

EIGHT A.M.

WEATHER REPORT. 1870. April 1st

Friday

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	32	-	ESE	4	2	SW	-	b o	-	0
*Skudesnaes ...	30.21	35	35	ESE	2	0	Z	-	-	-	-
*Oxo (Christiansand)	30.19	32	-	NW	2	-	-	-	2 e	-	1
Thurso ...	30.02 ⁷	44	42	ESE	3	4	SSE	7	b e	-	1
Wick ...	30.00 ⁸	46	45	SSE	3	2	NE	4	e	-	2
Nairn ...	30.00 ⁸	49	46	W	2	1	WSW	3	b m	-	1
Aberdeen ...	30.12 ⁸	46	45	SSW	1	2	SE	8	e o	-	1
Leith ...	30.15 ⁸	47	46	SE	1	1	E	8	e m	-	-
Shields ...	-	47	45	SW	2	2	SW	5	e m	-	2
Scarborough ...	30.23 ⁹	45	43	SW	3	3	SW	7	f e	-	2
Yarmouth ...	30.28 ⁹	38	37	NE	1	2	E	2	e b	-	1
Ardrossan ...	30.16 ⁸	45	43	SW	3	1	W	8	f o	-	3
Greencastle ...	30.11 ⁸	46	45	Z	0	1	SW	5	f e	-	-
Holyhead ...	30.20 ⁸	41	41	SSW	2	3	SSW	9	e f	-	-
Liverpool ...	30.20 ⁸	-	-	ESE	2	1	SSE	6	b e	-	1
Valencia ...	30.16 ⁸	49	46	SW	3	1	WSW	2	b	-	2
Cape Clear ...	30.16 ⁸	46	45	S	2	1	S	1	b	-	1
Roche's Point	30.18 ⁸	48	46	SW	1	2	SW	6	b f e	-	1
Pembroke ...	30.22 ⁸	43	43	Z	0	1	SSE	9	f e	-	1
Penzance ...	30.22 ⁸	44	42	Z	0	4	S	8	f e	-	0
Plymouth ...	30.21 ⁸	43	41	Z	0	2	S	7	e o	-	1
Portsmouth ...	30.22 ⁸	35	34	ESE	1	3	NE	9	e o	-	0
London ...	30.27 ⁸	35	34	E	1	3	NE	9	b f o	-	-
Helder ...	30.29	38	-	NE	2	-	-	-	-	-	3
Cape Gris Nez	30.23 ⁸	36	36	NE	3	4	NNE	2	o e	-	2
Brest ...	-	36	34	ENE	4	5	NNE	0	b	-	3
L'Orient ...	30.18 ⁸	36	34	ENE	5	5	ENE	0	e b	-	3
Rochefort ...	30.10 ⁸	40	38	NE	5	5	NE	9	e o	-	3
Biarritz ...	30.06 ⁸	38	36	?NE	1	5	?NE	7	o f	-	4
Corunna ...	-	-	-	-	-	-	-	-	-	-	-
Brussels ...	-	-	-	-	-	-	-	-	-	-	-
Paris ...	-	-	-	-	-	-	-	-	-	-	-
Strasbourg ...	-	-	-	-	-	-	-	-	-	-	-
Lyons ...	-	-	-	-	-	-	-	-	-	-	-
Toulon ...	29.83 ²	44	42	WSW	4	5	WNW	6	b o	0.16	4
Heart's Content (9 a.m. local time.)	-	-	-	-	-	-	-	-	-	-	-

2 P.M. REPORT.

Skudesnaes ...	-	-	-	-	-	-	-	-	-	-	-
Nairn ...	-	-	-	-	-	-	-	-	-	-	-
Scarborough ...	-	-	-	-	-	-	-	-	-	-	-
Greencastle ...	-	-	-	-	-	-	-	-	-	-	-
Valencia ...	-	-	-	-	-	-	-	-	-	-	-
Penzance ...	-	-	-	-	-	-	-	-	-	-	-
London ...	-	-	-	-	-	-	-	-	-	-	-
Rochefort ...	-	-	-	-	-	-	-	-	-	-	-

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow, or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

72 day

Barometrical readings have decreased a little since yesterday except in Holland, the change being principally noticed in Scotland and Ireland. Pressure is, however, still rather uniform, that at Helder exceeding by about 0.25 in that at Wick and Barmouth.

Temperature has risen somewhat on the north-east and south coasts of G^t Britain, but is little altered elsewhere.

Light SW^y breezes are now reported from Ireland and all our northern stations, with calms in the south-west of England, and moderate NE^y breezes on the Continent.

Aurora is reported from Roche's Point. The sky after clearing in the south yesterday, is again very cloudy, with a good deal of fog in the south-west. The sea is calm.

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.
MARCH												
31 st	Corunna	30.17	49	-	NE	6	-	-	-	6	-	2
-	Brussels	30.25	38	-	NE	6	-	-	-	0	-	-
4	Paris	30.25	34	-	NNE	4	-	-	-	6	-	-
-	Strasbourg	30.20	39	-	NE	3	-	-	-	0	-	-
-	Lyons	29.96	40	-	N	3	-	-	-	0	-	-
-	Hearts Content	30.46 ⁿ	36	35	E	2	3	NE	2	6	-	2
-	Correction											
-	Cape Clear	30.27 ^f	-	-	-	-	-	-	-	-	-	-

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 2nd

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	40	36	SW	6	2	?SE	—	o	—	4
* Skudesnaes ...	30.09	37	37	SSE	4	6	SE	—	o 2	—	4
* Oxo (Christiansand)	30.16	31	—	SE	2	2	ENE	—	o c	—	1
Thurso ...	30.172	41	39	SW	4	6	SW	2	o b	—	2
Wick ...	30.142	44	42	WSW	4	3	WSW	5	c	—	2
Nairn ...	30.182	44	41	W	2	6	W	0	c b	0.03	1
Aberdeen ...	30.222	42	39	WSW	1	2	S	0	c b	0.01	1
Leith ...	30.252	44	41	WSW	3	5	SW	1	c m	—	—
Shields ...	—	45	42	W	2	2	SW	1	m b	—	2
Scarborough ...	30.272	45	44	NW	1	3	SW	2	c b	—	2
Yarmouth ...	30.292	37	36	WSW	1	2	ESE	2	c m	—	1
Aldrossan ...	30.292	43	42	SW	2	3	WSW	4	c	0.08	2
Greencastle ...	30.302	42	40	WSW	1	3	WSW	1	2 b	0.03	—
Holyhead ...	30.282	44	43	NNE	1	2	SWW	7	f c	—	—
Liverpool ...	30.292	—	—	N	2	2	E	8	c o	—	1
Valencia ...	30.292	48	46	NNE	3	4	SW	7	b c	—	2
Cape Clear ...	30.262	48	46	SE	2	2	SW	8	b o	—	1
Roche's Point	30.282	46	43	W	1	2	SW	9	b o	—	1
Pembroke ...	30.252	47	46	Z	0	1	W	9	o f	—	0
Penzance ...	30.272	42	41	Z	0	3	S	0	f b	—	0
Plymouth ...	30.272	40	38	NW	1	3	S	1	c b	—	1
Portsmouth ...	30.242	39	37	Z	0	1	SW	3	c	—	0
London ...	30.282	37	35	Z	0	2	E	2	b f	—	—
Helder ...	30.28	39	—	ESE	2	—	—	—	—	—	2
Cape Gris Nez	30.252	37	35	ENE	1	3	NE	0	c b	—	0
Brest ...	—	37	35	NE	4	4	ANE	3	b	—	3
L'Orient ...	30.182	39	37	ENE	5	5	ENE	6	b c	—	3
Rochefort ...	30.102	43	41	ENE	5	5	NE	6	c	—	2
Biarritz ...	30.042	45	43	SE	3	5	N	8	m f	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	—	—	—	—	—	—	—	—	—	—	—
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Satur-day

Atmospherical pressure has again recovered from the slight decrease noticed in the north yesterday; which has apparently passed on to the Norwegian coast; and readings in our Islands are still high and remarkably uniform.

Temperature has fallen a little at our northern and north-western stations, but a tendency to rise is shown in France and locally in England. Yarmouth is still 11° colder than the south of Ireland.

Calms prevail in the south of the British Islands, with light SW breezes in the north, and light NE winds in France.

The sky is clear except in the south-west, and the weather fine — but foggy in London. The sea is calm.

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
APRIL												
1 st	Corunna	29.99	49	—	NE	1	—	—	—	b	—	2
—	Brussels	30.22	36	—	NE	3	—	—	—	b	—	—
—	Paris	30.14	49	—	NE	2	—	—	—	c	—	—
—	Strasbourg	30.21	41	—	N	6	—	—	—	c	—	—
—	Lyons	29.96	45	—	NE	3	—	—	—	c	—	—
—	Heart's Content	30.24 f	36	34	SW	1	2	E	1	b	—	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Sun-day

April 3rd

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	30.21	35	33	SSW	4	6	WSW	—	o	—	4
*Skudesnaes ...	30.34	37	36	WNW	2	4	WNW	—	cb	—	2
*Oxo (Christiansand)	30.19	—	34	W	2	4	NW	—	cb	—	1
Thurso ...	30.40T	43	41	W	3	5	WNW	0	cb	—	1
Wick ...	30.39T	46	44	SSW	3	3	WNW	7	c	—	2
Nairn ...	30.43T	45	42	WNW	1	3	NW	0	cb	—	1
Aberdeen ...	30.46T	41	39	W	1	1	WSW	5	c	—	1
Leith ...	30.46T	47	44	NW	1	3	NW	1	bm	—	—
Shields ...	—	42	39	NE	2	2	SE	2	c	—	2
Scarborough ...	30.47T	45	43	SSE	1	2	NE	1	cb	—	1
Yarmouth ...	30.49T	38	37	NE	2	2	SE	4	cm	—	2
Ardrossan ...	30.47T	40	39	WNW	1	1	WSW	1	b	0.01	1
Greencastle ...	30.46T	44	43	Z	0	1	NNE	2	bro	0.01	—
Holyhead ...	30.41T	42	41	NNE	1	2	NNE	5	c	—	—
Liverpool ...	30.40T	56	47	SE	1	2	E	0	cb	—	1
Valencia ...	30.44T	48	45	NE	2	3	NNW	1	tbl	—	1
Cape Clear ...	30.38T	47	46	NE	4	1	SE	0	cb	—	1
Roche's Point	30.40T	47	42	E	2	2	E	5	b	—	1
Pembroke ...	30.39T	45	43	E	1	4	N	8	fm	—	0
Penzance ...	30.38T	47	44	ENE	4	4	NE	0	b	—	4
Plymouth ...	30.36T	51	45	ENE	2	3	S	0	b	—	1
Portsmouth ...	30.39T	50	44	E	2	1	ESE	3	bc	—	1
London ...	30.43T	41	37	E	2	0	Z	0	fb	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.38T	39	35	E	1	3	NE	0	b	—	1
Brest ...	—	39	35	NE	4	5	NE	0	b	—	4
L'Orient ...	30.25T	42	38	ENE	5	5	ENE	1	cb	—	2
Rochefort ...	30.17T	40	38	E	4	5	E	0	cb	—	3
Biarritz ...	30.13T	41	39	NE	3	4	N	2	f	—	3
Corunna ...	30.04	51	—	NE	3	—	—	—	b	—	2
Brussels ...	30.35	38	—	NNE	1	—	—	—	b	—	—
Paris ...	30.31	38	—	NE	2	—	—	—	c	—	—
Strasbourg ...	30.36	36	—	NE	3	—	—	—	b	—	—
Lyons ...	30.22	42	—	N	1	—	—	—	b	—	—
Toulon ...	29.62	48	44	NE	3	4	SSE	7	cl	—	2
Heart's Content (9 a.m. local time.)	30.29T	32	—	ENE	2	3	WSW	8	bo	—	3

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ...	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

d.

Sea
Disturb
(0 to 9)

4	2	1	1	2	1	1	—	2	1	2	1	—	—	1	1	1	0	4	1	1	—	1	4
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ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 4th

Monday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturbance (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	30.23	41	39	SW	6	6	SSW	—	o	—	—
*Skudesnaes ...	30.47	37	37	Z	0	2	WNW	—	b f	—	—
*Oxo (Christiansand)	30.30	32	—	NNW	4	4	SW	—	b	—	—
Thurso ...	30.36	38	36	S	2	2	ENE	2	c b	—	1
Wick ...	30.33	46	43	SSW	3	3	NW	7	c	—	2
Nairn ...	30.39	44	41	NW	1	2	E	0	c b	—	1
Aberdeen ...	30.43	39	37	SW	1	3	S	0	b	—	1
Leith ...	30.44	47	44	NNW	1	2	E	1	b m	—	—
Shields ...	—	40	37	WSW	2	2	SE	2	c m	—	2
Scarborough ...	30.52	42	40	SW	3	2	SSE	0	b	—	3
Yarmouth ...	30.56	38	38	ENE	1	2	NNE	2	m	—	1
Ardrossan ...	30.48	43	41	SSE	2	3	NW	8	b o	—	1
Greencastle ...	30.45	44	42	WSW	1	2	W	1	c b	—	—
Holyhead ...	30.48	41	40	SSW	1	2	NNW	0	c m	—	—
Liverpool ...	30.49	—	—	SE	2	1	SE	3	b c	—	1
Valencia ...	30.43	45	43	SSE	1	2	E	1	b	—	0
Cape Clear ...	30.41	44	43	NE	4	4	ESE	0	c b	—	2
Roche's Point	30.45	47	41	Z	0	2	SE	2	b	—	0
Pembroke ...	30.48	42	39	ESE	3	3	E	7	b c	—	2
Penzance ...	30.47	44	41	SE	4	6	E	0	b	—	4
Plymouth ...	30.46	48	45	E	2	5	E	1	b	—	1
Portsmouth ...	30.48	40	38	E	2	2	E	3	c	—	1
London ...	30.53	37	36	E	2	1	ENE	9	b o	—	—
Helder ...	30.53	39	—	N	2	—	—	—	—	—	2
Cape Gris Nez	30.50	35	35	E	3	4	ENE	0	f b	—	1
Brest ...	—	40	36	E	4	5	? ENE	0	b	—	3
L'Orient ...	30.35	42	40	E	4	5	S	0	b	—	2
Rochefort ...	30.26	43	39	E	4	4	E	0	b	—	3
Biarritz ...	30.23	55	53	SE	1	5	E	2	c f	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.17	48	44	—	1	3	SSE	0	b	—	2
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Mon. day

Barometrical pressure has increased at all stations since Saturday, and is still high and very uniform; but a slight decrease occurred in Scotland last night.

The reading at Yarmouth is 0.33 in. higher than those at Biarritz and Christiansund.

Temperature has varied somewhat, but differs very little from that of Saturday, except being rather higher at the southern stations.

The SW^{ly} breezes in the north have become very variable and light; while the E^{ly} current has extended to the southern parts of our Islands, but is light or moderate in force.

The sky is clear on the whole, and the weather fine.

The sea is calm.

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.
APRIL												
2 ND	Corunna	30.02	48	—	NE	3	—	—	—	b	—	2
—	Brussels	30.26	36	—	ENE	3	—	—	—	b	—	—
2	Paris	30.23	39	—	NE	2	—	—	—	b	—	—
—	Strasbourg	30.34	36	—	NE	1	—	—	—	b	—	—
—	Lyon	30.04	47	—	N	3	—	—	—	c	—	—
—	Hearts Cont ^t	30.16+	33	32	NW	1	1	SW	1	b	—	1

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 5th

Tuesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 4.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.96	46	39	SSW	4	3	SSW	—	o	—	3
*Skudesnaes ...	30.28	39	38	ESE	4	2	S	—	oc	—	3
Oxo (Christiansand)	30.31	37	36	SW	4	4	WSW	—	c	—	2
Thurso ...	30.08	46	42	SW	2	3	WSW	5	mc	—	1
Wick ...	30.06	46	44	SSW	3	3	SSW	7	c	—	2
Nairn ...	30.12	47	44	W	3	1	SW	7	co	—	2
Aberdeen ...	30.21	41	39	S	1	2	S	0	b	—	1
Leith ...	30.23	50	44	W	3	2	W	1	bm	—	—
Shields ...	—	46	43	SW	2	2	S	2	c	—	2
Scarborough ...	30.37	42	40	SW	3	4	SSE	0	b	—	3
Yarmouth ...	30.43	38	38	WSW	1	2	ENE	2	cm	—	1
Ardrossan ...	30.20	46	42	SW	3	2	WSW	2	cb	—	3
Greencastle ...	30.26	46	42	WSW	2	1	WSW	1	cb	—	—
Holyhead ...	30.35	44	42	SSW	1	2	SSW	3	bc	—	—
Liverpool ...	30.35	—	—	SE	2	2	SE	0	b	—	1
Valencia ...	30.31	46	43	SSE	4	4	SSW	0	b	—	2
Cape Clear ...	30.31	47	46	S	3	5	SE	7	bc	—	1
Roche's Point	30.32	42	40	SSW	2	2	SE	5	bc	—	0
Pembroke ...	30.35	41	39	E	1	4	ESE	1	bm	—	0
Penzance ...	30.36	42	41	Z	0	5	ESE	0	b	—	1
Plymouth ...	30.34	45	41	Z	0	4	ESE	1	bf	—	1
Portsmouth ...	30.34	43	40	ESE	1	3	SSE	3	b	—	1
London ...	30.41	36	35	Z	0	3	ESE	9	bf	—	—
Helder ...	30.45	41	—	SSE	2	—	—	—	—	—	2
Cape Gris Nez	30.39	44	37	SE	4	4	NE	0	b	—	2
Brest ...	—	44	40	E	3	5	ENE	0	b	—	2
L'Orient ...	30.28	43	41	ENE	3	5	E	0	b	—	2
Rochefort ...	30.24	43	41	E	4	4	E	0	b	—	3
Biarritz ...	30.20	54	47	? NE	1	4	? NE	2	cf	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.34	48	46	ESE	5	4	WSW	4	bc	—	4
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day

REMARKS.

yes- day

Pressure has continued to decrease slowly at all stations (except Toulon) since yesterday, especially on the northern coasts. In the north of Scotland the change exceeds 0.25 in., and the reading at Helder is 0.37 in. higher than at Thurso, and 0.49 in. higher than at Christiansund. Temperature has increased in France, Scotland, and Norway, but in England and Ireland there is little change. The SW^{ly} current, though light, has now extended over the greater part of our Islands and the Norwegian coasts; the English Channel is calm and foggy, and light E^{ly} winds still hold in France. The weather is fine; and sea calm.

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.
APRIL 4 th	Corunna	30.15	53	-	NE	1	-	-	-	b	-	2
---	Brussels	30.50	39	-	NNE	3	-	-	-	o	-	-
---	Paris	30.39	39	-	NNE	1	-	-	-	f	-	-
---	Strasbourg	30.55	38	-	NE	1	-	-	-	b	-	-
---	Lyons	30.30	46	-	N	3	-	-	-	b	-	-
---	Heart's Content	30.48+	33	-	ENE	2	2	ENE	8	om	-	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 6th

Wednesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturbance (0 to 9)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.97	32	—	WNW	6	4	WSW	—	oc	—	6
*Skudesnaes ...	30.06	40	40	Z	0	4	S	—	or	—	2
*Oxo (Christiansund)	30.06	37	37	SW	4	6	SW	—	ocf	—	2
Thurso ...	30.037	—	—	ESE	—	—	—	7	2	0.14	0
Wick ...	30.027	43	42	SSW	4	4	W	8	co	0.13	2
Nairn ...	30.017	45	42	NW	1	1	ESE	6	c	—	0
Aberdeen ...	30.047	43	41	SW	1	3	S	3	bc	—	1
Leith ...	30.057	43	41	NW	2	5	W	1	bm	—	—
Shields ...	—	47	43	WSW	2	2	S	2	cm	—	—
Scarborough ...	30.157	44	40	SW	2	3	SSE	0	b	—	2
Yarmouth ...	30.207	41	40	SSW	—	2	SE	2	m	—	1
Ardrossan ...	30.107	44	42	S	2	2	SW	8	co	—	2
Greencastle ...	30.047	48	46	SW	2	2	WSW	7	mc	—	—
Holyhead ...	30.147	43	42	SSW	3	1	SSW	7	bc	—	—
Liverpool ...	30.147	—	—	SW	1	2	SE	—	bf	—	1
Valencia ...	30.107	44	42	S	4	5	S	6	cm	—	3
Cape Clear ...	30.117	50	49	S	1	1	S	6	bc	—	1
Roche's Point	30.137	49	46	SW	2	2	SW	6	c	—	1
Pembroke ...	30.157	39	39	SE	1	2	SE	9	bf	—	1
Penzance ...	30.177	43	41	Z	0	3	SSW	0	bf	—	0
Plymouth ...	30.197	42	39	Z	0	3	S	—	bf	—	1
Portsmouth ...	30.157	41	39	Z	0	2	SSE	4	bf	—	0
London ...	30.197	38	36	Z	0	2	NE	0	bf	—	—
Helder ...	30.197	45	—	SE	2	—	—	—	—	—	2
Cape Gris Nez	30.177	40	38	Z	0	3	E	0	b	—	1
Brest ...	—	41	37	E	3	3	NE	0	b	—	3
L'Orient ...	30.157	43	41	ENE	5	1	SW	0	b	—	1
Rochefort ...	30.197	46	42	SE	4	4	?NW	0	b	—	3
Biarritz ...	30.137	57	46	S	3	4	—	2	c	—	2
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.357	48	44	E	5	5	E	3	c	—	3
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Wednesday

The high pressures recently noticed in the south and south east of our Islands have given way, and readings after recovering slightly in the north during the latter part of yesterday are now decreasing generally except apparently in the south-west of France. Pressure is very uniform, that at Yarmouth being 8.19 in. higher than at Nairn, and 0.13 in. higher than at Christiansund.

Temperature has changed very irregularly but is highest in Ireland, and the south-west of France - Considerable difference exists between stations near together.

Winds continue light in our Islands, and are chiefly from the SW^W but variable; the Channel is calm, and the moderate NE^W breeze holds in the Bay of Biscay.

The sky is free from cloud except in the north, but fog is very prevalent in the south west and south of the British Isles. The sea is calm.

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.
APRIL												
5 TH	Corunna	30.15	54	-	NE	3	-	-	-	b	-	2
--	Brussels	30.40	41	-	NNE	3	-	-	-	b	-	-
--	Paris	30.33	39	-	ENE	1	-	-	-	b	-	-
--	Strasbourg	30.56	38	-	N	3	-	-	-	b	-	-
--	Lyon	30.12	47	-	SE	3	-	-	-	b	-	-
--	St. Ant's Content	30.32f	41	40	S	5	5	5	6	c	-	5

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 7th

Thurs. day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturbance (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.80	34	33	Z	0	? 8	WSW	—	o	—	—
* Skudesnaes ...	29.73	38	37	SE	4	0	Z	—	ca	—	3
* Oxo (Christiansand)	29.76	30	—	NNW	2	4	SW	—	cof	—	1
Thurso ...	29.74	40	38	WSW	5	3	SE	3	c	0.18	2
Wick ...	29.75	40	38	WSW	5	4	SSW	3	c	0.03	3
Nairn ...	29.83	44	40	W	3	1	WSW	3	oc	0.04	1
Aberdeen ...	29.85	44	43	W	2	1	SW	1	b	—	2
Leith ...	29.90	45	40	W	5	5	W	1	cb	—	—
Shields ...	—	47	42	NW	2	2	NW	1	b	—	2
Scarborough ...	29.97	45	43	W	1	2	SW	7	bc	—	2
Yarmouth ...	30.03	45	43	WSW	2	3	SE	0	cb	—	1
Ardrossan ...	29.96	44	41	WSW	4	3	SVY	5	e	—	2
Greencastle ...	29.94	41	39	WSW	1	2	WNW	1	rb	0.01	—
Holyhead ...	30.01	45	44	SSW	2	3	SSW	9	co	—	—
Liverpool ...	30.01	—	—	SW	1	1	SW	6	bc	—	1
Valencia ...	30.05	49	47	SSW	3	4	SSW	7	m	—	2
Cape Clear ...	30.00	48	47	S	1	2	SSW	2	cb	—	1
Roche's Point	30.02	47	45	SSW	1	3	SW	4	bmc	—	0
Pembroke ...	29.99	43	43	Z	0	1	SSW	9	f	—	1
Penzance ...	30.06	45	41	Z	0	3	SSW	0	fb	—	0
Plymouth ...	30.07	45	42	NW	1	3	S	3	bf	—	1
Portsmouth ...	30.04	42	30	Z	0	1	S	4	e	—	0
London ...	30.07	41	38	SW	1	3	SW	0	fbw	—	—
Helder ...	29.87	43	—	WSW	3	—	—	—	—	—	2
Cape Gris Nez	30.06	42	38	W	3	1	W	0	fb	—	3
Brest ...	—	46	41	E	3	3	E	2	br	—	3
L'Orient ...	30.08	45	45	E	3	4	S	2	cm	—	2
Rochefort ...	30.11	44	42	SE	4	5	NE	0	b	—	3
Biarritz ...	30.08	54	47	SE	4	5	S	0	cf	—	2
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	—	—	—	—	—	—	—	—	—	—	—
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...
Nairn ...
Scarborough ...
Greencastle ...
Valencia ...
Penzance ...
London ...
Rochefort ...

BAROMETRE 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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

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REMARKS.

Thursday

Barometrical pressure has again decreased at all stations, the change varying from about 0.3 in. in the southern part of Norway to 0.1 in. in the south-west of England. It is even less in the Bay of Biscay. The highest reading is now at Rochefort, and exceeds by 0.37 in. those at Thurso and Skudesnaes.

Temperature has risen slightly in England and the north of France but fallen at nearly all other stations. It is rather uniform in our Islands between 40° and 49° .

The Channel remains calm but is less foggy than of late. Light to moderate SW^{ly} and W^{ly} breezes prevail to the north of this region, moderate E^{ly} winds to the southward.

A little rain has fallen in Scotland. The sky is overcast in Norway, clear elsewhere. The sea is calm.

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.
APRIL												
6 TH	Corunna	30.07	55	—	NE	1	—	—	—	b	—	2
—	Brussels	30.18	41	—	ENE	3	—	—	—	bm	—	—
—	Paris	30.18	39	—	ENE	2	—	—	—	b	—	—
—	Strasbourg	30.43	46	—	S	1	—	—	—	e	—	—
—	Lyons	30.32	52	—	S	3	—	—	—	b	—	—
—	Heart's Content	30.087	43	41	N	2	4	S	9	of	0.06	3
<u>Corrections</u>												
—	Thurso	—	41	40	—	2	—	—	—	—	—	—
—	Biarritz	—	—	—	—	—	—	E	—	—	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

April 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	29.68	32	—	ENE	6	6	NE	—	b	—	4
* Skudesnaes ...	29.70	39	39	S	4	4	W	—	no	—	3
* Oxo (Christiansand)	29.75	36	38	ENE	4	6	W	—	bc	—	1
Thurso ...	29.38f	43	41	ESE	4	—	—	7	c	—	4
Wick ...	29.38f	44	43	SSW	4	4	WSW	6	c	—	3
Nairn ...	29.39f	44	42	SW	1	4	W	6	oc	0.02	1
Aberdeen ...	29.36f	45	43	SSW	3	1	W	3	bc	—	1
Leith ...	29.48f	45	42	SW	4	5	W	6	bc	0.02	—
Shields ...	—	57	46	?NW	5	2	NW	1	b	—	2
Scarborough...	29.66f	50	46	SSW	3	1	W	7	c	—	2
Yarmouth ...	29.78f	48	45	SSE	2	3	ENE	2	cb	—	1
Ardrossan ...	29.51f	44	39	SW	5	8	SW	8	co	0.04	4
Greencastle ...	29.48f	40	38	WSW	3	5	SW	8	no	0.16	—
Holyhead ...	29.60f	46	45	SSW	4	3	SSW	9	ct	—	—
Liverpool ...	29.68f	—	—	S	2	1	SW	3	bc	—	1
Valencia ...	29.69f	47	44	WSW	3	4	SW	6	ncp	0.03	3
Cape Clear ...	29.61f	47	45	WNW	4	4	S	6	c	0.07	2
Roche's Point	29.61f	46	44	SW	2	3	SW	6	cp	—	1
Pembroke ...	29.65f	46	45	SSW	4	3	SSW	9	fo	—	3
Penzance ...	29.74f	50	47	SW	1	4	S	6	bc	—	2
Plymouth ...	29.74f	49	47	SW	3	4	S	9	bo	—	2
Portsmouth ...	29.76f	48	45	S	1	1	S	5	c	—	1
London ...	29.77f	57	46	SW	2	2	SW	2	b	—	—
Helder ...	29.83	45	—	S	3	—	—	—	—	—	2
Cape Gris Nez	29.82f	48	46	S	1	3	W	4	fc	—	3
Brest ...	—	48	46	WSW	3	4	—	9	o	—	3
L'Orient ...	29.84f	47	47	S	1	4	S	9	co	—	1
Rochefort ...	29.86f	46	44	ESE	5	4	NW	4	bc	—	3
Biarritz...	29.75f	49	45	SE	4	5	?NE	2	cf	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.95f	47	42	ENE	4	7	SSE	1	nf	0.32	4
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Fri. day

Atmospherical pressure has continued to decrease briskly at all stations, especially in the north west of our Islands, where the change is nearly half an inch since yesterday morning. Readings have thus become low in Scotland, that at Thurso being 0.40 in. less than that at Oso, and 0.57 in. less than that at Roshefort.

Temperature has risen in England and Central France—mostly in London.

The wind has backed to SW in Scotland and it blew hard at Ardrossan about midnight. Moderate or light E^{ly} breezes are now general on our coasts and the north of France, and at Thurso the wind is ESE. At the southern French stations moderate E^{ly} breezes are still reported.

A little rain has fallen at some of the western stations, and the sky has become very cloudy in most places. The sea is calm generally.

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.	
APRIL									
7 TH	Corunna	30.03	55	NE	3	—	c	—	2
—	Brussels	30.07	44	WSW	3	—	bm	—	—
—	Paris	30.10	46	S	2	—	c	—	—
—	Strasbourg	30.27	49	S	3	—	c	—	—
—	Lyon	30.20	57	S	3	—	c	—	—
—	Heart's Content	30.23r	34	34	NNE	2	4	NNE	8 fm 0.05 3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 9th

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	29.60	37	32	ENE	6	6	E	—	c	—	4
* Skudesnaes ...	29.56	44	41	ESE	6	4	S	—	o	—	4
* Oxo (Christiansand)	29.72	38	37	NE	6	6	NE	—	oc	—	—
Thurso ...	29.33 ^f	39	37	WSW	2	5	SW	0	mb	—	0
Wick ...	29.35 ^f	41	39	W	3	3	SSW	3	c	—	2
Nairn ...	29.37 ²	41	39	W	1	4	SW	1	b	—	1
Aberdeen ...	29.42 ^f	41	40	SSE	1	4	S	1	cb	—	1
Leith ...	29.39 ^f	41	39	E	2	4	SW	6	bc	0.13	—
Shields ...	—	45	43	NNE	2	2	SW	36	o	—	2
Scarborough ...	29.46 ^f	47	45	SSW	3	3	SSW	3	c	—	3
Yarmouth ...	29.59 ^f	45	45	SSE	4	5	SE	6	c	0.22	3
Ardrossan ...	29.39 ^f	42	39	ENE	3	4	ESE	7	c	0.11	2
Greencastle ...	29.36 ^f	44	41	ENE	1	4	WSW	8	20	0.08	—
Holyhead ...	29.32 ^f	45	44	SSE	4	5	SSW	7	c	0.16	—
Liverpool ...	29.37 ^f	—	—	SE	1	2	SE	8	cr	0.20	1
Valencia ...	29.37 ^f	46	44	NNW	5	6	NW	6	hp	0.26	4
Cape Clear ...	29.26 ^f	45	42	NW	8	6	W	6	gpe	0.17	6
Roche's Point	29.18 ^f	42	41	NNW	8	8	SW	9	pgz	0.26	5
Pembroke ...	29.32 ^f	—	—	—	5	5	SSW	4	oc	0.22	3
Penzance ...	29.45 ^f	48	44	WSW	4	6	SW	4	c	0.07	4
Plymouth ...	29.45 ^f	49	46	SW	5	5	SSW	9	c/po	0.11	4
Portsmouth ...	29.51 ^f	50	47	SSW	2	2	W	7	c	—	1
London ...	29.55 ^f	48	46	SSW	2	3	SW	9	b/po	—	—
Helder ...	29.64	48	—	SSW	2	—	—	—	—	—	2
Cape Gris Nez	29.58 ^f	48	44	W	1	3	W	5	c	—	1
Brest ...	—	47	45	N	4	5	SSW	9	2	0.24	4
L'Orient ...	29.63 ^f	46	46	SSW	4	4	WNW	4	c	—	2
Rochefort ...	29.70 ²	51	49	S	4	4	SE	9	co	—	3
Biarritz ...	—	—	—	—	—	—	—	—	—	—	—
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.82 ^f	50	48	E	5	4	ESE	7	bo	—	4
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Saturday

Pressure has continued to decrease at nearly all stations, and is low generally. During last night a depression of limited area crossed the south of Ireland from the westward, and is now situated over the southern part of the Irish Channel. The lowest reading is found at Roche's Pt., and is 0.22 in. less than at Valencia, 0.44 in. less than at Yarmouth, and 0.55 in. less than at Rochefort.

Temperature is rather lower than it was yesterday at most stations, but is uniform between 40° and 50°.

The winds continue light from the Wnd in the north of Scotland, but in other parts of our Islands they circulate round the depression above noticed; being generally light, but blowing hard in the immediate neighbourhood of the minimum baric readings.

Rain has fallen in England, where the weather is unsettled.

The sky is clear in Scotland, cloudy elsewhere. The sea is rough in the south-west.

Warnings issued to the Welch coasts and the Bristol Channel.

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.
APRIL 8 TH	Brussels	29.91	49	-	SSW 3	-	c	-	-
-	Paris	29.86	43	-	SE 1	-	c	-	-
4	Strasbourg	30.10	50	-	SE 1	-	c	-	-
-	Lyons	30.00	50	-	S	-	b	-	-
-	Heart's Content	29.907	37	37	ESE 5	5 ESE 8	ftg	0.18	5

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Sun-day

April 10th.

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	29.50	47	40	SSE	2	0	Z	—	o	—	2
* Skudesnaes ...	29.51	41	39	ESE	6	6	SSE	—	OT	—	4
Oxo (Christiansand)	29.62	39	38	SE	8	6	SE	—	OT	—	5
Thurso ...	29.38f	43	40	NW	5	4	SSE	3	mc	—	1
Wick ...	29.45r	45	44	NNW	6	4	SSE	7	c	—	3
Nairn ...	29.51r	45	42	NW	2	1	W	6	bc	—	1
Aberdeen ...	29.50r	41	40	NW	4	2	SE	6	rc	0.50	2
Leith ...	29.59r	49	42	NW	4	2	E	1	cb	—	—
Shields ...											
Scarborough ...	29.61r	46	44	W	3	4	S	6	roc	0.34	3
Yarmouth ...	29.72r	46	43	W	4	4	SW	4	c	—	3
Ardrossan ...	29.63r	44	41	NW	4	4	E	4	c	0.08	3
Greencastle ...	29.76r	46	42	NW	4	5	NW	5	brc	0.11	—
Holyhead ...											
Liverpool ...	29.63r	—	—	W	1	2	SW	7	OT	0.23	1
Valencia ...	29.97r	46	44	N	4	4	NNW	4	cp	0.03	3
Cape Clear ...	29.93r	47	44	NW	4	4	N	4	bc	—	2
Roche's Point	29.93r	48	44	NNW	6	8	NNW	9	o	—	4
Pembroke ...	29.81r	44	41	WNW	6	8	WSW	3	oc	0.11	3
Penzance ...	29.97r	49	44	NW	4	7	W	5	phe	—	4
Plymouth ...	29.92r	47	45	W	3	7	W	5	pc	—	3
Portsmouth ...	29.81r	47	43	NW	4	5	WSW	5	c	0.10	3
London ...	29.77r	46	43	W	3	7	SW	7	rbc	0.14	—
Helder ...											
Cape Gris Nez	29.75	42	40	W	5	5	—	4	rc	0.05	4
Brest ...	—	47	45	NNW	3	5	WNW	1	ob	0.03	3
L'Orient ...	29.96r	46	46	WNW	4	5	? W	6	rc	0.03	3
Rochefort ...	30.01r	49	47	W	4	5	W	4	c	0.03	3
Biarritz ...	30.06r	52	50	W	4	7	W	8	rm	0.28	5
Corunna ...	30.09	56	—	SW	1	—	—	—	m	—	—
Brussels ...	29.77	46	—	WSW	3	—	—	—	ro	—	—
Paris ...	29.87	43	—	SSW	1	—	—	—	c	—	—
Strasbourg ...	30.00	56	—	SW	1	—	—	—	r	—	—
Lyons ...	29.97	58	—	S	3	—	—	—	r	—	—
Toulon ...	29.96r	48	44	? NE	4	7	ENE	8	r	0.07	3
Heart's Content (9 a.m. local time.)	29.96r	37	36	NW	1	4	WNW	2	fgb	—	2

2 P.M. REPORT.

Skudesnaes ...
Nairn ...
Scarborough ...
Greencastle ...
Valencia ...
Penzance ...
London ...
Rochefort ...

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Sea
Disturb
(0 to 9.)

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DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 11th

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	29.44	39	-	SSE	2	10	W	-	o	-	3
*Skudesnaes ...	29.72	40	39	SSW	4	6	SSE	-	zo	-	3
*Oxo (Christiansand)	29.77	39	38	SW	4	4	S	-	oe	-	3
Thurso ...	29.792	43	40	SW	5	6	WNW	7	oe	0.11	1
Wick ...	29.802	44	43	WNW	5	6	NNW	8	eo	0.05	3
Nairn ...	29.862	44	41	NW	2	4	NW	2	ob	0.02	1
Aberdeen ...	29.882	40	39	NW	2	5	NW	6	c	0.02	2
Leith ...	29.932	40	44	WNW	5	6	WNW	6	be	-	-
Shields ...	-	49	46	NW	6	4	NW	1	rb	?	3
Scarborough...	29.992	49	47	W	2	1	NW	1	cb	0.05	2
Yarmouth ...	30.052	45	43	NW	2	4	SW	6	egm	0.19	2
Ardrossan ...	29.972	47	45	W	3	6	NW	5	c	0.02	2
Greencastle ...	29.992	46	45	WSW	2	5	NW	5	pil	0.02	-
Holyhead ...	30.092	47	45	WSW	3	5	WSW	9	co	-	-
Liverpool ...	30.08	-	-	W	3	2	W	6	oe	-	2
Valencia ...	30.105	50	47	WSW	3	4	NW	5	p	0.02	2
Cape Clear ...	30.112	49	47	SW	3	4	NW	8	co	-	1
Roche's Point	30.122	49	46	NW	1	6	NNW	7	oe	-	1
Pembroke ...	30.122	45	44	WNW	3	6	W	7	c	-	2
Penzance ...	30.212	49	47	W	2	5	NW	8	co	-	2
Plymouth ...	30.192	46	44	Z	0	6	WNW	7	cg	-	1
Portsmouth ...	30.142	45	43	WNW	1	5	WNW	3	oe	-	1
London ...	30.122	44	42	WNW	2	6	WNW	7	hrc	0.08	-
Helder ...	30.01	43	-	W	2	-	-	-	-	-	2
Cape Gris Nez	30.122	41	39	W	3	5	W	4	a	0.04	2
Brest ...	-	47	45	NW	1	4	NW	6	be	-	3
L'Orient ...	30.292	39	39	E	3	5	NW	9	cg	-	2
Rochefort ...	30.252	44	42	NW	4	5	NW	0	eb	-	3
Biarritz...	30.242	52	50	Z	0	4	NW	5	fz	-	3.6
Corunna ...	30.21	54	-	SW	1	-	-	-	b	-	2
Brussels ...	30.09	44	-	SW	3	-	-	-	c	-	-
Paris ...	30.16	41	-	WNW	1	-	-	-	c	-	-
Strasbourg ...	30.27	45	-	SW	3	-	-	-	c	-	-
Lyons ...	30.16	43	-	N	3	-	-	-	b	-	-
Toulon...	29.967	46	42	NW	5	5	NNW	1	eb	-	3
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London...											
Rochefort ...											

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

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REMARKS.

Monday

Yesterday morning pressure had risen very considerably at most stations especially those in the south (where the readings were highest) and the local depression of Saturday had disappeared. To day this rise has extended to our more northern stations, but has ceased in Ireland.

The barometer still reads highest on the southern coasts, and at Lorient exceeds by 0.5 in: the reading at Thurso.

Temperatures has not changed much since Saturday.

The winds had all veered to W or NW on Sunday morning, and were blowing generally moderate to fresh, with cloudy weather and showers of rain and hail on the southern coasts. To day they have fallen light, and are backing again, being already WSW in the west of Ireland.

Slight thunder and lightning were observed in London yesterday afternoon, and lightning is reported from Greenacote this morning.

The sky is generally cloudy, and weather rather unsettled.

The sea is calm.

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.
APRIL									
9 TH	Biarritz	29.77	47	45	W 8	8	WSW 8	n	0.16 5
--	Brunels	29.68	52	--	SWW 3	--	--	--	--
--	Paris	29.63	48	--	SSW 7	--	--	--	--
--	Strasbourg	29.95	47	--	SW 3	--	--	--	--
--	Lyon	29.81	53	--	SSE 3	--	--	--	--
--	Hart's Continent	29.697	36	36	SSW 2	5	ESE 8	fo	0.10 3
--	Correction								
--	Pembroke	--	45	43	5	--	--	--	--

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 12th

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	29.91	42	39	SSE	2	6	? WSW	—	c b	—	2
* Skudesnaes ...	29.98	40	39	ENE	2	4	WNW	—	c b	—	3
* Oxo (Christiansand)	29.93	35	—	N	6	6	W	—	b	—	2
Thurso ...	29.41 ^f	47	45	S	4	5	W	7	c	0.18	1
Wick ...	29.73 ^f	45	44	SSE	4	4	WNW	8	o	0.15	2
Nairn ...	29.75 ^f	51	47	? NW	3	2	NW	7	c o	0.02	2
Aberdeen ...	29.85 ^f	45	44	SW	1	1	SE	9	c r	0.15	1
Leith ...	29.91 ^f	50	46	WSW	5	5	W	7	e	—	—
Shields ...	—	45	42	WSW	4	3	NW	6	o	—	2
Scarborough...	30.07 ^z	48	45	WSW	2	2	WNW	7	c	—	2
Yarmouth ...	30.17 ^z	48	45	WSW	2	3	SSE	6	c	—	2
Ardrossan ...	29.93 ^f	47	45	SW	6	3	SE	8	c r	0.02	5
Greencastle ...	29.85 ^f	47	47	SW	3	4	WSW	9	c r	0.12	—
Holyhead ...	30.05 ^f	47	45	SSW	6	3	SW	8	c o	—	—
Liverpool ...	30.07 ^f	—	—	W	2	2	W	5	c	0.03	1
Valencia ...	29.94 ^f	51	50	SSW	6	6	SW	9	c o r	0.09	5
Cape Clear ...	29.99 ^f	50	48	SW	7	4 ^f	SW	9	o	—	5
Roche's Point	30.01 ^f	50	48	SW	6	6	SW	9	c o	—	4
Pembroke ...	30.10 ^f	47	44	SSW	4	4	SSW	9	o	—	2
Penzance ...	30.17 ^f	50	46	SW	4	6	NW	7	c	—	4
Plymouth ...	30.21 ^f	50	48	WSW	2	4	WSW	7	c o	—	1
Portsmouth ...	30.21 ^z	46	43	Z	0	3	WNW	2	c b	—	0
London ...	30.20 ^z	45	42	WSW	2	3	W	3	c b m	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.21 ^z	42	40	SW	1	3	W	4	c	—	1
Brest ...	—	46	44	SE	3	3	SE	0	b	—	3
L'Orient ...	30.26 ^f	44	44	E	3	4	N	0	c b	—	1
Rochefort ...	30.25 ^f	47	45	E	4	5	NW	0	b	—	3
Biarritz...	30.20 ^f	46	44	E	1	5	N	0	c f	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.00 ^z	56	43	NE	3	5	WSW	2	b	—	3
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

Sea
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(0 to 9.)

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EIGHT A.M.

WEATHER REPORT. 1870. April 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	29.60	44	42	SSW	2	4	SSE	—	o	—	4
* Skudesnaes ...	29.82	40	40	S	6	6	S	—	o f	—	4
* Oxo (Christiansand)	29.92	39	39	SSE	4	2	E	—	o r	—	2
Thurso ...	29.842	44	41	WSW	5	5	SW	3	c	0.18	1
Wick ...	29.852	47	44	WNW	6	4	SSE	5	c	0.13	2
Nairn ...											
Aberdeen ...											
Leith ...	30.012	51	47	W	4	4	SW	6	c m	0.02	—
Shields ...		49	46	NW	5	6	SW	2	c	—	4
Scarborough ...	30.092	50	49	W	2	3	WSW	9	o	—	2
Yarmouth ...	30.182	48	46	SW	3	3	W	6	c m	—	3
Ardrossan ...	30.092	50	47	W	3	3	WSW	4	c	0.12	2
Greencastle ...	30.072	48	47	WSW	1	3	SW	5	2 c	0.05	—
Holyhead ...	30.132	47	47	SSW	3	6	SSW	9	o r	0.20	—
Liverpool ...	30.122	—	—	W	2	2	W	8	c o	0.02	1
Valencia ...	30.122	52	52	SW	4	6	SSW	9	f r	0.89	3
Cape Clear ...	30.112	50	49	SW	3	6	SW	9	m	0.29	2
Roche's Point	30.132	49	49	SW	4	6	SW	9	m	0.32	3
Pembroke ...	30.202	47	46	SSW	4	5	S	7	o c	0.03	3
Penzance ...	30.252	51	49	SSW	4	4	SW	6	c	—	4
Plymouth ...	30.272	52	49	SW	2	3	SW	7	c o	—	1
Portsmouth ...	30.242	48	46	W	2	2	W	5	c	—	1
London ...	30.222	49	46	WNW	3	4	W	9	c b o	—	—
Helder ...	30.15	46	—	SW	2	—	—	—	—	—	2
Cape Gris Nez	30.252	42	40	—	3	4	—	5	c	—	2
Brest ...	—	46	44	E	3	4	SSE	4	b	—	3
L'Orient ...	30.312	41	39	E	3	3	SW	2	b c	—	2
Rochefort ...	30.292	47	45	E	1	5	N	0	b	—	3
Biarritz ...	30.252	53	51	S	3	4	N	0	b f	—	3
Corunna ...	30.20	55	—	NE	3	—	—	—	c f	—	2
Brussels ...	30.22	46	—	SSW	—	—	—	—	o	—	—
Paris ...	30.02	44	—	SSW	1	—	—	—	f c	—	—
Strasbourg ...	30.40	47	—	W	6	—	—	—	c b	—	—
Lyons ...	30.18	51	—	S	1	—	—	—	b	—	—
Toulon ...	30.122	57	46	NNW	1	3	—	1	b	—	3
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London ...											
Rochefort ...											

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Wednesday

Barometrical readings have now recovered from the depression noticed in the north west yesterday, and decrease uniformly from 30.31 ins. at L'Orient to 29.84 ins. at Thurso. At Christiansund the barometer stands at 29.60 ins. having fallen about 0.3 in. since yesterday.

Temperature is hardly changed.

The winds have moderated generally, and veered to W on the east coasts of Gt. Britain, but remain SW^{ly} in Ireland and the Irish Channel.

In the Bay of Biscay light E^{ly} breezes continue.

A considerable amount of rain with much fog and mist is reported from the south of Ireland, and some rain from our western coasts generally. The sky is still overcast except in France, where it is clear. The sea is calm.

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.
APRIL												
12 TH	Helder	30.14	45	—	SW	2	—	—	—	—	—	2
—	Corunna	30.13	55	—	SW	3	—	—	—	b	—	2
—	Brussels	30.21	44	—	SSW	3	—	—	—	c	—	—
—	Paris	30.24	43	—	W	1	—	—	—	b	—	—
—	Strasbourg	30.38	41	—	SW	1	—	—	—	b	—	—
—	Lyons	30.20	48	—	N	3	—	—	—	b	—	—
—	Heart's Content	30.287	47	43	SSW	2	2	SSW	2	b	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

April 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	29.67	33	—	WNW	6	10	SW	—	coh	—	4
* Skudesnaes ...	29.76	41	38	NNW	6	4	WSW	—	bo	—	3
* Oxo (Christiansand)	29.76	39	38	SW	2	6	SW	—	cof	—	1
Thurso ...	30.11+	42	37	NNW	4	6	WSW	7	oc	0.18	3
Wick ...	30.12+	43	40	NNW	4	6	W	8	co	0.12	3
Nairn ...	30.16+	45	42	WNW	1	5	WNW	2	ob	0.19	1
Aberdeen ...	30.16+	43	39	NW	2	1	W	4	c	—	1
Leith ...	30.18+	50	46	NNW	2	4	W	4	cm	—	—
Shields ...	—	48	44	ENE	2	2	NW	5	c	—	2
Scarborough ...	30.17+	52	48	N	4	2	W	7	oc	—	4
Yarmouth ...	30.19s	50	48	WSW	3	3	SW	4	mc	0.18	3
Ardrossan ...	30.23+	48	45	NNW	3	5	NNW	4	c	—	3
Greencastle ...	30.27+	52	50	WNW	3	2	W	7	bc	—	—
Holyhead ...	30.31+	47	45	SSW	3	3	SSW	7	rc	0.31	—
Liverpool ...	30.27+	—	—	W	3	3	W	8	o	0.20	2
Valencia ...	30.37+	50	49	NNE	3	3	WSW	1	rft	0.43	2
Cape Clear ...	30.33+	52	51	NW	1	2	SW	6	fc	0.12	0
Roche's Point	30.34+	48	46	N	5	5	N	7	mc	0.06	3
Pembroke ...	30.31+	49	47	NNW	1	4	SSW	4	afc	0.01	2
Penzance ...	30.38+	52	51	W	3	4	S	5	cpf	—	3
Plymouth ...	30.34+	52	52	WNW	2	3	SSW	7	co	—	1
Portsmouth ...	30.27+	57	49	WNW	2	4	W	9	co	—	1
London ...	30.24+	53	50	NW	3	4	WNW	6	brc	—	—
Helder ...	30.08	45	—	WNW	6	—	—	—	—	—	4
Cape Gris Nez	30.25f	43	41	WSW	3	4	WSW	9	co	—	2
Brest ...	—	48	48	NNW	3	3	S	3	bf	—	2
L'Orient ...	30.41+	48	46	WNW	1	3	WSW	2	bc	—	1
Rochefort ...	30.35+	57	49	NE	3	5	NW	0	b	—	3
Biarritz ...	30.37+	58	51	N	1	5	N	0	b	—	3
Corunna ...	30.30	56	—	NE	1	—	—	—	c	—	2
Brussels ...	30.18	49	—	SSW	3	—	—	—	o	—	—
Paris ...	30.26	48	—	WNW	2	—	—	—	o	—	—
Strasbourg ...	30.34	54	—	SW	1	—	—	—	c	—	—
Lyons ...	30.30	54	—	N	3	—	—	—	b	—	—
Toulon ...	30.13+	58	47	NNE	1	1	SW	0	b	—	3
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London ...											
Rochefort ...											

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

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REMARKS.

Thursday

The barometer has continued rising in our Islands since yesterday, and still reads highest at the south-western and southern stations; but a fall has taken place in the southern parts of Norway and also in Holland. The highest pressure is still at L'Orient, exceeding by 0.30 in. that at Thurso, and by 0.74 in. that at Christiansund.

Temperature has risen a little except in the north, where it has fallen. At Christiansund the decrease is 11°.

The winds have veered to the NWnd at nearly all stations, though they remain moderate in force.

The sky is very cloudy in most places, with a great deal of fog and some rain in the south-west. The sea is moderate or calm.

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.
APRIL												
13 th	Hairn	29.905	48	45	WNW	1	2	W	0	cb	0.03	0
---	Aberdeen	29.967	48	45	SW	1	2	SW	3	c	—	1
---	Heart's Content	29.667	63	52	SSW	3	5	SSW	8	bo	0.10	3
<u>Corrections.</u>												
---	Ardrossan	30.067	—	—	—	—	—	—	—	—	—	—
---	Cape Gris Nez	—	—	—	WSW	—	—	WSW	—	—	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

15th April.

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	29.89	35	33	WNW	4	6	WNW	—	s	—	5
* Skudesnaes ...	30.06	40	37	SSW	2	6	NNW	—	oc	—	3
* Oxo (Christiansand)	30.01	36	—	NW	4	0	Z	—	bc	—	2
Thurso ...	30.17 ^r	48	45	SW	5	5	WNW	3	mc	—	2
Wick ...	30.16 ^r	50	47	WNW	6	5	NW	7	cf	—	2
Nairn ...	30.23 ^r	49	46	NW	2	2	WNW	6	c	—	1
Aberdeen ...	30.23 ^r	51	46	NW	1	3	NW	8	co	—	1
Leith ...	30.31 ^r	49	45	W	5	4	NW	7	bc	—	—
Shields ...	—	52	48	NW	2	2	E	2	c	—	2
Scarborough ...	30.32 ^r	53	48	NNW	2	3	NE	8	co	—	2
Yarmouth ...	30.34 ^r	49	46	NNW	4	4	NNE	4	c	—	4
Ardrossan ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	30.41 ^r	49	47	WSW	1	4	WNW	3	oc	—	—
Holyhead ...	30.45 ^r	47	46	WSW	3	3	SSW	5	oc	—	—
Liverpool ...	30.40 ^r	—	—	NW	2	2	W	0	cb	—	1
Valencia ...	30.51 ^r	45	44	NW	3	3	N	1	bm	—	0
Cape Clear ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point	30.48 ^r	45	42	N	1	5	N	2	b	—	1
Pembroke ...	30.39 ^r	45	45	Z	0	2	WNW	7	cf	—	1
Penzance ...	30.48 ^r	50	49	SW	1	4	W	3	f	—	2
Plymouth ...	30.46 ^f	53	51	Z	0	3	NW	1	cb	—	0
Portsmouth ...	30.39 ^r	48	45	N	3	2	N	4	c	—	2
London ...	30.36 ^r	48	45	NNW	1	3	W	4	bc	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	—	—	—	—	—	—	—	—	—	—	—
Brest ...	—	46	44	NE	3	4	NNW	9	f	—	3
L'Orient ...	30.44 ^r	48	46	N	3	5	NW	1	cb	—	2
Rochefort ...	30.38 ^r	49	47	NE	4	5	NW	4	bc	—	3
Biarritz ...	30.38 ^r	54	50	—	3	3	—	0	b	—	4
Corunna ...	—	57	—	NE	1	—	—	—	b	—	2
Brussels ...	30.27	46	—	SSW	3	—	—	—	c	—	—
Paris ...	30.33	46	—	NNW	6	—	—	—	o	—	—
Strasbourg ...	30.40	46	—	NE	3	—	—	—	o	—	—
Lyons ...	30.28	55	—	N	3	—	—	—	b	—	—
Toulon ...	29.96 ^f	58	45	—	7	7	—	3	c	—	3
Heart's Content (9 a.m. local time.)	30.08 ^r	34	33	SSW	1	2	NE	8	bo	0.01	2

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London ...											
Rochefort ...											

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ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 16th

Bazur 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	43	41	WSW	0	6	SSW	—	o	—	4
* Skudesnaes ...	30.24	43	40	NW	4	4	NW	—	oc	—	2
* Oxo (Christiansand)	30.09	42	39	W	4	6	SW	—	ob	—	2
Thurso ...	30.322	50	48	WSW	1	6	WNW	5	mc	—	2
Wick ...	30.352	52	50	W	3	5	WNW	6	c	—	2
Nairn ...	30.382	53	48	W	2	3	NW	2	cb	—	1
Aberdeen ...	30.422	51	46	SSW	1	0	Z	1	b	—	1
Leith ...	30.462	48	45	W	4	5	W	1	b m	—	—
Shields ...	—	54	50	NW	2	3	NW	1	cb	—	2
Scarborough ...	30.452	50	46	WSW	2	2	NE	0	cb	—	2
Yarmouth ...	30.482	49	47	WNW	1	4	N	2	cb	—	2
Ardrossan ...	30.502	46	44	W	2	4	NW	8	bo	—	1
Greencastle ...	30.492	48	47	Z	0	2	NW	9	bo	—	—
Holyhead ...	30.512	47	46	SW	2	3	WSW	8	co	—	—
Liverpool ...	30.51	—	—	SW	1	1	W	6	bg	—	1
Valencia ...	30.51	46	46	ENE	2	3	NW	2	bg	—	0
Cape Clear ...	30.502	48	48	SW	1	1	NW	9	bg	—	0
Roche's Point	30.502	46	43	NNE	1	2	SW	1	b	—	1
Pembroke ...	30.492	42	42	Z	0	2	WNW	4	bg	—	1
Penzance ...	30.532	46	45	NNW	2	3	W	0	f	—	2
Plymouth ...	30.522	53	49	NNW	2	—	—	0	b m	—	1
Portsmouth ...	30.482	49	46	Z	0	3	N	3	c	—	0
London ...	30.512	48	45	NW	1	2	NW	9	cbf	—	—
Helder ...	30.49	45	—	NW	3	—	—	—	—	—	2
Cape Gris Nez	30.492	46	44	Z	0	1	NE	0	g	—	1
Brest ...	—	45	43	NNE	3	4	NNW	9	bg	—	2
L'Orient ...	30.502	46	44	E	4	5	W	0	cb	—	2
Rochefort ...	30.452	47	45	E	4	5	NW	0	b	—	3
Biarritz ...	30.392	54	52	W	4	4	?WNW	8	cm	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	—	—	—	—	—	—	—	—	—	—	—
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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Sea
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EIGHT A.M.

WEATHER REPORT. 1870.

Sun-day

April 17th

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	30.30	45	43	SSW	2	2	SW	—	o	—	4
*Skudesnaes ...	30.38	45	44	Z	0	2	NW	—	b f	—	2
*Oxo (Christiansand)	30.27	41	39	N	4	2	SSE	—	b	—	0
Thurso ...	30.29 f	54	51	SSW	4	5	NNW	0	cb	—	1
Wick ...	30.30 f	55	51	S	3	3	SSE	3	c	—	2
Nairn ...	30.31 f	54	50	Z	0	2	WSW	0	b	—	0
Aberdeen ...	30.34 f	52	49	S	1	4	S	0	b	—	1
Leith ...	30.39 f	54	50	NNW	2	4	WSW	1	b	—	—
Shields ...	—	54	50	NW	2	2	SE	1	cb	—	2
Scarborough ...	30.41 f	55	51	S	2	2	ENE	0	b	—	2
Yarmouth ...	30.47 f	47	45	ESE	3	3	SE	5	cm	—	3
Ardrossan ...	30.40 f	47	46	S	2	2	SW	2	ob	—	1
Greencastle ...	30.32 f	55	51	WSW	1	1	E	1	ob	—	—
Holyhead ...	30.41 f	47	46	SSW	2	2	SSW	7	mc	—	—
Liverpool ...	30.31 f	—	—	S	1	2	S	0	b f	—	1
Valencia ...	30.35 f	48	45	SE	4	4	S	0	b	—	3
Cape Clear ...	30.35 f	49	48	SE	4	2	SW	8	fo	—	2
Roche's Point	30.36 f	50	47	S	2	2	S	9	f	—	1
Pembroke ...	30.41 f	41	41	SE	1	2	NNW	9	f	—	1
Penzance ...	30.40 f	51	48	S	1	4	S	0	fb	—	1
Plymouth ...	30.42 f	57	52	ESE	2	3	S	0	bm	—	1
Portsmouth ...	30.42 f	57	52	Z	0	1	SSW	2	cb	—	0
London ...	30.43 f	50	46	E	1	2	NW	2	cmb	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.44 f	46	42	Z	0	1	W	0	f	—	1
Brest ...	—	51	47	E	4	5	NNE	0	b	—	3
L'Orient ...	30.40 f	48	44	?	4	4	WNW	0	b	—	2
Rochefort ...	30.35 f	48	44	E	5	4	E	0	b	—	3
Biarritz ...	30.21 f	48	46	NE	5	7	NNE	0	cb	—	3
Corunna ...	30.00	60	—	SW	3	—	—	—	c	—	2
Brussels ...	30.43	46	—	NE	1	—	—	—	o	—	—
Paris ...	30.41	47	—	W	1	—	—	—	fc	—	—
Strasbourg ...	30.36	47	—	W	3	—	—	—	c	—	—
Lyons ...	30.32	50	—	N	3	—	—	—	b	—	—
Toulon ...	30.20 r	56	45	WSW	1	4	W	0	b	—	3
Heart's Content (9 a.m. local time.)	30.43 f	34	32	SW	4	4	SW	8	bo	—	5

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

Sea
Disturb
0 to 9.

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ROBERT H. SCOTT,

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

EIGHT A.M.

WEATHER REPORT. 1870. April 18th

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	30.32	50	45	Z	0	0	Z	—	cb	—	2
* Skudesnaes ...	30.39	45	44	ESE	2	2	NNW	—	b	—	0
* Oxo (Christiansand)	30.39	38	36	N	4	?	SSW	—	b	—	1
Thurso ...	30.15 ²	40	45	SSE	1	4	SSE	0	mb	—	0
Wick ...	30.15 ²	55	53	SSE	5	2	SE	3	c	—	2
Nairn ...	30.16 ²	53	48	Z	0	0	Z	0	b m	—	0
Aberdeen ...	30.25 ²	42	41	SSE	1	2	S	9	f	—	1
Leith ...	30.22 ²	47	45	NE	1	2	N	1	f m	—	—
Shields ...	—	48	46	WNW	2	4	SE	1	cb	—	2
Scarborough ...	30.33 ²	43	42	S	2	3	SE	9	b m	—	3
Yarmouth ...	30.36 ²	44	43	ENE	3	3	ESE	6	mc	—	3
Ardrossan ...	30.20 ²	54	49	E	2	2	NW	4	bc	—	1
Greencastle ...	30.11 ²	56	49	SSE	2	2	S	1	b	—	—
Holyhead ...	30.17 ²	52	49	SSE	2	2	SSW	0	b m	—	—
Liverpool ...	30.23	—	—	S	2	1	S	0	b	—	1
Valencia ...	29.96 ²	55	52	SSE	4	5	S	2	b	—	3
Cape Clear ...	29.96 ²	49	48	E	6	7	E	0	f b	—	4
Roche's Point	30.02 ²	50	47	SE	4	4	SE	3	f b	—	2
Pembroke ...	30.12 ²	47	45	ESE	5	5	ESE	7	f m	—	2
Penzance ...	30.09 ²	51	48	E	6	6	SE	4	bc	—	4
Plymouth ...	30.15 ²	47	45	E	6	4	S	9	b m	—	4
Portsmouth ...	30.22 ²	48	45	ESE	3	2	SE	8	co	—	2
London ...	30.29 ²	46	43	ESE	3	5	E	9	bo	—	—
Helder ...	30.36	44	—	SE	2	—	—	—	—	—	2
Cape Gris Nez	30.27	46	41	ESE	4	4	E	3	f c	—	3
Brest ...	—	52	50	ESE	4	5	ESE	1	f b	—	4
L'Orient ...	30.04 ²	50	47	ESE	5	5	SE	3	bc	—	2
Rochefort ...	30.02 ²	50	46	—	—	4	E	0	mb	—	3
Biarritz ...	29.98 ²	59	57	SE	4	5	SE	2	cf	—	2
Corunna ...	29.78	61	—	NW	1	—	—	—	—	—	2
Brussels ...	30.31	44	—	NE	3	—	—	—	b	—	—
Paris ...	30.19	47	—	NNE	2	—	—	—	b	—	—
Strasbourg ...	30.39	44	—	NE	3	—	—	—	b	—	—
Lyons ...	30.18	55	—	N	3	—	—	—	b	—	—
Toulon ...	30.17 ²	51	48	ENE	5	3	S	4	b	—	3
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London ...											
Rochefort ...											

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Monday

Since Saturday barometrical readings have increased considerably in Norway, but decreased over the British Isles and France, especially at the more SWⁿ station. The barometer now stands highest in the north and the reading at Skudesness exceeds by 0.24 in. that at Hurso and by 0.43 in. those in the southwest of Ireland.

Temperature rose and was uniformly high yesterday morning but has to-day fallen rapidly along the east and southeast coasts of Great Britain while the rise has continued elsewhere. It is now very irregular but highest in the west.

Light and variable winds are general in the north of our Islands, with moderate to fresh E^{ly} and SE^{ly} breezes in the south and on the French coasts.

Fog has been very prevalent in the west, but the sky is now clear except in the Channel. The sea is calm.

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.
APRIL												
16 TH	Bonnua	30.24	59	-	NE	3	-	-	-	b	-	2
"	Brussels	30.46	45	-	W	1	-	-	-	c	-	-
"	Paris	30.45	47	-	N	2	-	-	-	b f	-	-
"	Strasbourg	30.51	46	-	S	1	-	-	-	b	-	-
"	Lyon	30.52	52	-	N	3	-	-	-	b	-	-
"	Toulon	30.082	55	44	ENE	3	7	WSW	3	c	-	3
"	Heart's Content	30.642	19	-	NE	3	4	NE	2	fsg	-	5

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 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	30.19	46	41	SSW	2	0	Z	—	b	—	2
*Skudesnaes ...	30.36	43	42	SSE	2	4	S	—	ob	—	2
*Oxo (Christiansand)	30.38	36	36	SW	2	4	SW	—	ofb	—	1
Thurso ...	30.00 ⁹	46	44	SSE	5	5	SSE	3	mc	—	1
Wick ...	30.04 ⁸	43	42	SE	5	5	ESE	8	co	—	3
Nairn ...	29.98 ⁷	59	51	E	1	1	SSE	0	cb	—	1
Aberdeen ...	30.11 ⁷	40	39	S	3	2	SSE	9	f m	—	3
Leith ...	30.08 ⁷	42	42	E	2	2	E	0	b m	—	—
Shields ...	—	44	43	SW	3	2	SE	7	co	—	4
Scarborough...	30.16 ⁷	41	40	E	1	4	SSE	9	of	—	2
Yarmouth ...	30.15 ⁷	46	45	ESE	3	3	NE	0	m b	—	3
Ardrossan ...	30.04 ⁷	51	47	ENE	3	4	SW	4	c m	—	2
Greencastle ...	29.94 ⁷	53	48	SSE	3	5	S	3	m	—	—
Holyhead ...	29.98 ⁷	52	49	SSW	1	2	WSW	0	b	—	—
Liverpool ...	—	—	—	SE	2	2	SE	0	cb	—	1
Valencia ...	29.78 ⁷	56	51	S	4	6	SSE	0	b	—	3
Cape Clear ...	29.79 ⁷	49	48	ESE	6	7	ESE	0	b	—	3
Roche's Point	29.86 ⁷	49	47	NNE	3	5	SE	3	b	—	2
Pembroke ...	29.93 ⁷	49	46	E	6	7	E	0	c m	—	3
Penzance ...	29.91 ⁷	54	50	SE	5	8	E	1	b	—	4
Plymouth ...	29.94 ⁷	59	52	E	5	7	E	1	b	—	4
Portsmouth ...	30.00 ⁷	53	48	SE	3	4	SE	4	c	—	2
London ...	30.07 ⁷	47	43	E	3	5	E	0	ocb	—	—
Helder ...	30.22	51	—	ESE	3	—	—	—	—	—	2
Cape Gris Nez	30.05 ⁷	52	45	SE	4	4	NE	0	b	—	2
Brest ...	—	54	52	ESE	4	5	SE	2	ob	—	3
L'Orient ...	29.93 ⁷	51	49	SE	5	5	ESE	6	c	—	3
Rochefort ...	30.01 ²	53	49	SE	5	5	E	5	bc	—	3
Biarritz ...	29.99 ²	72	65	S	5	5	S	2	c	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon... ..	—	—	—	—	—	—	—	—	—	—	—
Heart's Content (9 a.m. local time.)	30.20 ⁷	56	45	S	1	5	E	0	b	—	2

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ...	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London... ..	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

Sea
Distm
(0 to 9

2

2

3

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EIGHT A.M.

WEATHER REPORT. 1870. April 20th

Wednesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Clond. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.28	47	42	ESE	2	0	Z	—	b	—	4
* Skudesnaes ...	30.26	50	46	ESE	6	2	E	—	b	—	3
* Oxo (Christiansand)	30.33	45	42	NNE	4	4	NE	—	b	—	1
Thurso ...	29.89 ^f	48	45	SE	3	6	SSE	7	mc	—	0
Wick ...	29.91 ^f	45	44	ESE	4	6	SE	6	c	—	3
Nairn ...	29.87 ^f	53	49	NE	1	0	Z	0	cb	—	0
Aberdeen ...	29.99 ^f	46	45	SSE	1	1	S	1	mb	—	1
Leith ...	29.93 ^f	51	47	E	2	2	E	1	b	—	—
Shields ...	—	48	46	W	1	2	SE	2	cb	—	2
Scarborough...	30.01 ^f	52	50	SSE	1	4	SSE	3	ba	—	3
Yarmouth ...	30.09 ^z	48	46	SE	2	3	E	0	cb	—	2
Ardrossan ...	29.92 ^s	46	41	ENE	3	2	SE	4	lm	—	2
Greencastle ...	29.80 ^f	57	51	S	2	5	S	6	mc	—	—
Holyhead ...	29.88 ^f	56	52	SSW	1	2	SSE	5	bc	—	—
Liverpool ...	29.93 ^s	—	—	SW	2	1	SE	4	bc	—	1
Valencia ...	29.61 ^f	54	53	SSW	6	6	S	9	zo	0.20	5
Cape Clear ...	29.66 ^f	52	51	S	7	4	SE	9	fr	0.37	5
Roche's Point	29.74 ^f	51	50	S	6	6	S	9	cfr	0.05	4
Pembroke ...	29.88 ^f	50	48	SE	3	6	ESE	7	mc	—	2
Penzance ...	29.92 ^s	51	50	S	1	5	E	8	bf	—	2
Plymouth ...	29.96 ^z	62	55	ESE	2	4	ESE	3	b	—	1
Portsmouth ...	30.00 ^z	55	50	SSE	1	3	SSE	4	c	—	1
London ...	30.03 ^z	57	52	ESE	1	3	ESE	0	bm	—	—
Helder ...	30.15	55	—	SE	3	—	—	—	—	—	2
Cape Gris Nez	30.06 ^z	61	50	S	3	4	NE	0	b	—	1
Brest ...	—	55	53	ESE	4	4	ESE	3	bc	—	4
L'Orient ...	29.99 ^s	51	49	—	4	5	S	6	fc	—	2
Rochefort ...	30.01 ^z	55	50	SE	5	5	S	5	bc	—	3
Biarritz...	29.99 ^z	62	60	S	3	4	S	5	cf	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon...	30.24 ^z	53	49	E	2	3	SSW	1	b	—	2
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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REMARKS.

Weanes-day

The barometer has again fallen somewhat except in France and the English Channel, and the change being still greatest in the south of Ireland "gradients" are steeper than they were. The lowest reading (at Valencia) is now 0.72 in. less than that at Oxo, and 0.40 in. less than at Rochefort.

Temperature has now risen at nearly all stations, and is rather high generally, but readings are irregular. At some of our southern stations the weather is very warm.

Light to moderate SE⁴ breezes are still reported except in Ireland, where they have veered to S, freshening considerably in the southern part of the Island with fog and rain.

Lightning has occurred at Ardrossan. The weather is on the whole clear and bright. The sea is rather rough in the south-west, calm elsewhere.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
APRIL												
19 TH	Corunna	29.85	44	—	SW	1	—	—	—	c	—	2
—	Brussels	30.12	50	—	ENE	3	—	—	—	b	—	—
2	Paris	30.09	50	—	SE	1	—	—	—	b	—	—
—	Strasbourg	30.38	47	—	N	3	—	—	—	b	—	—
—	Lyon	30.22	52	—	E	3	—	—	—	b	—	—
—	Hearts Content	30.38	34	33	E	1	3	WNW	2	b	—	3
The observations referring to Toulon were entered by mistake opposite Hearts Content.												

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. April 21st

Thursday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturbance (0 to 9)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.18	53	44	ESE	1	2	ENE	—	b	—	2
* Skudesnaes ...	30.17	50	45	ESE	6	4	ESE	—	b	—	4
* Oxo (Christiansund)	30.23	44	42	NE	4	6	NE	—	b	—	2
Thurso ...	29.97	48	43	W	2	6	SE	2	ob	0.01	0
Wick ...											
Nairn ...	30.012	50	46	SW	2	4	E	0	cb	—	1
Aberdeen ...	30.042	51	45	WNW	1	3	S	3	bc	0.01	1
Leith ...	30.072	52	47	NNW	2	4	S	6	oc	0.01	—
Shields ...	—	50	48	NW	2	2	SSE	1	cb	—	2
Scarborough ...	30.102	55	50	W	1	3	SSE	4	bc	—	2
Yarmouth ...	30.122	56	52	NW	2	3	ESE	3	c	—	2
Ardrossan ...	30.062	48	46	SW	3	1	S	2	b	0.12	3
Greencastle ...	29.992	50	45	S	2	6	S	4	rc	0.23	—
Holyhead ...	30.082	49	47	SSW	2	3	SSW	7	e	—	—
Liverpool ...	30.102	—	—	SW	1	1	SW	0	cb	—	1
Valencia ...	29.922	50	47	S	7	4	NW	2	rb	0.30	5
Cape Clear ...	30.002	49	46	SW	7	6	W	4	c	0.15	4
Roche's Point	30.052	42	40	SW	4	7	S	5	rc	0.32	3
Pembroke ...	30.112	50	48	S	1	5	S	4	oc	0.04	2
Penzance ...	30.172	49	48	SSW	1	4	S	5	cl	—	1
Plymouth ...	30.172	54	51	Z	0	3	S	3	c	—	1
Portsmouth ...	30.142	54	50	NNW	1	3	SSE	2	cb	—	1
London ...	30.142	58	53	Z	0	2	SSE	—	bcu	—	—
Helder ...	30.13	59	—	SE	2	—	—	—	—	—	2
Cape Gris Nez	30.132	52	48	WSW	1	1	ENE	—	—	—	1
Brest ...	—	51	49	W	1	5	ESE	9	o	—	4
L'Orient ...	30.222	51	51	NE	3	5	SE	8	c	—	2
Rochefort ...	30.182	55	51	S	3	5	—	9	co	—	3
Biarritz ...											
Corunna ...	30.21	62	—	SW	6	—	—	—	o	—	2
Brussels ...	30.11	61	—	SW	1	—	—	—	c	—	—
Paris ...	30.13	57	—	S	1	—	—	—	c	—	—
Strasbourg ...	30.38	53	—	N	1	—	—	—	c	—	—
Lyons ...	30.28	57	—	S	3	—	—	—	b	—	—
Toulon ...											
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London ...											
Rochefort ...											

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 exposed in shade. EXTREME FORCE with its Direction during last 24 hours. Z.—calm. WEATHER: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. RAIN-FALL, snow or hail (melted), during last 24 hours. SEA DISTURBANCE: 0—dead calm; 9—extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Thurs-day

Barometrical pressure has recovered considerably from the depression noticed in the south-west yesterday, and increased somewhat at our other stations, but fallen slightly in Norway. Readings have thus become more uniform and that at Valencia is now only 0.36 in. less than at Oax and 0.30 in. less than at L'Orient.

Temperature is considerably lower in Ireland and the south of England but higher on our eastern coasts, and has become uniform about 50°, throughout these Islands.

Strong to fresh S^W breezes are again reported from Ireland, but in S^W Britain the SE wind has disappeared, and light W^W airs are reported from Scotland, with NW^W breezes in the east of England and calms in the Channel.

Brilliant aurora is reported from the south of Ireland. Rain has fallen in the south-west, and the sky has become overcast in the west of France and rather cloudy in the south of our Islands. The sea is moderate or calm.

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.
APRIL												
20 th	Corunna	29.88	62	—	SW	3	—	—	—	c	—	2
—	Brussels	30.10	57	—	S	1	—	—	—	b	—	—
—	Paris	30.09	51	—	SSE	1	—	—	—	b	—	—
—	Strasbourg	30.34	50	—	N	1	—	—	—	b	—	—
—	Lyon	30.20	54	—	SE	3	—	—	—	b	—	—
—	Heart's Content	30.24 f	56	—	ENE	1	2	SSE	1	b	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. *April 22nd**Friday*

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.97	45	—	SW	6	0	Z	—	c	—	2
* Skudesnaes ...	30.15	47	45	SSE	4	4	ESE	—	cb	—	2
* Oxo (Christiansand)	30.15	44	42	N	2	6	ENE	—	cb	—	2
Thurso ...	29.92r	47	42	SSE	5	6	ESE	6	bc	—	1
Wick ...	29.87r	46	45	SE	5	6	SE	7	c	—	3
Nairn ...	29.85f	49	45	SW	3	6	SW	1	cb	0.04	2
Aberdeen ...	29.97s	45	43	S	4	4	SE	3	bc	—	2
Leith ...	29.97r	52	48	SW	5	5	W	8	bo	—	—
Shields ...	—	51	48	SW	4	2	SE	7	co	—	2
Scarborough ...	30.20r	54	50	SW	4	3	SSE	7	c	—	3
Yarmouth ...	30.31r	51	48	SE	2	3	SSE	2	cb	—	2
Ardrossan ...	29.94f	49	46	SSW	5	7	SSE	8	cq p	0.10	5
Greencastle ...	29.68f	54	52	SSW	7	8	SSW	8	n	0.07	—
Holyhead ...	30.08f	50	48	SSW	6	4	SSW	9	co	—	—
Liverpool ...	30.16r	—	—	SW	1	1	SW	7	bo	—	1
Valencia ...	29.92f	53	52	SW	6	8	SW	9	ro	0.44	6
Cape Clear ...	29.95f	52	51	SW	9	7	WSW	9	cm	0.16	7
Roche's Point	30.00f	52	52	SW	9	9	SW	9	or	0.14	6
Pembroke ...	30.16s	49	48	S	5	5	SSW	5	of	—	3
Penzance ...	30.16f	52	51	SW	5	5	S	8	cm	—	4
Plymouth ...	30.31r	54	52	S	2	4	S	9	co	—	2
Portsmouth ...	30.33r	49	47	WSW	1	3	W	8	co	—	1
London ...	30.31r	57	52	SW	2	3	SW	4	bc	—	—
Helder ...	30.29	59	—	W	5	—	—	—	—	—	2
Cape Gris Nez	30.36r	47	45	W	1	3	WSW	1	cb	—	1
Brest ...	—	48	48	—	4	4	—	6	f	—	4
L'Orient ...	30.37r	50	50	NE	3	5	W	5	c	—	2
Rochefort ...	30.32r	54	52	NE	3	5	NW	0	cb	—	2
Biarritz ...	30.36r	55	53	W	4	5	W	8	m	—	5
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.27r	54	49	ENE	—	3	SE	9	bm	—	4
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ...	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Fri. day

Since yesterday the weather has changed considerably in the north and west of our Islands. The barometer after a slight temporary rise last evening is again falling briskly in the north west, while in the south and south-east it continues to rise. The lowest reading is at Greenacastle, and is nearly 0.7 in. less than those at Cape Gris-Nez and L'Orient.

Temperature has fallen in Scotland and the south-east of England, but risen slightly in Ireland, where it is now highest.

It continues to blow hard from SW in the south of Ireland with rain and mist, and the strong wind is apparently extending northwards.

On the coast of England, however, moderate breezes from S and SW continue, and fresh from SE in the north of Scotland.

In the west of France a light NE wind is again reported.

Brilliant aurora was seen in Scotland last night. The sky is generally cloudy; and the sea is high in the south-west.

Warnings were issued to the NW coasts last evening and to the west and north this morning.

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.
APRIL												
21 ST	Wick	30.017	49	46	WSW	3	4	ESE	6	c.	0.02	3
---	Biarritz	30.097	57	52	W	1	5	S	8	ct	—	5
---	Heart's Content	30.267	42	40	SSE	1	1	NNE	1	b	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

April 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	29.56	50	43	WNW	6	8	W	—	b	—	4
* Skudesnaes ...	29.89	44	42	S	6	6	SSE	—	ob	—	4
* Oxo (Christiansand)	30.00	45	42	W	6	4	SSW	—	co	—	3
Thurso ...	29.84+	45	41	WSW	5	7	WSW	2	b	0.14	4
Wick ...	29.86+	46	43	W	6	5	SE	7	c	0.09	3
Nairn ...	29.94+	46	43	W	3	7	SW	0	cb	0.09	2
Aberdeen ...	30.01+	49	42	W	2	7	S	1	cb	—	2
Leith ...	30.07+	48	43	SW	7	7	SW	2	cb	0.01	—
Shields ...	—	49	45	W	6	6	SW	1	cb	—	3
Scarborough ...	30.16+	50	46	W	3	5	SW	1	cb	—	2
Yarmouth ...	30.31+	49	45	WNW	3	3	SE	0	cb	—	2
Ardrossan ...	30.17+	46	43	SW	5	8	S	4	gpc	0.06	4
Greencastle ...	30.15+	47	45	WSW	5	8	SSW	7	rc	0.06	—
Holyhead ...	30.32+	46	43	SSW	4	7	SSW	0	ob	0.26	—
Liverpool ...	30.31+	—	—	W	2	2	WSW	0	cb	—	1
Valencia ...	30.40+	50	47	W	4	6	W	6	nc	0.02	2
Cape Clear ...	30.40+	49	46	NW	5	7	W	5	gpc	0.15	3
Roche's Point	30.39+	47	44	W	3	9	SW	5	opc	0.12	2
Pembroke ...	30.38+	47	44	W	4	6	SSW	2	ob	0.07	2
Penzance ...	30.45+	49	45	WNW	4	6	SW	2	mb	0.01	3
Plymouth ...	30.43+	56	50	NW	2	4	SSW	3	ocm	—	1
Portsmouth ...	30.36+	50	46	N	2	2	W	3	c	—	1
London ...	30.35+	51	45	NNW	2	4	SW	1	cb	—	—
Helder ...	30.25	48	—	NW	6	—	—	—	—	—	2
Cape Gris Nez	30.32+	45	45	Z	0	3	WSW	9	cf	—	2
Brest ...	—	49	47	N	4	4	N	1	fb	—	4
L'Orient ...	30.43+	50	48	NNE	5	5	W	8	c	—	3
Rochefort ...	30.33+	54	52	N	5	5	NNW	4	bc	—	3
Biarritz ...	30.38+	56	52	W	5	4	W	8	mo	0.04	4
Corunna ...	30.32	62	—	N	6	—	—	—	c	—	4
Brussels ...	30.27	55	—	WSW	3	—	—	—	c	—	—
Paris ...	30.31	53	—	NW	2	—	—	—	c	—	—
Strasbourg ...	30.41	52	—	NE	3	—	—	—	b	—	—
Lyons ...	30.32	59	—	S	3	—	—	—	c	—	—
Toulon ...	30.32+	58	49	ENE	3	5	E	4	c	—	3
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London ...											
Rochefort ...											

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 9=extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 pm. on the previous day.

REMARKS.

Saturday

The disturbance of yesterday has passed off to the north-eastward, and has been succeeded by a rapid recovery of the barometer at our western and northern stations during the night. Readings, are, however, still highest in the south, and that at Penzance is obviously higher than that at Thurso.

Temperature has fallen a little at most stations except in the Channel and on the French coast.

It blew hard from SW in Scotland during the latter part of yesterday, but the wind has now become more moderate, and veered towards W, - and to NW at the more southern stations. - The NE⁺ breeze still holds in France.

Some rain has fallen at our western and northern stations; but the weather has since cleared. The sea is moderate or calm.

Drums lowered this morning.

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.
APRIL												
22 nd	Corunna	30.29	61	-	SW	3	-	-	-	c	-	4
	Brussels	30.33	56	-	WSW	1	-	-	-	b	-	-
	Paris	29.95	55	-	N	1	-	-	-	c	-	-
	Strasbourg	30.45	55	-	NE	1	-	-	-	b	-	-
	Lyon	30.30	63	-	N	3	-	-	-	b	-	-
	Hearts Content	29.73 f	57	49	SW	1	2	SSW	8	b f o	0.37	2
<u>Correction</u>												
	Leith.	Bar. reading should be 29.99 f.										

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

April 24th

Sunday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturbance (0 to 9)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.66	43	—	Z	0	6	SW	—	c	—	6
*Skudesnaes ...	29.96	44	42	SSW	4	6	SSW	—	ob	—	4
*Oxo (Christiansand)	29.99	42	41	SW	6	6	WSW	—	bc	—	3
Thurso ...	29.83f	48	47	WSW	2	6	WNW	7	cr	0.28	0
Wick ...	29.85f	50	50	WNW	4	5	W	8	co	0.13	2
Nairn ...	29.85f	55	52	WNW	3	6	WNW	8	o	0.12	2
Aberdeen ...	29.92f	52	49	W	3	4	W	7	c	—	1
Leith ...	30.04f	50	49	W	7	7	SW	8	cpo	0.02	—
Shields ...	—	54	50	NW	7	5	SW	6	c	—	4
Scarborough ...	30.21f	51	48	W	4	5	W	9	co	—	3
Yarmouth ...	—	—	—	—	—	—	—	—	—	—	—
Ardrossan ...	30.11f	48	47	WSW	5	4	WNW	7	cg	0.53	4
Greencastle ...	30.16f	52	51	W	4	6	WSW	9	no	0.13	—
Holyhead ...	30.32f	48	46	SSW	5	4	SSW	9	bo	—	—
Liverpool ...	30.29f	—	—	SW	3	2	SW	4	c	—	2
Valencia ...	30.47s	50	48	WSW	4	4	WNW	6	rc	0.03	3
Cape Clear ...	30.43f	52	49	WNW	6	6	W	6	c	0.03	4
Roche's Point	30.43+	53	50	W	3	5	WNW	7	pc	0.09	3
Pembroke ...	30.41s	48	47	WSW	5	5	WSW	9	o	—	3
Penzance ...	30.53+	53	50	WNW	3	4	WNW	6	c	—	4
Plymouth ...	30.49+	55	48	WNW	4	4	NW	5	c	—	2
Portsmouth ...	30.44+	53	49	W	3	3	NNW	7	c	—	2
London ...	30.41s	51	48	WNW	2	3	W	9	bo	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.45+	46	42	W	1	3	NNE	6	c	—	1
Brest ...	—	49	45	NNW	4	5	NNW	1	b	—	3
L'Orient ...	30.53+	46	42	NE	5	5	NNE	3	c	—	3
Rochefort ...	30.46+	48	44	NNE	4	5	NNW	0	b	—	3
Biarritz ...	30.47+	55	51	W	4	5	W	5	mc	—	4
Corunna ...	30.38	60	—	NE	1	—	—	—	b	—	4
Brussels ...	30.41	46	—	SW	3	—	—	—	b	—	—
Paris ...	30.46	46	—	WNW	2	—	—	—	f	—	—
Strasbourg ...	30.51	56	—	NE	3	—	—	—	o	—	—
Lyons ...	30.16	59	—	N	6	—	—	—	o	—	—
Toulon ...	30.28f	59	50	N	1	4	ESE	5	f	—	2
Heart's Content (9 a.m. local time.)	30.27+	33	—	N	1	3	NNE	2	sb	0.04	2

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

Sea
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DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Mon - day

April 25th

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	29.77	39	36	—	—	6	WSW	—	ro	—	5
* Skudesnaes ...	29.93	43	43	S	2	0	Z	—	oc	—	3
* Oxo (Christiansund)	29.91	44	40	W	6	4	SW	—	c	—	3
Thurso ...	29.935	52	49	WSW	5	5	WNW	7	fc	0.08	1
Wick ...	29.915	54	52	W	5	4	WNW	6	c	0.04	3
Nairn ...	30.017	55	52	WNW	4	2	WNW	7	o	—	2
Aberdeen ...	30.057	53	51	SW	1	1	WNW	8	co	—	1
Leith ...	30.157	53	51	W	6	6	NW	8	o	—	1
Shields ...	—	55	52	NW	3	8	NW	7	o	—	3
Scarborough ...	30.247	57	53	WNW	3	5	W	6	c	0.09	2
Yarmouth ...	30.337	55	52	W	2	3	WSW	4	c	—	2
Ardrossan ...	30.227	52	50	W	5	6	W	7	cp	0.12	4
Greencastle ...	30.237	51	50	SW	3	5	W	9	ro	0.02	1
Holyhead ...	30.377	50	49	SW	3	5	SSW	7	oc	—	1
Liverpool ...	30.35	—	—	WNW	4	4	W	7	co	—	3
Valencia ...	30.467	52	50	WSW	3	4	W	7	c	—	2
Cape Clear ...	30.457	52	49	WSW	4	4	W	8	o	—	2
Roche's Point	30.435	53	50	W	2	3	WNW	2	cb	—	1
Pembroke ...	30.443	49	46	W	3	5	W	9	o	—	2
Penzance ...	30.517	51	47	NW	4	5	WNW	9	co	—	3
Plymouth ...	30.497	55	49	NW	3	4	WNW	7	com	—	2
Portsmouth ...	30.417	51	49	NW	1	4	WNW	5	c	—	1
London ...	30.395	55	52	WNW	2	6	W	4	obc	—	1
Helder ...	30.26	48	—	W	5	—	—	—	—	—	2
Cape Gris Nez	30.417	47	45	WNW	3	5	W	4	oc	—	1
Brest ...	—	50	46	NNE	3	4	N	9	co	—	2
L'Orient ...	30.567	44	44	—	3	5	W	9	cf	—	2
Rochefort ...	30.497	49	47	NE	4	5	NE	0	b	—	3
Biarritz ...	—	57	53	—	4	4	W	3	cf	—	4
Corunna ...	30.29	59	—	NE	3	—	—	—	b	—	2
Brussels ...	30.37	52	—	WSW	1	—	—	—	ro	—	1
Paris ...	30.44	48	—	WNW	1	—	—	—	o	—	1
Strasbourg ...	30.57	50	—	NW	3	—	—	—	fb	—	1
Lyons ...	30.40	57	—	N	—	—	—	—	fb	—	1
Toulon ...	30.217	52	52	ENE	4	3	WSW	7	bf	—	3
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London ...											
Rochefort ...											

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Mon - day

The changes in barometrical pressure have been very slight since Saturday, and a gradual increase is shown this morning, which however was temporarily interrupted in Scotland yesterday. In the South pressure appears unsteady though it is still highest there - the difference between L'Orient and Huron being 0.63 in. Temperature is uniform over our

Temperature is uniform over our Islands and rather higher than on Saturday.

The wth winds still hold over Great Britain and Ireland. They freshened to a strong breeze on our Northeastern coasts yesterday morning, but have subsided and are moderate every where today.

Some rain fell in the North and Northwest on Sunday and at Ardrossan it was heavy, but the weather is fair though very cloudy this morning. The sea remains calm.

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.
APRIL 23 rd	Sharl's Content	29.837	31	-	NNE	3	3	NINE	9	CS	0.62	3
<hr/> <hr/> <hr/> <hr/> <hr/>												

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

April 26th

Tues-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturbance (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.44	42	40	SSW	4	4	SSE	—	o	—	4
*Skudesnaes ...	29.62	45	43	SW	6	6	SW	—	no	—	4
*Oxo (Christiansand)	29.71	44	43	SW	6	8	SW	—	cof	—	4
Thurso ...	29.73f	42	39	SW	6	6	SW	3	ocq	0.34	3
Wick ...	29.72f	44	42	WNW	7	6	W	5	nc	0.32	3
Nairn ...	29.83f	45	42	WNW	3	6	W	0	ob	0.12	2
Aberdeen ...	29.83f	49	43	WNW	4	6	W	3	c	0.01	1
Leith ...	29.91f	50	45	W	5	6	W	1	cb	—	—
Shields ...	—	53	51	NW	4	4	NW	7	co	—	3
Scarborough ...	30.01f	50	47	W	4	4	WNW	9	co	—	3
Yarmouth ...	30.14f	50	47	WSW	3	4	WNW	0	cb	—	2
Ardrossan ...	30.00f	48	44	WNW	4	9	WNW	4	pgc	0.05	3
Greencastle ...	30.05f	47	44	NW	3	6	NW	5	nc	0.11	—
Holyhead ...	30.12f	48	46	SSW	5	3	SW	9	co	—	—
Liverpool ...	30.10f	—	—	SW	3	3	WSW	6	c	—	2
Valencia ...	30.23f	52	50	NW	3	4	WSW	8	ro	0.07	4
Cape Clear ...	30.21f	50	49	WNW	5	4	WSW	9	ot	0.02	3
Roche's Point	30.18f	52	49	W	5	5	W	9	co	—	3
Pembroke ...	30.20f	49	47	WSW	4	4	WSW	9	o	—	3
Penzance ...	30.31f	50	46	WNW	3	4	NW	8	o	—	3
Plymouth ...	30.30f	51	46	WNW	3	4	WNW	7	o	—	2
Portsmouth ...	30.23f	49	45	WNW	3	3	W	8	co	—	2
London ...	30.21f	50	46	W	3	5	W	7	bc	—	—
Helder ...	30.12	48	—	SW	6	—	—	—	—	—	2
Cape Gris Nez	30.22f	45	45	W	4	4	W	4	f	—	3
Brest ...	—	46	44	NE	4	4	NE	2	b	—	2
L'Orient ...	30.32f	47	45	ENE	4	4	WNW	2	c	—	2
Rochefort ...	30.27f	54	52	E	4	5	NW	0	b	—	3
Biarritz ...	30.25f	59	57	SW	3	5	N	0	cb	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.20f	54	52	ENE	5	5	SSW	6	af	—	4
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

Sea
Disturb
(0 to 9.)

on of
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day.

Temperature has decreased on our own coasts, especially in Scotland, where the fall is 10° . In the south-west of France and in Norway it has risen slightly.

Rain is reported from the Scotch stations and is now falling at Cape Clear. The sky is overcast in the south, and cloudy generally. The sea is moderate.

Reports received too late for insertion in their proper places.

[illegible]

ROBERT H. SCOTT.

on of
aring
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or
day.

EIGHT A.M.

WEATHER REPORT. 1870.

April 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	29.39	40	39	WSW	4	4	WSW	—	bc	—	4
*Skudesnaes ...	29.40	41	40	NW	6	6	W	—	or	—	3
*Oxo (Christiansund)	29.36	40	39	SW	6	6	WSW	—	bc	—	3
Thurso ...	30.05+	38	35	NNW	7	8	NNW	8	q, ho	0.20	7
Wick ...	30.03+	38	36	NNW	6	7	WNW	8	ro	0.18	4
Nairn ...	30.13+	39	37	NNW	3	8	NNW	8	o	0.08	3
Aberdeen ...	30.03+	39	37	NNW	6	7	NW	6	cq, h	0.13	4
Leith ...	30.12+	45	39	NNW	3	5	NW	6	b, pc	—	—
Shields ...	—	45	42	NE	5	3	NW	7	co	—	4
Scarborough ...	30.06+	45	41	N	6	4	NNW	7	hc	0.05	5
Yarmouth ...	30.01+	45	42	NW	4	5	WNW	6	c	—	4
Ardrossan ...	30.20+	44	39	NW	4	6	NW	6	pc	0.04	3
Greencastle ...	30.29+	44	43	NNW	4	7	NW	4	rcq, j	0.24	—
Holyhead ...	30.26+	45	41	NNW	6	4	WSW	5	c	—	—
Liverpool ...	30.16+	—	—	NNW	6	3	NW	3	c	0.11	5
Valencia ...	30.51+	44	47	N	4	6	N	6	rc	—	3
Cape Clear ...	30.41+	47	44	?	4	4	N	3	cb	—	2
Roche's Point	30.40+	46	43	N	3	7	N	2	c, p, b	0.05	1
Pembroke ...	30.29+	44	41	NNW	6	5	W	4	oc	0.02	3
Penzance ...	30.34+	48	44	NW	5	6	NNW	5	oc	—	4
Plymouth ...	30.27+	49	44	NNW	4	5	W	5	pc	—	2
Portsmouth ...	30.13+	48	44	N	5	4	W	5	c	—	4
London ...	30.10+	47	43	NNW	4	5	W	7	ok, c	0.08	—
Helder ...	29.89	45	—	NNW	6	—	—	—	—	—	4
Cape Gris Nez	30.04+	43	39	NNW	5	7	WSW	1	ob	—	4
Brest ...	—	47	43	N	5	5	—	4	bc	—	3
L'Orient ...	30.26+	46	44	N	5	4	W	6	c	—	2
Rochefort ...	30.19+	50	48	NNE	5	5	NNW	2	b, h	—	3
Biarritz ...	30.19+	57	50	SW	5	4	W	7	b, f	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.08+	57	55	SSW	1	5	E	7	f, m	—	2
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

REMARKS.

Wednesday

Since yesterday morning the barometer has risen briskly at our western and northern stations while at those in the south-east and in Norway it has fallen. The lowest reading is now reported from Gao, and is 1.15 in. less than that at Valencia, the "gradient" being steepest over the North Sea.

Temperature has again decreased everywhere and is now low in Scotland.

The winds on our coasts have all veered to N or NNW and freshened, and in the north-west of Scotland they blew hard during the night. A moderate SW^{ly} breeze is now reported from the south-west of France.

Some rain and hail have fallen in the north and the sky is cloudy everywhere. The sea is high at Thurso and elsewhere generally moderate.

Warnings issued to our east coast.

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.
APRIL												
26 th	Cornwall	30.15	63	—	NE	3	—	—	—	b	—	2
—	Brussels	30.23	49	—	SW	6	—	—	—	b	—	—
—	Paris	30.28	52	—	WNW	1	—	—	—	f	—	—
—	Strasbourg	30.45	57	—	SW	3	—	—	—	c	—	—
—	Lyons	30.32	57	—	S	3	—	—	—	b	—	—
—	St. Louis	29.62	46	46	SSW	1	1	W	8	ct	0.30	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Thursday

April 28th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund								—		—	
*Skudesnaes ...	29.62	41	37	NNW	8	10	NNW	—	bc	—	7
*Oxo (Christiansand)	29.43	42	36	NW	4	2	ENE	—	cb	—	2
Thurso ...	30.12 f	40	38	N	7	7	SW	7	oq p	0.12	6
Wick ...	30.12 f	41	39	NNW	5	6	NNW	8	o	0.04	3
Nairn ...	30.22 f	40	38	WNW	2	2	WNW	8	o	0.07	2
Aberdeen ...	30.11 f	38	37	N	4	4	N	7	cb p	0.16	4
Leith ...	30.19 s	42	37	NNW	4	6	N	7	bc	—	—
Shields ...	—	42	39	NE	5	5	NE	7	o	—	5
Scarborough ...	30.09 f	42	39	N	5	7	N	9	co	—	5
Yarmouth ...	30.06 f	42	39	NW	5	6	NNW	6	c	—	5
Ardrossan ...	30.24 f	45	38	NNE	3	6	N	4	c	—	2
Greencastle ...	30.30 f	40	39	NNE	4	7	NNW	8	p	0.11	—
Holyhead ...	30.21 f	43	40	NW	6	6	NW	9	co	—	—
Liverpool ...	30.17 f	—	—	N	3	3	NNW	5	c	—	2
Valencia ...	30.39 f	47	45	N	5	5	N	6	p	0.02	4
Cape Clear ...	30.31 f	47	44	N	2	4	N	7	c	—	0
Roche's Point	30.33 f	46	43	N	5	6	N	8	co	—	3
Pembroke ...	30.21 f	43	41	NW	5	5	WNW	9	erg	0.03	2
Penzance ...	30.25 f	44	41	NNW	5	5	NW	9	co	—	4
Plymouth ...	30.21 f	40	35	NW	3	6	NNW	7	c p o	—	2
Portsmouth ...	30.11 f	44	40	N	3	5	N	8	co	—	2
London ...	30.13 f	41	38	N	2	5	NNW	9	cb r	0.02	—
Helder ...	29.92	41	—	NW	7	—	—	—	—	—	5
Cape Gris Nez	30.10 f	42	—	NE	4	5	NE	9	co	0.16	3
Brest ...	—	48	44	N	4	5	N	8	co	—	3
L'Orient ...	30.23 f	46	44	N	4	5	NNE	7	a	—	3
Rochefort ...	30.20 s	46	44	NE	5	5	NNE	5	bc	—	3
Biarritz ...	30.21 f	46	42	NE	3	5	N	8	m	—	3
Corunna ...	30.18	57	—	NE	9	—	—	—	b	—	4
Brussels ...	30.04	42	—	WSW	7	—	—	—	rc	—	—
Paris ...	30.08	43	—	WNW	2	—	—	—	o	—	—
Strasbourg ...	30.22	41	—	NW	3	—	—	—	c	—	—
Lyons ...	—	50	—	N	6	—	—	—	b	—	—
Toulon ...	29.80 f	47	40	NW	7	4	SKV	7	af	—	5
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London ...											
Rochefort ...											

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REMARKS.

Thurs. day

The barometer has recovered somewhat at the northern stations from the diminution noticed there yesterday, but during the night a fall has set in at those in the south-west affecting slightly the readings on our other coasts. Pressure is, however, still highest at Valencia where it exceeds by 0.96 in. that at Gxö.

Temperature is little altered in Scotland, but has now fallen at the southern stations.

The winds continue fresh to moderate from the NWrd on all our coasts, and blow hard from NW at Skudesnaes.

The sky is cloudy everywhere, and the weather showery.

The sea is moderate except at Skudesnaes.

Drums lowered on our east coast this morning.

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.
APRIL												
27 th	Corunna	30.19	61	-	NE	9	-	-	-	o	-	4
	Brunels	29.97	46	-	WNW	4	-	-	-	b	-	-
	Paris	30.06	47	-	NNW	4	-	-	-	c	-	-
	Strasbourg	30.07	54	-	W	6	-	-	-	o	-	-
	Lyon	30.02	60	-	SE	1	-	-	-	o	-	-
	Hearts Content	29.915	39	37	N	1	1	35W	8	o	0.33	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

April 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	29.66	37	35	NNE	6	6	NNE	—	c	—	6
* Skudesnaes ...	29.65	36	36	NW	6	8	NNW	—	bc	—	3
* Oxo (Christiansand)	29.56	36	36	NNW	4	4	NNW	—	b	—	1
Thurso ...	29.71 $\frac{1}{2}$	46	45	NW	5	16	N	7	ot	0.23	2
Wick ...	29.71 $\frac{1}{2}$	45	45	NW	4	5	NNW	9	r	0.20	3
Nairn ...	29.78 $\frac{1}{2}$	47	45	WNW	3	2	NW	9	ot	0.21	2
Aberdeen ...	29.84 $\frac{1}{2}$	38	37	SSW	2	6	N	9	et	0.11	4
Leith ...	29.92 $\frac{1}{2}$	43	41	W	4	4	WNW	9	cpo	0.02	—
Shields ...	—	42	41	NW	2	3	NW	9	ot	—	3
Scarborough ...	29.97 $\frac{1}{2}$	44	40	NNW	3	7	N	7	c	—	4
Yarmouth ...	29.97 $\frac{1}{2}$	43	42	NW	2	6	NNW	6	c	0.18	4
Ardrossan ...	29.96 $\frac{1}{2}$	47	44	W	2	6	N	8	cto	—	2
Greencastle ...	30.00 $\frac{1}{2}$	49	48	NW	5	5	NNE	9	to	0.01	—
Holyhead ...	30.09 $\frac{1}{2}$	44	41	NNW	1	6	NNW	9	co	—	—
Liverpool ...	30.03 $\frac{1}{2}$	—	—	NNW	3	3	NNW	6	c	—	2
Valencia ...	30.24 $\frac{1}{2}$	57	49	N	2	6	N	8	to	0.01	1
Cape Clear ...	30.19 $\frac{1}{2}$	52	50	NW	3	4	NE	6	c	—	1
Roche's Point	30.19 $\frac{1}{2}$	47	44	N	3	6	N	6	c	—	3
Pembroke ...	30.12 $\frac{1}{2}$	45	41	NW	3	6	N	7	oc	0.02	0
Penzance ...	30.15 $\frac{1}{2}$	47	43	NW	4	7	NNE	5	c	—	3
Plymouth ...	30.12 $\frac{1}{2}$	48	43	N	2	5	NNW	6	pcu	—	1
Portsmouth ...	30.04 $\frac{1}{2}$	43	40	N	2	4	NE	7	oc	0.02	1
London ...	30.04 $\frac{1}{2}$	43	39	NNE	3	4	NNW	6	abc	0.01	—
Helder ...	29.85	39	—	NW	7	—	—	—	—	—	5
Cape Gris Nez	29.99 $\frac{1}{2}$	40	38	NNW	4	5	N	8	o	—	3
Brest ...	—	41	37	NW	3	5	N	7	of	—	2
L'Orient ...	30.12 $\frac{1}{2}$	—	—	NE	5	5	NNE	4	c	—	3
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—
Biarritz ...	29.97 $\frac{1}{2}$	46	44	S	3	5	W	5	c	0.28	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.67 $\frac{1}{2}$	42	38	SE	7	8	NNW	3	fb	—	6
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—extremely high sea.

* Rainfall is not reported from the Norwegian stations; and their "extremes" are the observations made at 8 p.m. on the previous day.

Sea
Disturb
(0 to 9)

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DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

April 30th

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	29.43	44	39	E	2	2	ESE	—	cb	—	3
* Skudesnaes ...	29.50	40	37	SE	4	1	NNW	—	o	—	2
* Oxo (Christiansand)	29.52	37	35	SW	4	2	ESE	—	b	—	2
Thurso ...	29.34 ^f	47	45	WNW	5	5	NNW	7	fc	0.19	3
Wick ...	29.31 ^f	46	45	WNW	4	4	WNW	8	so	0.14	3
Nairn ...	29.38 ^f	49	48	WNW	1	2	W	9	o	0.06	2
Aberdeen ...	29.40 ^f	50	46	W	1	3	NNW	7	oc	0.07	2
Leith ...	29.56 ^f	51	48	W	5	3	W	9	co	—	—
Shields ...	—	52	50	W	2	2	W	5	rc	?	3
Scarborough ...	29.65 ^f	52	50	W	2	3	W	8	o	0.25	2
Yarmouth ...	29.71 ^f	47	46	NW	2	3	W	6	cm	0.10	3
Ardrossan ...	29.62 ^f	50	48	W	4	6	—	7	ot	—	4
Greencastle ...	29.67 ^f	51	49	W	5	7	NW	9	r	0.09	—
Holyhead ...	29.81 ^f	49	47	WNW	5	4	WSW	7	oc	—	—
Liverpool ...	29.77 ^f	—	—	WNW	3	3	NW	7	to	0.51	2
Valencia ...	30.04 ^f	50	49	NW	5	6	N	8	fm	0.02	4
Cape Clear ...	30.00 ^f	50	48	NW	6	5	NW	5	c	—	3
Roche's Point	29.96 ^f	51	48	NNW	6	7	NNW	5	ogc	—	3
Pembroke ...	29.89 ^f	48	46	WNW	4	5	W	4	opc	0.04	2
Penzance ...	29.95 ^f	51	49	NW	6	6	WNW	9.6	o	0.03	5
Plymouth ...	29.90 ^f	52	50	WNW	2	3	NW	9	o	0.03	1
Portsmouth ...	29.77 ^f	51	49	N	2	3	N	9	o	0.10	2
London ...	29.76 ^f	49	48	W	3	5	W	9	to	0.12	—
Helder ...	29.64	45	—	S	2	—	—	—	—	—	2
Cape Gris Nez	29.76 ^f	45	45	WSW	4	5	WSW	9	om	0.12	3
Brest ...	—	50	48	NNW	4	4	NNW	9	o	0.12	3
L'Orient ...	29.97 ^f	50	50	NW	5	5	W	9	co	0.08	4
Rochefort ...	30.02 ^f	49	44	W	4	5	NNE	9	co	—	3
Biarritz ...	30.09 ^r	46	44	?NE	1	7	N	9	mo	—	3
Corunna ...	30.17	55	—	NE	3	—	—	—	b	—	2
Brussels ...	29.79	45	—	SSW	3	—	—	—	ot	—	—
Paris ...	29.88	43	—	SW	1	—	—	—	ot	—	—
Strasbourg ...	30.08	42	—	SW	3	—	—	—	b	—	—
Lyons ...	30.02	45	—	N	3	—	—	—	b	—	—
Toulon ...	29.82 ^r	41	36	NW	7	8	NW	5	bc	—	5
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...											
Greencastle ...											
Valencia ..											
Penzance ...											
London ...											
Rochefort ...											

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** exposed in shade. **EXTREME FORCE** with its Direction during last 24 hours. Z.—calm. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squally; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**, snow or hail (melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—extremely high sea.

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REMARKS.

Satur. day

The fall in the barometer noticed in the north yesterday passed in a SE^h direction across the North Sea, and readings in the north of Scotland remained little altered until the evening. During the night, however, a fresh decrease of more than 0.3 in. has taken place in the north and north-west of our Islands, and the mercury has also fallen briskly in the north-west of France. The highest pressure is still at Valencia and exceeds by 0.73 in. that at Wick and by 0.40 in. that at Helder.

Temperature has increased generally, especially on our North Sea coasts, and is very uniform about 50°.

The wind has backed into W on our northern coasts, but is NW^h at the southern stations. In the west of Norway it is SE^h, but is light or moderate everywhere.

Some rain has been general and snow at Thurso. The sky is overcast and the weather damp and unsettled, — with fog in the west. The sea is moderate or calm.

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.
APRIL												
29 th	Rocheport	30.015	46	44	NE	5	5	NW	6	oc	—	3
—	Corunna	30.04	54	—	NE	9	—	—	—	c	—	4
—	Brussels	29.92	47	—	NW	3	—	—	—	o	—	—
—	Paris	29.98	40	—	NNW	1	—	—	—	o	—	—
—	Strasbourg	30.02	41	—	N	3	—	—	—	c	—	—
—	Lyon	29.88	48	—	N	3	—	—	—	o	—	—
—	Heart's Content	29.93 f	37	35	NNW	2	2	NNW	1	b	—	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.