

EIGHT A.M.

WEATHER REPORT. 1871. Dec 4th 1st

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	30.08	33	31	WNW	6	8	SW	—	o	—	4
* Skudesnaes ...	30.08	30	27	NNW	4	4	NNE	—	b	—	2
* Oxö (Christiansund)	30.02	29	25	N	4	6	NE	—	b c	—	2
Fanö ...	29.86	22	21	NE	6	—	—	—	b	—	—
Cuxhaven ...	29.722	34	34	NE	6	7	ENE	9	b s	0.60	3
Shetland (Sumburgh Id.)											
Thurso ...	30.372	41	37	NNE	4	4	NNE	7	c	0.05	3
Wick ...	30.352	40	37	NNE	4	4	ENE	8	c o	0.02	3
Nairn ...	30.352	38	36	NE	2	5	E	8	o	0.05	3
Aberdeen ...	30.292	39	36	NNE	7	7	NNE	6	h p c	0.01	7
Leith ...	30.312	38	36	N	2	5	NE	2	o b	0.13	—
Shields ...	30.162	42	39	NE	6	7	NE	8	c p o	0.02	7
Scarborough ...	30.122	40	39	NE	8	9	NE	8	o r	0.15	6
Yarmouth ...	29.942	39	37	NNE	9	10	NE	7	r g c	0.66	8
Ardrossan ...	30.252	37	33	NW	2	3	NE	3	c	—	1
Greencastle ...	30.372	40	37	NNE	4	4	NNE	9	c o	—	—
Holyhead ...	30.232	41	38	N	6	7	NNE	6	c	—	—
Liverpool (Bidston Obs.)	30.212	38	36	NNW	2	4	N	4	c	—	2
Valencia ...	30.412	36	33	NE	4	5	NE	6	b c	—	3
Roche's Point	30.292	37	34	NNE	4	5	NNE	7	b c	—	3
Pembroke ...	30.202	39	36	NNE	3	6	NE	7	c	—	1
Scilly ...	30.172	43	38	NE	6	6	NE	8	c o	—	5
Plymouth ...	30.122	37	34	NE	3	4	NNE	9	b m	—	—
Portsmouth ...	29.982	36	34	NNE	4	4	NNE	5	c	—	3
Dover ...	29.802	37	36	NNE	5	7	NNE	9	g s r	1.80	4
London ...	29.962	37	35	NNE	3	8	NE	9	r g c	0.07	—
Helder ...	29.78	36	—	NE	7	—	—	—	—	—	2
Cape Gris Nez	29.742	38	38	NNE	11	8	NNE	9	r	0.67	7
Brest ...	—	41	37	NE	3	4	NNE	9	o	—	3
L'Orient ...	30.012	38	36	NNE	5	5	NE	4	c	—	3
Rochefort ...	29.942	39	35	N	5	4	NE	9	b o	—	3
Biarritz ...	29.982	36	34	E	1	4	E	3	r f	0.08	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	29.68	34	—	NW	6	—	—	—	o r s	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.608	36	32	W	7	5	NW	9	f o	—	6

2 P.M. REPORT.

Skudesnaes ...											
Thurso ...	30.40	41	36	NNE	3	—	—	8	c o	—	3
Scarborough ...	30.29	40	38	NE	8	—	—	8	h o	—	6
Greencastle ...	30.41	42	38	NNE	3	—	—	1	b	—	—
Holyhead ...	30.31	43	40	N	5	—	—	4	c	—	4
Valencia ...	30.44	43	38	ENE	5	—	—	5	o c	—	5
Scilly ...	30.21	45	40	NE	6	—	—	7	c	—	—
London ...	30.06	43	41	NE	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 stations and Fanö 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 but the Norwegian stations, the change being greatest on our western coasts. The reading at Valentia exceeds that at Dover by 0.61 in., and that at Copenhagen by 0.69 in.

Temperature has risen very slightly everywhere.

The gale on our east coast became strong in the night, and has extended to Cape Gris Nez this morning.

Light to moderate NE breezes continue elsewhere except at Aberdeen, where the wind has freshened considerably.

Hail and hail have fallen in the N and E, and continue in several places. At Dover the amount is very large. The sky is still cloudy. The sea is high on our east coast, and rather rough at Scilly.

2. P^M The barometer has again risen generally, chiefly
in the E. The gale at Scarborough continues,
but the sea has gone down somewhat.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Meteorological Office,

ROBERT H. SCOTT.

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 2ndSat^r - 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	29.58	32	32	WSW	6	4	NE	—	co	—	5
* Skudesnaes ...	29.88	35	34	SSW	4	4	N	—	br	—	2
Oxo (Christiansund)	29.95	29	27	W	2	6	N	—	bc	—	2
Fanö ...	29.99	28	27	SW	2	—	—	—	b	—	—
Cuxhaven ...	30.112	27	23	SW	1	7	NE	1	lb	—	0
Shetland (Sumburgh Hd.)											
Thurso ...	30.078	43	41	NNW	3	3	NNE	7	oc	0.02	4
Wick ...	30.078	38	37	WNW	5	4	NNE	8	o	0.04	3
Nairn ...	30.178	37	35	W	2	2	NE	7	oc	—	2
Aberdeen ...	30.158	37	34	W	3	7	NNE	4	cm	—	2
Leith ...	30.298	34	32	W	2	5	NE	2	cg	—	—
Shields ...	30.318	34	33	W	1	6	NNE	6	fc	0.07	4
Scarborough ...	30.292	35	34	NNW	3	8	NE	5	c	0.12	3
Yarmouth ...	30.282	34	34	NW	2	6	NE	4	gc	—	4
Ardrossan ...	30.338	41	37	NW	3	2	NNW	7	c	—	2
Greencastle ...	30.368	38	36	WNW	4	4	WNW	4	c	—	—
Holyhead ...	30.392	43	38	NNW	1	4	N	4	c	—	—
Liverpool (Bidston Obs.)	30.362	35	34	NNE	1	2	N	9	co	—	1
Valencia ...	30.438	37	34	NE	3	4	ENE	2	cb	—	3
Roche's Point	30.382	37	35	N	2	4	NNE	1	cb	—	2
Pembroke ...	30.402	36	34	ENE	2	5	NNE	5	c	0.04	?
Scilly ...	30.342	41	37	ENE	6	6	ENE	5	oc	—	5
Plymouth ...	30.362	32	31	NE	2	4	NE	0	m	—	1
Portsmouth ...	30.322	33	31	NNE	1	4	NNE	1	cb	—	1
Dover ...	30.302	35	34	WSW	2	7	NNE	4	sc	0.35	2
London ...	30.332	32	31	NNE	1	4	NNE	9	rbo	—	—
Helder ...	30.19	38	—	WSW	2	—	—	—	—	—	2
Cape Gris Nez	30.292	33	31	SW	3	2/2	NE	7	co	0.08	2
Brest ...	—	42	38	ENE	3	4	NNE	6	oc	—	3
L'Orient ...	30.282	37	35	ENE	5	5	NNE	2	cb	—	3
Rochefort ...	30.162	32	28	E	4	5	N	0	cb	—	3
Biarritz ...	30.018	34	32	ESE	5	4	SW	9	co	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.29	27	—	N	6	—	—	—	bg	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.762	33	31	NW	5	9	NW	4	c	—	7

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

Sea
Disturb
(0 to 9.)

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Temperature has fallen in the E and S of Great Britain.
It is still very low on the eastern shores of the North Sea.

The gale on our east coasts has quite subsided, and the wind is now light generally. In the N and E of our Islands it has "backed" to NW and W, but continues N^W in the Channel, and E^W in the west of France.

The sky is cloudy, except on our Sth coasts, and fog prevails in the east of Scotland. The sea is smooth except at Scilly and Christiansund

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[illegible]

DIRECTOR.

mercury
—calm.
qually:
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EIGHT A.M.

WEATHER REPORT. 1871.

December 3rd

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	30.14	23	22	ESE	4	4	SE	—	ob	—	4
*Skudesnaes ...	29.95	25	22	NNW	6	6	NNE	—	b	—	2
*Oxo (Christiansand)	29.79	26	24	NNE	8	4	WNW	—	bc	—	4
Fanö ...	29.69	27	26	NW	6	—	—	—	b	—	—
Cuxhaven ...	29.697	33	32	NNW	6	7	WSW	7	ro	0.20	5
Shetland (Sumburgh Id.)											
Thurso ...	30.23r	37	34	N	4	5	N	5	c	0.08	4
Wick ...	30.19r	35	34	NNW	3	4	WNW	7	oc	0.05	3
Nairn ...	30.23r	34	33	NE	3	2	W	7	c	—	4
Aberdeen ...	30.17r	34	32	N	3	7	NW	2	roc	0.07	6
Leith ...	30.19r	35	32	N	2	2	W	1	cb	—	—
Shields ...	30.11r	34	34	NW	5	4	WNW	5	phm	0.05	4
Scarborough ...	30.08s	36	35	NNW	2	3	NW	5	hc	0.15	3
Yarmouth ...	—	40	37	N	4	4	NE	4	c	—	4
Ardrossan ...	30.22r	32	29	NNE	3	3	NW	3	rc	—	2
Greencastle ...	30.21r	38	36	ESE	3	4	WSW	4	c	—	—
Holyhead ...	30.087	41	38	ENE	1	2	WNW	6	c	—	—
Liverpool (Bidston Obs.)	30.15f	34	33	NE	1	4	W	3	oc	0.10	1
Valencia ...	30.237	36	32	E	2	2	E	6	bc	—	2
Roche's Point.	30.15f	36	33	N	2	2	N	2	b	—	2
Pembroke ...	30.107	43	41	NW	2	3	ESE	8	co	0.03	1
Scilly ...	30.157	44	40	NW	4	6	ENE	8	co	—	2
Plymouth ...	30.137	29	28	Z	0	2	E	1	mf	—	—
Portsmouth ...	30.087	33	32	NNW	1	1	NNE	8	bo	—	1
Dover ...	30.077	35	34	NW	3	2	W	5	bo	—	2
London ...	30.057	34	33	N	2	3	N	9	bo	0.03	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.007	38	36	NW	4	3	SW	9	om	—	3
Brest ...	—	36	31	E	3	4	E	2	b	—	2
L'Orient ...	30.137	31	29	E	4	5	ENE	1	cb	—	3
Rochefort ...	29.997	25	23	E	5	5	E	0	cb	—	3
Biarritz ...	29.897	28	26	E	4	4	E	3	of	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	29.86	25	—	E	2	—	—	—	c	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.82f	42	37	NE	5	4	ESE	7	cf	—	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); 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.

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Sea
Disturb
(0 to 9.)

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[illegible]

the mercury
Z.—calm.
—squally;
emendous

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

December 4th

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	30.18	29	26	SSE	6	4	ESE	—	b o	—	3
* Skudesnaes ...	30.23	22	17	NNE	4	6	N	—	b	—	3
Oxo (Christiansand)	29.80	20	18	NE	6	8	NE	—	b	—	4
Fanø ...	29.80	24	24	NW	10	—	—	—	c	—	—
Cuxhaven ...	29.68 f	29	24	N	9	7	N	7	s o	—	7
Shetland (Sumburgh Hd.)											
Thurso ...	30.33 2	38	34	N	2	5	N	4	c	0.02	2
Wick ...	30.36 2	29	28	NNW	3	3	NNW	7	s c	0.10	3
Nairn ...	30.31 2	29	27	W	1	3	NE	7	b c	—	3
Aberdeen ...	30.30 2	30	30	NNW	3	7	N	1	scm	0.11	4
Leith ...	30.32 2	34	31	N	2	3	N	3	b c	—	—
Shields ...	30.24 2	37	35	NE	6	7	NNE	6	t s c	0.14	6
Scarborough ...	30.19 2	36	32	NE	7	6	NNE	6	h c	0.01	5
Yarmouth ...	30.07 3	35	33	NNE	4	6	N	5	h g c	0.22	6
Ardrossan ...	30.35 2	30	27	NW	1	4	NNW	2	c b	—	1
Greencastle ...	30.34 2	34	32	E	2	3	E	2	c b	—	—
Holyhead ...	30.29 2	38	35	ENE	4	5	ENE	5	c	—	—
Liverpool (Bidston Obs.)	30.27 2	30	27	NNE	1	2	NNE	1	b	—	1
Valencia ...	30.31 2	35	32	ENE	3	3	E	1	p b	0.03	2
Roche's Point	30.27 2	32	30	NE	2	2	NE	1	b	—	1
Pembroke ...	30.24 2	32	30	ENE	3	4	NNE	2	c b	—	1
Scilly ...	30.21 2	39	37	E	6	6	E	5	c	0.02	4
Plymouth ...	30.31 2	31	30	NE	1	1	ENE	0	f	—	—
Portsmouth ...	30.17 2	30	28	NW	1	2	NW	1	f	—	2
Dover ...	30.06 2	31	31	NW	2	3	N	5	b c	0.02	1
London ...	30.14 2	30	29	N	3	4	NNE	6	b c	—	—
Helder ...	29.95 -	35	—	N	7	—	—	—	—	—	4
Cape Gris Nez	30.04 2	34	32	N	7	5	N	8	c o	0.12	5
Brest ...	—	39	37	NE	4	4	NE	9	o	0.39	3
L'Orient ...	30.09 3	37	37	ENE	4	4	ENE	8	o	—	3
Rochefort ...	30.06 8	31	29	NE	3	5	E	6	b c	—	3
Biarritz ...	30.00 2	32	30	E	3	4	E	3	c	—	3
Corunna ...											
Brussels ...											
Paris ...	30.06	30	—	NW	2	—	—	—	o	—	—
Strasbourg ...											
Lyons ...											
Toulon ...	29.72 f	39	34	NE	1	5	NE	2	b	—	5

2 P.M. REPORT.

Skudesnaes ...											
Thurso ...	30.36	35	34	WSW	2	—	—	6	c	—	2
Scarborough ...	30.25	36	36	NE	7	—	—	8	h s	—	6
Greencastle ...	30.40	35	34	SSW	1	—	—	1	b	—	—
Holyhead ...	30.34	40	36	NE	2	—	—	5	c	—	—
Valencia ..	30.35	39	35	E	4	—	—	0	b	—	2
Scilly ...	30.23	42	37	E	5	—	—	5	c	—	4
London ...	30.16	35	34	NNW	2	—	—	4	c	—	—
Rochefort ...	30.08	40	38	NE	4	—	—	6	c	—	—

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.

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Mon-day

The barometre had fallen briskly at all but our extreme northern station yesterday, where a rise had taken place. To-day this rise has become general over the British Isles, but at Cuxhaven the barometre has been falling again during the night. The highest reading is at Wick being 0.68 in. higher than that at Cuxhaven.

Temperature after rising somewhat in the S yesterday, has again fallen except on our NE coasts. It is still very low on the E^r shores of the North Sea.

The wind has become generally NE^{ly} again on our coasts, and has freshened considerably in the NE of England; while on the coast of Denmark it blows a strong gale from the N^W. Elsewhere it is light to moderate.

Thunder and lightning occurred at Shields yesterday. The sky is cloudy, with hail and snow on our E coast. The North Sea is very rough, but elsewhere the sea is smooth.

Hannings issued to the E coast.

2. P.M. The barometer continues to rise slowly on all our coasts. Winds are unchanged, but the sea is getting rougher at Scarborough.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Meteorological Office.

ROBERT H. SCOTT,

DIRECTOR.

a mercury
 24.—calm
 —squally
 —menadow

EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 5^d

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	30.00	26	24	NNE	8	8	WNW	—	o f	—	5
*Skudesnaes ...	—	26	26	ENE	2	4	NNW	—	o	—	2
*Oxo (Christiansand)	29.80	33	30	NNW	4	2	N	—	b	—	3
Fanø ...	29.94	35	34	W	4	—	—	—	o	—	—
Cuxhaven ...	30.052	21	11	WSW	2	8	N	1	o b	—	0
Shetland (Sunburgh Id.)	30.008	36	36	NNW	4	6	W	5	sc	0.25	4
Thurso ...	30.118	42	40	NNW	4	4	W	7	per	0.10	3
Wick ...	30.128	36	35	NW	3	3	NNW	8	o	0.25	3
Nairn ...	30.188	33	31	WSW	2	1	W	2	b	—	1
Aberdeen ...	30.168	34	32	NW	4	4	NW	1	sbm	0.02	2
Leith ...	30.258	31	30	W	2	3	N	2	b f	—	—
Shields ...	30.228	27	27	NNW	3	6	NE	3	spc	0.04	4
Scarborough ...	30.238	30	30	NNW	2	7	NE	2	cb	—	3
Yarmouth ...	30.232	31	31	W	3	5	NNE	4	ghc	0.21	4
Ardrossan ...	30.298	31	31	NE	1	1	NW	4	bc	—	1
Greencastle ...	30.348	34	32	SSW	2	2	SSW	8	bo	—	—
Holyhead ...	30.268	39	35	NNW	2	2	ENE	4	c	—	—
Liverpool (Bilston Obs.)	30.318	34	32	NNW	1	2	N	7	bc	—	1
Valencia ...	30.382	34	32	ENE	3	4	ENE	3	bc	—	2
Roche's Point	30.368	34	32	NE	2	3	NE	7	bc	—	2
Pembroke ...	30.382	33	31	ENE	1	3	NE	5	bc	—	0
Scilly ...	30.362	36	32	E	5	5	E	3	c	—	4
Plymouth ...	30.382	29	29	NE	1	2	E	1	m	—	1
Portsmouth ...	30.322	28	28	N	1	3	N	2	b	—	2
Dover ...	30.232	31	31	N	2	6	NNE	8	gso	0.70	2
London ...	30.292	26	26	N	1	5	N	9	hem	—	—
Helder ...	30.17	25	—	SSE	2	—	—	—	—	—	2
Cape Gris Nez	30.222	28	28	Z	0	8	E	9	s	0.95	1
Brest ...	—	36	34	NE	4	4	NE	9	o	—	3
L'Orient ...	30.302	32	30	NNE	4	5	ENE	3	bc	—	3
Roche fort ...	30.222	28	26	NE	4	4	—	0	cb	—	3
Biarritz ...	30.222	28	26	E	4	4	E	3	c	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.24	26	—	NNW	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.658	33	30	SW	1	3	W	9	co	0.12	6

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	30.10	41	39	NNW	4	—	—	—	—	—	3
Scarborough ...	30.14	35	33	NW	2	—	—	5	c	—	3
Greencastle ...	30.27	38	27	NNW	2	—	—	2	cb	—	—
Holyhead ...	30.32	40	36	NW	2	—	—	5	rc	—	—
Valencia ...	30.40	41	38	ESE	3	—	—	5	s	—	2
Scilly ...	30.39	39	35	E	3	—	—	1	cb	—	2
London ...	30.36	34	34	NNW	1	—	—	2	b	—	—
Roche fort ...	30.28	35	31	NE	4	—	—	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.

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

REMARKS.

Tues. day

The barometer has now risen at the south and southeastern stations, but has begun falling briskly in Scotland and Norway during the night. The lowest reading reported is at Gvö, being 0.58 in. lower than those at Valencia, Pembroke and Plymouth.

Temperature has fallen again in the east and south of Great Britain, but risen in Scotland, and the south of Norway. It continues very low generally, especially in the extreme east.

The wind has fallen light except at Christiansund, and has backed to NW on our N and E coasts. Elsewhere it is chiefly NE^{ly}, but variable.

Snow and hail have fallen in the east of Great Britain. The sky is now clearer than of late. The sea is smooth except at Christiansund.

Drums lowered this morning

2 p m

The barometer continues to fall except in the South West, but the winds are light, and the weather is fine generally.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec 26th

Wednes-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	30.25	14	13	E	6	6	E	—	ob	—	5
*Skudesnaes ...	30.12	22	20	ENE	4	4	ENE	—	b	—	2
*Oxo (Christiansand)	30.16	15	13	N	6	6	NE	—	b	—	4
Fanö ...	30.00	13	13	NW	2	—	—	—	b	—	—
Cuxhaven ...	29.992	22	12	NE	5	6	SW	2	oc	—	2
Shetland (Sumburgh Hd.)	30.172	37	34	NNE	3	4	N	8	c	—	4
Thurso ...	30.242	28	27	SSE	1	4	NNW	4	c	0.02	2
Wick ...	30.252	28	27	NW	2	3	NW	3	oc	0.09	3
Nairn ...	30.252	31	31	WSW	1	2	WSW	1	cb	0.09	2
Aberdeen ...	30.242	29	27	N	1	4	NW	0	cm	0.06	2
Leith ...	30.252	34	32	N	1	3	W	2	bg	—	—
Shields ...	30.212	36	35	ESE	1	4	NW	4	fc	0.09	3
Scarborough ...	30.182	37	35	E	3	2	NW	5	c	0.26	3
Yarmouth ...	30.128	35	33	E	3	3	W	4	a	—	4
Ardrossan ...	30.282	32	29	NNE	2	4	NW	2	cg	—	1
Greencastle ...	30.272	38	37	N	1	2	WNW	9	ro	0.15	—
Holyhead ...	30.258	38	36	NNW	3	5	NNW	5	c	—	—
Liverpool (Bidston Obs.)	30.232	35	33	N	1	4	WNW	1	ob	0.08	1
Valencia ...	30.378	31	30	ESE	3	3	ESE	3	bc	—	2
Roche's Point	30.338	37	35	N	3	3	N	4	bc	—	2
Pembroke ...	30.258	42	40	NW	2	4	NW	9	co	0.01	1
Scilly ...	30.258	43	37	NNW	5	6	NNW	6	c	0.04	5
Plymouth ...	30.238	34	33	NNE	2	2	NE	9	msf	—	1
Portsmouth ...	30.168	34	33	NNW	3	1	N	5	bc	—	2
Dover ...	30.088	34	33	NNW	2	3	W	8	bs	0.02	1
London ...	30.128	35	33	NNW	2	3	NW	9	cps	—	—
Helder ...	30.05	34	—	?NE	6	—	—	—	—	—	2
Cape Gris Nez	30.038	37	35	NNW	7	4	N	9	bm	0.12	5
Brest ...	—	43	36	NW	3	3	N	9	o	—	2
L'Orient ...	30.328	38	34	NW	4	4	NW	8	o	—	3
Rochefort ...	30.318	28	26	E	3	4	NW	0	b	—	3
Biarritz ...	30.342	23	21	E	4	4	E	0	cg	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.11	32	—	W	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.792	—	—	NNW	3	4	NNW	4	b	—	6

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	30.23	37	33	SSW	1	—	—	—	—	—	2
Scarborough ...	30.13	38	36	N	4	—	—	7	c	—	3
Greencastle ...	30.26	38	38	NW	1	—	—	9	cr	—	—
Holyhead ...	30.25	42	39	NNW	1	—	—	3	rc	—	—
Valencia ...	30.36	41	39	ESE	2	—	—	3	c	—	1
Scilly ...	30.27	45	41	NNW	5	—	—	7	c	—	4
London ...	30.14	37	36	N	1	—	—	9	om	—	—
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 stations and Fanö do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.

Sea
Disturb
(0 to 9.)

5	2	4	—	2	4	2	3	2	2	—	3	3	4	1	—	—	1	2	2	1	5	1	2	1	—	2	5	2	3	3	3	—	—	—	6	2	3	—	—	1	4
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

mercury
—calm.
squally;
mendous

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—calm.
squally;
mendous

EIGHT A.M.

WEATHER REPORT. 1871.

Dec 4th

Thurs. day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb.
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.15	28	23	SE	6	6	ESE	—	b	—	3
* Skudesnaes ...	30.22	20	18	ENE	4	2	NNE	—	b	—	2
* Oxo (Christiansund)	30.26	21	18	NW	6	4	N	—	b	—	4
Fanö ...	30.05	15	15	W	6	—	—	—	f	—	—
Cuxhaven ...	30.07	11	—	SW	1	5	NE	C	bc	—	0
Shetland (Sumburgh Hd.)	30.14	38	38	NNW	3	3	NNE	0	c f	0.20	3
Thurso ...	30.22	41	38	NNE	3	4	NNW	6	e	0.08	3
Wick ...	30.23	26	35	NW	2	3	NW	4	e	—	3
Nairn ...	30.21	35	34	WSW	1	1	WSW	9	co	0.02	1
Aberdeen ...	30.21	36	35	NNW	2	2	NNW	8	com	0.03	2
Leith ...	30.23	37	35	N	2	2	W	4	bc f	—	—
Shields ...	30.15	37	37	NE	5	4	NNE	6	pc	0.10	3
Scarborough ...	30.11	36	35	ENE	4	4	NE	5	sc	0.16	4
Yarmouth ...	30.06	30	30	NW	3	4	ENE	8	sf	0.38	3
Ardrossan ...	30.27	36	33	NW	2	2	NNW	3	e	—	1
Greencastle ...	30.29	40	38	NNW	2	2	NNW	9	er	0.11	—
Holyhead ...	30.23	40	38	NNW	2	2	NNW	5	e	—	—
Liverpool (Biston Obs.)	30.21	37	35	NW	2	4	NNW	1	eb	—	2
Valencia ...	30.39	37	36	N	3	3	ESE	7	re	0.02	2
Roche's Point	30.32	37	35	NNW	2	3	NNW	2	bc	—	2
Pembroke ...	30.24	43	40	NW	2	3	N	9	o	0.06	2
Scilly ...	30.27	45	42	N	5	5	N	7	c	0.02	4
Plymouth ...	30.23	32	32	NW	1	1	—	9	mf	—	—
Portsmouth ...	30.17	29	27	NNW	1	3	NNW	3	c	—	2
Dover ...	30.11	31	31	WNW	1	6	NNW	9	gb. s	0.08	1
London ...	30.12	31	30	NNW	1	2	NW	9	om	—	—
Heider ...	30.00	22	—	SSE	4	—	—	—	—	—	2
Cape Gris Nez	30.10	26	26	SW	3	7	ENE	9	so	0.04	2
Brest ...	—	40	38	N	3	5	NNW	8	o	0.12	3
L'Orient ...	30.21	40	38	SE	4	4	NW	4	oc	—	3
Rochefort ...	30.24	34	32	NE	3	3	E	0	eb	—	3
Biarritz ...	30.21	36	32	S	3	4	E	9	cr	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.17	24	—	N	2	—	—	—	c	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.96	30	30	WNW	7	5	NW	3	b	—	7

2 P.M. REPORT.

Skudesnaes ...	30.34	21	19	ESE	2	—	—	—	b	—	3
Thurso ...	30.26	39	37	S	1	—	—	7	c	—	2
Scarborough ...	30.20	34	30	ENE	5	—	—	9	o	—	5
Greencastle ...	30.33	42	40	N	2	—	—	5	c	—	—
Holyhead ...	30.27	42	38	NNW	1	—	—	1	b	—	3
Valencia ..	30.42	45	43	NNE	4	—	—	6	c	—	4
Scilly ...	30.27	45	41	N	5	—	—	7	c	—	—
London ...	30.07	36	34	NW	4	—	—	6	mf	—	3
Rochefort ...	30.22	43	40	NE	3	—	—	0	b	—	—

EXPLANATION OF THE COLUMNS.

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

REMARKS.

Thurs. day

Since yesterday there has been scarcely any change in barometrical pressure over our Islands, but the tendency is now to increase at the western and northern stations. The highest reading is still at Valparaiso, but is only 0.39 inch higher than that at Helder.

Temperature has increased generally, except at the SE station. At Helder it has fallen 12°. The weather is still very cold on the E. shores of the North Sea.

The wind continues light to moderate on all our coasts, and circulates round the lowest pressure in the SE. At Kelder it has become very light and shifted to S.

Some snow has again fallen in the E. of England. The sky is cloudy in most places, with fog or mist in the NE. The sea is moderate to smooth.

2 Pm

The barometer continues to fall in London but has risen elsewhere. The wind is unchanged but the sea is at Scarborough, and snow showers are prevalent in London.

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
DEC ^R 6 TH	Lano	30.00	13 13	NVY 2	— —	—	b .	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec. 4. 8th

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	30.05	35	34	SW	8	8	SSW	—	o r	—	3
*Skudesnaes ...	30.26	27	26	ESE	4	0	Z	—	b c	—	4
*Oxo (Christiansand)	30.16	27	23	N	4	2	N	—	b	—	2
Fanø ...	30.20	33	33	NW	6	—	—	—	c	—	—
Cuxhaven ...	30.242	33	32	WNW	6	2	SW	6	g m	—	3
Shetland (Sumburgh Hd.)	30.232	37	36	NW	2	2	N	6	c	0.04	2
Thurso ...	30.292	36	35	S	1	1	S	6	b c	—	1
Wick ...	30.298	32	31	NW	2	2	NW	8	c o	—	2
Nairn ...	30.332	36	34	W	1	1	WSW	9	c o	—	1
Aberdeen ...	30.362	32	31	SW	1	3	SW	8	o	0.14	1
Leith ...	30.442	34	32	W	2	3	N	6	c g	—	—
Shields ...	30.462	31	31	SW	1	5	ENE	0	c m	0.02	2
Scarborough ...	30.472	29	29	WNW	2	5	ENE	5	o c	—	2
Yarmouth ...	—	—	—	NW	2	10	ENE	—	g	—	2
Ardrossan ...	30.422	40	39	SSW	4	4	SSW	7	c r	—	4
Greencastle ...	30.432	38	37	WNW	1	3	N	9	c o	0.02	—
Holyhead ...	30.492	35	32	S	4	5	S	6	c	—	—
Liverpool (Bidston Obs.)	30.512	24	23	SSE	1	3	ENE	2	c	—	1
Valencia ...	30.462	34	33	E	3	3	NNE	4	c c	0.01	2
Roche's Point	30.442	36	35	NNE	1	4	NNE	8	c o	—	2
Pembroke ...	30.482	28	27	ENE	3	4	N	3	c m	0.08	1
Scilly ...	30.392	36	33	E	4	6	N	4	c	0.02	3
Plymouth ...	30.432	29	28	S	1	2	NNW	4	g m	—	—
Portsmouth ...	30.472	26	26	NE	3	4	NNW	1	o g b	0.02	3
Dover ...	30.482	22	21	NNW	1	5	NE	4	sc	0.15	1
London ...	30.492	26	26	Z	0	6	NE	9	sg f	0.02	—
Helder ...	30.42	27	—	W	2	—	—	—	—	—	2
Cape Gris Nez	30.472	18	18	E	1	8	N	1	sb	0.32	1
Brest ...	—	32	28	N	1	4	NNW	0	o b	—	2
L'Orient ...	30.292	30	26	ENE	7	7	ENE	4	c	—	4
Rochefort ...	30.212	29	27	NE	4	3	NE	4	b c	—	3
Biarritz ...	30.128	36	34	NE	5	5	SW	8	r	0.51	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.43	11	—	NE	2	—	—	—	c s	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.032	29	29	NNW	4	8	NW	3	b	—	6

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	2
Thurso ...	30.26	38	37	WSW	1	—	—	4	c	—	2
Scarborough ...	30.41	30	30	W	2	—	—	7	c	—	—
Greencastle ...	30.39	39	38	SW	3	—	—	10	o	—	—
Holyhead ...	30.49	37	34	S	3	—	—	4	c	—	—
Valencia ...	—	—	—	—	—	—	—	—	—	—	3
Scilly ...	30.34	41	39	E	4	—	—	8	c o	—	—
London ...	30.50	29	29	N	1	—	—	9	mo	—	—
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 swell.

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

Sea
Distur
(0 to 9)

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EIGHT A.M.

WEATHER REPORT. 1871.

Dec 29th

Satur-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	29.98	30	30	E	4	4	NE	—	os	—	4
*Skudesnaes ...	30.02	—	—	NNW	4	0	4	—	ob	—	2
*Oxo (Christiansund)	29.97	30	28	N	2	2	N	—	b	—	2
Fanö ...	30.00	36	36	WNW	6	—	—	—	c	—	—
Cuxhaven ...	30.118	34	34	W	6	3	WSW	8	sm	—	2
Shetland (Sumburgh Hd.)	30.128	39	37	NNW	3	2	NNE	6	cp	0.06	2
Thurso ...	30.198	39	38	W	1	2	WSW	5	c	0.16	1
Wick ...	30.208	35	34	NW	2	2	NW	7	oc	—	2
Nairn ...	30.248	35	33	W	1	1	W	4	bc	—	1
Aberdeen ...	30.248	33	32	NW	1	3	SW	4	c	—	1
Leith ...	30.288	35	35	W	2	3	W	2	of	—	—
Shields ...	30.288	36	36	WNW	3	5	W	5	cm	—	2
Scarborough ...	30.288	36	35	WNW	2	2	W	8	co	—	2
Yarmouth ...	—	—	—	WNW	2	—	—	—	on	—	2
Ardrossan ...	30.308	45	41	W	2	4	SSW	7	c	0.08	1
Greencastle ...	30.338	35	34	SE	1	4	SW	7	oc	—	—
Holyhead ...	30.398	39	36	WSW	2	3	S	6	c	—	—
Liverpool (Bidston Obs.)	30.388	37	34	WSW	2	3	WSW	9	co	—	2
Valencia ...	30.388	41	39	S	4	3	S	8	ro	0.03	3
Roche's Point	30.378	37	36	N	1	4	SE	9	co	—	1
Pembroke ...	30.418	38	37	SE	1	4	ENE	9	er	—	1
Scilly ...	30.428	38	35	SE	3	4	E	4	c	—	3
Plymouth ...	30.438	32	31	ESE	1	2	SE	9	co	—	0
Portsmouth ...	30.428	31	29	N	1	3	NE	7	bc	—	1
Dover ...	30.408	30	28	NNW	1	1	NNW	4	fc	—	1
London ...	30.418	27	27	NW	1	3	N	9	gem	—	—
Helder ...	30.25	36	—	SW	6	—	—	—	—	—	2
Cape Gris Nez	30.398	34	34	WNW	4	3	SW	9	o	—	3
Brest ...	—	28	—	ESE	4	5	ENE	0	b	—	—
L'Orient ...	30.458	23	23	E	5	7	ENE	1	b	—	4
Rochefort ...	30.392	23	21	E	4	3	NE	0	b	—	3
Biarritz ...	30.298	—	—	E	5	4	N	8	mg	—	3
Coruna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.50	?	—	NE	2	—	—	—	of	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.158	35	28	NE	4	7	ENE	3	cb	—	6

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	2
Thurso ...	30.18	42	40	NW	2	—	—	6	c	—	2
Scarborough ...	30.27	38	36	WNW	2	—	—	6	c	—	—
Greencastle ...	30.31	38	36	WSW	1	—	—	9	o	—	—
Holyhead ...	30.36	41	39	SSW	2	—	—	6	c	—	2
Valencia ...	30.36	45	42	SW	4	—	—	8	o	—	3
Scilly ...	30.35	41	37	S	3	—	—	5	c	—	—
London ...	30.36	34	34	S	2	—	—	9	om	—	3
Rochefort ...	30.38	30	28	E	5	—	—	0	b	—	—

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

Sea
disturb
(0 to 9.)

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Temperature has increased throughout the British Isles, but in France it has again fallen and is very low.

A bright aurora was seen in the north of Scotland last night. The sky is very cloudy in the west and south of the United Kingdom, but clearer in the NE. and at the French stations, with fog in some places. The sea is smooth.

A slight fall in the barometer has taken place generally and the wind has become S W. On all but the NE coasts. with very cloudy weather.

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DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

December 10th

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	30.08	29	28	WSW	4	2	SE	—	bo	—	3
* Skudesnaes ...	30.16	30	28	ESE	4	2	NN	—	bc	—	3
Oxo (Christiansand)	30.24	23	22	N	4	6	N	—	sc	—	3
Fanö ...	30.14	23	23	NE	2	—	—	—	b	—	—
Cuxhaven ...	30.08+	31	—	E	2	5	W	2	sc	0.07	0
Shetland (Sumburgh Hd.)	30.117	37	35	S	3	3	N	3	c	0.08	2
Thurso ...	30.157	36	35	Z	0	2	NW	8	co	0.08	1
Wick ...	30.147	38	37	WSW	4	3	NW	8	c	0.12	3
Nairn ...	30.197	35	34	WSW	1	1	W	8	bo	—	1
Aberdeen Ga. ...	30.21+	33	31	WNW	1	2	NW	2	bc	—	—
Leith ... Ga. ...	30.277	35	35	WNW	1	1	WSW	4	cf	—	—
Shields ...	30.29+	36	35	WNW	2	4	WNW	4	cm	0.01	2
Scarborough ...	30.28+	36	35	NW	2	2	WNW	3	c	—	2
Yarmouth ...	—	—	—	—	—	—	—	—	—	—	—
Ardrossan ...	30.277	36	35	ESE	1	2	W	4	cf	0.02	1
Greencastle ...	30.267	38	37	SW	3	3	SW	9	c	—	—
Holyhead ...	30.347	40	38	SW	2	3	SW	4	c	—	—
Liverpool (Bilston Obs.)	30.327	37	35	W	2	2	W	3	oc	—	1
Valencia ...	30.39+	41	39	SSW	3	3	SW	4	oc	—	2
Roche's Point	30.37+	40	38	N	1	1	N	9	fmo	—	1
Pembroke ...	30.367	36	35	NNE	1	2	ENE	4	oc	—	1
Scilly ...	30.387	41	38	WSW	2	3	S	8	co	—	2
Plymouth ...	30.377	36	36	Z	0	1	ESE	9	of	0.02	—
Portsmouth ...	30.357	32	30	NNW	1	3	NNW	5	c	—	1
Dover ...	30.307	37	35	NW	2	2	NW	4	fc	—	1
London ...	30.335	33	32	W	1	1	NW	8	osm	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.297	39	35	NW	4	3	NW	9	ot	—	—
Brest ...	—	35	31	NE	3	4	ESE	99	bo	—	2
L'Orient ...	30.397	31	31	NNE	3	5	E	96	bo	—	3
Rochefort ...	30.35+	17	15	E	4	5	E	0	b	—	3
Biarritz ...	30.28+	23	21	E	3	5	E	9	cs	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.11	20	—	NE	2	—	—	—	os	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.067	33	29	—	—	—	—	1	b	9	6

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	30.13	44	43	SW	2	—	—	7	c	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Holyhead ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ...	—	—	—	—	—	—	—	—	—	—	—
Scilly ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

EXPLANATION OF THE COLUMNS.

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10th

Sea
Disturb
(0 to 9.)

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ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec 4 11

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	29.85	36	35	SE	2	4	S	—	b o	—	3
*Skudesnaes ...	30.02	40	40	W	4	4	SSE	—	o	—	3
*Oxo (Christiansand)	30.12	39	38	SW	6	—	NNW	—	s r	—	5
Fanø ...	30.312	32	31	SW	4	—	—	—	e	—	—
Cuxhaven ...	30.422	19	—	SW	2	3	ENE	3	g h	—	0
Shetland (Sumburgh Hd.)	30.062	40	42	NW	4	5	WSW	7	r	0.20	3
Thurso ...	30.192	38	36	WSW	1	2	WSW	5	e	0.09	1
Wick ...	30.192	37	36	WSW	3	4	WSW	5	o e	0.06	3
Nairn ...	30.202	36	34	WSW	2	1	WSW	5	e e	0.03	1
Aberdeen ...	30.272	35	34	W	1	1	WNW	0	e b	0.01	1
Leith ...	30.322	40	38	W	2	1	W	2	ab g	—	—
Shields ...	30.312	38	38	WNW	3	4	WNW	6	com	—	2
Scarborough ...	30.352	39	38	NW	2	2	NW	8	co	—	2
Yarmouth ...	30.382	30	—	WNW	3	4	WSW	—	g	—	3
Ardrossan ...	30.342	47	45	SW	2	6	SW	8	o	0.02	2
Greencastle ...	30.342	44	44	WSW	4	4	WSW	4	o e	0.04	—
Holyhead ...	30.422	46	45	SW	2	2	SW	6	e	0.25	—
Liverpool (Bilston Obs.)	30.402	44	43	W	2	3	W	9	o f	0.02	2
Valencia ...	30.512	39	37	SW	3	3	SSW	6	e	—	2
Roche's Point	30.502	39	37	N	1	1	N	2	o b	—	1
Pembroke ...	30.502	46	45	WNW	1	1	NW	9	o e	0.03	1
Scilly ...	30.522	44	42	W	0	4	NW	7	o e	—	0
Plymouth ...	30.512	35	34	SE	1	1	NNW	9	g	—	—
Portsmouth ...	30.482	31	29	NNW	1	2	NNW	5	o e	—	1
Dover ...	30.442	34	33	NW	1	2	NW	4	e	—	1
London ...	30.462	27	27	W	1	1	W	9	m o	—	—
Helder ...	30.40	28	—	S	3	—	—	—	—	—	2
Cape Gris Nez	30.452	37	35	E	1	4	NNW	7	g	—	1
Brest ...	—	37	33	E	4	5	E	2	b	0.04	2
L'Orient ...	30.492	35	35	ENE	4	4	ENE	4	e	—	3
Rocheftort ...	30.472	28	24	NE	3	4	NE	0	e b	—	3
Biarritz ...	30.472	19	19	E	3	4	E	5	g	—	2
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.46	28	—	NW	2	—	—	—	o f	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.082	—	—	NE	1	1	S	7	b e	—	5

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	30.12	44	43	SW	2	—	—	7	c	—	2
Scarborough ...	30.37	41	40	NW	2	—	—	2	ob	—	—
Greencastle ...	30.45	—	—	—	—	—	—	—	—	—	—
Holyhead ...	30.45	48	47	W	1	—	—	6	c	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	0
Scilly ...	30.33	49	46	NNW	2	—	—	6	c	—	—
London ...	30.43	39	38	W	1	—	—	9	o	—	—
Rocheftort ...	—	—	—	—	—	—	—	—	—	—	—

EXPLANATION OF THE COLUMNS.

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REMARKS.

Move - day

Pressure has changed very little yesterday morning, but since then it has increased generally, except in Norway, where a fall has taken place - amounting to nearly a quarter of an inch at Christiansund. Pressure is high in the S.W. of our Islands. The reading at Pirely is 0.46 in: higher than that at Edinburgh, N.W., which is again 0.21 in: higher than that at Christiansund.

Temperature has risen in all parts of the British Isles except the north of Ireland, and southeast of England. It is very low at Loughswan and vicinity.

The wind has become $W\frac{1}{2}$ in our N^2 and NNW^2 districts, NNW^4 on our east coast, and SW^2 on the E^2 shore of the North Sea, but remains E^4 in the west of France. In force it is very light except at Opo.

Some rain has fallen in the main NW. The sky is generally cloudy, with
fog in several places. The sea is rough at Oso, smooth elsewhere.

2 Pm.

The barometer has fallen slightly at Thurso, where the wind has "backed" a little. Elsewhere there is no important change. The Irish reports are not 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.

Dec 12

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	29.43	44	41	SSW	8	4	SSE	—	o	—	3
* Skudesnaes ...	29.90	42	42	SW	6	0	Z	—	o r	—	4
* Oxo (Christiansund)	30.02	41	41	SW	6	—	—	—	o	—	4
Fanö ...	30.25	38	38	SSW	4	—	—	—	e	—	—
Cuxhaven ...	30.38	32	31	SW	2	4	SSW	9	s f	—	0
Shetland (Sumburgh Id.)	29.80	46	45	WNW	6	6	W	9	r o	0.10	4
Thurso ...	29.92	46	45	SSW	2	2	SW	6	o o	0.03	2
Wick ...	29.95	43	42	W	3	5	WSW	7	o o	0.05	3
Nairn ...	29.99	47	46	SW	2	3	N	8	e o	0.03	1
Aberdeen ...	30.04	45	43	WSW	3	4	WSW	5	e	—	1
Leith ...	30.12	46	44	SW	5	4	W	9	b o	—	—
Shields ...	30.26	43	42	SW	2	3	NW	7	m	—	1
Scarborough ...	30.31	37	36	W	2	2	NW	8	e o	0.21	2
Yarmouth ...	—	36	36	WSW	3	4	WSW	5	m	—	3
Ardrossan ...	30.20	48	46	SSW	3	6	SSW	8	e h	0.09	4
Greencastle ...	30.20	46	45	WSW	1	4	WSW	9	e r	0.07	—
Holyhead ...	30.41	46	44	SW	2	2	SW	6	e	—	—
Liverpool (Bidston Obs.)	30.38	43	41	NNW	3	4	W	9	o	0.01	2
Valencia ...	30.42	50	49	SW	4	4	WSW	4	e	—	3
Roche's Point	30.48	47	45	WSW	2	2	W	5	b e	—	2
Pembroke ...	30.49	50	46	W	2	2	NW	6	b e	—	3
Scilly ...	30.56	47	44	W	4	4	W	5	e	—	2
Plymouth ...	30.55	33	31	Z	0	1	NNW	9	f	—	0
Portsmouth ...	30.53	34	33	NNW	1	1	NNW	8	e f	0.02	1
Dover ...	30.53	40	39	SSW	1	2	NW	6	f e	—	—
London ...	30.50	35	35	SW	1	2	W	7	o f e	0.01	—
Helder ...	30.40	39	—	SW	4	—	—	—	—	—	2
Cape Gris Nez	30.49	37	37	SSW	1	1	SW	9	f	—	1
Brest ...	—	42	40	NNW	1	4	E	9	e o	—	2
L'Orient ...	30.56	41	41	E	1	3	ENE	7	e o	—	2
Rochefort ...	30.53	28	26	E	3	4	NE	9	b f	—	3
Biarritz ...	30.50	27	25	E	1	4	E	9	f o	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.57	28	—	S	2	—	—	—	o f	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.25	39	32	N	5	3	N	8	b f	—	5

2 P.M. REPORT.

Skudesnaes ...	29.93	43	43	W	4	—	—	—	o	—	6
Thurso ...	29.95	46	43	W	4	—	—	5	c	—	4
Scarborough ...	30.27	43	42	WSW	2	—	—	9	o	—	2
Greencastle ...	30.32	46	46	SW	2	—	—	9	r	—	—
Holyhead ...	30.36	49	47	SSW	2	—	—	6	c	—	4
Valencia ...	30.43	52	49	WSW	5	—	—	7	c	—	4
Scilly ...	30.55	49	46	W	5	—	—	6	c	—	4
London ...	30.48	39	38	NW	2	—	—	9	om	—	—
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; g.—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 stations and Fanö do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.

REMARKS.

Thurs. day

Since yesterday morning the decrease of pressure noticed on our northern coasts has continued, and extended to all stations, but those in France, and the S.E. of England. The highest readings are at Scilly and Paris, being three quarters of an inch higher than that at Shetland, which is itself 0.34 in. higher than that at Christiansund.

Temperatures has increased on all coasts, mostly in Ireland and Scotland.

The wind has "backed" to the SW, except in the Channel, and west of France, but is light to moderate generally. At Christiansund, however, a SSW gale is reported.

Some rain has fallen in the N and NW. The sky is very cloudy generally. The sea is moderate to smooth.

2 Pm.

The fall in the barometer has ceased in Ireland, Scotland, and at Skudesnaes; and the wind has veered slightly, but freshened a little, with rather more sea at Valencia.

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.

Dec 13th

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	29.72	38	37	W	8	6	SW	—	o	—	4
* Skudesnaes ...	30.04	38	36	WNW	6	6	W	—	o r	—	4
* Oxo (Christiansand)	30.03	40	38	SW	4	6	SW	—	c b	—	3
Fanö ...	30.19	38	38	SW	4	—	—	—	c	—	—
Cuxhaven ...	30.26 8	35	—	SW	5	6	SW	8	t m	0.23	0
Shetland (Sumburgh Hd.)	30.23 2	42	39	WNW	7	7	WNW	5	r c	0.10	5
Thurso ...	30.26 2	42	40	W	3	5	WNW	5	q p c	0.24	3
Wick ...	30.26 2	36	35	WSW	4	4	WSW	5	c	0.04	3
Nairn ...	30.32 2	35	34	SW	1	2	SW	2	c b	0.04	1
Aberdeen ...	30.32 2	38	35	WSW	2	3	WSW	4	c g	—	1
Leith ...	30.40 2	37	36	WNW	1	2	SW	3	c g	—	—
Shields ...	30.41 2	38	37	NW	2	6	WNW	6	m	—	1
Scarborough ...	30.43 2	38	37	NW	2	2	W	5	o c	—	2
Yarmouth ...	—	41	38	WNW	3	4	NW	—	b f m	—	3
Ardrossan ...	30.40 2	39	37	E	2	6	SSW	7	o f	0.03	1
Greencastle ...	30.43 2	43	43	WNW	2	2	?ENE	9	r	0.22	—
Holyhead ...	30.41 2	48	47	S	2	3	SSW	8	c r	0.26	—
Liverpool (Bidston Obs.)	30.43 2	45	44	W	1	4	W	9	o f	0.21	2
Valencia ...	30.46 2	50	47	SW	5	5	SW	8	c o	—	4
Roche's Point	30.47 3	48	45	W	2	4	WSW	8	c o	—	3
Pembroke ...	30.51 2	50	46	W	3	6	W	9	o	—	3
Scilly ...	30.57 2	48	45	W	4	5	W	7	c	—	4
Plymouth ...	30.56 8	37	37	NNW	1	1	NNW	9	g	0.01	—
Portsmouth ...	30.53 3	39	39	WNW	2	2	NNW	8	g o	—	2
Dover ...	30.47 8	43	42	WNW	2	1	SW	6	b m	—	1
London ...	30.49 3	40	39	W	1	2	NW	9	o b m	—	—
Helder ...	30.36	42	—	SW	6	—	—	—	—	—	2
Cape Gris Nez	30.47 8	42	40	SW	3	3	SW	9	g o	—	3
Brest ...	—	40	40	SE	3	3	SE	9	g	—	2
L'Orient ...	30.66 2	35	35	ENE	3	3	ENE	9	g	—	2
Rochefort ...	30.59 2	24	22	NE	3	3	NE	0	b	—	3
Biarritz ...	30.52 8	25	23	SE	4	4	E	9	o	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.58	27	—	SSE	2	—	—	—	o f	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.35 2	34	29	NE	4	5	E	1	g b	0.16	6

2P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	2
Thurso ...	30.27	40	38	S	1	—	—	7	c	—	2
Scarborough ...	30.41	32	31	W	1	—	—	9	o r	—	—
Greencastle ...	30.27	45	45	WSW	2	—	—	9	r o	—	—
Holyhead ...	30.43	48	46	SSW	2	—	—	8	o	—	—
Valencia ...	30.46	50	48	SW	4	—	—	7	o c	—	4
Scilly ...	30.55	50	47	WNW	3	—	—	7	c	—	—
London ...	30.48	45	44	W	1	—	—	9	o m	—	—
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 stations and Fanö do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.

Sea
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(0 to 9.)

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Temperature has risen slightly in the S of England, but fallen fast in Scotland, and to a less extent in Norway and France.

Thunder has occurred at Loughswear. A little rain has fallen in the N. The sky is very cloudy except in the NE, with fog in many places. The sea is moderate to smooth in general.

The barometer is falling at Greenacastle and in England, but elsewhere. The wind has backed to NVV on our W^{SW} and NW^W is very light, and the sea moderate to smooth.

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ROBERT H. SCOTT.

PRINTED BY VINCENT BROOKS, DAY AND SON, GATE STREET, W.C.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 14th

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	39.42	41	39	WSW	10	8	WSW	—	0.5	—	—
*Skudesnaes ...	30.22	36	36	ESE	2	4	NW	—	0.3	—	—
Oxo (Christiansand)	30.26	35	32	WSW	2	6	WSW	—	6	—	5
Fanö ...	30.26	37	37	WSW	2	—	—	—	0	—	—
Cuxhaven ...	30.358	32	30	SW	8	3	SW	9	g	—	0
Shetland (Sumburgh Hd.)	30.152	40	38	W	4	5	W	7	c	0.04	5
Thurso ...	30.188	34	34	S	1	1	S	4	bcm	—	1
Wick ...	30.188	40	39	S	4	3	WSW	6	c	—	3
Nairn ...	30.218	35	34	Z	0	1	SW	8	c0	0.02	1
Aberdeen ...	30.238	38	37	NNE	1	2	WSW	9	cm	0.27	—
Leith ...	30.258	38	38	S	1	1	W	9	20	0.54	—
Shields ...	30.228	46	45	N	4	2	S	8	m	0.23	2
Scarborough ...	30.238	44	43	W	2	2	NW	8	0	—	2
Yarmouth ...	—	43	41	WSW	2	4	WSW	8	m	0.46	2
Ardrossan ...	30.248	50	49	WNW	2	6	W	9	g2	0.40	3
Greencastle ...	30.272	47	47	WSW	2	5	WSW	9	2	0.38	—
Holyhead ...	30.378	48	47	WSW	2	3	SSW	6	c	—	—
Liverpool (Bilston Obs.)	30.328	45	44	W	4	5	WSW	9	0	0.06	3
Valencia ...	30.428	49	47	SW	4	4	SW	8	m0	—	4
Roche's Point	30.428	47	46	WSW	2	3	W	8	c0	0.02	3
Pembroke ...	30.448	50	47	W	3	5	W	7	00	—	3
Scilly ...	30.518	49	49	WSW	5	5	WSW	7	c	—	4
Plymouth ...	30.508	38	38	W	1	1	N	9	g	—	—
Portsmouth ...	30.468	41	40	W	2	2	W	7	ofc	—	2
Dover ...	30.418	43	42	W	3	0	Z	5	anc	—	1
London ...	30.418	40	39	WSW	1	3	W	9	m0	—	—
Helder ...	30.30	41	—	SSW	3	—	—	—	—	—	2
Cape Gris Nez	30.408	43	41	W	3	4	W	9	0	—	2
Brest ...	—	48	44	W	3	3	SE	9	0	—	2
L'Orient ...	30.578	43	41	SSW	1	1	SSW	9	g0	—	2
Rochefort ...	30.568	34	32	E	1	4	E	9	0	—	3
Biarritz ...	30.522	21	19	E	4	4	E	9	b2	—	6
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.51	34	—	W	2	—	—	—	0g	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.378	38	33	NE	3	5	NE	0	h	—	5

2P.M. REPORT.

Skudesnaes ...	30.20	38	37	Z	0	—	—	—	c	—	2
Thurso ...	30.12	38	36	SSW	2	—	—	6	c	—	2
Scarborough ...	30.26	45	44	W	2	—	—	9	0	—	2
Greencastle ...	30.28	47	47	WSW	2	—	—	9	2	—	—
Holyhead ...	30.38	49	47	SW	3	—	—	6	c	—	—
Valencia ..	30.39	51	48	SW	4	—	—	9	0	—	3
Scilly ...	30.48	50	48	WSW	5	—	—	7	c	—	4
London ...	30.37	48	46	NW	2	—	—	9	0	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

EXPLANATION OF THE COLUMNS.

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

Sea
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EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 15th

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	30.25	42	39	SSW	6	8	WSW	—	zc	—	6
* Skudesnaes ...	30.09	41	41	ESE	2	0	Z	—	cz	—	3
* Oxo (Christiansund)	30.13	41	39	WSW	4	4	WSW	—	oc	—	3
Fanö ...	30.21	37	37	W	2	—	—	—	f	—	—
Cuxhaven ...	30.26 f	35	35	SW	2	2	SSW	9	f	0.08	0
Shetland (Samburgh nd.)	29.95 f	46	46	SW	4	4	SW	6	c	0.04	5
Thurso ...	29.99 f	42	40	SSW	1	2	SSW	4	c	—	2
Wick ...	30.03 f	42	41	SSW	3	4	S	5	c	—	3
Nairn ...	30.05 f	45	42	SW	2	0	Z	2	b	—	1
Aberdeen ...	30.11 f	36	35	SW	1	1	NNE	0	cb	—	1
Leith ...	30.18 f	45	42	SW	2	2	SSE	9	o	—	—
Shields ...	30.25 f	40	39	SW	1	3	NW	8	m	—	1
Scarborough ...	30.30 s	40	40	W	1	2	W	2	ob	—	1
Yarmouth ...	—	46	44	WNW	2	4	NW	—	f	0.20	2
Ardrossan ...	30.14 f	48	45	SSW	4	4	SSW	8	o	0.05	3
Greencastle ...	30.13 f	44	43	SSW	3	3	SSW	9	o	0.02	—
Holyhead ...	30.30 f	48	46	S	2	2	SSW	6	c	—	—
Liverpool (Bidston Obs.)	30.31 f	45	43	S	2	4	W	9	o	—	1
Valencia ...	30.15 f	50	49	SSW	5	5	SW	8	om	—	4
Roche's Point	30.22 f	49	47	SSW	5	5	SSW	9	co	—	4
Pembroke ...	30.34 f	48	46	WSW	2	3	WNW	7	c	0.01	2
Scilly ...	30.37 f	47	45	SW	5	5	SW	7	pc	0.04	4
Plymouth ...	30.40 f	39	39	W	1	1	NW	8	f	—	1
Portsmouth ...	30.40 f	41	41	NW	1	2	W	8	cw	—	1
Dover ...	30.35 f	45	44	NW	1	1	W	6	m	0.05	1
London ...	30.38 s	43	42	SW	1	1	SW	9	mzo	0.01	—
Helder ...	30.29	41	—	WNW	3	—	—	—	—	—	2
Cape Gris Nez	30.35 s	45	45	NNE	1	4	WSW	9	m	0.20	1
Brest ...	—	46	44	E	3	3	NW	9	o	—	2
L'Orient ...	30.45 f	43	41	ENE	1	1	NNE	8	m	—	2
Rochefort ...	30.45 f	34	34	SE	3	3	SE	4	of	—	3
Biarritz ...	—	—	—	—	—	—	—	—	—	—	—
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.39	40	—	W	2	—	—	—	of	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.25 f	38	33	NE	1	0	Z	3	b	—	3

2P.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.

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

REMARKS.

Fri - day

During the past night the barometer has begun to fall rather briskly, on all the W^{est} coasts, and the change has extended quickly to the northern and eastern stations also. The reading at L' Orient is, however, only 0.45 in. higher than that at Lumburgh Head.

Temperature has risen on the N and E coasts, but is little changed elsewhere.

The wind has "backed" to SSW and S, on our western and northern coasts, and freshened slightly at the SW^{est} stations. Elsewhere it is still very light, and chiefly W^{est}, but is again E^{ast} in the west of France.

Slight rain has fallen in a few places. The sky is very cloudy, except in the southeast, with mist in the S, and the weather is rather unsettled. The sea is moderate to smooth generally, but rather rough at Lumburgh Head.

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.
Dec ^r												
14.	K'tiansund	29.92	41	39	WSW	10	8	WSW	—	0	—	5
—	Skudesnaes	30.22	36	36	ESE	2	4	NW	—	0	—	3
—	Oyo	30.26	35	32	WSW	2	6	WSW	—	0	—	5
—	Lano	30.26	37	37	WSW	2	—	—	—	0	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec 16th

Saturn-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	29.79	44	42	SW	4	4	SSW	—	o	—	4
*Skudesnaes ...	30.05	42	42	SSW	2	2	E	—	2 c	—	3
*Oxo (Christiansand)	30.10	41	41	WSW	4	2	WSW	—	6 o	—	3
Fanø ...	30.20	40	39	WSW	2	—	—	—	o	—	—
Cuxhaven ...	30.282	36	35	SW	2	2	SW	9	f m	0.06	0
Shetland (Sumburgh Hd.)	30.012	44	42	W	4	3	SW	3	c	—	3
Thurso ...	—	—	—	—	—	—	—	—	—	—	—
Wick ...	30.162	38	37	WNW	3	3	SSW	4	c	—	3
Nairn ...	30.202	38	37	SW	2	1	SW	1	c b	0.02	1
Aberdeen ...	30.202	40	38	NW	1	4	SW	0	b m	—	1
Leith ...	30.162	40	38	W	1	2	W	2	b f	—	—
Shields ...	30.252	42	42	W	2	2	S	8	m o	0.01	2
Scarborough ...	30.262	40	40	W	1	1	WSW	5	c	—	1
Yarmouth ...	30.31	44	43	SW	2	4	SSW	8	—	—	2
Ardrossan ...	30.342	43	42	NNW	2	6	SSW	3	c	0.04	2
Greencastle ...	30.312	40	39	W	2	5	SSW	6	2 c	0.06	—
Holyhead ...	30.352	44	44	WNW	3	4	SSW	6	c	0.20	—
Liverpool (Bidston Obs.)	30.312	43	43	WNW	2	2	WNW	7	o c	0.08	1
Valencia ...	30.472	42	42	NNW	3	5	NW	3	2 c	0.12	3
Roche's Point	30.402	41	39	NW	3	6	SSW	2	o b	0.30	2
Pembroke ...	30.372	46	43	NW	2	7	SSW	2	o b	0.04	2
Scilly ...	30.432	49	46	N	5	6	SSW	6	c	0.09	5
Plymouth ...	30.392	41	41	Z	0	2	SW	0	o f	0.10	1
Portsmouth ...	30.338	44	43	W	3	2	NW	6	c	0.06	3
Dover ...	30.338	44	43	WSW	1	1	NW	7	c m f	—	1
London ...	30.208	44	42	SW	1	2	SW	9	o b r	—	—
Helder ...	30.31	42	—	WSW	2	—	—	—	—	—	2
Cape Gris Nez	30.348	43	43	SW	3	1	WSW	9	2 o	0.08	2
Brest ...	—	44	42	N	3	4	SSW	7	o	0.32	3
L'Orient ...	30.433	44	44	W	1	1	E	9	c r	0.04	2
Rocheport ...	30.428	36	36	SE	3	3	SE	9	o f	—	3
Biarritz ...	30.432	28	26	ESE	4	3	E	9	o	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.39	37	—	W	2	—	—	—	o f	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.188	42	37	NNE	3	1	N	4	b c	—	3

2P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	30.16	43	40	SW	2	—	—	4	c	—	2
Scarborough ...	30.33	45	43	NW	2	—	—	3	c	—	2
Greencastle ...	30.33	42	41	SW	4	—	—	1	b	—	—
Holyhead ...	30.41	46	45	WNW	2	—	—	1	b	—	—
Valencia ..	30.47	469	45	NNW	3	—	—	4	c	—	2
Scilly ...	30.47	49	45	N	4	—	—	5	c	—	5
London ...	30.34	47	45	W	1	—	—	10	o m r	—	—
Rocheport ...	—	—	—	—	—	—	—	—	—	—	—

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.

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

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EIGHT A.M.

WEATHER REPORT. 1871.

December 17th

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	29.80	42	41	SSW	4	10	SW	—	cb	—	4
* Skudesnaes ...	30.11	40	40	SSE	6	0	Z	—	bc	—	4
* Oxo (Christiansund)	30.23	36	35	WNW	4	2	W	—	bc	—	4
Fanö ...	30.26	34	34	SW	—	—	—	—	f	—	—
Cuxhaven ...	30.35 ²	35	35	SW	1	2	SW	9	f	0.02	0
Shetland (Sumburgh Id.)	29.65 ⁸	44	34 ⁴	SSW	4	4	SW	9	cr	—	5
Thurso ...	29.69 ⁸	43	41	S	4	2	SSW	8	bo	—	3
Wick ...	29.43 ⁸	44	43	SSW	5	3	WNW	4	c	—	3
Nairn ...	29.81 ⁸	43	40	SW	2	4	SW	6	c	0.02	2
Aberdeen ...	29.93 ⁸	44	40	WSW	5	4	SW	8	bo	—	1
Leith ...	29.98 ⁸	46	42	SW	6	1	SW	9	co	—	—
Shields ...	30.14 ⁸	34	34	SW	4	3	WNW	3	emo	—	1
Scarborough ...	30.12 ⁸	32	31	WSW	2	2	NW	4	c	—	2
Yarmouth ...	30.34 ²	43	43	SSW	2	3	SW	6	c	—	3
Ardrossan ...	30.01 ⁸	46	45	SSW	6	8	SSW	8	cr	0.17	6
Greencastle ...	29.89 ⁸	45	44	SW	4	6	SSW	9	c	0.03	—
Holyhead ...	30.20 ⁸	44	45	SE	5	5	SE	6	c	—	—
Liverpool (Bidston Obs.)	30.26 ⁸	33	32	SE	2	3	S	3	c	—	1
Valencia ...	30.15 ⁸	52	51	SW	6	4	SW	9	r	—	5
Roche's Point	30.22 ⁸	48	44	SW	5	5	SW	9	c	—	4
Pembroke ...	30.30 ⁸	38	34	SSW	6	2	NW	8	bo	—	3
Scilly ...	30.39 ⁸	44	44	SW	5	5	SW	6	c	—	5
Plymouth ...	30.41 ⁸	30	30	NW	1	1	NW	6	m f	—	1
Portsmouth ...	30.40 ⁸	34	34	NW	1	3	W	8	cf	—	1
Dover ...	30.38 ²	42	41	SSW	4	0	Z	9	mo	0.04	3
London ...	30.39 ⁸	40	39	W	2	2	W	9	orw	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.38 ²	38	36	SSW	4	4	SSW	9	ow	—	2
Brest ...	—	42	40	SE	3	3	NNE	3	cf	—	4
L'Orient ...	30.40 ⁸	39	39	NE	1	3	E	5	fc	0.08	2
Rochefort ...	30.42 ⁸	36	34	NE	3	3	SE	9	mo	—	3
Biarritz ...	30.39 ⁸	36	34	SE	3	4	E	9	c	—	?
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.41	32	—	E	2	—	—	—	of	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.06 ⁸	42	38	S	—	3	N	2	b	—	5

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.

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EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 18th

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	29.39	41	40	SSW	4	8	SW	—	c	—	5
*Skudesnaes ...	29.54	43	43	SSE	6	6	S	—	o	—	4
Oxo (Christiansand)	30.00	42	42	SW	6	4	SSW	—	o n	—	6
Fanö ...	29.43	39	39	SW	6	—	—	—	o n	—	—
Cuxhaven ...	30.13 f	36	36	SW	6	3	SW	9	g h	—	1
Shetland (Sumburgh Hd.)	29.04 f	47	47	SSW	8	7	SSW	9	o r	0.27	6
Thurso ...	29.10 f	57	55	SSE	2	3	SSE	7	o c	0.02	2
Wick ...	29.17 f	48	47	SSW	4	3	SSW	8	c o	0.30	4
Nairn ...	29.20 f	52	50	SW	2	4	SW	6	c	0.02	2
Aberdeen ...	29.32 f	52	48	SSW	9	9	SSW	9	o	—	4
Leith ...	29.43 f	52	49	SW	7	8	SW	9	o r	0.16	—
Shields ...	29.67 f	49	47	SW	8	8	SW	6	m	0.01	2
Scarborough ...	29.83 f	46	45	SW	5	5	SW	9	o	—	4
Yarmouth ...	30.07 f	43	43	SSW	3	3	SSW	6	c	—	4
Ardrossan ...	29.50 f	50	48	SSW	7	10	SSW	9	r	0.56	7
Greencastle ...	29.42 f	51	50	SSW	7	7	SSW	9	o	0.19	—
Holyhead ...	29.78 f	50	48	S	6	8	SSW	6	r c	0.53	—
Liverpool (Bidston Obs.)	29.47 f	51	48	SW	4	5	SW	9	o	—	3
Valencia ...	29.67 f	53	53	SW	9	8	SW	9	r	1.02	8
Roche's Point	29.78 f	51	51	SW	8	8	SW	9	r o	0.36	6
Pembroke ...	29.96 f	50	49	SW	7	8	SSW	9	o r	0.02	4
Scilly ...	30.09 f	51	49	SW	7	7	SW	8	o	—	6
Plymouth ...	30.14 f	49	48	SW	4	4	SW	9	m o	—	2
Portsmouth ...	30.18 f	46	45	SW	4	4	SW	8	o	—	4
Dover ...	30.18 f	43	42	SW	6	3	WSW	6	c	—	5
London ...	30.13 f	46	44	SW	3	4	SW	9	c o	—	—
Helder ...	29.78	40	—	SSW	7	—	—	—	—	—	4
Cape Gris Nez	30.21 f	37	37	SSW	5	4	SW	9	o f	—	3
Brest ...	—	50	48	SW	5	4	SW	9	o	—	4
L'Orient ...	30.33 f	46	42	SW	4	4	SW	8	o	—	3
Rocheport ...	30.43 f	31	31	E	3	3	WSW	9	o f	—	2
Biarritz ...	30.38 f	34	32	E	5	3	E	9	m	—	5
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	30.38	30	—	SSW	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.12 f	17	13	SW	1	5	SW	1	b	—	5

2P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	28.95	55	51	SW	3	—	—	6	c	—	3
Scarborough ...	29.66	50	47	SW	5	—	—	9	o	—	4
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Holyhead ...	29.65	50	50	S	6	—	—	7	c	—	—
Valencia ...	29.64	54	52	WSW	6	—	—	9	ro	—	6
Scilly ...	29.99	52	50	SW	9	—	—	8	o	—	6
London ...	30.03	50	48	W	4	—	—	9	o	—	—
Rocheport ...	—	—	—	—	—	—	—	—	—	—	—

EXPLANATION OF THE COLUMNS.

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Sea
Disturb
(0 to 9.)

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EIGHT A.M.

WEATHER REPORT. 1871.

December 19th

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	28.83	41	38	SW	10	8	SSE	—	to	—	5
* Skudesnaes ...	29.34	43	38	W	8	6	W	—	oc	—	8
Oxo (Christiansand)	29.28	46	46	WSW	8	8	SSW	—	tb	—	6
Fanö ...	29.60	42	42	W	2	—	—	—	c	—	—
Cuxhaven ...	29.857	37	37	WSW	6	6	SW	9	m	0.02	2
Shetland (Sumburgh Hd.)	29.257	40	38	WNW	9	9	SSW	3	hgp	0.38	7
Thurso ...	29.447	38	36	WSW	2	6	WNW	4	bqc	0.05	3
Wick ...	29.477	36	35	WSW	3	7	SSW	4	oc	0.04	4
Nairn ...	29.547	37	36	WSW	2	7	SW	2	cb	0.10	2
Aberdeen ...	29.607	39	35	SW	2	10	SW	4	oc	0.02	2
Leith ...	29.667	42	40	W	3	9	SW	2	of	—	—
Shields ...	29.757	45	42	SW	2	8	SW	7	cm	—	2
Scarborough ...	29.817	43	42	WSW	3	5	SW	2	bb	—	2
Yarmouth ...	29.927	46	46	SSW	3	6	SW	8	f	—	4
Ardrossan ...	29.697	45	42	WSW	6	9	S	5	c	0.13	4
Greencastle ...	29.717	40	39	WSW	3	8	SSW	1	ob	0.10	—
Holyhead ...	29.847	45	43	SSW	3	5	S	5	c	—	—
Liverpool (Bidston Obs.)	29.857	45	41	WSW	3	5	SSW	1	ob	—	3
Valencia ...	29.897	44	43	WSW	4	6	W	5	rc	0.37	4
Roche's Point	29.887	42	40	WSW	2	8	SW	2	ob	0.28	4
Pembroke ...	29.927	49	46	W	2	8	SSW	3	oc	0.13	3
Scilly ...	29.997	50	49	WSW	5	9	SW	6	c	0.11	5
Plymouth ...	29.957	47	46	W	1	6	SW	9	rm	0.24	1
Portsmouth ...	29.967	47	47	SW	3	7	SW	8	gt	0.16	3
Dover ...	30.007	44	43	WSW	4	7	WSW	9	ct	0.06	4
London ...	29.937	48	47	WSW	2	7	SW	9	otm	0.05	—
Helder ...	29.91	42	—	SW	7	—	—	—	—	—	4
Cape Gris Nez	30.027	41	41	SSW	9	8	SSW	9	ot	0.08	6
Brest ...	—	52	52	? N	7	7	? N	9	m	0.24	5
L'Orient ...	30.087	50	50	SW	5	5	SW	9	ot	0.04	4
Rochefort ...	30.277	36	34	S	5	3	E	9	co	—	3
Biarritz ...	30.307	43	38	S	4	4	E	5	f	—	6
Corunna ...	29.99	—	—	SW	3	—	—	—	c	—	1
Brussels ...	30.08	37	—	SW	4	—	—	—	o	—	—
Paris ...	30.21	32	—	SW	6	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	30.38	33	—	N	1	—	—	—	b	—	—
Toulon ...	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	29.44	41	38	SW	3	—	—	5	c	—	3
Scarborough ...	29.80	43	42	WSW	3	—	—	3	c	—	2
Greencastle ...	29.70	42	41	WSW	5	—	—	2	c	—	—
Holyhead ...	29.84	46	43	SSW	2	—	—	3	c	—	—
Valencia ...	29.87	48	45	W	3	—	—	8	co	—	4
Scilly ...	29.94	50	49	WSW	7	—	—	7	c	—	5
London ...	29.92	51	49	SW	7	—	—	7	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 stations and Fanö do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.

REMARKS.

Tues. day

The barometer fell as low as 28.81 ins. at Sumburgh last evening. A rapid recovery of pressure has now set in at all the Scotch stations and also in Ireland, but to a less extent. The depression having passed on to Norway. In the south-east of England the barometer is not rising yet. The highest reading at present reported is at Dover, being 0.75 in higher than that at Sumburgh 182.

Temperature has fallen rapidly in Ireland and Scotland. At Thurso it is 19° colder than it was yesterday morning.

The wind increased to a fresh to strong gale at most of the Scotch and Irish stations yesterday, and extended as a strong and squally breeze all up the English Channel, but subsided at most places by midnight. Light to moderate WSW winds are now general in these Islands, but at Sumburgh and in Norway the wind still blows a strong gale from the W.

Aurora was seen in London last night. Rain has fallen very generally but not heavily, and hail at Shetland. The sky has now cleared except in the south-east of England. The sea has gone down except on the extreme northern coasts.

2 P.M.

The barometer has now fallen slightly at nearly all stations, and the wind has freshened a little from WSW at Greenock.

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.
Dec 1874	Christiansund	29.39	41	40	SSW	4	8	SW	—	c	—	—
—	Skudeanaes	29.54	43	43	SSE	6	6	S	—	o	—	—
—	Oxø	30.00	42	42	SW	6	4	SSW	—	ot	—	—
—	Fanø	29.93	39	39	SW	6	—	—	—	ot	—	—
—	Paris	30.38	30	—	SSW	2	—	—	—	o	—	—
Correction—												
—	Liverpool	Barometer reading 29.847 instead of 29.777.										

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec 20th

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	29.15	41	39	WSW	8	12	WSW	—	roc	—	5
* Skudesnaes	29.43	41	40	SW	6	6	WSW	—	bc	—	6
Oxo (Christiansund)	29.57	43	41	SSW	6	6	SSW	—	bc	—	4
Fanø	29.73	38	38	SW	6	—	—	—	o	—	—
Cuxhaven	29.80 f	35	35	SW	4	6	SW	9	m f	—	0
Shetland (Sumburgh Hd.)	29.22 f	38	38	WSW	28	9	W	5	g h	0.47	2
Thurso	29.31 f	36	35	SSW	2	2	SW	6	bc	0.19	3
Wick	29.34 f	36	35	SW	3	4	WSW	4	c	—	3
Nairn	29.38 f	36	34	WSW	1	3	WSW	1	cb	0.03	1
Aberdeen	29.45 f	37	35	SW	3	6	SW	3	c	—	2
Leith	29.50 f	41	38	SW	3	5	W	2	b	—	—
Shields	29.60 f	40	38	S	3	3	W	8	bf	—	2
Scarborough	29.68 f	36	35	WSW	3	3	WSW	8	co	—	2
Yarmouth	29.88 f	38	38	SW	3	3	SSW	3	fc	0.12	3
Ardrossan	29.51 f	44	42	SW	4	6	WSW	5	c	—	4
Greencastle	29.46 f	39	38	NNW	1	5	WSW	9	co	0.15	—
Holyhead	29.46 f	43	42	SW	4	5	SW	8	cr	0.28	—
Liverpool (Bilston Obs.)	29.65 f	40	38	SSE	—	3	WSW	—	—	—	—
Valencia	29.16 f	45	43	NW	9	9	WNW	8	2 pg	0.92	8
Roche's Point	29.23 f	45	45	SW	9	9	SW	9	o r	0.56	6
Pembroke	29.53 f	49	48	SW	7	9	SSW	9	r	0.43	5
Scilly	29.73 f	50	48	WSW	10	10	WSW	9	o	0.32	6
Plymouth	29.80 f	49	49	SSW	5	7	SSW	9	cr	0.16	4
Portsmouth	29.91 f	46	45	SSW	5	4	SW	8	o	0.08	4
Dover	29.98 f	39	38	SW	3	3	SW	3	ob	0.52	3
London	29.90 f	42	41	SSW	2	4	SSW	9	ro	0.20	4
Helder	29.98 f	41	—	SW	6	—	—	—	—	—	—
Cape Gris Nez	30.00 f	43	41	W	5	8	N	5	re	0.43	4
Brest	—	52	50	SW	7	8	WSW	9	o	0.04	6
L'Orient	30.18 f	50	48	—	5	5	WNW	7	co	0.24	5
Rochefort	30.34 f	45	41	SW	4	5	S	4	oc	0.24	3
Biarritz	30.42 f	48	48	SW	3	5	SW	6	2 f	0.20	6
Corunna	30.01	45	—	NW	1	—	—	—	pg	—	5
Brussels	30.015	49	—	WSW	4	—	—	—	fo	—	—
Paris	30.18	41	—	W	4	—	—	—	b	—	—
Strasbourg	—	—	—	—	—	—	—	—	—	—	—
Lyons	30.43	28	—	NW	1	—	—	—	g	—	6
Toulon	30.16 f	40	36	WNW	7	4	WSW	6	bf	—	—

2 P.M. REPORT.

Skudesnaes	29.38	42	40	SSW	4	—	—	—	c	—	4
Thurso	29.27	35	34	W	4	—	—	—	—	—	4
Scarborough	29.32	39	39	SW	4	—	—	5	ps	—	3
Greencastle	29.50	41	38	NW	4	—	—	9	sn	—	—
Holyhead	29.27	43	42	NW	4	—	—	3	c	—	—
Valencia	29.86	47	42	NNW	7	—	—	8	ro	—	7
Scilly	—	—	—	—	—	—	—	7	p	—	—
London	29.50	49	47	SW	7	—	—	9	ps	—	—
Rochefort	—	—	—	—	—	—	—	—	—	—	—

EXPLANATION OF THE COLUMNS.

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

Sea	
Disturb.	
(0 to 9.)	

5	4
6	4
4	3
—	—
0	—
2	—
3	—
3	—
1	—
2	—
—	—
2	—
2	—
3	—
4	—
—	—
—	—
8	—
6	—
5	—
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3	—
6	—
5	—
—	—
—	—
—	—
6	—
4	—
4	—
3	—
—	—
7	—
—	—

mercury
—calm.
squally;
windy

EIGHT A.M.

WEATHER REPORT. 1871.

Dec 21st

24 hours - 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	29.14	34	34	SSW	4	6	SW	—	o	—	5
* Skudesnaes ...	29.21	35	33	NNW	4	6	WSW	—	o r	—	3
Oxo (Christiansand)	29.15	35	35	WNW	2	6	SSW	—	o c	—	3
Fanö ...	29.31	37	37	W	8	—	—	—	c	—	—
Cuxhaven ...	29.48 ⁸	39	38	WNW	8	6	SW	4	int	0.18	5
Shetland (Sumburgh Hd.)	29.32 ²	33	31	NNW	6	8	WSW	4	rc	0.13	5
Thurso ...	29.51 ²	36	34	WNW	4	5	WNW	7	cph	0.32	4
Wick ...	29.52 ²	32	32	WNW	3	4	SW	7	s	0.21	3
Nairn ...	29.54 ²	35	34	W	2	1	WSW	4	bc	—	1
Aberdeen ...	29.56 ²	35	33	W	3	4	SW	1	cb	—	1
Leith ...	29.76 ²	37	35	W	2	3	W	2	b	—	—
Shields ...	29.71 ²	36	35	WNW	5	4	SSE	4	c	0.19	3
Scarborough ...	29.74 ²	34	33	W	3	5	SW	2	ob	0.38	3
Yarmouth ...	29.85 ²	35	34	WSW	4	5	S	0	rb	0.31	3
Ardrossan ...	29.70 ²	42	39	WNW	3	8	WNW	7	cpg	0.17	6
Greencastle ...	29.71 ²	37	36	WSW	1	5	NW	9	co	0.21	—
Holyhead ...	29.84 ⁸	43	42	WSW	4	7	WNW	6	c	0.28	—
Liverpool (Biston Ste.)	29.87 ²	40	39	WSW	3	6	WNW	6	oc	0.13	3
Valencia ...	29.78 ⁸	48	47	SW	6	8	NNW	9	ro	0.40	6
Roche's Point	29.83 ⁸	47	45	SW	4	9	NW	8	po	0.12	4
Pembroke ...	29.92 ²	47	45	WSW	4	10	WSW	9	org	0.33	3
Scilly ...	30.00 ⁸	48	45	WSW	6	11	WNW	8	o	—	6
Plymouth ...	30.03 ²	44	43	W	2	10	W	4	of	0.17	1
Portsmouth ...	30.02 ²	40	39	WSW	4	9	WNW	4	oc	0.50	4
Dover ...	29.97 ²	38	36	W	4	8	WNW	1	qpb	0.10	4
London ...	29.96 ²	37	36	W	3	10	SW	7	rgc	0.13	—
Helder ...	29.71	41	—	W	8	—	—	—	—	—	7
Cape Gris Nez	29.98 ²	41	37	WNW	7	11	SW	1	rb	0.28	5
Brest ...	—	48	46	WNW	4	8	SW	8	ro	0.35	4
L'Orient ...	—	45	—	WNW	4	8	SW	5	rc	0.24	—
Rochefort ...	30.28 ²	39	37	SW	4	5	W	4	rc	0.47	3
Biarritz ...	30.36 ⁸	46	44	WSW	4	5	—	9	r	0.20	7
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	29.97	30	—	SW	7	—	—	—	on	—	—
Paris ...	30.14	30	—	WSW	4	—	—	—	b	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	30.32	39	—	S	1	—	—	—	g	—	—
Toulon ...	30.04 ⁸	41	37	NW	7	7	WNW	2	b	—	6

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	29.50	30	25	N	3	—	—	5	c	—	3
Scarborough ...	29.74	38	37	W	3	—	—	4	bc	—	3
Greencastle ...	29.54	40	39	SSE	4	—	—	9	o	—	—
Holyhead ...	29.69	44	42	WSW	3	—	—	8	o	—	—
Valencia ...	29.46	47	44	SSE	3	—	—	9	ro	—	5
Scilly ...	29.74	50	49	SW	7	—	—	8	o	—	6
London ...	29.89	45	44	W	2	—	—	9	o	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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REMARKS.

Thurs - day

The barometer after falling rapidly on nearly all our coasts yesterday, rose almost as rapidly, as the depression passed off, the change in the south of land, amounting to 0.7 in: by 2 pm. During the night, however, a fresh and brisk gale has set in at Valentia, which has extended, in less degree, to Rock Point. The highest reading is at Birrington, exceeding that at Thurso by 0.85 in: which again is 0.36 in: higher than that at Orkney.

Temperature has fallen except in the south of Ireland, where it has risen slightly.

It blew a very hard gale from SW and NW on our western and southern coasts yesterday, which has now passed on to the SE shores of the North Sea. In our Islands the wind has fallen generally light from W, but has backed to SW in the S of Ireland, and freshening again.

Some rain has fallen generally. The sky after clearing in most places again overcast in the SW, and the weather is still very unsettled. The sea is high at Valentia, Biscay and Helles, moderate generally.

Our west, south and southeast coasts were warmed yesterday; drams are till up.

2 P.M.

The barometer continues to fall fast at the W stations. The wind has become strong from S W at Scilly, and the sea is rough there and at Valencia. At Thurso the wind has veered to N with a sudden fall of temperature. The weather is still very unsettled.

Warnings repeated to the W and S 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.
Dec 20 th	Lans	29.73	38	38	SW	6	—	—	—	o	—	—
—	Corunna	29.01	45	—	NW	1	—	—	—	p b	—	5
—	Brussels	29.05	49	—	WSW	4	—	—	—	8 b	—	—
—	Paris	30.18	41	—	W	4	—	—	—	—	—	—
19	Corse	—	—	—	—	—	—	—	—	—	—	—
—	Cuxhaven	29.85	—	—	—	—	—	—	—	—	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 22nd

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	29.68	31	31	SW	6	6	ENE	—	o c	—	4
* Skudesnaes ...	29.78	33	30	NNE	4	6	NW	—	o	—	3
* Oxo (Christiansand)	29.74	31	29	N	2	2	NNW	—	c b	—	2
Fanö ...	29.71	35	35	—	—	—	—	—	b	—	—
Cuxhaven ...	29.802	34	34	W	4	8	WNW	5	mc	0.08	0
Shetland (Sumburgh Hd.)	29.762	36	34	N	5	5	N	8	ro	0.08	5
Thurso ...	29.922	36	34	Z	0	2	N	8	co	0.02	1
Wick ...	29.942	33	32	WNW	2	3	WNW	8	co	0.03	3
Nairn ...	29.952	30	30	W	1	2	W	6	bc	—	1
Aberdeen ...	29.932	29	28	W	1	3	W	9	bm	—	1
Leith ...	29.912	38	37	SE	1	2	W	9	cr	—	—
Shields ...	29.882	42	40	SE	2	4	WNW	7	m	—	3
Scarborough ...	29.892	41	40	SSE	2	3	W	9	co	0.01	3
Yarmouth ...	29.872	41	41	SE	4	4	S	6	c	0.08	4
Ardrossan ...	29.872	38	36	NE	3	6	NE	9	or	0.22	1
Greencastle ...	29.792	43	43	ENE	2	4	SSE	9	o	0.10	—
Holyhead ...	29.782	44	42	E	3	3	ESE	6	c	0.14	—
Liverpool (Bidston Obs.)	29.832	42	41	S	2	2	ESE	9	o	0.14	2
Valencia ...	29.842	50	49	N	5	5	SSW	7	rc	0.52	5
Roche's Point ...	29.782	42	40	NNE	2	6	SW	5	oc	0.48	4
Pembroke ...	29.712	46	45	ESE	5	7	S	6	oc	0.13	2
Scilly ...	29.682	48	47	E	5	7	SW	8	o	0.48	5
Plymouth ...	29.698	46	45	E	4	6	S	9	ro	0.57	1
Portsmouth ...	29.778	43	42	ENE	3	4	WSW	8	om	0.04	2
Dover ...	29.818	41	40	ESE	1	4	WSW	5	mc	0.02	1
London ...	29.812	40	39	Z	0	4	W	9	cr m	0.01	—
Helder ...	29.87	40	—	SSE	2	—	—	—	—	—	2
Cape Gris Nez	29.778	38	36	SE	3	7	W	7	co	0.04	2
Brest ...	—	43	43	NE	3	7	S	9	ro	0.83	4
L'Orient ...	29.478	41	41	E	5	5	SSW	9	or	0.98	5
Rochefort ...	29.458	43	41	S	3	4	SW	9	co	0.20	3
Biarritz ...	29.668	51	49	WSW	7	11	SW	7	cr	0.12	6
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	29.86	41	—	NE	3	—	—	—	o	—	—
Paris ...	29.77	37	—	ESE	4	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	29.82	39	—	NW	1	—	—	—	g	—	—
Toulon ...	29.898	46	44	WSW	7	8	NW	9	cg	—	7

2 P.M. REPORT.

Skudesnaes ...	29.83	34	33	NNE	2	—	—	—	o	—	3
Thurso ...	29.29	40	35	N	3	—	—	5	c	—	3
Scarborough ...	29.96	41	40	SE	2	—	—	9	or	—	—
Greencastle ...	29.93	42	41	ENE	4	—	—	9	ro	—	—
Holyhead ...	29.91	46	45	SSE	2	—	—	6	c	—	6
Valencia ...	29.90	50	46	N	3	—	—	4	c	—	7
Scilly ...	29.87	49	47	NNE	5	—	—	7	c	—	—
London ...	29.91	43	42	N	3	—	—	9	o	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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Sea
Disturb
(0 to 9.)

4	3	2	—	0	5	1	3	1	1	—	3	3	4	1	—	—	2	5	4	2	5	1	2	1	—	2	2	4	5	3	6	—	—	—	—	4	1	3	3	3	—	—	6	7
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Temperature has fallen in Norway, and the east of Scotland, but risen in the east and south of England. Elsewhere it has changed very variably.

Rain has fallen except on our east coast, heavily in the west of France. The sky is very cloudy generally. The sea is rough in the southwest and at Limburgh Head. The weather continues unsettled.

Drums lowered this morning.

2 Pm.

The barometer is rising every where; with generally light winds, cloudy weather, and rain at Scarborough and Greencastle. The sea is high at Scilly and Valencia.

2	2	4	5	3	6	—	—	—	—	4	3	3	3	—	—	6	7
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

Reports received too late for insertion in their proper places.

[illegible]

mercury
—calm.
ually;
endone

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 23rd*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	29.87	32	30	SW	6	0	Z	—	c	—	3
* Skudesnaes ...	30.00	30	28	ENE	2	4	NNE	—	c	—	2
* Oxo (Christiansand)	30.08	30	27	N	4	4	N	—	cb	—	2
Fanö ...	29.96	32	32	SW	1	—	—	—	h	—	—
Cuxhaven ...	30.022	34	33	WSW	2	4	WSW	5	o	—	0
Shetland (Sandburgh Hd.)	29.04f	37	35	SW	6	4	N	8	co	—	6
Thurso ...	29.87f	34	32	SSE	2	1	SSW	6	bc	0.02	2
Wick ...	29.89f	37	26	SSE	3	2	WNW	7	c	—	3
Nairn ...	29.92f	27	27	Z	0	1	W	6	bc	—	1
Aberdeen ...	30.02f	30	24	SW	1	3	W	3	bc	—	1
Leith ...	30.062	31	30	NW	1	3	NE	2	of	0.34	—
Shields ...	30.112	32	32	WSW	2	5	NE	0	cf	0.26	3
Scarborough ...	30.142	35	34	WSW	1	2	SE	1	rb	0.28	2
Yarmouth ...	30.132	38	37	ENE	2	3	ESE	4	c	—	3
Ardrossan ...	30.06f	34	33	ENE	2	4	ENE	8	scf	0.30	1
Greencastle ...	29.99f	40	39	SSE	4	4	SSE	9	o	0.02	—
Holyhead ...	30.072	45	45	SSE	2	3	SSE	6	c	—	—
Liverpool (Bidston Obs.)	30.112	38	33	SE	2	3	E	9	o	0.05	2
Valencia ...	30.092	44	42	S	1	3	NNW	4	c	—	4
Roche's Point	30.072	44	42	E	1	2	N	5	bc	—	2
Pembroke ...	30.102	46	45	SSW	1	3	SE	9	om	—	2
Scilly ...	30.182	—	—	NW	1	5	NNE	7	c	—	5
Plymouth ...	30.132	33	33	Z	0	3	NE	3	cf	—	1
Portsmouth ...	30.122	38	38	N	1	3	E	8	cf	—	1
Dover ...	30.112	41	40	E	2	2	NE	7	fc	—	—
London ...	30.112	41	41	Z	0	3	WNW	9	of	—	2
Helder ...	30.10	35	—	W	1	—	—	—	—	—	—
Cape Gris Nez	30.082	36	36	E	3	4	E	7	f	—	2
Brest ...	—	40	36	NE	4	5	ENE	2	ob	—	3
L'Orient ...	30.192	40	38	N	5	7	N	1	cb	0.08	3
Rochefort ...	29.962	40	38	SSW	4	3	N	9	co	—	3
Biarritz ...	29.892	43	41	SE	1	7	SW	5	rf	0.04	7
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	30.15	—	—	NNE	3	—	—	—	of	—	—
Paris ...	30.04	32	—	NNW	4	—	—	—	of	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	29.76	39	—	SW	1	—	—	—	s	—	—
Toulon ...	29.772	42	—	NNE	4	8	S	9	ro	0.04	7

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	2
Thurso ...	29.69	36	35	SSW	2	—	—	8	or	—	2
Scarborough ...	30.09	30	29	SW	2	—	—	5	c	—	—
Greencastle ...	29.07	44	43	SW	5	—	—	9	or	—	—
Holyhead ...	30.05	46	45	ESE	1	—	—	5	c	—	4
Valencia ...	30.04	50	48	SSW	3	—	—	9	om	—	5
Scilly ...	30.14	50	47	SW	4	—	—	7	c	—	—
London ...	30.15	44	43	SSW	2	—	—	9	fo	—	—
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 stations and Fanö do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.

Sea
Disturb.
(0 to 9)

3	2	2	—	0	6	2	3	1	1	—	3	2	3	1	—	—	2	4	2	2	5	1	1	1	—	2	2	3	3	3	7	—	—	—	—	7	2	2	—	—	4	5	—
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Temperature has fallen except over the Irish Sea. At Plymouth it has fallen 13° .

Rain has fallen on our NE coast, but the sky has since cleared. Elsewhere the weather is cloudy, especially in the W, with fog on the E and S coasts. The sea is moderate to smooth.

The fall noticed in Scotland this morning has continued and extended at all but the ^{some} stations with rain at Thurro and Greencastle. The wind has veered slightly on all but the Scoasts.

[illegible]

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
Dec 22.	Fano	29.71	35	35	-	-	-	-	-	0	-	-

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

December 24th

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	29.39	40	37	SW	6	6	WSW	—	oc	—	3
* Skudesnaes ...	29.71	43	42	SW	4	6	SSE	—	o	—	4
* Oxo (Christiansand)	29.81	43	43	SW	6	2	NNE	—	ct	—	4
Fanö ...	30.02	37	37	SW	6	—	—	—	o	—	—
Cuxhaven ...	30.17+	31	31	SW	4	4	SW	6	c	—	0
Shetland (Sumburgh Hd.)	29.53+	44	44	SW	6	7	SSW	9	to	0.50	6
Thurso ...	29.61+	38	36	S	2	3	SW	8	co	0.20	2
Wick ...	29.66+	41	40	SSW	3	4	S	8	to	0.20	3
Nairn ...	29.72+	39	38	SW	1	1	W	7	c	0.04	1
Aberdeen 9am	29.76+	39	37	SW	3	7	SSW	8	co	0.49	1
Leith ... 9am	29.83+	43	41	SW	1	4	SW	6	of	—	—
Shields ...	29.90+	46	45	WSW	2	3	SSW	6	m	0.02	2
Scarborough ...	29.98+	43	42	SW	4	3	SW	8	co	—	4
Yarmouth ...	30.12+	41	40	SSW	3	3	NE	3	c	—	4
Ardrossan ...	29.83+	47	45	SSW	3	6	SW	7	c	0.08	2
Greencastle ...	29.73+	44	43	S	5	5	S	9	o	0.14	—
Holyhead ...	29.92+	48	48	S	2	2	SE	8	ct	0.16	—
Liverpool (Bidston Obs.)	29.99+	48	45	SSW	2	3	SW	8	oc	—	1
Valencia ...	29.79+	50	50	SSW	5	2	S	9	+	0.18	5
Roche's Point	29.97+	50	50	SW	6	6	SW	6	c	—	4
Pembroke ...	29.99+	49	48	S	1	5	S	9	om	—	3
Scilly ...	30.05+	40	38	SW	6	6	SW	6	c	—	4
Plymouth ...	30.13+	47	46	S	3	3	S	5	mc	—	1
Portsmouth ...	30.18+	41	41	SSW	3	1	W	7	fc	—	3
Dover ...	30.21+	40	39	SSW	4	3	SW	7	c	—	3
London ...	30.17+	40	39	SSW	3	3	SW	7	fc	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.17+	31	31	S	4	1	E	9	f?b	—	2
Brest ...	—	42	40	SSE	4	4	SSE	1	b	—	3
L'Orient ...	30.23+	36	36	ESE	4	4	ENE	3	bc	—	3
Rochefort ...	30.23+	32	30	E	4	5	NE	9	cf	—	3
Biarritz ...	30.19+	37	35	E	3	4	NE	7	of	—	6
Corunna ...	30.17	47	—	SE	3	—	—	—	b	—	2
Brussels ...	30.28	32	—	SSW	4	—	—	—	o	—	—
Paris ...	9	25	—	ESE	1	—	—	—	c	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	30.28	27	—	N	3	—	—	—	o	—	—
Toulon ...	30.03+	46	42	NE	4	5	NE	8	to	0.16	6

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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24th

Ses
Disturb
(0 to 9.)

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EIGHT A.M.

WEATHER REPORT. 1871.

Dec 25th

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. 19	41	39	SW	4	4	SSE	—	z. f	—	4
* Skudesnaes ...	29. 08	45	44	SW	6	6	SSE	—	z. o	—	7
* Oxo (Christiansund)	29. 69	43	43	SSW	8	4	SW	—	z	—	5
Fanø ...	29. 92	36	36	SW	6	—	—	—	e	—	—
Cuxhaven ...	30. 06 f	28	27	SW	5	5	SW	3	b. c	—	0
Shetland (Sumburgh Hd.)	29. 24 2	41	41	SW	8	8	SW	4	o. c	—	7
Thurso ...	29. 38 2	35	33	SSW	1	3	SW	4	o. c	0. 03	2
Wick ...	29. 39 2	35	34	SSW	3	3	SSW	3	e	—	3
Nairn ...	29. 47 2	37	36	W	1	2	SW	4	o. c	0. 12	2
Aberdeen ...	29. 54 2	39	37	SW	1	8	SW	1	c. m	0. 03	2
Leith ...	29. 63 2	42	40	NW	3	6	SW	2	c. b	0. 04	—
Shields ...	29. 67 f	45	43	SW	2	6	SW	7	c. m	—	1
Scarborough ...	29. 78 f	45	44	WSW	1	4	SW	4	o	0. 05	1
Yarmouth ...	29. 79 f	41	40	SW	5	5	SW	4	e	—	4
Androssau ...	29. 65 2	44	41	SW	5	8	SW	5	p. o. g	0. 14	4
Greencastle ...	29. 64 2	39	38	SW	5	5	SW	8	o	0. 05	—
Holyhead ...	29. 77 —	42	42	SW	3	3	S	6	z. c	0. 32	—
Liverpool (Bidston Obs.)	29. 50 f	44	43	W	2	5	SSW	9	o	0. 18	2
Valencia ...	29. 77 2	45	42	SW	3	6	W	4	z. c	0. 48	5
Roche's Point	29. 79 2	44	42	N	2	6	SW	7	z. c	0. 65	4
Pembroke ...	29. 82 f	46	45	NW	1	8	SSW	9	o. z	0. 57	3
Scilly ...	29. 83 f	49	48	NW	6	7	SW	9	o	0. 30	6
Plymouth ...	29. 85 f	49	49	SSW	5	5	SSW	9	c. z	—	2
Portsmouth ...	30. 00 f	41	40	SSW	5	4	SSW	8	g. o	—	4
Dover ...	30. 04 f	38	37	SW	5	5	SW	5	c	—	4
London ...	29. 98 f	39	38	SSW	4	5	S	9	c. o. g	—	—
Helder ...	30. 02	29	—	SSW	7	—	—	—	—	—	4
Cape Gris Nez	30. 04 f	30	28	SSW	5	4	SSW	2	f. b	—	3
Brest ...	—	50	48	SSW	5	5	S	9	o	—	5
L'Orient ...	30. 04 f	49	—	SSW	4	4	SW	9	m. o	—	3
Rochefort ...	30. 15 f	35	33	SE	3	4	E	9	f	—	3
Biarritz ...	30. 13 f	37	33	SE	5	4	E	0	c. f	—	7
Corunna ...	29. 77	49	—	SW	3	—	—	—	e	—	—
Brussels ...	30. 15	31	—	SW	1	—	—	—	e	—	—
Paris ...	30. 18	30	—	SW	4	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	30. 28	28	—	W	—	—	—	—	—	—	—
Toulon ...	—	46	42	NE	4	9	ENE	4	f. b	—	5

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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Sea
Disturb.
(0 to 9.)

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EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 26th

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	29.27	40	38	SW	6	6	SW	—	bo	—	5
* Skudesnaes ...	29.66	42	40	SW	6	6	WSW	—	c	—	7
* Oxo (Christiansund)	29.72	40	39	SW	2	6	SSW	—	ob	—	3
Fanö ...	29.83	38	38	SW	6	—	—	—	o	—	—
Cuxhaven ...	29.908	35	35	SW	4	4	SW	8	bo	—	0
Shetland (Sumburgh Hd.)											
Thurso ...	29.438	37	35	S	2	3	W	4	bc	0.02	2
Wick ...	29.478	40	38	S	4	3	SSW	7	c	—	3
Nairn ...	29.478	37	35	SW	2	1	W	1	cb	0.03	2
Aberdeen ...	29.603	34	33	SW	3	4	SW	1	b	—	1
Leith ...	29.638	39	36	S	3	3	SW	3	bc	—	—
Shields ...	29.728	34	34	SW	2	3	SW	5	cm	—	1
Scarborough ...	29.768	32	32	WSW	1	1	SW	9	og	—	1
Yarmouth ...	29.818	42	42	SW	3	5	SW	6	c	0.25	3
Ardrossan ...	29.578	44	41	SSE	4	6	S	5	c	—	4
Greencastle ...	29.438	41	39	S	5	5	S	9	o	—	—
Holyhead ...	29.668	42	41	SSE	4	5	SSE	5	c	—	—
Liverpool (Bidston Obs.)	29.748	34	34	SE	2	2	SE	9	og	0.02	1
Valencia ...	29.378	48	47	SW	6	7	SW	9	r	0.19	5
Roche's Point	29.528	47	46	SSW	7	7	ESE	9	bo	0.25	5
Pembroke ...	29.678	46	45	S	4	7	S	9	cog	0.09	4
Scilly ...	29.708	48	47	SW	6	6	SW	7	ole	0.07	6
Plymouth ...	29.768	40	40	NW	1	5	ESE	2	rm	0.36	1
Portsmouth ...	29.798	46	46	SW	5	6	SSW	9	gr	0.19	4
Dover ...	29.868	41	41	SW	4	5	SW	9	cr	0.26	4
London ...	29.788	45	45	SW	2	5	SSW	9	cro	0.43	—
Helder ...	29.878	38	—	SSW	6	—	—	—	—	—	2
Cape Gris Nez	29.858	39	37	SSW	7	5	SSW	9	bo	—	4
Brest ...	—	50	50	SSW	4	8	SSW	9	m	0.35	5
L'Orient ...	29.888	50	48	SW	5	5	SSW	9	o	—	5
Rochefort ...	30.028	36	34	SE	4	3	SE	9	g	—	4
Biarritz ...	30.048	46	44	S	3	5	S	4	bg	—	6
Corunna ...	29.96	47	—	S	6	—	—	—	c	—	5
Brussels ...	29.98	36	—	SSW	3	—	—	—	o	—	—
Paris ...	30.01	33	—	S	2	—	—	—	og	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	30.12	28	—	N	1	—	—	—	g	—	—
Toulon ...	30.088	43	41	WSW	3	1	NE	2	ob	—	5

2 P.M. REPORT.

Skudesnaes ...											
Thurso ...	29.35	39	37	SSE	5	—	—	7	c	—	3
Scarborough ...	29.60	36	35	SW	1	—	—	9	f	—	—
Greencastle ...	29.20	44	43	S	6	—	—	9	o	—	—
Holyhead ...	29.52	45	44	ESE	4	—	—	4	c	—	4
Valencia ...	29.34	40	45	WSW	4	—	—	4	rc	—	6
Scilly ...	29.63	50	49	SW	6	—	—	0	o	—	—
London ...	29.73	40	47	SSW	3	—	—	9	no	—	—
Rochefort ...											

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Sea
Disturb.
(0 to 9.)

5	7	3	—	0	2	3	2	1	—	1	1	3	4	—	—	1	5	5	4	6	1	4	4	—	2	4	4	5	5	4	6	5	—	—	—	—	5	3	3	—	—	4	6	—
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Temperature also has varied very much. Since Saturday it has fallen rapidly in the north and northeast of England.

Rain has fallen since Saturday in the west and south. The sky is moderately clear in the northeast. Overcast elsewhere, with rain continuing in some places. The sea is rough in the SW, moderate to smooth elsewhere.

The barometer still falls everywhere, chiefly in the NW.
The wind is still S^W, and blows freshly in the Irish Channel.

Reports received too late for insertion in their proper places.

Metæorological Office,
 ROBERT H. SCOTT,
 DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 27th

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	29.40	40	34	S	4	4	SW	—	20	—	4
* Skudesnaes ...	29.45	41	40	SE	6	6	S	—	bc	—	4
* Oxo (Christiansund)	29.65	42	40	S	6	4	WSW	—	cr	—	4
Fanö ...	29.64	37	37	S	6	—	—	—	or	—	—
Cuxhaven ...	29.768	34	34	SW	3	4	SW	2	bc	—	0
Shetland (Sumburgh Hd.)	29.088	44	43	S	8	8	SSW	6	oc	0.04	6
Thurso ...	29.058	40	38	S	1	5	SSE	4	e	—	2
Wick ...	29.088	44	43	S	4	4	S	6	e	—	3
Nairn ...	29.198	40	38	L	0	2	SW	1	cb	—	1
Aberdeen ...	29.198	42	40	SSW	4	7	S	8	co	0.02	3
Leith ...	29.238	43	41	SW	2	3	S	2	b	—	—
Shields ...	29.368	41	41	SW	3	5	SSW	6	sw	—	2
Scarborough ...	29.398	43	42	SW	4	2	SW	1	gb	0.04	3
Yarmouth ...	29.578	44	44	S	4	4	SSW	6	e	0.05	4
Ardrossan ...	29.238	45	42	SW	4	6	SW	5	e	0.26	4
Greencastle ...	29.188	41	40	SW	5	6	S	9	o	—	—
Holyhead ...	29.338	44	42	SW	2	5	?ESE	6	e	0.25	—
Liverpool (Bidston Obs.)	29.418	43	41	SW	2	2	SSE	9	co	0.06	2
Valencia ...	29.412	44	42	W	6	7	W	6	p	0.22	5
Roche's Point	29.412	40	38	W	4	7	SSW	4	oxy	0.35	4
Pembroke ...	29.428	47	44	WSW	6	8	SW	9	mgv	0.34	4
Scilly ...	29.602	46	44	WSW	7	9	W	6	gfe	0.30	7
Plymouth ...	29.568	45	44	W	5	5	W	7	e	0.26	1
Portsmouth ...	29.608	46	45	SW	4	5	SSW	6	oc	0.04	4
Dover ...	29.648	45	44	SW	5	5	WSW	7	sw	0.50	4
London ...	29.578	46	46	SW	2	5	SW	8	re	0.04	—
Helder ...	29.68	39	—	SSW	7	—	—	—	—	—	4
Cape Gris Nez	29.658	42	40	SSW	5	7	SSW	9	o	—	5
Brest ...	—	50	46	WSW	5	5	SSW	7	o	0.08	5
L'Orient ...	29.778	49	45	SW	5	5	SW	4	oc	0.28	5
Rochefort ...	29.938	37	35	SE	4	4	SE	9	cf	—	3
Biarritz ...	29.972	43	39	S	3	3	—	5	f	—	7
Corunna ...	29.43	34	—	SW	6	—	—	—	o	—	4
Brussels ...	29.77	42	—	SSE	4	—	—	—	o	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	30.00	26	—	E	1	—	—	—	f	—	—
Toulon ...	29.938	44	40	SW	1	3	WSW	5	bc	—	3

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	29.05	41	39	S	1	—	—	6	c	—	2
Scarborough ...	29.38	43	42	SW	5	—	—	4	c	—	4
Greencastle ...	29.23	41	41	SW	4	—	—	6	c	—	—
Holyhead ...	29.40	43	42	WSW	1	—	—	1	b	—	4
Valencia ...	29.41	46	43	WSW	4	—	—	5	p	—	—
Scilly ...	—	—	—	—	—	—	—	—	—	—	—
London ...	29.60	49	45	SW	4	—	—	3	b	—	—
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 stations and Fanö do not report rainfall, and their "extreme" wind is an observation taken at 8 p.m.

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EIGHT A.M.

WEATHER REPORT. 1871.

Dec^r 28th*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	29.25	39	38	Z	0	2	SE	—	o	—	5
*Skudesnaes ...	29.43	42	41	SW	6	6	SSW	—	o	—	4
*Oxo (Christiansund)	29.53	43	41	SW	6	8	S	—	re	—	5
Fanø ...	29.68	40	40	SSW	4	—	—	—	o	—	—
Cuxhaven ...	29.79 f	36	36	SW	5	4	S	4	o f	0.04	0
Shetland (Sumburgh Hd.)	29.162	43	42	SSW	7	8	SSW	6	e	—	5
Thurso ...	29.03 f	41	40	SSE	5	2	SSW	7	be	—	3
Wick ...	29.12 f	44	43	SSE	5	4	S	8	eo	—	4
Nairn ...	29.06 f	45	42	WSW	3	0	Z	6	be	—	2
Aberdeen ...	29.19	43	42	S	7	7	S	9	er	0.03	4
Leith ...	29.17 f	45	42	S	3	3	SW	6	oe	0.02	—
Shields ...	29.28 f	42	42	SSW	6	6	SSW	8	eo	—	2
Scarborough ...	29.37 f	42	41	SW	4	5	SW	8	eo	—	4
Yarmouth ...	29.49 f	43	43	S	5	5	SW	8	eo	—	5
Ardrossan ...	29.10 f	47	45	S	6	8	S	8	er	0.25	6
Greencastle ...	29.02 f	44	43	SW	4	5	SW	3	e	0.06	—
Holyhead ...	29.13 f	46	45	SE	3	5	SE	8	er	0.06	—
Liverpool (Bliston Obs.)	29.24 f	45	44	SE	3	4	SSE	9	eo	0.04	3
Valencia ...	29.09 f	44	42	WSW	2	8	SW	5	re	0.66	4
Roche's Point	29.11 f	44	42	?SSW	2	8	SSW	2	ob	0.42	5
Pembroke ...	29.15 f	49	48	S	5	7	SSW	9	o q	0.28	5
Scilly ...	29.19 f	49	48	SW	6	9	SSW	8	o	0.59	7
Plymouth ...	29.29 f	49	49	S	5	6	S	9	er	0.33	3
Portsmouth ...	29.50 f	47	45	SSW	5	5	WSW	7	erq	0.08	4
Dover ...	29.62 f	44	43	SW	5	4	WSW	5	be	0.02	4
London ...	29.51 f	47	45	SSW	6	4	SW	9	pb o	0.03	—
Helder ...	29.72	40	—	SSW	6	—	—	—	—	—	4
Cape Gris Nez	29.65 f	43	41	SSW	7	7	SSW	8	o	—	4
Brest ...	—	50	50	SSW	8	9	SSW	9	r	—	6
L'Orient ...	29.53 f	51	49	SW	8	8	SW	8	o	—	7
Rocheport ...	29.77 f	37	33	S	4	4	S	4	c	—	3
Biarritz ...	29.77 f	48	46	SSW	4	3	S	3	c	—	28
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	29.89	42	—	SW	4	—	—	—	o	—	—
Paris ...	29.76	41	—	S	6	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	29.96	37	—	E	1	—	—	—	g b	—	—
Toulon ...	29.97 f	43	43	N	3	1	N	4	g b	—	3

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	3
Thurso ...	29.06	42	40	SSE	4	—	—	6	oe	—	4
Scarborough ...	29.24	46	45	SSW	5	—	—	8	ro	—	—
Greencastle ...	29.08	43	41	SW	3	—	—	3	c	—	—
Holyhead ...	29.14	45	44	SE	4	—	—	9	r	—	—
Valencia ...	29.19	45	42	WSW	4	—	—	5	re	—	4
Scilly ...	29.14	45	45	WSW	6	—	—	8	o	—	7
London ...	29.42	48	46	SW	4	—	—	9	ro	—	—
Rocheport ...	—	—	—	—	—	—	—	—	—	—	—

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

ck

Thurs. day

During the past night the barometer has fallen fast at the western and southwestern stations, and to a less degree elsewhere. The readings at Thruw and Newcastle are 0.75 in. lower than that at Rochefort.

0 Temperature has risen slightly at almost all stations.
5 The wind again blew hard from the S^W in the south of
3 Ireland and at the entrance of the English Channel last night.
4 but has now subsided. S^W breezes are general, - moderate to
2 fresh in the British Isles, and strong in the west of France.
4 Rain has fallen on our west and south coasts. The sky
- is cloudy generally. The sea continues high at Scilly, and in
2 the Bay of Biscay, rough in the west generally.
4 Warnings issued to the S coast this morning
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L. P. M.
— " —

The barometer has risen slightly in the
W and N, but fallen elsewhere — chiefly on our
E coast. The wind has veered to WNW at
Scilly — but the sea keeps high.

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.

December 29th

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	29.49	39	38	ESE	4	0	Z	—	bc	—	4
* Skudesnaes ...	29.57	42	40	SE	8	6	SSE	—	oc	—	7
* Oxo (Christiansand)	29.77	39	37	SW	8	4	SW	—	oc	—	—
Fanö ...	29.73	32	32	SW	6	—	—	—	f	—	—
Cuxhaven ...	29.767	31	31	S	4	5	SW	3	oc	—	0
Shetland (Sumburgh Hd.)	29.267	43	42	SW	2	8	S	9	to	0.42	5
Thurso ...	29.297	35	33	S	1	4	SSE	4	oc	0.05	1
Wick ...	29.307	38	37	S	3	4	SSE	7	oc	—	3
Nairn ...	29.337	36	34	WSW	1	3	WSW	1	cb	0.04	1
Aberdeen ...	29.397	38	37	WSW	1	7	S	9	to	0.44	2
Leith ...	29.457	41	39	W	3	2	W	6	ocf	0.15	—
Shields ...	29.467	42	41	WNW	3	6	S	8	ct	0.02	3
Scarborough ...	29.537	42	42	W	1	5	SSW	9	of	0.04	2
Yarmouth ...	29.627	41	40	S	4	6	S	4	c	—	4
Ardrossan ...	29.657	44	42	SW	3	6	S	3	c	0.08	3
Greencastle ...	29.437	38	37	WSW	4	4	WSW	3	a	—	—
Holyhead ...	29.587	42	40	SW	2	4	SE	5	to	0.58	—
Liverpool (Bidston Obs.)	29.607	39	38	ESE	2	4	SE	1	ob	0.21	3
Valencia ...	29.617	44	42	WSW	3	5	WSW	4	to	0.02	3
Roche's Point	29.637	38	36	WSW	2	4	NW	2	b	—	3
Pembroke ...	29.647	45	42	WNW	2	6	S	2	cb	0.40	2
Scilly ...	29.757	46	43	NW	5	6	WNW	5	opc	0.05	6
Plymouth ...	29.697	36	36	E	1	8	SSW	1	tf	0.49	2
Portsmouth ...	29.647	42	41	NW	3	6	SSW	4	to	0.12	2
Dover ...	29.627	43	42	SW	3	5	SSW	7	bm	—	2
London ...	29.617	45	45	W	2	5	SW	9	ot	0.04	—
Helder ...	29.66	33	—	S	3	—	—	—	—	—	2
Cape Gris Nez	29.637	40	38	SSW	5	7	SSW	9	o	—	3
Brest ...	—	48	46	NW	4	8	S	9	to	0.41	5
L'Orient ...	29.717	44	42	NNW	4	7	SSW	4	to	0.83	5
Rochefort ...	29.717	45	41	NW	4	5	S	9	co	0.12	3
Biarritz ...	29.787	47	43	N	4	7	S	9	t	0.35	7
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	29.72	35	—	SSE	2	—	—	—	o	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	29.80	34	—	E	1	—	—	—	c	—	—
Toulon ...	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Thurso ...	29.26	40	38	S	2	—	—	5	c	—	2
Scarborough ...	29.66	43	41	W	2	—	—	1	b	—	2
Greencastle ...	29.49	43	41	WSW	5	—	—	2	c	—	—
Holyhead ...	29.68	45	44	SSW	1	—	—	1	b	—	—
Valencia ...	29.70	49	46	WSW	3	—	—	4	c	—	3
Scilly ...	29.06	48	44	WSW	4	—	—	5	c	—	6
London ...	29.79	46	43	WNW	3	—	—	7	c	—	3
Rochefort ...	29.90	46	42	NW	4	—	—	0	b	—	—

EXPLANATION OF THE COLUMNS.

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

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Fri-May

The barometer has now risen in all parts of the British Islands and Norway, chiefly on our south-west coasts, where the change exceeds half an inch; but it has fallen slightly in Holland and at Rochefort. The lowest reading is at Thuroso, being 0.47 in. lower than those at Rochefort, Copenhaven and Oso.

Temperature has fallen except on our north-east coast and at Rochefort. At the latter station it has risen 8° .

The wind has now veered to NW in the west of France and to W in Ireland. In England it is very variable, while in Scotland it is SW^{ly}. In the south of Norway a S^{ly} gale is reported, but in all other places the wind is light to moderate in force.

Rain has fallen generally. The sky has since cleared over the British Isles. The sea is high at Skudesnæle and Biaritz, rough at Lilloe, West and L'Orient, generally smooth elsewhere.

Drums lowered this morning.

2 PM

The barometer has again risen except at Thuroo, mostly in the E of England. Wind is unchanged except at Scilly, where it has backed to WSW.

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.
Decr 28 th	Yanö	29.68	40	40	SSW	4	—	—	—	o	—	—
—	London	29.517	47	45	SSW	6	4	SW	9	bbs	0.03	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

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EIGHT A.M.

WEATHER REPORT. 1871.

Dec 30th

Saturn-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	29.33	42	37	S	2	2	ESE	—	oc	—	4
*Skudesnaes ...	29.53	43	42	SE	6	6	SE	—	rc	—	7
*Oxo (Christiansand)	29.71	43	42	SSW	6	6	S	—	o	—	4
Fanö ...	29.83	37	37	SSW	4	—	—	—	o	—	—
Cuxhaven ...	29.972	34	34	SW	4	5	SE	3	ct	—	0
Shetland (Sumbargh Hd.)	29.108	43	43	SSW	7	7	SW	9	cr	0.61	5
Thurso ...	29.148	43	43	W	2	2	SW	8	cr	0.04	2
Wick ...	29.148	45	44	S	3	4	S	8	co	0.18	3
Nairn ...	29.158	44	43	WSW	2	1	WSW	9	cr	0.04	2
Aberdeen ...	29.198	46	45	SSW	6	6	SSW	9	br	0.04	4
Leith ...	29.308	51	49	SW	3	4	W	9	cr	0.13	—
Shields ...	29.468	45	44	SW	4	4	WSW	8	co	0.11	2
Scarborough ...	29.598	41	40	SW	5	2	W	9	bo	0.08	4
Yarmouth ...	29.588	39	39	S	4	4	NW	3	e	—	4
Ardrossan ...	29.318	50	49	SW	4	1	SW	7	cr	0.41	5
Greencastle ...	29.358	44	43	WNW	4	5	WSW	8	ro	0.37	—
Holyhead ...	29.578	49	49	S	2	2	S	8	cr	0.21	—
Liverpool (Bidston Obs.)	29.608	50	47	SSW	4	6	SSW	9	bo	0.10	3
Valencia ...	29.628	47	44	W	4	5	W	3	rc	0.93	4
Roche's Point	29.598	47	46	W	3	6	SW	6	oc	0.42	4
Pembroke ...	29.668	50	50	SSW	4	6	SSW	9	cm	0.11	3
Scilly ...	29.778	52	51	SW	6	6	SW	9	co	0.06	6
Plymouth ...	29.858	49	49	SSW	5	5	SSW	9	cr	0.07	2
Portsmouth ...	29.928	46	44	SW	5	3	NW	7	bc	—	4
Dover ...	29.972	43	42	SW	4	2	NNW	2	b	—	3
London ...	29.898	43	42	SSW	3	5	WSW	8	obe	—	—
Helder ...	29.96	39	—	SSW	6	—	—	—	—	—	2
Cape Gris Nez	29.982	39	39	SW	5	5	SSW	2	ob	—	4
Brest ...	—	49	47	SW	7	7	SW	9	m	—	5
L'Orient ...	30.098	48	44	SW	4	4	N	7	co	—	5
Rochefort ...	30.152	34	32	N	3	4	NW	9	cf	—	3
Biarritz ...	30.202	43	41	S	1	5	N	5	rf	0.32	6
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	30.07	40	—	S	1	—	—	—	c	—	—
Paris ...	30.14	30	—	WSW	2	—	—	—	of	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	30.15	39	—	N	3	—	—	—	o	—	—
Toulon ...	30.162	47	42	NE	1	5	NW	2	rb	0.12	5

2 P.M. REPORT.

Skudesnaes ...	29.36	42	42	SSE	0	—	—	—	or	—	7
Thurso ...	29.19	43	40	WSW	2	—	—	4	c	—	2
Scarborough ...	29.51	48	47	SW	5	—	—	9	or	—	4
Greencastle ...	29.43	41	40	WSW	2	—	—	0	o	—	—
Holyhead ...	29.63	46	45	SSW	1	—	—	1	b	—	4
Valepcia ..	29.69	46	44	WNW	4	—	—	6	hcb	—	6
Scilly ...	29.80	50	49	W	5	—	—	7	oc	—	—
London ...	29.79	47	46	SW	6	—	—	9	c	—	3
Rochefort ...	30.14	46	42	S	4	—	—	—	c	—	—

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 stations and Fanö 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 all the southern stations, while it has fallen in the north; and the reading at Rockfort is 1.05 in. higher than that at Lumburgh Head.

Temperature has risen everywhere, but in the SW of France, and is rather high generally.

The wind has "backed" to SW or S on all but the Irish coasts, and is generally moderate to fresh in force. In Ireland, however, it continues light from W. 25 1 2 3 4

Rain has fallen generally - heavily at Valentia. The sky is very cloudy, and the weather seems very unsettled. The sea is still rough in the SW, and at Ardaraan.

2 P.M.

The barometer has now risen slightly in the W and N but has continued falling in the E. The wind has now veered to W over the S.W. coast of England, and moderated with finer weather. The sea is still rough at Scilly.

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.

Dec 31st

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. 12	40	38	SSW	2	0	Z	—	o	—	3
* Skudesnaes ...	29. 40	39	38	W	6	6	SSW	—	o r	—	7
* Oxo (Christiansand)	29. 50	44	41	W	8	10	SSE	—	r c	—	6
Fano ...	29. 69	39	39	SSW	2	—	—	—	c	—	—
Cuxhaven ...	29. 77.8	37	36	WSW	5	5	SW	8	gsw	0.18	—
Shetland (Sunburgh Hd.)	29. 21.2	37	37	WNW	6	7	W	5	c	0.34	5
Thurso ...	29. 42.2	36	34	SW	3	4	SW	5	c	0.20	3
Wick ...	29. 53.2	46	45	SW	3	4	S	6	o c	—	3
Nairn ...	29. 53.2	36	34	W	2	1	WSW	6	o c	0.11	2
Aberdeen ...	29. 62.2	38	35	W	2	6	SSW	0	cm	0.02	1
Leith ...	29. 73.2	37	35	W	2	3	SW	2	b	0.04	—
Shields ...	29. 79.2	38	36	W	7	7	W	0	cb	0.02	2
Scarborough ...	29. 85.2	35	33	W	3	5	SW	1	o b	0.02	2
Yarmouth ...	29. 97.2	40	38	WSW	4	5	SSW	0	cb	—	3
Ardrossan ...	29. 77.2	40	37	WNW	3	9	WNW	4	gc	0.21	3
Greencastle ...	29. 80.2	38	36	W	4	4	WSW	2	o c	0.36	—
Holyhead ...	29. 98.2	40	37	SW	2	2	SSW	5	c	0.24	—
Liverpool (Bidston Obs.)	29. 94.2	38	36	W	5	6	WNW	5	c	0.21	4
Valencia ...	30. 01.2	44	42	W	6	7	WNW	6	bp	0.49	5
Roche's Point	30. 04.2	44	42	W	4	4	WNW	3	lpc	0.06	4
Pembroke ...	30. 06.2	43	43	WNW	4	7	WNW	7	c	0.07	2
Scilly ...	30. 19.2	46	41	WNW	7	9	WNW	7	gc	0.18	7
Plymouth ...	30. 14.2	41	38	W	2	5	SW	0	r f	0.20	1
Portsmouth ...	30. 07.2	35	37	WNW	3	7	SW	1	rgb	0.08	3
Dover ...	30. 02.2	37	36	WSW	3	6	SW	3	ob	0.10	2
London ...	30. 02.2	34	33	W	1	5	SW	0	rb	0.08	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30. 02.2	41	37	WNW	7	8	SSW	0	rb	0.08	1
Brest ...	—	47	42	—	—	—	—	4	c	0.28	4
L'Orient ...	30. 24.2	43	41	NW	4	5	SW	3	rc	0.16	3
Rochefort ...	30. 20.2	43	41	N	4	4	S	6	c	0.20	3
Biarritz ...	30. 28.2	36	31	N	4	3	N	8	fo	0.12	5
Corunna ...	30. 34	37	—	W	6	—	—	—	ro	—	5
Brussels ...	29. 99	41	—	WSW	4	—	—	—	rc	—	—
Charleville ...	30. 14	38	—	WSW	1	—	—	—	o f	—	—
Paris ...	30. 10	36	—	WSW	2	—	—	—	o	—	—
Lyons ...	30. 16	39	—	SE	1	—	—	—	f	—	—
Toulon ...	30. 11.8	44	42	NE	1	1	NE	6	b	—	5

2 P.M. REPORT.

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

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Sea
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