
Aberdeen ...	29.70+	50	49	S	1	4	S	9	rm	0.14	1
Leith ...	29.73+	51	49	W	2	2	S	6	oc	0.13	—
Shields ...	29.75+	52	51	NW	1	5	SSW	8	m	0.22	1
Scarborough ...	29.74+	56	55	N	2	2	S	9	ot	0.13	2
Yarmouth ...	29.79+	57	56	Z	0	3	S	8	f	—	4
Ardrossan ...	29.74+	51	49	W	2	5	S	3	c	—	2
Greencastle ...	29.73+	44	43	Z	0	5	SSW	1	cb	—	—
Holyhead ...	29.78+	56	55	WSW	3	5	SSE	4	rc	0.42	—
Liverpool (Bidston Obs.)	29.81+	50	49	W	2	3	WNW	8	o	0.96	2
Valencia ...	29.85+	46	45	N	2	3	NNW	3	sp	0.21	2
Roche's Point	29.84+	46	43	NW	3	3	NW	2	b	—	3
Pembroke ...	29.82+	52	49	WNW	5	3	NW	4	oc	0.32	0
Scilly ...	29.88+	53	49	WNW	5	5	WNW	5	oc	0.28	5
Plymouth ...	29.83+	51	50	SW	3	5	S	6	of	0.17	1
Portsmouth ...	29.80+	55	54	NW	3	4	SSW	6	oc	0.10	3
Dover ...	29.78+	59	59	WSW	1	2	SSW	5	btc	—	1
London ...	29.76+	57	57	SSW	2	3	S	9	ctt	0.15	—
Helder ...	29.84	48	—	SSE	2	—	—	—	—	—	2
Cape Gris Nez	29.78+	56	54	S	3	3	SSW	5	c	—	2
Brest ...	—	53	51	NNW	4	7	SSW	8	o	0.12	5
L'Orient ...	29.86+	53	53	NNW	4	5	SSW	9	r	0.47	5
Rochefort ...	29.78+	58	56	S	3	5	S	9	ot	0.39	3
Biarritz ...	29.85+	57	57	W	8	7	—	9	r	0.59	6
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	29.82	53	—	SW	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	—	—	—	—	—	—	—	—	—	—	—
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Holyhead ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Scilly ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Fri-day

The barometer has now risen at all stations, chiefly in the west, and over the British Isles pressure is comparatively uniform. The reading at Sumburgh  $14\frac{1}{2}$  is 0.25 in. lower than that at Scilly, but 0.46 in. lower than that at Oxo.

Temperature has fallen at all but our south-east stations and Holyhead.

The wind is light and variable—except at Biarritz and chiefly from W and NW in England and Ireland. In Scotland it is light from the SW<sup>nd</sup>, and in Norway moderate to fresh from the E<sup>nd</sup>.

Rain has fallen except in the north-west. Thunder and lightning are reported from the south-east of England, and heavy sleet showers from Valencia. Faint aurora was seen in London last night. The sky is very cloudy except on our western coasts, and rain is falling in the west of France. The weather does not seem settled. The sea is still rough in the Bay of Biscay and at Shetland, and rather so at Scilly - but is smooth elsewhere.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

*Reports received too late for insertion in their proper places.*

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
OCT <sup>5</sup>												
19 <sup>TH</sup>	Christiansund	29.84	54	48	ESE	4	4	ESE	—	c	—	3
"	Paris	29.86	54	—	SSW	2	—	—	—	c	—	—
"	Heart's Content	29.54f	41	41	NE	2	2	SW	9	ct	0.16	3

*Meteorological Office,*

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M

## WEATHER REPORT. 1871.

October 21<sup>st</sup>

Saturday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.80	44	43	—	4	—	—	—	b	—	1
*Skudesnaes ...	29.87	48	46	SSE	6	4	SE	—	br	—	4
*Oxo (Christiansand)	30.01	48	47	ENE	4	6	NE	—	o	—	3
Fano ...	29.99	44	43	SE	4	—	—	—	b	—	—
Shetland (Sumburgh hd.)	29.687	48	47	S	4	1	SW	4	mc	0.15	6
Thurso ...	29.657	40	39	SSE	1	2	SW	3	bc	—	1
Wick ...	29.677	47	45	SSE	5	2	S	4	oc	0.07	3
Nairn ...	29.637	45	42	SSW	2	1	WNW	6	c	—	1
Aberdeen ...	29.737	44	43	S	2	2	S	6	c	—	2
Leith ...	29.777	45	43	SSW	4	2	SW	6	bc	—	—
Shields ...	29.877	44	42	S	3	3	N	4	c	—	1
Scarborough ...	30.037	53	52	W	2	2	N	7	oc	0.06	2
Yarmouth ...	30.037	49	49	SW	2	2	S	8	f	0.39	3
Ardrossan ...	29.717	52	48	S	6	6	S	5	c	—	5
Greencastle ...	29.527	48	47	SSE	6	6	SSE	9	cr	0.12	—
Holyhead ...	29.787	52	50	S	6	7	S	7	c	—	—
Liverpool (Biston Obs.)	29.907	44	42	SSE	3	3	W	9	co	—	2
Valencia ...	29.687	55	52	W	7	8	SSW	4	rc	1.05	6
Roche's Point	29.657	57	57	SW	6	8	SSW	9	cr	0.68	5
Pembroke ...	29.847	53	51	S	7	7	SSE	9	or	—	4
Scilly ...	29.907	55	54	SSW	7	7	SSW	9	cr	0.03	5
Plymouth ...	30.007	54	51	SSW	5	6	S	9	mo	—	4
Portsmouth ...	30.057	50	49	Z	0	3	NW	8	of	—	1
Dover ...	30.047	52	51	W	1	3	NW	3	ofb	0.35	1
London ...	30.047	46	45	SW	2	2	WNW	8	rbc	0.07	—
Helder ...	30.00	55	—	WSW	2	—	—	—	—	—	2
Cape Gris Nez	30.047	54	52	SW	1	1	WSW	4	rf	0.32	1
Brest ...	30.117	59	55	SW	5	4	NNW	9	co	—	4
L'Orient ...	30.157	53	49	WSW	3	5	NNW	9	co	0.04	3
Rochefort ...	30.127	52	48	N	4	4	NW	0	ob	—	3
Biarritz ...	30.187	55	53	S	4	8	W	9	r	1.02	6
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.11	54	—	WNW	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.157	59	54	E	4	8	E	3	fc	—	6
Heart's Content (9 a.m. local time.)	29.667	38	36	NNW	6	6	ESE	5	oc	0.50	5

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	3
Thurso ...	29.45	48	47	SSE	7	—	—	8	cr	—	3
Scarborough ...	29.80	50	49	SSW	4	—	—	9	o	—	—
Greencastle ...	29.54	54	51	WSW	5	—	—	3	c	—	—
Holyhead ...	29.67	56	55	SSW	7	—	—	6	rc	—	6
Valencia ...	29.87	55	51	WNW	6	—	—	6	p	—	5
Scilly ...	29.90	57	56	W	6	—	—	5	rc	—	—
London ...	29.98	55	54	SW	3	—	—	9	r	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fano stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



ca  
curli  
o 9.)

3  
3  
—  
—  
6  
5  
—

curry  
alm.  
lly;  
lous

6

3  
3

curry  
alm.  
lly;  
lous

3  
3

curry  
alm.  
lly;  
lous

3  
3

curry  
alm.  
lly;  
lous

3  
3  
—  
—  
6  
5  
—

curry  
alm.  
lly;  
lous

3  
3

curry  
alm.  
lly;  
lous



EIGHT A.M.

## WEATHER REPORT. 1871.

Sun-day

October 22<sup>nd</sup>

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.78	47	44	Z	0	—	2	—	co	—	2
* Skudesnaes ...	29.89	49	48	—	—	—	—	—	—	—	—
* Oxo (Christiansand)	29.88	47	46	E	2	0	2	—	fo	—	2
Fanø ...	29.92	50	50	E	6	—	—	—	o	—	—
Shetland (Sumburgh H.A.)	29.84+	51	49	WSW	6	8	ENE	5	rc	0.07	5
Thurso ...	29.93+	54	52	S	2	4	SSE	6	c	0.03	2
Wick ...	29.96+	52	49	SSW	4	5	NE	6	c	—	3
Nairn ...	30.02+	53	50	S	1	3	SSW	3	c	0.02	1
Aberdeen ...	30.07+	45	43	WSW	1	6	S	1	cb	0.06	1
Leith ...	30.10+	53	49	W	5	5	S	2	ob	0.03	—
Shields ...	30.18+	48	46	W	5	5	WNW	2	mb	0.15	1
Scarborough ...	30.23+	50	48	W	2	4	SSW	2	cb	—	2
Yarmouth ...	30.21+	53	50	NW	4	4	SW	2	fc	0.31	3
Ardrossan ...	30.12+	52	49	SW	5	7	SW	5	qpc	0.30	5
Greencastle ...	30.11+	48	47	SSW	2	6	SSE	1	cb	0.11	—
Holyhead ...	30.23+	56	54	SW	4	6	SSW	5	c	0.32	—
Liverpool (Bishop Obs.)	30.24+	52	49	WSW	3	6	W	6	c	0.41	3
Valencia ...	30.21+	55	53	SW	6	6	NW	6	rc	0.04	5
Roche's Point	30.25+	55	52	SW	2	5	NNW	9	c	0.14	3
Pembroke ...	30.29+	54	51	WNW	2	9	SSW	4	oc	0.48	2
Scilly ...	30.38+	54	52	WNW	1	9	SSW	5	om	0.26	6
Plymouth ...	30.32+	45	44	ENE	2	4	S	2	fm	0.43	1
Portsmouth ...	30.36+	48	47	NW	3	6	SW	4	rc	0.21	3
Dover ...	30.30+	50	47	WNW	3	7	WSW	2	cb	0.10	3
London ...	30.32+	47	46	WNW	1	6	SSW	7	rgc	0.20	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.26+	51	47	—	5	8	WSW	0	rb	0.16	4
Brest ...	30.36+	57	49	ENE	1	7	WSW	3	m	0.16	4
L'Orient ...	30.41+	50	50	N	1	5	SW	5	c	0.20	3
Rochefort ...	36.36+	57	53	S	3	3	SE	6	oc	—	3
Biarritz ...	30.37+	56	56	SE	4	4	E	2	oc	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.37	49	—	W	2	2	W	—	rc	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.20+	58	56	—	4	5	E	6	c	—	5
Heart's Content (9 a.m. local time.)	29.78+	42	40	W	6	7	NNW	9	o	0.01	6

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Holyhead ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Scilly ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); n.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
\* The Norwegian and Fanø stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



urb.  
9.)

—

## 6

2

1

y

y  
24

435



EIGHT A.M.

## WEATHER REPORT. 1871.

October 23<sup>rd</sup>

Mon. day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.95	48	43	ESE	2	0	Z	—	b	—	4
* Skudesnaes ...	30.27	49	47	ESE	6	2	SE	—	b	—	4
* Oxo (Christiansand)	30.39	44	43	N	2	0	Z	—	co	—	2
Fanö ...	30.30	51	51	Z	0	—	—	—	f	—	—
Shetland (Sumburgh Id.)	29.842	50	50	SSW	7	6	WSW	5	cm	—	3
Thurso ...	29.898	52	48	S	4	4	S	7	c	—	3
Wick ...	29.882	52	50	SSW	6	6	SSW	8	co	—	4
Nairn ...	29.938	53	51	SW	4	1	SSW	8	co	—	3
Aberdeen ...	30.068	52	49	SSW	3	6	SSW	8	bo	—	1
Leith ...	30.118	54	50	W	4	5	W	8	bo	—	—
Shields ...	30.218	44	43	S	2	5	W	4	bm	—	1
Scarborough ...	30.278	45	44	SW	3	2	W	7	bc	—	2
Yarmouth ...	30.345	47	46	SSW	2	4	NNW	6	f	—	3
Ardrossan ...	30.118	54	51	SSW	6	6	S	7	c	—	5
Greencastle ...	29.988	52	50	SSW	6	7	SSW	8	o	—	—
Holyhead ...	30.198	55	51	W	5	6	SW	6	c	—	—
Liverpool (Bilston Obs.)	30.278	43	42	SSE	2	3	WSW	7	c	—	2
Valencia ...	30.078	57	56	SW	5	7	SW	8	cm	0.02	5
Roche's Point	30.128	56	55	SSW	5	5	SSW	9	cm	0.05	4
Lembroke ...	30.238	55	51	SSW	4	5	SSW	9	co	0.02	3
Scilly ...	30.268	54	52	SSW	4	4	SSW	7	c	—	5
Plymouth ...	30.298	54	52	S	2	3	WNW	8	mc	—	2
Portsmouth ...	30.298	49	48	E	2	3	NW	7	com	—	1
Dover ...	30.378	51	50	S	3	1	NW	2	b	—	2
London ...	30.368	40	39	Z	0	2	WNW	9	cbf	—	—
Helder ...	30.38	43	—	SSW	2	—	—	—	—	—	2
Cape Gris Nez	30.368	46	46	S	1	5	NW	0	b	—	1
Brest ...	30.318	52	50	ESE	3	3	N	7	bo	—	3
L'Orient ...	30.328	49	49	SE	4	4	SE	3	c	—	3
Rochefort ...	30.258	47	45	E	4	3	E	0	cb	—	3
Biarritz ...	30.178	49	47	ESE	3	4	E	3	cf	—	6
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.36	43	—	WNW	2	—	—	—	rb	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.048	56	52	ENE	3	—	—	7	bf	—	4
Heart's Content (9 a.m. local time.)	29.842	42	42	S	3	6	W	9	fo	0.04	2

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	29.89	55	52	S	4	—	—	8	co	—	3
Scarborough ...	30.24	53	49	SW	4	—	—	4	c	—	4
Greencastle ...	30.03	52	50	SW	2	—	—	9	c	—	—
Holyhead ...	30.17	56	53	S	4	—	—	5	c	—	—
Valencia ...	30.14	53	51	N	4	—	—	9	c	—	4
Scilly ...	30.23	58	55	SSW	4	—	—	7	c	—	5
London ...	30.32	57	52	SSW	3	—	—	9	c	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea-level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **TEMPERATURE**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Mon-day

Yesterday morning the barometer had risen considerably throughout the British Isles but fallen a little in Norway. To-day the rise has continued at our eastern stations, but a fall has set in on all the western and northern coasts. The lowest reading is Lumburg Head, being 0.54 in. lower than that at Keldie.

Temperature has changed very variably, but continues comparatively uniform.

The wind after veering to NW at all but the northern stations has again backed to E over the British Isles, and is fresh on the NW coasts. Over the W of France, however, it is light from E and SE. Some rain has fallen generally. The sky is very cloudy, with mist and fog in the south. The sea is rather rough in the west, smooth elsewhere.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

*Reports received too late for insertion in their proper places.*

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
Oct 2 <sup>nd</sup>	Toulon	30.152	59	54	E	4	8	E	3	fc	—	6
21 <sup>st</sup>	Hearts Content	29.662	38	36	NNW	6	6	ESE	5	c	0.50	5

*Meteorological Office,*

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 24<sup>th</sup>

Tues-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.12	48	46	SW	4	6	SW	—	co	—	3
* Skudesnaes ...	30.18	50	50	SSE	4	6	SE	—	o	—	4
* Oxø (Christiansand)	30.31	50	48	SSW	4	2	S	—	co	—	3
Fanø ...	30.36	45	44	SE	2	—	—	—	c	—	—
Shetland (Sumburgh Hd.)	30.142	45	44	NNW	1	3	WNW	5	c	0.02	3
Thurso ...	30.182	35	34	SSW	1	3	W	4	cm	0.08	1
Wick ...	30.192	35	34	WSW	2	4	W	4	oc	0.02	2
Nairn ...	30.212	43	42	Z	0	4	SW	8	o	0.03	1
Aberdeen ...	30.162	49	48	NNE	1	3	SSW	9	orm	0.07	1
Leith ...	30.172	50	49	NE	2	3	W	9	co	0.18	—
Shields ...	30.178	50	49	SSW	2	3	SSW	8	cm	0.04	1
Scarborough ...	30.218	49	48	WSW	2	4	SW	8	co	—	2
Yarmouth ...	30.298	47	46	Z	0	3	S	5	f	—	3
Ardrossan ...	30.212	46	45	NW	2	6	SSW	4	oc	0.10	1
Greencastle ...	30.222	43	42	WNW	1	6	SSW	2	oc	0.13	—
Holyhead ...	30.212	52	52	SSW	4	6	S	8	cr	0.51	—
Liverpool (Bidston Obs.)	30.218	49	48	SSE	2	3	SSE	9	cr	0.03	1
Valencia ...	30.332	47	46	NNE	2	4	N	5	rc	0.25	1
Roche's Point	30.262	47	45	N	3	5	SSW	2	mb	0.26	3
Pembroke ...	30.208	54	53	SW	2	4	SSW	9	of	0.11	2
Scilly ...	30.228	55	54	SW	2	4	SSW	9	oz	0.06	5
Plymouth ...	30.248	49	48	NNW	2	3	S	9	cm	—	1
Portsmouth ...	30.268	48	47	ENE	1	4	SE	6	bc	—	1
Dover ...	30.268	49	47	NE	1	2	S	6	bc	—	1
London ...	30.298	38	38	Z	0	2	S	9	cbf	—	—
Helder ...	30.31	49	—	ENE	2	—	—	—	—	—	2
Cape Gris Nez	30.268	44	42	E	3	3	NE	9	bf	—	1
Brest ...	30.258	49	47	E	1	4	ESE	7	of	—	4
L'Orient ...	30.258	46	44	ESE	3	4	E	4	c	—	3
Rochefort ...	30.168	47	43	N	4	4	NE	0	b	—	3
Biarritz ...	30.132	47	45	S	4	3	E	2	c	—	5
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.19	42	—	NW	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.858	57	48	ENE	7	7	ESE	8	co	—	6
Heart's Content (9 a.m. local time.)	30.015	39	38	NE	2	4	SSW	8	fo	0.64	2

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	2
Thurso ...	30.07	52	48	E	2	—	—	4	c	—	2
Scarborough ...	30.19	53	50	SW	2	—	—	9	ot	—	2
Greencastle ...	30.22	51	49	WSW	4	—	—	3	c	—	—
Holyhead ...	30.24	53	50	WNW	3	—	—	4	c	—	1
Valencia ...	30.35	55	51	WNW	3	—	—	5	c	—	5
Scilly ...	30.24	53	53	NNE	6	—	—	8	o	—	—
London ...	30.24	48	47	Z	0	—	—	7	f	—	—
Rochefort ...	30.15	53	48	NE	4	—	—	9	o	—	3

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanø stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Tues-day

Since yesterday morning the barometer has risen briskly at the western and northern stations, but fallen slightly in England and France, so that pressure is now remarkably uniform. The reading at Valentia is only about 0.18 in. higher than those at Lumburg Head and Rockport.

Temperature has fallen at all stations, but those on our northeast coast and Liverpool, where it has risen slightly. In Caithness it has fallen  $17^{\circ}$  and is low.

The wind is very light generally. In direction it is extremely variable over the British Isles, and E<sup>ly</sup> over France.

Rain has fallen on our western and northern coasts. The sky is cloudy generally, with a good deal of fog about. The sea keeps rather rough at Scilly, but is smooth generally.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

*Reports received too late for insertion in their proper places.*

[illegible]

*Meteorological Office,*

ROBERT H. SCOTT.

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 25<sup>th</sup>

Wednesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.97	49	43	SSW	6	0	2	—	c	—	3
* Skudesnaes ...	30.19	44	43	2	0	4	SSE	—	ob	—	2
* Oxö (Christiansand)	30.25	49	48	SW	4	2	SW	—	o	—	2
Fanö ...	30.28	41	41	SW	2	—	—	—	—	—	—
Shetland (Sumburgh Hd.)	30.028	47	47	SSW	4	4	SSW	6	co	0.03	3
Thurso ...	30.048	45	44	SSE	2	2	SSW	8	bo	0.01	2
Wick ...	30.068	49	48	SSW	3	2	SSW	8	co	—	2
Nairn ...	30.108	49	47	SSW	2	0	2	8	o	—	1
Aberdeen ...	30.168	44	43	SSW	3	3	SSW	3	oc	0.04	1
Leith ...	30.252	49	47	W	4	2	W	6	e	0.08	—
Shields ...	30.312	45	44	W	2	4	W	1	m	—	1
Scarborough ...	30.242	43	42	W	1	2	SW	1	ob	0.05	1
Yarmouth ...	30.312	49	49	NNW	2	2	E	6	g	—	3
Ardrossan ...	30.282	52	49	SW	4	2	NW	6	e	—	3
Greencastle ...	30.238	48	47	WSW	3	4	WSW	7	e	—	—
Holyhead ...	30.372	51	50	SSW	2	4	WNW	6	c	—	—
Liverpool (Bidston Obs.)	30.372	48	46	W	1	3	NW	2	eg	0.01	1
Valencia ...	30.402	55	54	WSW	3	3	WNW	8	co	—	3
Roche's Point	30.402	49	48	NW	1	3	N	9	bg	—	1
Pembroke ...	30.412	52	50	N	5	6	N	3	c	0.11	2
Scilly ...	30.442	54	51	NNE	3	6	NNE	3	e	0.05	3
Plymouth ...	30.412	45	44	NW	1	3	NW	0	of	0.01	0
Portsmouth ...	30.342	48	46	N	2	1	ENE	8	co	—	2
Dover ...	30.302	49	48	N	2	2	ESE	5	e	—	1
London ...	30.332	48	47	NNW	1	0	2	9	fo	—	—
Helder ...	30.28	48	—	NE	3	—	—	—	—	—	2
Cape Gris Nez	30.268	50	48	N	5	3	E	8	o	—	4
Brest ...	30.332	53	51	ESE	3	3	ESE	3	cb	0.04	2
L'Orient ...	30.342	53	51	NE	4	4	NE	9	m	—	2
Rochefort ...	30.242	46	42	N	4	4	NE	4	oc	—	3
Biarritz ...	30.232	50	46	SE	4	5	NW	9	o	—	5
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.27	45	—	NNW	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.898	50	46	SW	1	5	ENE	0	ob	—	6
Heart's Content (9 a.m. local time.)	30.392	36	33	W	5	5	NE	0	cb	0.01	4

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	3
Thurso ...	29.90	52	50	SSE	4	—	—	8	or	—	2
Scarborough ...	30.32	51	49	W	2	—	—	5	bc	—	—
Greencastle ...	30.15	53	51	SW	5	—	—	9	o	—	—
Holyhead ...	—	55	53	SSW	2	—	—	4	c	—	3
Valencia ..	30.37	57	56	WSW	3	—	—	9	om	—	3
Scilly ...	30.44	56	54	WNW	4	—	—	6	c	—	—
London ...	30.35	53	49	N	2	—	—	7	o	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm; b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN FALL**: (show or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Wednes-day.

The barometer has fallen somewhat in the extreme north of the British Isles, but risen elsewhere, chiefly in the south-west of England, and the reading at Scilly now exceeds that at Shetland by 0.42 in.

Temperature has risen over France, Ireland and the north of Scotland, but fallen a little in the north of England. Elsewhere the changes have been irregular.

The wind continues light to moderate generally. At our northern stations it has veered to SW, while in the south it continues N  $\frac{W}{4}$ , and NE  $\frac{W}{4}$  in France.

Some rain has fallen in a few places. The amount of cloud is very variable. The sea is smooth except at Biarritz.

2 P.M. The barometer continues to fall in the north of our Islands, and the wind at Kureo has backed to SE and freshened slightly.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

*Reports received too late for insertion in their proper places.*

[illegible]

*Meteorological Office,*

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 26<sup>th</sup>*Clear day*

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.68	46	41	SW	6	6	S	—	ca	—	4
*Skudesnaes ...	30.00	51	50	SSW	2	6	SE	—	o	—	4
*Oxo (Christiansand)	30.10	50	49	SSW	6	6	SW	—	br	—	4
Fanø ...	30.29	43	43	S	4	—	—	—	f	—	—
Shetland (Sumburgh Id.)	29.792	46	45	W	6	8	NNW	7	o	0.37	6
Thurso ...	29.912	46	45	SSE	1	2	WSW	7	pc	0.10	2
Wick ...	29.928	47	46	WSW	2	5	SSW	8	oc	0.03	2
Nairn ...	29.938	49	48	SW	2	4	SSW	7	oc	0.06	2
Aberdeen ...	29.988	51	50	Z	0	4	SSW	8	co	0.08	1
Leith ...	30.048	54	54	WSW	4	4	W	8	o	—	—
Shields ...	30.158	54	53	SW	2	4	S	7	m	—	1
Scarborough ...	30.228	50	49	WSW	2	2	W	8	co	—	2
Yarmouth ...	30.338	43	42	SW	2	3	NNE	4	f	—	3
Ardrossan ...	30.068	56	54	SW	5	6	SSW	8	or	0.01	4
Greencastle ...	30.028	54	53	SW	5	5	SW	9	ro	0.23	—
Holyhead ...	30.248	56	54	WSW	2	5	SSW	5	c	—	—
Liverpool (Bilston Obs.)	30.258	56	54	SW	3	3	SW	8	co	—	1
Valencia ...	30.278	56	54	WSW	3	3	WSW	7	mc	—	3
Roche's Point	30.268	55	54	WSW	3	3	WSW	9	o	—	3
Pembroke ...	30.328	56	55	WSW	2	4	WSW	9	or	—	2
Scilly ...	30.378	56	55	SSW	2	4	NNW	9	em	0.01	4
Plymouth ...	30.378	51	51	NE	1	2	NW	9	bf	—	1
Portsmouth ...	30.358	45	44	NW	1	4	N	8	om	—	1
Dover ...	30.358	45	44	NNW	1	3	NNW	4	oc	—	1
London ...	30.358	40	39	Z	0	3	N	9	ef	—	—
Helder ...	30.35	39	—	SSE	2	—	—	—	—	—	2
Cape Gris Nez	30.342	42	42	NE	1	5	NNE	9	of	—	1
Brest ...	30.438	51	49	E	1	4	NNW	9	bo	—	2
L'Orient ...	30.408	47	45	NE	3	5	NE	1	cb	—	2
Rochefort ...	30.288	48	44	NE	4	4	NE	9	o	—	3
Biarritz ...	30.342	46	42	SE	3	4	E	9	o	—	5
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.38	34	—	N	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.902	48	44	N	1	1	WSW	6	b	—	6
Heart's Content (9 a.m. local time.)	30.622	36	33	WNW	3	6	W	0	b	—	3

## 2 P.M. REPORT.

Skudesnaes ...	29.77	52	51	SW	4	—	—	—	o	—	3
Thurso ...	29.78	49	48	SE	2	—	—	8	or	—	3
Scarborough ...	30.14	57	54	W	2	—	—	9	co	—	2
Greencastle ...	29.94	55	53	SSW	5	—	—	9	o	—	—
Holyhead ...	30.17	56	55	SSW	3	—	—	6	c	—	4
Valencia ..	30.13	58	54	WSW	3	—	—	3	c	—	5
Scilly ...	30.30	58	57	WSW	4	—	—	9	m	—	—
London ...	30.29	53	51	NW	1	—	—	9	o	—	—
Rochefort ...	30.27	55	51	NW	4	—	—	9	o	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER:** corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER:** dry and wet, exposed in shade. **WIND:** EXTREME FORCE with its Direction, during last 24 hours. Z.—calm. **WEATHER:** b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL:** (snow or hail melted), during last 24 hours. **SEA DISTURBANCE:** 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanø stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



# REMARKS.

Thurs. day

The barometer has fallen at all but the south-eastern and French stations, where it has risen slightly; and the reading at Port is 0.64 in. higher than that at Shetland.

Temperature has risen considerably over nearly the whole of the British Isles, but fallen at the southeastern stations and over France. At Androsan the rise since yesterday is 13°.

It blew hard in squalls from WNW at Shetland in the night. Moderate SW<sup>ly</sup> breezes now prevail on our western and northern coasts, light airs in the south of England and light NE winds in France.

Some rain has fallen in the north. Aurora was seen at Thurso last evening. The sky is very cloudy generally. The sea is smooth, except at Lumburgh Head.

2 P.M. The barometer has fallen generally, rather briskly at Valencia; where the wind has freshened and the sea risen slightly.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
Oct 25 <sup>th</sup>	St. Hansund	29.97	49	43	SSW	6	0	4	—	c	—	3
"	Hindensals	30.19	44	43	4	0	4	SSE	—	ob	—	2
"	Oyo	30.25	49	48	SW	4	2	SW	—	c	—	2
"	Fano	30.28	41	41	SW	2	—	—	—	b	—	—
"	Hearts Content	30.397	36	33	W	5	5	NE	0	cb	0.01	4

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 27<sup>th</sup>

Fri-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.46	51	47	WSW	2	—	—	—	c	—	5
* Skudesnaes ...	29.84	51	50	S	8	6	SE	—	oc	—	4
* Oxö (Christiansand)	30.02	51	50	S	6	6	SW	—	o	—	3
Fanö ...	30.18	36	35	S	4	—	—	—	f	—	—
Shetland. (Sumburgh Hd.)											
Thurso. ...	29.418	50	49	SSE	3	4	SSW	8	or	0.36	2
Wick. ...	29.438	53	52	S	4	5	S	9	or	0.20	3
Nairn. ...	29.478	52	48	SW	8	2	SW	4	c	—	2
Aberdeen. ...	29.588	55	51	SSW	8	8	SSW	7	oc	—	4
Leith. ...	29.678	56	51	W	6	6	SW	8	co	—	—
Shields. ...	29.918	54	50	WSW	5	5	WSW	6	c	—	1
Scarborough. ...	29.938	51	50	SW	3	2	W	6	c	—	2
Yarmouth. ...	30.098	51	50	SSW	2	2	SW	6	fc	—	3
Ardrossan. ...	29.708	52	48	WSW	7	10	WSW	7	gc	0.01	6
Greencastle. ...	29.668	49	47	SW	5	6	SSW	9	o	—	—
Holyhead. ...	29.848	55	53	WSW	5	4	SW	23	c	—	—
Liverpool (Bidston Obs.)	29.958	54	50	SSW	2	4	WSW	7	c	—	2
Valencia. ...	29.798	52	50	W	3	8	WSW	6	re	0.25	4
Roche's Point	29.838	53	53	WSW	5	8	SSW	9	or	0.21	5
Pembroke. ...	29.988	55	53	SW	5	7	SW	9	o	0.02	4
Scilly. ...	30.038	55	53	SW	6	6	SW	8	o	0.01	5
Plymouth. ...	30.078	55	53	WNW	2	2	WNW	9	f	0.02	0
Portsmouth. ...	30.088	54	54	SW	1	1	SW	8	fo	—	1
Dover. ...	30.118	51	51	WSW	2	2	SW	8	co	—	1
London. ...	30.098	52	51	SW	2	2	WSW	9	mco	—	—
Helder. ...	30.15	34	—	S	3	—	—	—	—	—	2
Cape Gris Nez	30.138	41	41	S	1	1	S	9	f	—	1
Brest. ...	30.228	56	51	SSW	3	4	SSW	8	o	—	3
L'Orient. ...	30.168	45	45	NE	1	4	NE	4	cm	—	2
Rochefort. ...	30.168	36	34	E	23	4	NE	9	o	—	3
Biarritz. ...	30.118	48	46	SSE	4	4	E	2	cf	—	6
Corunna. ...											
Brussels. ...											
Paris. ...	30.18	34	—	—	2	—	—	—	f	—	—
Strasbourg. ...											
Lyons. ...											
Toulon. ...	29.978	48	44	ENE	1	5	E	9	of	0.24	5
Heart's Content (9 a.m. local time.)											

## 2 P.M. REPORT.

Skudesnaes. ...											
Thurso. ...											
Scarborough. ...											
Greencastle. ...											
Holyhead. ...											
Valencia. ...											
Scilly. ...											
London. ...											
Rochefort. ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Fri-day

Since yesterday the barometer has fallen rapidly in Ireland and Scotland, chiefly during the night, and to a less extent at all the other stations. The reading at Thurso is about 0.75 in. lower than those at L<sup>e</sup> Orient and Janö.

Temperature has risen in the south of England and north of Scotland but fallen elsewhere, and is low over France.

The wind increased to a gale from S in Ireland and Scotland during the night. In Ireland it has again subsided, but still blows hard at Aberdeen and Gairm. On our other coasts light SW<sup>by</sup> winds, and in the west of France light E<sup>by</sup> breezes are prevalent.

Some rain has fallen in the west and north, and still continues in Scotland. The sky is cloudy generally. The sea is rough in the Irish Channel, moderate to calm on our other coasts.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

*Reports received too late for insertion in their proper places.*

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
Oct 7												
26 <sup>TH</sup>	Heart's Content	30.62	36	33	WNW	3	6	W	0	b	-	3

*Meteorological Office,*

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 28<sup>4</sup>*Saturday*

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.62	46	45	SSE	2	4	SW	—	cr	—	5
*Skudesnaes ...	29.74	50	49	SSE	8	6	SSE	—	or	—	7
*Oxö (Christiansand)	29.97	51	50	S	6	6	SSW	—	o	—	3
Fanö ...	29.96	36	36	ESE	4	—	—	—	o	—	—
Shetland (Sumburgh Hd.)											
Thurso ...	29.572	41	37	SSW	2	4	WSW	2	cb	0.01	2
Wick ...	29.632	39	38	S	3	5	SSW	3	oc	0.03	2
Nairn ...	29.632	38	36	W	1	8	SW	0	cb	—	1
Aberdeen ...	29.682	41	39	SW	1	8	SSW	2	c	—	1
Leith ...	29.702	37	36	SW	2	5	WSW	4	cg	0.13	—
Shields ...	29.743	48	47	SW	2	7	WSW	5	com	0.03	1
Scarborough...	29.768	49	48	SSW	2	4	SW	9	co	0.03	1
Yarmouth ...	29.878	51	50	SW	3	3	SSW	6	c	—	3
Ardrossan ...	29.682	47	43	SSE	2	7	WSW	6	c	0.14	3
Greencastle ...	29.638	43	41	SSE	4	5	SW	8	o	0.02	—
Holyhead ...	29.698	56	55	SSE	4	8	S	8	cr	0.30	—
Liverpool (Bidston Obs.)	29.748	47	46	SSE	3	5	SSW	9	o	0.17	2
Valencia ...	29.658	45	44	SW	3	4	WSW	7	f	0.18	2
Roche's Point	29.668	47	46	W	2	5	WSW	9	o	0.25	3
Pembroke ...	29.718	52	51	S	1	7	SSW	9	or	0.24	4
Scilly ...	29.628	53	52	SW	4	6	SW	7	oc	0.22	5
Plymouth ...	29.748	56	54	SSW	5	5	SSW	9	or	0.03	4
Portsmouth ...	29.858	54	52	SW	4	2	WSW	7	oc	0.01	3
Dover ...	29.898	52	51	WSW	3	4	W	4	oc	—	2
London ...	29.858	50	49	S	3	2	SW	9	co	—	—
Helder ...	29.92	34	—	S	2	—	—	—	—	—	2
Cape Gris Nez	29.908	44	42	SSW	4	3	SSW	7	fo	—	2
Brest ...	29.848	57	53	SW	5	7	SW	9	of	—	4
L'Orient ...	29.918	56	52	SSW	5	5	SSW	8	o	—	3
Rochefort ...	29.998	—	—	E	4	4	E	0	b	—	3
Biarritz...	29.978	46	41	SE	4	3	E	0	cb	—	5
Corunna ...											
Brussels ...											
Paris ...	30.00	36	—	WSW	2	—	—	—	f	—	—
Strasbourg ...											
Lyons ...											
Toulon ...	29.948	41	40	WNW	1	1	S	6	oc	0.08	4
Heart's Content (9 a.m. local time.)											

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...											
Scarborough ...											
Greencastle ...											
Holyhead ...											
Valencia ..											
Scilly ...											
London...											
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
\* The Norwegian and Fanö stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Satur-day

The barometer has now risen at our northern stations, but fallen elsewhere, especially in the south. The reading at Rochefort is only 0.42 in. higher than that at Thuro.

Temperature has fallen except in the south of England and north of France. In the east of Scotland the fall amounts to  $14^{\circ}$ .

The wind is moderate generally. At our NW  $\frac{1}{2}$  stations it has backed to SE, but is S  $\frac{1}{2}$  and SW  $\frac{1}{2}$  on all our other coasts, and E  $\frac{1}{2}$  in the Str of France.

Rain has been general. The sky has since cleared at our N<sup>o</sup> stations, but is very cloudy elsewhere, with rain continuing in several places. The sea is moderate to smooth.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

*Reports received too late for insertion in their proper places.*

[illegible]

*Meteorological Office,*

ROBERT H. SCOTT.

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 29<sup>th</sup>

Sun day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.74	45	43	Z	0	0	Z	—	oc	—	3
* Skudesnaes ...	29.82	47	44	SE	6	6	ESE	—	to	—	7
* Oxo (Christiansand)	30.00	43	40	SE	4	4	NE	—	o	—	2
Fanø ...	29.95	37	37	SE	4	—	—	—	c	—	—
Shetland (Sumburgh Id.)	29.67	42	42	N	3	4	SSW	5	c	—	4
Thurso ...	29.62	42	40	Z	0	2	S	7	bc	—	2
Wick ...	29.60	47	46	E	5	3	S	8	ct	0.13	3
Nairn ...	29.53	41	40	ENE	2	1	SW	9	br	0.11	2
Aberdeen ...	29.56	50	49	SSE	4	4	SSE	9	ot	0.35	4
Leith ...	29.46	49	48	S	4	1	SE	8	co	0.18	—
Shields ...	29.55	49	47	SSE	4	4	SE	6	tc	0.41	3
Scarborough ...	29.60	49	46	S	5	4	SSW	9	o	0.08	4
Yarmouth ...	29.69	53	48	SSE	6	6	SW	5	c	—	6
Ardrossan ...	29.40	50	48	ESE	5	2	ENE	9	r	0.53	3
Greencastle ...	29.19	51	50	SE	5	7	ENE	9	r	0.42	—
Holyhead ...	29.30	51	49	SSE	6	7	SSE	8	r	0.73	—
Liverpool (Bidston Obs.)	29.43	48	44	ESE	4	5	ESE	9	o	0.37	2
Valencia ...	28.96	47	45	S	8	9	S	9	hg	0.68	7
Roche's Point	29.10	50	48	SSW	8	9	SSE	9	ot	0.78	6
Pembroke ...	29.26	51	50	S	7	10	SE	9	o	1.14	6
Scilly ...	29.33	51	48	SW	7	9	S	7	lc	0.56	6
Plymouth ...	29.42	53	51	S	5	8	S	9	th	0.77	7
Portsmouth ...	29.56	54	52	WSW	5	5	SW	7	oag	—	4
Dover ...	29.70	48	47	S	4	3	S	4	c	—	3
London ...	29.60	48	47	S	4	4	S	7	bg	—	—
Helder ...											
Cape Gris Nez	29.68	40	36	S	4	4	SSW	4	fc	—	2
Brest ...	29.49	53	53	?	7	9	WSW	9	r	0.24	5
L'Orient ...	29.52	56	54	WSW	5	5	WNW	8	co	—	5
Rochefort ...	29.67	45	41	?	5	4	SE	5	c	—	3
Biarritz ...	29.65	57	47	S	5	4	SE	4	bc	—	5
Corunna ...											
Brussels ...											
Paris ...	29.80	33	—	WSW	2	—	—	—	b	—	—
Strasbourg ...											
Lyons ...											
Toulon ...	29.53	51	47	E	4	1	S	9	cf	—	5
Heart's Content (9 a.m. local time.)	29.68	59	59	S	2	6	SSE	9	ct	0.46	2

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...											
Scarborough ...											
Greencastle ...											
Holyhead ...											
Valencia ..											
Scilly ...											
London ...											
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
\* The Norwegian and Fanø stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



62

Sea  
Distur  
0 to 8

3  
7  
2  
—  
4  
2  
3  
2  
4  
—  
3  
4  
6  
3  
—  
—  
2  
7  
6  
6  
6  
7  
4  
3  
—

2  
5  
5  
3  
5

251111

—

reury  
calm.  
ally;  
ndous

calm.  
ally;  
ndouscalm.  
ally;  
ndous



EIGHT A.M.

## WEATHER REPORT. 1871.

October 30<sup>th</sup>

Mon-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.99	45	43	WSW	2	0	Z	—	oc2	—	2
* Skudesnaes ...	30.18	45	41	SE	14	6	ESE	—	oc	—	5
* Oxo (Christiansand)	30.14	46	45	ESE	4	6	ESE	—	oc	—	3
Fanø ...	30.02	41	41	SE	4	—	—	—	c	—	—
Shetland (Sumburgh Hd.)	29.852	49	49	S	6	6	E	8	zm	0.55	5
Thurso ...	29.762	46	45	Z	0	4	E	8	0	0.44	1
Wick ...	29.792	50	49	SSE	3	5	SSE	8	20	0.65	3
Nairn ...	29.712	46	45	ESE	1	2	E	9	0	0.07	1
Aberdeen ...	29.772	50	48	SE	3	6	SSE	9	20	0.33	4
Leith ...	29.782	49	48	E	4	2	SE	9	02	0.20	—
Shields ...	29.662	51	49	SSE	4	4	SSE	7	c	0.01	4
Scarborough ...	29.692	51	49	S	4	5	S	9	0	—	4
Yarmouth ...	29.703	52	49	SE	4	6	SSE	3	c	—	6
Ardrossan ...	29.612	47	46	ENE	4	2	SW	8	02	0.27	2
Greencastle ...	29.542	49	48	ENE	5	5	ENE	9	02	0.15	—
Holyhead ...	29.432	50	48	ENE	3	6	SSE	5	c	0.39	—
Liverpool (Bidston Obs.)	29.512	50	48	ESE	3	4	SE	9	0	0.39	3
Valencia ...	29.402	48	46	E	7	10	S	8	hop	0.54	6
Roche's Point	29.342	48	47	ENE	4	8	S	8	tlo	0.28	4
Pembroke ...	29.393	52	51	SE	6	7	SSE	7	leg	0.33	4
Scilly ...	29.352	53	50	SE	6	7	S	6	c	0.34	5
Plymouth ...	29.452	52	50	S	3	6	SSE	3	2c	0.92	3
Portsmouth ...	29.572	54	53	S	3	5	S	8	eo	0.13	2
Dover ...	29.642	50	49	SSE	2	5	SSE	5	c	—	2
London ...	29.602	50	49	SE	1	5	SSE	9	eo	—	—
Helder ...	29.82	44	—	ESE	6	—	—	—	—	—	4
Cape Gris Nez	29.628	44	40	SE	4	5	SSE	7	0	—	2
Brest ...	29.458	55	53	SSW	7	8	S	7	0	0.35	5
L'Orient ...	29.492	53	49	SW	5	5	S	8	20	0.71	5
Rochefort ...	29.572	50	46	SE	4	5	SE	9	22	0.20	3
Biarritz ...	29.602	53	51	E	4	5	S	9	02	0.08	7
Corunna ...		—	—	—	—	—	—	—	—	—	—
Brussels ...		—	—	—	—	—	—	—	—	—	—
Paris ...		—	—	—	—	—	—	—	—	—	—
Strasbourg ...		—	—	—	—	—	—	—	—	—	—
Lyons ...		—	—	—	—	—	—	—	—	—	—
Toulon ...	29.842	52	50	ENE	4	4	ENE	6	oc	—	6
Heart's Content (9 a.m. local time.)											

## 2 P.M. REPORT.

Skudesnaes ...											
Thurso ...											
Scarborough ...											
Greencastle ...											
Holyhead ...											
Valencia ..											
Scilly ...											
London ...											
Rochefort ...											

## EXPLANATION OF THE COLUMNS.

**BAROMETER**: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—calm.  
**WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally;  
 r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.  
 \* The Norwegian and Fanø stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

Thon-day

Yesterday morning a very considerable fall in the barometer had taken place at our western stations, the reading at Valentia being below 29 ins. To-day a rise has occurred generally, but the readings at Rock's Point and Scilly are still lower than that at Shidecunals.

Temperature has risen considerably in Scotland, and the Bay of Biscay since Saturday.

It blew a strong gale from south on our southwest coast during Saturday night, which continued in the south of Ireland yesterday, but subsided without extending to our other coasts. The wind now circulates round the low pressure in the southwest, being fresh from NE in Ireland, moderate from E and SE in the northern districts, from S in the Lohamel, and from SW at St. Orient.

Rain has been general, heavy in the west. A thunderstorm occurred on our SW coasts last night. The sky is overcast generally. The sea is rough in the southwest, moderate elsewhere.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

*Reports received too late for insertion in their proper places.*

[illegible]

*Meteorological Office,*

ROBERT H. SCOTT,

DIRECTOR.



EIGHT A.M.

## WEATHER REPORT. 1871.

October 31<sup>st</sup>

Chil. day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	30.21	42	42	NNW	4	4	W	—	2	—	—
*Skudesnaes ...	30.22	40	39	NE	2	4	SSE	—	b	—	3
*Oxo (Christiansand)	30.24	42	41	N	2	4	E	—	bo	—	2
Fanø ...	30.13	42	40	E	4	—	—	—	o	—	—
Shetland (Sumburgh Hd.)	30.142	45	45	ESE	3	5	SE	5	mc	—	4
Thurso ...	30.192	48	45	SSE	1	1	ESE	7	oc	—	1
Wick ...	30.152	51	48	SE	4	3	SSE	8	o	—	3
Nairn ...	30.112	47	46	ESE	1	2	ESE	8	o	0.04	1
Aberdeen ...	30.132	57	47	E	2	3	SW	9	o	—	3
Leith ...	30.062	50	49	E	4	2	E	9	o	0.03	—
Shields ...	30.022	50	47	ESE	5	5	SE	7	c	—	5
Scarborough ...	29.992	49	47	SE	6	4	S	9	o	—	5
Yarmouth ...	29.892	50	47	E	7	7	SE	5	c	—	7
Ardrossan ...	30.012	49	47	ENE	4	4	ENE	7	oc	0.24	2
Greencastle ...	29.932	50	48	ENE	3	5	ENE	7	oc	0.20	—
Holyhead ...	29.812	50	49	ENE	4	5	ENE	5	c	—	—
Liverpool (Bliston Obs.)	29.892	50	48	ENE	3	4	ESE	8	of	0.09	3
Valencia ...	29.772	50	47	ENE	3	4	E	2	up	0.06	2
Roche's Point	29.732	49	47	ENE	3	6	SSE	9	lo	0.05	4
Pembroke ...	29.722	50	49	NE	3	7	SE	9	lon	0.36	2
Scilly ...	29.642	52	50	ENE	5	7	S	7	c	0.03	4
Plymouth ...	29.642	51	50	ESE	2	5	SSE	9	er	0.15	1
Portsmouth ...	29.662	50	48	E	5	3	S	7	oc	0.12	3
Dover ...	29.762	51	48	E	4	2	E	3	eb	—	3
London ...	29.762	50	49	ENE	4	4	E	9	20	0.04	—
Helder ...	30.00	42	—	ESE	6	—	—	—	—	—	4
Cape Gris Nez	29.745	43	39	ESE	5	4	SSW	8	o	—	3
Brest ...	—	—	—	—	—	—	—	—	—	—	—
L'Orient ...	29.582	47	47	ENE	4	5	SSW	9	co	0.12	3
Roche fort ...	29.572	50	46	SE	4	4	SE	4	oc	0.24	3
Biarritz ...	29.552	56	49	S	4	4	E	7	fc	—	6
Coruna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	29.69	51	—	ESE	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.822	54	54	E	5	6	E	9	20	0.39	6
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

## 2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Holyhead ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Scilly ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Roche fort ...	—	—	—	—	—	—	—	—	—	—	—

## EXPLANATION OF THE COLUMNS.

**BAROMETER:** corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER:** dry and wet, exposed in shade. **WIND:** EXTREME FORCE with its Direction, during last 24 hours. Z.—calm. **WEATHER:** b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL:** (snow or hail melted), during last 24 hours. **SEA DISTURBANCE:** 0—dead calm; 9—tremendous sea.

N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Norwegian and Fanø stations do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.



## REMARKS.

4  
Thurs. day

The barometer has continued to rise on all the British and the Norwegian coasts since yesterday, but has commenced falling slightly in the west of France during the night. The reading at L' Orient is 0.64 lower than that at Capo.

Temperature has fallen slightly in Norway, the east of England, and at St. Orient, but is unchanged elsewhere. It is remarkably uniform.

Easterly and northeasterly winds are more prevalent except in the N of Scotland, where they are SE<sup>ly</sup>. In force they are generally moderate, but a strong breeze is reported from Yarmouth.

Vivid lightning was seen at some of the Southwestern stations last night. A little rain has fallen in the south and west, and the sky is overcast generally. The sea is rough on the east coast, smooth elsewhere.

## CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

*Reports received too late for insertion in their proper places.*

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea
Oct <sup>r</sup> 30.	Heart's Content	29.68	46	46	SSE	2	5	SW	0	m f	0.54	2

*Meteorological Office,*

ROBERT H. SCOTT,

DIRECTOR.