

EIGHT A.M.

WEATHER REPORT. 1870.

Sun-day

May 1st

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	29.36	40	38	NNE	6	6	NNE	—	o	—	4
*Skudesnaes ...	29.16	46	45	ENE	2	6	ESE	—	rof	—	3
*Oxo (Christiansand)	29.18	42	42	? W	4	4	SE	—	orf	—	3
Thurso ...	29.49r	42	39	NNE	9	6	NW	8	gpo	0.28	7
Wick ...											
Nairn ...	29.45r	41	40	NE	7	9	NW	9	o	0.24	5
Aberdeen ...	29.35r	42	41	N	5	3	WNW	9	crq	0.16	4
Leith ...	29.38r	49	45	N	6	7	W	7	c	—	—
Shields ...	—	43	42	NW	4	3	W	7	o	—	4
Scarborough ...	29.36f	48	45	NNW	3	4	WSW	8	o	0.02	3
Yarmouth ...	29.46f	51	47	WSW	4	6	W	6	hrl	—	4
Ardrossan ...	29.44r	46	42	? NW	4	8	NNW	4	gpc	0.09	3
Greencastle ...	29.61r	48	45	N	6	8	WNW	5	rc	0.18	—
Holyhead ...	29.51f	46	44	WNW	6	5	WNW	5	c	—	—
Liverpool ...	29.43f	—	—	NW	4	3	NW	6	c	0.01	3
Valencia ...	29.88s	47	44	NNW	7	8	NNW	4	lpg	0.75	6
Cape Clear ...	29.82f	47	45	NNW	4	7	NW	4	c	—	4
Roche's Point	29.76f	44	40	NNW	7	8	NNW	6	ocg	—	4
Pembroke ...	29.62f	45	41	WNW	6	7	W	7	oc	—	4
Penzance ...	29.77f	52	48	NW	7	7	NNW	3	c	0.05	5
Plymouth ...	29.71f	54	47	WNW	5	6	WNW	5	cp	—	4
Portsmouth ...	29.60f	51	46	NW	4	4	WNW	7	oc	0.01	3
London ...	29.54f	50	46	W	5	6	W	5	abc	—	—
Helder ...											
Cape Gris Nez	29.58f	46	44	WSW	5	4	WSW	9	ma	0.01	4
Brest ...	—	50	46	NW	4	5	NW	8	o	0.01	3
L'Orient ...	29.87f	50	48	WNW	7	5	W	9	or	—	6
Rochefort ...	29.95r	51	49	W	4	5	W	5	rc	0.02	3
Biarritz ...	30.02f	52	50	W	5	5	W	9	or	0.04	4
Corunna ...	30.14	56	—	NE	3	—	—	—	c	—	2
Brussels ...	29.60	50	—	WSW	3	—	—	—	or	—	—
Paris ...	30.09	50	—	WSW	4	—	—	—	o	—	—
Strasbourg ...	29.97	52	—	WSW	6	—	—	—	o	—	—
Lyons ...	29.96	54	—	NE	3	—	—	—	b	—	—
Toulon ...	29.94r	53	46	ENE	4	7	WNW	0	cb	—	3
Heart's Content (9 a.m. local time.)	30.11r	38	37	NNE	1	1	ENE	2	rbf	—	3

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.

day

Reports received too late for insertion in their proper places.

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 2nd

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	29.43	39	36	NNE	6	6	NNE	—	o	—	4
*Skudesnaes ...	29.29	43	41	NW	4	0	Z	—	orb	—	2
*Oxo (Christiansund)	29.32	42	40	Z	0	6	S	—	oc	—	3
Thurso ...	29.86r	41	36	N	6	9	NNE	7	oc	0.03	4
Wick ...	29.82r	42	39	N	4	5	N	8	o	0.03	3
Nairn ...	29.91r	42	38	NE	4	2	NE	6	oc	0.03	4
Aberdeen ...	29.83r	40	38	N	5	7	N	6	oc	0.35	5
Leith ...	29.87r	48	41	N	6	6	N	2	cb	—	—
Shields ...	—	46	43	NE	6	8	NE	2	oc	?	6
Scarborough ...	29.80r	42	40	N	6	6	N	7	c	0.13	5
Yarmouth ...	29.73r	43	42	NNW	4	5	NW	6	bc	0.66	4
Ardrossan ...	30.01r	43	38	? NNE	3	6	NE	4	c	—	2
Greencastle ...	30.03r	42	37	NNE	4	9	N	9	ro	0.03	—
Holyhead ...	29.95r	42	37	NNW	5	7	WNW	9	co	—	—
Liverpool ...	29.79	—	—	NW	3	3	NW	4	c	—	2
Valencia ...	30.13r	47	45	N	4	8	NNW	5	pc	0.32	4
Cape Clear ...	30.08r	47	45	NE	4	5	NE	5	c	—	2
Roche's Point	30.05r	44	41	N	5	8	NNW	5	gc	—	4
Pembroke ...	29.95r	41	39	NW	4	6	NW	7	chp	0.04	2
Penzance ...	29.97r	47	40	NNE	7	7	N	4	gp	0.07	5
Plymouth ...	29.92r	50	44	N	3	7	WNW	5	pgc	0.03	2
Portsmouth ...	29.83r	45	40	NNE	4	4	NW	5	c	0.02	3
London ...	29.81r	42	40	N	4	6	W	9	qpo	0.04	—
Helder ...	29.61	46	—	WNW	4	—	—	—	—	—	2
Cape Gris Nez	29.76r	42	40	N	4	7	W	8	co	—	3
Brest ...	—	—	—	—	—	—	—	—	—	—	—
L'Orient ...	29.93r	46	44	NW	4	7	WNW	6	c	—	3
Rochefort ...	29.91r	50	46	NW	4	5	W	6	c	—	3
Biarritz ...	30.00r	50	48	W	5	7	W	8	r	0.32	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.86f	54	52	SSW	3	4	SSE	5	c	—	2
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ...	—	—	—	—	—	—	—	—	—	—	—
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point ...	—	—	—	—	—	—	—	—	—	—	—

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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EIGHT A.M.

WEATHER REPORT. 1870.

May 3rd

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	29.67	41	37	SSW	2	4	NNW	—	cb	—	3
* Skudesnaes ...	29.38	37	35	NNW	6	8	NW	—	c	—	2
* Oxo (Christiansand)	29.33	37	34	WSW	6	4	SSW	—	c	—	3
Thurso ...	30.02+	40		N	5	6	NNW	8	qpo	0.02	3
Wick ...	29.99+	41	37	NNW	5	5	NW	8	so	0.04	4
Nairn ...	30.03+	40	37	NE	2	6	NE	8	co	0.02	2
Aberdeen ...	29.97+	40	36	NNW	5	6	NNW	8	co	0.05	5
Leith ...	30.02+	43	38	N	4	5	N	5	bc	—	—
Shields ...	—	44	41	NE	6	4	NE	1	c	—	6
Scarborough ...	29.93+	43	39	N	6	7	N	4	c	0.01	5
Yarmouth ...	29.91+	42	40	WNW	3	5	N	6	cm	—	3
Ardrossan ...	30.05+	45	41	N	3	5	NNW	4	c	—	2
Greencastle ...	30.13+	46	41	NNW	2	5	N	2	tb	0.10	—
Holyhead ...	30.06+	44	41	NNW	5	5	NNW	7	c	—	—
Liverpool ...	30.02+	—	—	NW	2	3	NW	6	c	0.01	1
Valencia ...	30.25+	47	44	N	2	4	N	4	tc	0.01	1
Cape Clear ...	30.21+	48	44	NE	4	4	NE	7	c	—	1
Roche's Point	30.19+	46	43	NNW	3	5	N	3	c	—	2
Pembroke ...	30.11+	44	40	WNW	4	6	NNW	9	cgo	0.03	2
Penzance ...	30.18+	49	47	NW	3	7	NNE	—	co	—	3
Plymouth ...	30.14+	47	42	NE	1	5	N	7	com	—	1
Portsmouth ...	30.03+	44	40	NW	4	4	NNE	7	oc	0.01	3
London ...	30.01+	42	39	WNW	4	6	NNW	8	sho	0.02	—
Helder ...	29.78	44	—	N	7	—	—	—	—	—	5
Cape Gris Nez	30.01+	42	40	NW	4	4	NE	6	of	—	3
Brest ...	—	45	43	NNE	4	5	NNW	2	ob	—	5
L'Orient ...	30.17+	42	40	NNE	4	5	NE	2	c	—	2
Rochefort ...	30.12+	45	43	NE	4	5	NW	0	cb	—	3
Biarritz ...	30.11+	47	45	SSW	3	5	W	7	rm	0.28	5
Corunna ...											—
Brussels ...											—
Paris ...											—
Strasbourg ...											—
Lyons ...											—
Toulon ...	29.96+	49	44	N	4	5	SSW	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.

Tues-day

The barometer has continued to rise unsteadily at all but our eastern stations since yesterday, but there a slight fall during the night is reported.

The increase is most noticeable in the southern districts, but the western readings remain highest;— that at Valencia exceeding by 0.47 in. that at Belder, and by 0.92 in. that at Ozo.

Temperature is little changed.

Moderate to fresh N^W winds are prevalent on our coasts this morning, drawing towards NW in the English Channel; while NE^E breezes are again reported in the Bay of Biscay.

Showers of rain and hail have fallen in many parts of our Islands.

The sky has cleared somewhat in the east but is cloudy generally.

The North Sea remains rough.

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.
MAY												
2 ND	Brest	—	48	43	NNW	8	5	NW	—	o	—	3
—	Comuna	30.10	55	—	NE	6	—	—	—	c	—	8
—	Brussels	29.74	46	—	SW	3	—	—	—	o	—	—
—	Paris	29.77	47	—	W	1	—	—	—	o	—	—
—	Strasbourg	29.90	55	—	SW	3	—	—	—	o	—	—
—	Lyon	29.84	57	—	S	3	—	—	—	o	—	—
—	Hearts Content	29.007	37	37	ESE	4	6	SE	8	brq	0.16	4

Note. The Barometer readings reported from Androssan and Liverpool yesterday seem doubtful.

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Wednesday

May 4th

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	39	37	SSW	4	6	NNW	—	c	—	4
* Skudesnaes ...	29.84	43	38	NW	4	4	?NW	—	b	—	2
* Oxo (Christiansund)	29.75	40	36	NNE	4	4	NNE	—	c	—	2
Thurso ...	30.17+	44	40	NNW	4	5	N	5	oc	—	2
Wick ...	30.15+	44	42	NW	4	5	NNW	7	oc	—	3
Nairn ...	30.20+	44	41	NE	2	3	NE	6	c	—	2
Aberdeen ...	30.18+	40	39	NNW	4	6	N	4	hpc	—	4
Leith ...	30.21+	48	41	NNW	3	4	N	1	b	—	—
Shields ...	—	44	42	NE	4	4	NE	—	o	—	4
Scarborough ...	30.17+	45	41	N	5	8	N	7	c	—	4
Yarmouth ...	30.12+	42	40	NW	4	6	N	6	c	—	4
Ardrossan ...	30.25+	44	40	NNW	2	2	?N	1	cb	—	1
Greencastle ...	30.27+	45	43	N	3	3	NNW	6	e	—	—
Holyhead ...	30.24+	45	42	NNW	4	5	NNW	7	c	—	—
Liverpool ...	30.23+	—	—	NE	2	3	NW	2	c	—	1
Valencia ...	30.34+	49	46	NNE	3	2	N	5	oc	—	3
Cape Clear ...	30.28+	49	48	?W	1	3	NW	7	c	—	0
Roche's Point	30.30+	49	46	N	3	4	N	7	c	—	2
Pembroke ...	30.25+	46	42	NNW	2	5	NW	9	co	—	1
Penzance ...	30.28+	52	50	N	3	3	NW	—	co	—	4
Plymouth ...	30.25+	47	44	Z	0	5	NNW	7	cf	—	1
Portsmouth ...	30.20+	44	40	N	1	4	NW	3	oc	—	1
London ...	30.20+	44	40	NNW	2	5	NW	6	rbcc	0.01	—
Helder ...	29.95	44	—	NW	6	—	—	—	—	—	5
Cape Gris Nez	30.16+	44	37	NNW	4	5	NNW	4	oc	0.04	3
Brest ...	—	49	45	NNW	3	4	N	2	cb	—	2
L'Orient ...	30.27+	43	43	NE	1	5	NNE	6	c	—	2
Rochefort ...	30.22+	?46	?44	NE	4	5	NW	0	b	—	3
Biarritz ...	30.21+	52	50	SE	1	4	NW	9	co	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.02+	44	39	WNW	5	5	SW	2	b	—	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.

Wednesday

The barometer has again risen at all stations, and the change being greatest in Norway readings have become much more uniform; but the highest (at Valencia) is still 0.59 in. higher than that at Oxo.

Temperature has risen a little generally.

The winds are now light to moderate from the NW on our coasts, but draw NE^{ly} in the west of France. The increase in force at Scarborough reported yesterday afternoon appears to have been quite local.

Hail showers are again reported from Aberdeen. The sky continues cloudy. 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.
MAY												
3 RD	Cornwall	30.14	54	—	NE	6	—	—	—	c	—	4
—	Brussels	29.93	43	—	NW	3	—	—	—	c	—	—
—	Paris	30.05	41	—	NW	1	—	—	—	c	—	—
—	Strasbourg	30.05	44	—	SW	3	—	—	—	ot	—	—
—	Lyon	30.15	50	—	NW	3	—	—	—	r	—	—
—	Heart's Content	29.62	34	33	N	4	6	N	9	fog	0.04	6
Corrections.												
—	Thurso	—	36	—	—	—	—	—	—	—	—	—
—	Penzance	—	—	—	—	—	—	—	4	c	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 5th

Thursday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.02	40	36	SW	2	6	NNW	—	c	—	4
* Skudesnaes	29.99	48	41	Z	0	6	NW	—	b	—	1
* Oxo (Christiansand)	29.93	41	36	NNW	4	4	NNW	—	cb	—	2
Thurso	30.21+	45	44	N	3	6	WNW	7	nf	0.05	1
Wick	30.22+	46	45	NNW	4	4	NW	8	co	0.02	2
Nairn	30.23+	48	46	N	1	2	NW	8	co	—	2
Aberdeen	30.21+	45	44	N	2	5	NNW	9	ct	0.03	3
Leith	30.24+	50	45	NW	2	3	?NW	5	ba	—	—
Shields	—	51	48	ENE	2	2	E	6	c	—	4
Scarborough	30.23+	48	45	N	2	5	N	9	co	—	3
Yarmouth	30.22+	46	43	WNW	2	4	NNW	6	cm	—	2
Ardrossan	30.28+	48	44	NNW	3	4	NNW	5	bc	—	2
Greencastle	30.35+	50	47	NNW	1	3	N	5	c	—	—
Holyhead	30.32+	46	43	WNW	1	3	NNW	9	co	—	—
Liverpool	30.28+	—	—	NW	3	3	NW	7	co	—	2
Valencia	30.40+	57	47	NNE	1	2	N	8	co	—	0
Cape Clear	30.34+	57	47	?NW	2	1	NW	8	co	—	1
Roche's Point	30.37+	50	47	N	1	3	?NNW	9	co	—	1
Pembroke	30.33+	47	43	N	3	4	NW	9	co	—	1
Penzance	30.36+	53	51	N	3	3	N	2	c	—	3
Plymouth	30.33+	49	41	NNW	2	3	NNW	1	cb	—	1
Portsmouth	30.27+	46	42	N	1	2	NW	4	c	—	1
London	30.27+	46	43	NNW	2	4	NNW	6	obc	—	—
Helder	30.14	44	—	WNW	?7	—	—	—	—	—	5
Cape Gris Nez	30.26+	45	43	N	1	4	NW	9	co	—	1
Brest	—	46	44	NE	1	4	NNW	5	oc	—	2
L'Orient	30.35+	44	42	NE	3	5	W	0	cb	—	2
Rochefort	30.28+	47	45	E	4	5	NW	0	b	—	3
Biarritz	30.23+	53	49	SE	3	7	N	0	b	—	3
Corunna	30.12	57	—	NE	1	—	—	—	b	—	2
Brussels	30.26	45	—	SW	3	—	—	—	c	—	—
Paris	30.31	42	—	W	1	—	—	—	—	—	—
Strasbourg	30.41	44	—	N	3	—	—	—	b	—	—
Lyons	30.26	47	—	N	3	—	—	—	b	—	—
Toulon	30.05+	55	48	NNE	1	7	W	1	b	—	2
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.

Thursday

The barometer has risen slightly at all stations and is now high and uniform; the reading at Valencia being only 0.47 in. higher than that at Oxo.

Temperature has risen somewhat— chiefly in the north of our Islands— and is also uniform.

The winds are light generally. In direction they continue N⁴ at our stations, drawing gradually to NE in the west of France.

A little rain has fallen in the north of Scotland. The sky has cleared in the south of England, and west of France, but is very cloudy elsewhere.

The sea is calm except at Helder.

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.
MAY												
4 th	Corunna	30.11	55	—	NE	—	—	—	—	b	—	8
---	Brussels	30.13	46	—	WSW	3	—	—	—	c	—	—
---	Paris	30.18	42	—	W	1	—	—	—	b	—	—
---	Strasbourg	30.28	43	—	NW	1	—	—	—	b	—	—
---	Lyon	30.18	47	—	NW	3	—	—	—	c	—	—
---	Heart's Content	29.767	32	—	NNE	2	5	N	9	o'g's	0.03	3
---	Correction - Panzance.	Amount of Cloud should be 8.										

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Fri-day

May 6th

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	29.81	39	38	WNW	6	6	WSW	—	o	—	4
*Skudesnaes ...	29.93	43	43	NW	4	4	NW	—	bot	—	2
*Oxo (Christiansund)	29.87	43	39	WSW	6	2	NNW	—	bc	—	3
Thurso ...	30.24 ^r	47	46	NW	5	5	NW	8	ro	0.16	1
Wick ...	30.13 ^r	49	47	NW	6	4	NNW	8	o	0.02	3
Nairn ...	30.30 ^r	50	47	NW	1	1	NNW	8	o	0.11	2
Aberdeen ...	30.25 ^f	50	46	NNW	3	4	N	6	oc	0.03	2
Leith ...	30.28 ^r	55	50	WNW	3	2	NW	7	c	—	—
Shields ...	—	53	51	NE	2	2	NE	6	nc	?	3
Scarborough ...	30.29 ^r	52	49	NNW	2	4	N	8	co	—	2
Yarmouth ...	30.29 ^r	46	44	NW	2	3	NNE	4	c	—	2
Ardrossan ...	30.36 ^r	49	45	NNW	3	4	NW	4	c	—	2
Greencastle ...	30.42 ^r	51	47	NNW	2	3	N	6	oc	—	—
Holyhead ...	30.36 ^r	46	45	WNW	1	3	WNW	9	o	—	—
Liverpool ...	30.33 ^r	—	—	NW	2	2	NW	8	co	—	1
Valencia ...	30.46 ^r	50	46	E	3	3	NNE	8	co	—	1
Cape Clear ...	30.42 ^r	50	47	NE	2	1	W	8	co	—	1
Roche's Point	30.42 ^r	49	45	NE	3	3	NE	9	co	—	1
Pembroke ...	30.35 ^s	47	45	NNW	2	4	NNW	9	co	—	1
Penzance ...	30.38 ^r	54	52	ENE	3	3	NE	—	c	—	2
Plymouth ...	30.34 ^r	57	57	NW	2	3	N	1	bm	—	1
Portsmouth ...	30.42 ^r	50	47	Z	0	2	NNW	8	co	—	0
London ...	30.32 ^r	48	45	N	2	4	NW	8	bo	—	—
Helder ...	30.24	43	—	NNW	3	—	—	—	—	—	2
Cape Gris Nez	30.28 ^r	43	39	N	4	3	W	9	fo	—	3
Brest ...	—	47	45	NNE	3	5	NNW	0	b	—	2
L'Orient ...	30.32 ^r	44	44	NE	3	5	W	5	c	—	2
Rochefort ...	30.23 ^r	48	44	E	4	5	NW	0	b	—	3
Biarritz ...	30.21 ^r	59	55	N	3	7	N	0	b	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.00 ^f	59	46	ENE	3	1	WSW	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.

Fri-day

Although the barometer has continued to rise at all our stations and is high and uniform over the British Isles it is again giving way in Norway, and the reading at Christiansund is half an inch lower than that at Naion, and is 0.5 in. lower than that at Valencia.

Temperature has again increased at the British Stations and is uniform, but at Skudesnaes it has fallen 5°.

The winds are light from the NE^{wd} in the southern districts, but have backed to the NW in the north with some rain, and freshened at Thurso and Wick.

The sky is overcast or cloudy except in the extreme south. The sea is slightly disturbed on the northern coasts, but very calm in the English and Irish Channels.

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.
MAY												
5 TH	Hearts Content	29.25f	32	-	NE	2	4	NNE	8	2.3m	0.33	3
	<u>Correction</u>											
	Cape Clear	-	-	-	NE	-	-	-	-	-	-	-

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Saturday

May 7th

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	30.02	39	35	SW	6	6	W	—	o r	—	5
*Skudesnaes ...	30.10	42	37	NNW	6	6	NNW	—	b	—	2
*Oxo (Christiansand)	29.99	45	40	N	6	4	NNW	—	b	—	2
Thurso ...	30.28r	47	45	NW	4	6	NW	8	nz h	0.06	1
Wick ...	30.28r	48	46	NW	4	5	NW	8	o	0.03	2
Nairn ...	30.33f	50	47	NW	1	2	NW	6	c	—	1
Aberdeen ...	30.32r	49	44	NNW	2	4	N	8	co	—	2
Leith ...	30.30r	54	48	E	2	2	E	1	b	—	—
Shields ...	—	50	48	E	2	2	NE	6	e	—	2
Scarborough...	30.34r	49	47	NNE	2	2	NE	9	co	—	2
Yarmouth ...	30.31r	48	46	NNW	3	3	W	8	c	—	3
Ardrossan ...	30.35r	48	44	NW	2	4	NW	2	cb	—	1
Greencastle ...	30.36f	50	47	NE	1	4	NNW	7	oc	—	—
Holyhead ...	30.35f	47	47	WNW	2	8	NNW	9	co	—	—
Liverpool ...	30.34r	—	—	W	1	2	W	8	co	—	1
Valencia ...	30.38f	52	47	N	1	2	N	9	o	—	0
Cape Clear ...	30.34f	53	49	E	1	1	NW	8	o	—	0
Roche's Point	30.35f	53	50	S	1	2	NE	8	cb	—	0
Pembroke ...	30.33r	50	47	Z	0	4	N	0	cb	—	0
Penzance ...	30.37r	59	56	E	3	3	ENE	0	cb	—	2
Plymouth ...	30.34r	57	51	NW	1	3	NW	1	b f	—	1
Portsmouth ...	30.30r	50	47	E	1	1	W	3	oc	—	1
London ...	30.32r	50	47	ENE	1	3	NNE	5	bmc	—	—
Helder ...	30.22	44	—	N	6	—	—	—	—	—	4
Cape Gris Nez	30.29f	46	44	NE	4	4	N	9	co	—	2
Brest ...	—	46	42	NE	1	4	NNE	0	b	—	3
L'Orient ...	30.33r	48	46	NE	4	4	ESE	3	bc	—	2
Rochefort ...	30.23r	46	42	NW	4	4	NW	0	cb	—	3
Biarritz...	30.15r	54	50	NE	3	5	N	2	bc	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon...	29.94f	50	46	NE	4	3	SSW	5	bc	—	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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REMARKS.

Satur day

Barometrical readings in Norway have recovered from the decrease shown yesterday and there is little change on our own and the French coasts, except a slight decrease during the night at our western stations. Pressure is very uniform, the greatest difference between any two readings being 0.39 in. (Valencia to Ozo).

Temperature has varied somewhat, but now differs slightly from that of yesterday, beyond being rather higher in the south.

Light to moderate NW^h winds are reported from the northern coasts, with a N^h breeze over the North Sea, and light NE^h winds in the Channel and France; while Ireland is calm.

The sky is again very cloudy, except in the south and hail is falling at Thurso. The sea is calm,—especially in the English & Irish Channels.

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.
MAY												
6 th	Corunna	30.14	59	—	NE	3	—	—	—	b	—	2
—	Brussels	30.14	46	—	NE	1	—	—	—	no	—	—
—	Paris	30.16	47	—	N	7	—	—	—	o	—	—
—	Strasbourg	30.31	46	—	SW	1	—	—	—	o	—	—
—	Lyon	30.10	50	—	N	3	—	—	—	c	—	—
—	Heart's Content	29.495	32	—	WNW	5	5	WNW	4	mts	0.23	5
Correction—												
—	Portsmouth	30.32	—	—	—	—	—	—	—	—	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Sun-day

May 8th

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	30.09	43	42	SW	6	10	SW	—	o	—	3
* Skudesnaes ...	30.17	49	46	NW	4	4	NNW	—	b	—	1
Oxo (Christiansund)	30.15	46	45	SE	2	2	SSW	—	bf	—	1
Thurso ...	30.337	50	45	NNW	2	5	NW	3	c	—	1
Wick ...	30.337	50	48	SSE	3	4	NW	6	oc	—	2
Nairn ...	30.327	49	46	E	1	1	E	6	oc	—	1
Aberdeen ...	30.347	51	46	S	1	2	NNW	1	cb	—	1
Leith ...	30.277	54	49	NE	2	2	NE	2	bm	—	—
Shields ...	—	52	49	SW	3	2	SE	6	c	—	2
Scarborough ...	30.377	53	49	SSE	1	2	NE	2	b	—	1
Yarmouth ...	30.377	50	46	NNE	3	3	N	4	c	—	3
Ardrossan ...	30.327	50	47	NNE	2	2	SW	8	bo	—	1
Greencastle ...	30.317	51	45	ESE	1	2	NE	4	c	—	—
Holyhead ...	30.307	50	47	WNW	1	2	WNW	7	oc	—	—
Liverpool ...	30.317	—	—	SE	2	2	W	0	cb	—	1
Valencia ...	30.267	52	49	S	3	3	N	5	bc	—	1
Cape Clear ...	30.277	49	48	SE	1	1	SW	8	co	—	0
Roche's Point	30.247	53	49	ESE	2	2	ESE	5	c	—	1
Pembroke ...	30.267	51	48	E	2	3	N	6	cm	—	2
Penzance ...	30.317	6.2	55	S	2	2	SSE	1	cf	—	2
Plymouth ...	30.377	54	50	WSW	2	1	NW	3	m	—	1
Portsmouth ...	30.307	55	49	SSE	3	2	S	4	c	—	2
London ...	30.347	49	46	E	3	3	NE	9	cb	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.317	43	43	NE	4	5	NE	9	om	—	2
Brest ...	—	48	44	E	4	3	NNE	8	bo	—	3
L'Orient ...	30.277	46	44	NE	5	4	NNW	2	c	—	3
Rochefort ...	30.177	47	43	ENE	5	5	NE	0	cb	—	3
Biarritz ...	30.135	54	52	SW	7	5	N	7	cm	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	30.29	46	—	ENE	3	—	—	—	c	—	—
Paris ...	30.24	46	—	NNE	6	—	—	—	cf	—	—
Strasbourg ...	30.32	46	—	N	3	—	—	—	b	—	—
Lyons ...	30.16	55	—	N	3	—	—	—	b	—	—
Toulon ...	30.057	53	49	NNW	3	3	SSW	2	cb	—	3
Heart's Content (9 a.m. local time.)	29.737	37	35	WSW	2	2	WSW	8	sgo	—	3

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.

day

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 9th

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	30.05	46	42	SW	4	6	SW	—	o	—	3
* Skudesnaes ...	30.19	46	45	WNW	2	4	NW	—	bc	—	2
* Oxo (Christiansand)	30.10	44	40	N	2	2	—	—	b	—	1
Thurso ...	30.19 ⁷	46	44	SSE	1	3	N	5	bc	—	0
Wick ...	30.18 ⁷	47	46	SE	3	3	SE	6	c	—	2
Nairn ...	30.17 ⁷	48	46	Z	0	1	E	6	c	—	1
Aberdeen ...	30.20 ⁷	49	46	S	1	1	S	1	b	—	1
Leith ...	30.21 ⁷	54	50	SSE	2	2	NE	1	ob	—	—
Shields ...	—	49	47	SW	2	2	S	8	cm	—	2
Scarborough ...	30.27 ⁷	51	47	SSW	1	2	SSE	0	b	—	2
Yarmouth ...	30.24 ⁷	48	46	NNE	2	4	NE	4	c	—	2
Ardrossan ...	30.20 ⁷	52	48	SE	2	1	SW	4	c	—	1
Greencastle ...	30.15 ⁷	50	48	SSW	1	1	ESE	7	cm	—	—
Holyhead ...	30.21 ⁷	50	47	SSE	1	2	NNW	7	cm	—	—
Liverpool ...	30.21	—	—	SE	1	2	SE	7	co	—	1
Valencia ...	30.07 ⁷	53	51	SW	2	2	S	5	hc	0.25	1
Cape Clear ...	30.07 ⁷	53	52	SW	4	3	SSW	6	oc	0.49	2
Roche's Point	30.08 ⁷	50	50	S	5	5	E	9	co	0.45	3
Pembroke ...	30.18 ⁷	51	49	SE	1	3	SE	8	mf	—	0
Penzance ...	30.20 ⁷	49	47	SSE	4	4	S	8	mo	—	3
Plymouth ...	30.21 ⁷	50	45	ENE	3	3	S	7	co	—	2
Portsmouth ...	30.20 ⁷	48	44	W	2	3	SSE	7	c	—	1
London ...	30.25 ⁷	45	42	ENE	3	4	E	9	bco	—	—
Helder ...	30.20	43	—	N	4	—	—	—	—	—	2
Cape Gris Nez	30.21 ⁷	46	42	E	4	4	NE	6	oc	—	2
Brest ...	—	45	43	NE	3	5	ENE	8	bo	—	3
L'Orient ...	30.17 ⁷	44	44	ENE	4	5	ENE	1	cb	—	2
Rochefort ...	30.09 ⁷	52	48	E	4	5	NW	0	b	—	3
Biarritz ...	30.11 ⁷	56	52	W	3	5	SW	0	cb	—	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 ...	—	—	—	—	—	—	—	—	—	—	—

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

The changes in barometrical pressure since Saturday have been very small. The slight decrease noticed on our western coasts was again reported yesterday, and has to-day extended to our other stations, but readings are remarkably uniform: that at Scarborough exceeding by only 0.2 in. those in the south-west of Ireland.

Temperature also is not changed much being merely a little lower in the Channel than it was on the 7th.

Winds are light everywhere, and except in the north of Scotland, tend to circulate round the highest barometrical readings (on our east coast); being E^{ly} in the south, S^{ly} in Ireland, SW^{ly} in the north of England, and N^{ly} in the south-east.

The weather though finer than of late, is still cloudy, with much mist and fog on our coasts. The seas 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.	Sea.
MAY												
7 th	Corunna	30.13	58	—	NE	3	—	—	—	b	—	2
—	Brussels	30.26	47	—	NNE	3	—	—	—	o	—	—
—	Paris	30.26	46	—	NE	4	—	—	—	o	—	—
—	Strasbourg	30.35	44	—	N	3	—	—	—	b	—	—
—	Lyon	30.08	49	—	N	3	—	—	—	b	—	—
—	Heart's Content	29.81+	35	35	SW	2	5	WNW	8	9.50	0.06	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 10th

Tides-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	30.01	45	42	SW	4	6	WSW	—	co	—	—
* Skudesnaes ...	30.03	43	41	NNW	2	4	NNW	—	b cf	—	2
* Oxo (Christiansand)	30.01	46	44	N	2	2	SW	—	b	—	1
Thurso ...	29.98 f	50	47	SSW	1	4	ESE	0	mb	—	0
Wick ...	29.98 f	49	48	SE	2	3	SE	4	c	—	2
Nairn ...	29.97 f	48	46	E	1	1	E	6	c	—	1
Aberdeen ...	30.00 f	48	46	S	1	1	SSE	6	bc	—	1
Leith ...	29.95 f	52	51	NNE	1	2	SE	1	om	—	—
Shields ...	—	49	47	SE	2	2	SSE	1	cb	—	2
Scarborough ...	30.01 f	50	47	SSE	2	3	SSE	1	b	—	2
Yarmouth ...	30.01 f	47	45	ESE	2	3	NE	6	c	—	2
Ardrossan ...	29.96 f	53	49	E	1	1	SE	8	co	—	1
Greencastle ...	29.92 f	53	51	Z	0	2	SSW	7	m	—	—
Holyhead ...	29.94 f	47	46	ESE	1	1	NNW	9	cf	—	—
Liverpool ...	29.97 f	—	—	SE	2	2	SE	6	c	—	1
Valencia ...	29.86 f	52	50	SSW	2	3	SW	6	p	0.05	1
Cape Clear ...	29.86 f	54	53	SW	1	3	SW	6	c	0.09	1
Roche's Point	29.88 f	50	48	SSW	4	6	SSW	9	o	0.18	3
Pembroke ...	29.92 f	51	49	SE	1	2	SSW	5	f	—	1
Penzance ...	29.96 f	53	51	SE	2	3	S	—	c	—	2
Plymouth ...	29.98 f	47	44	Z	0	4	SE	7	cf	—	1
Portsmouth ...	29.95 f	47	45	SE	1	3	SSE	8	co	—	1
London ...	29.98 f	46	43	ENE	2	3	E	9	cb o	—	—
Helder ...	29.98	45	—	NNE	2	—	—	—	—	—	2
Cape Gris Nez	29.98 f	43	41	E	4	5	ENE	4	oc	—	2
Brest ...	—	48	44	NE	3	4	N	2	b	—	2
L'Orient ...	29.92 f	46	46	ENE	1	5	W	0	b	—	2
Rochefort ...	29.95 f	53	51	N	4	5	NW	0	b	—	3
Biarritz ...	—	—	—	—	—	—	—	—	—	—	—
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.92 f	52	48	N	4	1	W	7	—	—	2
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.

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EIGHT A.M.

WEATHER REPORT. 1870.

May 11th

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	29.89	57	46	Z	0	2	S	—	b	—	4
*Skudesnaes ...	29.77	50	46	WNW	2	2	N	—	bc	—	1
*Oxo (Christiansand)	29.80	49	47	ENE	6	6	NE	—	oc	—	—
Thurso ...	29.60f	45	41	ESE	5	5	SE	6	oc	—	1
Wick ...	29.71f	46	44	ESE	5	4	SE	5	c	—	3
Nairn ...	29.62f	48	44	E	2	1	E	4	mc	—	1
Aberdeen ...	29.71f	45	43	SE	2	1	S	6	c	—	2
Leith ...	29.63f	48	45	SE	3	3	E	5	bc	—	—
Shields ...	—	48	46	SSE	2	2	SSE	1	cb	—	2
Scarborough...	29.70f	49	46	S	4	3	SE	7	bc	—	3
Yarmouth ...	29.77f	45	43	SE	3	3	E	6	c	—	3
Ardrossan ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	29.39f	50	47	E	3	1	S	7	mc	—	—
Holyhead ...	29.44f	48	47	ESE	2	2	NNW	9	fct	0.40	—
Liverpool ...	29.53f	—	—	ESE	2	2	SE	8	ct	0.08	1
Valencia ...	29.04f	54	45	S	5	3	SW	9	ct	0.48	3
Cape Clear ...	29.09f	53	52	SW	6	4	SSW	9	ot	0.73	5
Roche's Point	29.11f	52	52	S	7	7	S	9	ot	0.65	5
Pembroke ...	29.34f	47	47	SE	7	7	SE	9	t	0.88	4
Penzance ...	29.41f	52	52	S	6	5	SE	9	to	0.20	6
Plymouth ...	29.51f	52	51	SSE	6	4	SE	9	ct	0.12	5
Portsmouth ...	29.66f	57	48	SSE	3	3	SSE	7	c	—	2
London ...	29.69f	49	46	SE	2	4	ENE	9	cbo	—	—
Helder ...	29.81	46	—	N	2	—	—	—	—	—	2
Cape Gris Nez	29.75f	50	46	ESE	1	4	E	0	b	—	1
Brest ...	—	53	51	S	7	7	S	9	t	0.16	5
L'Orient ...	29.71f	52	52	W	5	5	WNW	9	ct	—	3
Rochefort ...	29.87f	54	52	S	4	5	NW	8	bo	—	3
Biarritz...	29.86f	53	51	ESE	3	4	W	3	cf	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon...	29.87f	53	51	WSW	1	4	WSW	4	bc	—	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

During the night the decrease in pressure became very rapid and the change in the south of Ireland amounts to 0.8 in. since yesterday afternoon while it diminishes gradually E^{nds} to 0.2 in. at Helder.

Readings are still pretty uniform in the east and south-east, but the difference between Rochefort and Valencia is 0.83 in., and 0.67 in. between Wick and Valencia.

Temperature has not changed much, but it is rather higher in the south and west, while a fall is shown in the north and east.

Fresh to strong S^W winds are reported in the west this morning, and the NE^W current has disappeared from the Bay of Biscay, but on our east coast and in Scotland light to fresh SE^W breezes still hold.

Rain has fallen heavily in the south-west but elsewhere weather has been fair though the sky continues cloudy. The sea is rough on our south-west coasts.

Warnings issued to the west and north coasts.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
MAY												
10 th	Bruxelles	29.98 f	52	50	SW	4	4	SW	6	cf	—	3
—	Corunna	30.00	57	—	NE	3	—	—	—	c	—	2
—	Brussels	29.98	45	—	ENE	3	—	—	—	a	—	—
—	Paris	29.92	47	—	N	2	—	—	—	a	—	—
—	Strasbourg	30.06	53	—	NE	3	—	—	—	c	—	—
—	Lyon	29.94	59	—	S	3	—	—	—	a	—	—
—	Heart's Content	30.22 +	41	39	NE	2	3	WNW	2	h	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 12th

Thursday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.58	50	46	NNE	4	4	NNE	—	b	—	2
* Skudesnaes ...	29.45	45	45	E	4	4	S	—	of	—	3
* Oxo (Christiansand)	29.60	45	45	ESE	4	6	NE	—	cof	—	2
Thurso ...	29.05f	45	44	E	3	6	ESE	6	of	0.22	1
Wick ...	29.04f	46	46	ESE	3	6	ESE	8	no	0.18	4
Nairn ...	29.03f	48	46	SSW	2	6	SE	2	ob	0.15	1
Aberdeen ...	29.10f	50	48	S	3	6	SE	1	cb	0.31	5
Leith ...	29.07f	50	47	S	5	5	SE	8	o	0.29	—
Shields ...	—	52	49	SW	4	5	SW	6	oc	—	5
Scarborough ...	29.27f	54	51	SSW	5	8	SSE	5	nc	0.46	4
Yarmouth ...	29.47f	54	51	SSW	4	6	SE	4	c	0.46	4
Ardrossan ...	29.01f	49	46	SSW	6	6	SE	4	rgc	0.78	5
Greencastle ...	28.84f	50	47	SSE	3	7	E	9	no	0.31	—
Holyhead ...	29.10r	49	47	S	8	6	ESE	7	nc	0.58	—
† Liverpool ...	29.20f	53	48	SE	2	4	SE	7	no	0.35	2
Valencia ...	28.82f	48	47	WSW	9	11	WSW	8	nhm	0.58	9
Cape Clear ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point	28.98r	49	47	SW	9	9	SW	9	no	0.62	7
Pembroke ...	29.17r	49	46	SSW	8	9	SSW	7	nc	1.04	5
Penzance ...	29.37r	56	55	W	6	7	SSW	6	gr	0.70	5
Plymouth ...	29.43r	54	51	SW	7	8	S	5	nc	1.14	5
Portsmouth ...	29.49r	53	50	SW	6	6	SW	6	nc	0.63	5
London ...	29.46r	53	50	WSW	6	8	SW	6	rbg	0.21	—
Helder ...	29.51	52	—	SW	6	—	—	—	—	—	4
Cape Gris Nez	29.56r	49	47	—	7	7	—	—	—	0.43	4
Brest ...	—	53	49	W	5	7	W	—	no	1.12	5
L'Orient ...	29.67r	53	51	WSW	7	5	SW	7	nc	0.83	5
Rochefort ...	29.83r	54	52	SW	5	5	SW	0	rb	0.08	3
Biarritz ...	29.93r	58	54	W	4	3	ENE	9	mo	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.89r	58	56	W	1	4	S	3	bc	—	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.
† At Liverpool the thermometer are 4 ft. 6 in. above the ground.

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EIGHT A.M.

WEATHER REPORT. 1870. *May 13th**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	29.50	51	47	NE	4	6	? NNE	—	c	—	2
*Skudesnaes ...	29.48	47	46	SE	6	6	SSE	—	c	—	4
*Oxo (Christiansand)	29.63	50	48	S	6	4	SSW	—	foc	—	3
Thurso ...	29.072	51	46	S	4	6	SSE	5	mfc	—	1
Wick ...	29.082	48	47	SSE	5	6	ESE	7	c	—	4
Nairn ...	29.112	52	48	WSW	4	2	SSW	6	c	—	2
Aberdeen ...	29.232	47	45	S	4	6	S	8	co	0.07	4
Leith ...	29.252	54	47	SW	6	6	S	4	pgc	0.03	—
Shields ...	—	55	50	W	7	6	SW	1	zb	?	3
Scarborough...	29.522	55	50	SW	5	8	SSW	3	gpc	—	4
Yarmouth ...	29.712	56	53	SSW	4	6	SW	4	c	—	3
Ardrossan ...	29.262	49	46	SW	6	9	SW	5	pc	0.23	7
Greencastle ...	29.212	51	48	SW	5	7	S	6	zc	0.14	—
Holyhead ...	29.422	50	49	SSW	6	9	SSW	7	c	—	—
Liverpool ...	29.422	54	50	WNW	3	5	SW	7	o	0.01	2
Valencia ...	29.292	50	47	SW	5	8	W	5	p	0.14	6
Cape Clear ...											
Roche's Point	29.352	51	48	SW	5	9	W	3	oc	0.08	5
Pembroke ...	29.472	51	49	S	5	9	SW	8	o	0.03	4
Penzance ...	29.542	53	53	SW	3	7	SW	9	z	0.34	4
Plymouth ...	29.582	53	52	S	5	7	SW	9	crw	—	4
Portsmouth ...	29.682	54	51	WSW	6	8	WSW	6	c	0.01	5
London ...	29.702	54	52	SW	7	8	SW	9	cgr	0.01	—
Helder ...	29.79	54	—	SW	6	—	—	—	—	—	4
Cape Gris Nez	29.802	51	49	WSW	7	7	SW	5	oc	0.04	5
Brest ...	—	53	53	SSW	7	7	S	9	z	0.47	5
L'Orient ...	29.762	52	52	W	8	7	WSW	?	cz	0.12	7
Rochefort ...	29.962	59	55	S	4	5	SW	9	co	—	3
Biarritz...	30.002	54	50	W	1	4	W	5	mfc	—	7
Corunna ...											
Brussels ...											
Paris ...											
Strasbourg ...											
Lyons ...											
Toulon ...	30.062	65	58	N	1	4	WSW	2	eb	—	2
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

The barometrical depression which existed in the west of Ireland yesterday has passed northwards, and been succeeded by a brisk recovery of pressure at all stations.

Readings in the north-west, however, are still much lower than those in the south—Greenacastle being 0.8 in. less than Biarritz—and the rise at Valencia has slackened considerably in the night.

Temperature has again risen except in the Channel and is uniformly high.

There was a hard SW⁺ gale in Ireland and the Irish Sea yesterday, and it also blew hard on the south and south-east coast of England from the same quarter.

The wind subsequently veered W^{ind} and moderated, but has since backed to SW again at the western stations, with rain.

Rain has been general but not heavy. The sky is cloudy except in the north-east, and the weather very unsettled. The sea is generally rather rough, and very high at Ardrossan, and in the Bay of Biscay.

Warnings repeated to the western coasts.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
MAY												
12 th	Corunna	29.90	60	—	SW	3	—	—	—	c	—	2
—	Brussels	29.84	56	—	SW	3	—	—	—	c	—	—
—	Paris	29.73	54	—	SW	7	—	—	—	b	—	—
—	Strasbourg	29.94	57	—	SW	1	—	—	—	r	—	—
—	Lyons	29.86	62	—	S	93	—	—	—	r	—	—
—	Heart's Content	30.117	45	44	WSW	1	2	NNE	8	bo	—	2
—	Correction											
—	Bape Gris Nez	—	—	—	WSW	—	—	SSW	—	—	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 14th

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	29.53	50	44	ENE	6	6	WSW	—	oc	—	4
* Skudesnaes ...	29.56	46	45	SSE	6	6	SSE	—	co	—	4
* Oxo (Christiansand)	29.63	46	46	SSW	6	4	SSW	—	of	—	4
Thurso ...	29.26+	51	47	W	1	6	S	5	c	0.04	0
Wick ...	29.29+	51	49	WNW	3	4	SSE	7	a	—	2
Nairn ...	29.28+	50	47	SW	1	6	WSW	1	cb	0.07	1
Aberdeen ...	29.34+	53	50	SW	1	4	S	5	c	0.06	1
Leith ...	29.39+	52	49	SW	6	6	SW	6	bcp	0.04	—
Shields ...	—	50	47	W	6	6	W	5	c	?	4
Scarborough ...	29.61+	56	53	SW	5	5	SW	7	qpc	0.35	4
Yarmouth ...	29.80+	55	52	SW	3	6	SSE	4	c	0.11	3
Ardrossan ...	29.41+	49	47	SW	6	6	SW	4	cp	0.25	5
Greencastle ...	29.42+	50	48	SW	4	6	SW	9	no	0.31	—
Holyhead ...	29.61+	51	49	SSW	8	9	SSW	7	c	0.03	—
† Liverpool ...	29.62+	59	52	SW	2	3	SW	4	nc	0.18	2
Valencia ...	29.64+	53	51	WSW	5	6	W	3	p	0.27	5
Cape Clear ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point	29.63+	52	50	WSW	5	8	WSW	9	go	0.11	6
Pembroke ...	29.70+	51	49	SW	6	7	SW	—	cgm	0.01	4
Penzance ...	29.80+	—	—	W	6	7	SW	3	c	0.08	5
Plymouth ...	29.88+	54	52	WSW	6	8	WSW	6	c	0.11	5
Portsmouth ...	29.88+	53	51	WSW	6	8	WSW	7	oc	0.37	5
London ...	29.84+	55	52	WSW	5	8	SW	7	qbc	0.17	—
Helder ...	29.83	52	—	SW	7	—	—	—	—	—	4
Cape Gris Nez	29.91+	49	47	—	7	8	SSW	9	no	0.39	5
Brest ...	—	53	51	WSW	5	7	WSW	4	of	0.12	4
I'Orient ...	30.05+	53	51	—	5	8	—	5	nc	0.35	5
Rochefort ...	30.14+	57	55	W	4	5	—	8	co	0.08	3
Biarritz ...	30.21+	61	57	NE	3	1	NE	7	cf	—	7
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.24+	54	52	ENE	4	1	SSW	8	bo	—	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.
† The Liverpool thermometers are kept above the ground.

REMARKS.

Saturday

The barometer has now risen somewhat at all stations especially in the SW and S— where the change has taken place chiefly since last evening.

Readings are therefore still highest at the southern stations, that at Rochefort exceeding by 0.88 in. that at Thurso.

Temperature has again risen except at some eastern and the Norwegian stations.

It again blew hard from SSW in the Irish Channel yesterday but has since subsided.

Fresh to strong breezes are still general, being SW^{ly} on our northern and western coasts, but rather more W^{ly} in the English Channel, and Bay of Biscay.

Rain has fallen everywhere but not very heavily. The sky is cloudy, and the weather still rather unsettled. The sea is rough except on the east coast of Scotland— very high at Biarritz.

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.
MAY												
13 TH	Corunna	29.94	60	—	SW	9	—	—	—	o	—	8
—	Brussels	29.90	47	—	SSW	4	—	—	—	b	—	—
—	Paris	29.89	55	—	SSW	4	—	—	—	b	—	—
—	Strasbourg	30.18	62	—	SW	3	—	—	—	o	—	—
—	Lyon	30.05	59	—	SE	3	—	—	—	o	—	—
—	Heart's Content	30.07 f	41	40	E	1	1	SSW	9	co	0.11	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Sun-day

May 15th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.64	52	48	ESE	2	4	N	—	c	—	1
* Skudesnaes ...	29.76	46	45	S	6	6	S	—	co	—	4
* Oxo (Christiansand)	29.85	49	47	SSW	4	6	SSW	—	fo	—	4
Thurso ...	29.55r	53	47	SSW	5	4	WSW	6	oc	0.14	1
Wick ...	29.61r	51	49	SSE	4	4	SSW	8	co	0.13	3
Nairn ...	29.58r	52	48	SW	2	6	SW	7	co	—	1
Aberdeen ...	29.69r	51	47	S	4	5	SW	6	c	—	3
Leith ...	29.70r	54	49	SW	5	5	SW	7	pc	0.07	—
Shields ...	—	57	53	W	2	4	W	2	c	—	2
Scarborough ...	29.89r	58	53	SW	4	5	WSW	5	c	—	3
Yarmouth ...	30.01r	57	53	SSE	4	6	W	4	c	—	4
Ardrossan ...	29.67r	49	48	W	5	6	SW	7	r	0.59	4
Greencastle ...	29.66r	51	49	WSW	3	5	SW	6	rc	0.23	—
Holyhead ...	29.80r	50	49	SSE	6	7	SSW	7	c	—	—
Liverpool ...	29.85r	60	53	S	2	3	SSW	3	c	—	1
Valencia ...	29.77f	53	50	SW	3	5	SW	5	rc	0.41	3
Cape Clear ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point	29.73f	53	51	SW	4	8	WSW	8	go	0.14	3
Pembroke ...	29.83f	50	49	S	5	6	SW	6	c	—	4
Penzance ...	29.90f	56	53	SW	4	6	WSW	5	cm	—	3
Plymouth ...	29.96f	55	53	S	4	6	W	9	com	—	2
Portsmouth ...	30.01f	55	52	WSW	2	6	WSW	7	c	—	1
London ...	30.02f	57	53	WSW	2	4	SW	8	bc	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.08r	52	48	WSW	3	7	SW	6	c	—	2
Brest ...	—	53	51	S	4	5	WSW	6	f	—	4
L'Orient ...	30.06f	52	52	W	4	5	WSW	8	co	—	5
Rochefort ...	30.05f	58	56	E	4	5	W	5	c	—	3
Biarritz ...	30.00f	54	50	S	4	4	N	8	m	0.20	6
Corunna ...	29.97	62	—	SW	1	—	—	—	c	—	2
Brussels ...	30.06	57	—	ESE	1	—	—	—	bc	—	—
Paris ...	30.10	52	—	SSW	1	—	—	—	c	—	—
Strasbourg ...	30.32	59	—	W	3	—	—	—	c	—	—
Lyons ...	30.15	63	—	SE	3	—	—	—	c	—	—
Toulon ...	30.18f	54	54	E	3	3	—	6	of	—	3
Heart's Content (9 a.m. local time.)	29.56f	44	44	SW	1	1	SSE	8	bf	0.18	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.

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EIGHT A.M.

WEATHER REPORT. 1870.

May 16th

Moon 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	29.73	51	48	Z	0	0	Z	—	c	—	4
*Skudesnaes ...	29.81	48	45	SE	6	6	SSE	—	co	—	4
*Oxo (Christiansand)	—	48	46	ESE	4	4	SW	—	c	—	2
Thurso ...	29.60 ^r	? 53	? 48	? WSW	3	5	S	5	c	0.06	1
Wick ...	29.59 ^s	52	49	S	4	4	S	6	c	—	2
Nairn ...	29.63 ^r	52	49	WSW	2	4	W	3	c	—	1
Aberdeen ...	29.66 ^s	53	49	WSW	1	6	S	2	c	—	2
Leith ...	29.65 ^f	55	49	WNW	3	5	SW	2	cb	0.01	—
Shields ...	—	54	51	W	1	2	W	6	rc	?	2
Scarborough ...	29.76 ^f	57	53	WSW	3	4	SW	8	co	—	3
Yarmouth ...	29.84 ^f	53	52	SW	2	4	SSE	6	c	0.14	2
Ardrossan ...	29.72 ^r	47	45	SW	4	4	SW	7	c	—	3
Greencastle ...	29.71 ^r	51	50	WSW	2	3	WSW	5	c	—	—
Holyhead ...	29.80 ^r	50	48	SSW	3	6	SSE	7	oc	0.24	—
*Liverpool ...	—	—	—	W	2	3	SW	2	c	—	1
Valencia ...	29.85 ^r	52	49	W	3	4	WSW	3	p	0.08	3
Cape Clear ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point	29.82 ^r	56	52	S	1	4	SW	2	cb	—	1
Pembroke ...	29.82 ^r	49	48	W	3	6	S	2	rc	0.10	3
Penzance ...	29.92 ^r	58	53	NNW	3	4	W	2	o/pb	0.03	2
Plymouth ...	29.91 ^r	52	48	WNW	4	4	S	5	mc	—	2
Portsmouth ...	29.85 ^r	53	51	W	2	2	SW	8	co	0.18	1
London ...	29.85 ^f	54	52	WSW	2	4	WSW	9	cto	0.06	—
Helder ...	29.82	55	—	SE	2	—	—	—	—	—	2
Cape Gris Nez	29.83 ^f	53	51	WSW	1	1	WNW	7	bc	—	1
Brest ...	—	51	47	NW	4	5	SSE	7	ro	0.24	3
L'Orient ...	29.95 ^r	52	52	WNW	1	4	S	7	c	0.04	3
Rochefort ...	29.95 ^r	56	54	NW	3	4	S	9	bo	0.08	2
Biarritz ...	29.97 ^r	59	57	NE	3	5	? NE	9	br	0.12	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.06 ^f	56	56	E	4	3	ENE	6	f	—	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.
+ at Liverpool the thermometers are 44° above the ground.

REMARKS.

Mon day

The barometer has continued to rise at our western and northern stations, but since Saturday evening there has been a fall in the S and SE, and readings have thus become uniform. The lowest reported is at Wick, but is only 0.36 in. less than that at L'Orient.

Temperature is not much changed.

Moderate S to SW winds were general on our coasts yesterday, but at our E^d and Sⁿ stations they have veered towards W this morning, while a SE^b breeze is reported from Norway.

The weather continues showery and rather cloudy, and thunder has occurred in the south-west of France. The sea has calmed down everywhere.

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.
MAY												
14 th	Corunna	30.17	61	—	NE	3	—	—	—	c	—	2
—	Brussels	29.97	56	—	WSW	9	—	—	—	ro	—	—
—	Paris	30.06	56	—	WSW	1	—	—	—	c	—	—
—	Strasbourg	30.28	64	—	SW	3	—	—	—	c	—	—
—	Lyon	30.16	64	—	SE	3	—	—	—	c	—	—
—	Heart's Content	29.817	40	40	NNE	1	1	SE	8	of	0.01	2
<u>Corrections -</u>												
—	Penzance	—	? 60	? 59	—	—	—	—	—	—	—	—
—	Cape Gris Nez	—	—	—	SW	—	—	—	—	—	—	—
—	L'Orient	—	—	—	WSW	—	—	SW	—	—	—	—
—	Roche fort.	—	—	—	—	—	—	SSW	—	—	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 17th

Tues. day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.63	46	45	WSW	6	2	NNW	—	ot	—	4
*Skudesnaes ...	29.78	45	45	S	4	4	SSW	—	ot	—	2
*Oxo (Christiansand)	29.79	47	46	SW	6	4	N	—	ob	—	3
Thurso ...	29.73 ^r	50	47	S	4	4	WSW	8	o	0.15	1
Wick ...	29.75 ^r	50	48	SSE	4	3	ESE	8	no	0.46	2
Nairn ...	29.76 ^r	52	48	W	3	2	W	7	o	—	2
Aberdeen ...	29.84 ^r	52	48	SSW	1	1	N	7	hrc	0.24	1
Leith ...	29.83 ^r	54	48	SW	4	3	WNW	6	bc	—	—
Shields ...	—	55	51	W	4	2	W	6	e	—	2
Scarborough...	30.03 ^r	55	51	WSW	3	3	W	8	co	—	2
Yarmouth ...	30.14 ^r	53	50	WSW	2	3	NW	0	cb	—	2
Ardrossan ...	29.85 ^r	50	47	SSE	4	2	WSW	8	cf	—	7
Greencastle ...	29.73 ^f	52	51	SW	4	5	SSW	9	ro	0.05	—
Holyhead ...	29.98 ^r	50	49	SSE	6	4	SSW	9	co	—	—
† Liverpool ...	30.02 ^r	55	51	SSW	2	3	SSW	6	ot	0.03	1
Valencia ...	29.83 ^f	54	53	SW	7	6	SW	9	r	0.21	6
Cape Clear ...	29.89 ^f	53	52	SW	8	3	W	9	co	0.11	6
Roche's Point	29.96 ^f	52	51	SW	5	5	SW	9	lhm	0.58	4
Pembroke ...	30.05 ^r	51	50	SSW	5	4	SSW	9	op	—	4
Penzance ...	30.15 ^r	58	55	SW	4	4	NW	4	bc	—	4
Plymouth ...	30.18 ^r	54	52	SSW	3	4	WNW	7	em	—	3
Portsmouth ...	30.19 ^r	54	51	W	2	4	WSW	6	e	—	1
London ...	30.18 ^r	53	50	WSW	2	3	SW	4	pc	0.07	—
Helder ...	30.11	52	—	W	2	—	—	—	—	—	2
Cape Gris Nez	30.20 ^r	48	48	W	3	3	WSW	9	bf	—	2
Brest ...	—	53	51	?SSW	3	3	NW	3	ob	—	3
L'Orient ...	30.23 ^r	52	52	SW	1	5	WNW	7	e	—	2
Rochefort ...	30.25 ^r	53	51	NE	3	5	NW	0	cb	—	3
Biarritz ...	30.21 ^r	55	53	ENE	3	5	NE	8	no	0.16	5
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.18 ^r	66	55	ENE	3	5	E	2	cf	—	2
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.
† At Liverpool, the thermometers are kept above the ground.

REMARKS.

Tues. day

During the past day the barometer has risen quickly over France and the south of G^t Britain, but during the night a brisk fall has commenced in the west of Ireland and a slight decrease has occurred in Norway also.

Readings have therefore become rather more irregular than they were, and that at Rochefort now exceeds by 0.52 in. those at Greenastle and Thurso.

Temperature is very little changed.

The wind has freshened considerably from SW in the south of Ireland, with rain and mist, and moderate S^t breezes are reported on our western coasts generally; while at our more eastern stations light W^{ly} winds continue, but are inclined to back. In the south-west of France a NE^t breeze is again prevailing.

A heavy thunderstorm with hail occurred at Roche's Pt yesterday afternoon, and hail has fallen at Aberdeen. The sky is very cloudy in most places; and the sea has become rough off the south of Ireland — and very high at Ardrossan.

Warnings issued to Ireland and the north-west of G^t Britain.

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.
MAY												
15 th	Cape Clear	29.727	52	51	WSW	3	5	SW	5	c	0.12	3
16 th	Cape Clear	29.847	52	51	NW	5	3	WNW	5	bc	0.05	3
---	Corunna	30.04	61	—	NE	1	—	—	—	c	—	2
---	Brussels	30.22	61	—	SSW	3	—	—	—	c	—	—
---	Paris	29.88	60	—	WSW	6	—	—	—	c	—	—
---	Strasbourg	30.14	63	—	SW	3	—	—	—	c	—	—
---	Lyon	30.02	64	—	S	3	—	—	—	c	—	—
---	Heart's Content	29.787	56	54	N	3	3	N	5	cfc	0.27	5

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 18th

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	29.45	51	46	ESE	4	6	WSW	—	a	—	3
*Skudesnaes ...	29.96	48	48	SSE	4	4	SSE	—	of	—	—
*Oxo (Christiansand)	30.02	48	47	SW	6	6	SW	—	6 of	—	3
Thurso ...	29.77†	57	51	SW	4	5	S	2	ob	0.04	1
Wick ...	29.78†	55	53	WSW	2	3	SSE	5	c	0.02	2
Nairn ...	29.80†	58	53	SW	4	1	SW	1	ob	0.11	2
Aberdeen ...	29.92†	54	52	SSW	2	3	S	8	o	0.09	1
Leith ...	29.93†	57	53	W	5	6	SW	7	c	0.02	—
Shields ...	—	59	55	SW	3	6	SW	2	c	—	2
Scarborough ...	30.12†	58	53	SSW	4	3	WSW	3	c	—	4
Yarmouth ...	30.30†	59	54	SW	2	3	W	3	c	—	2
Ardrossan ...	29.97†	52	50	SSW	5	10	SW	6	pc	0.17	5
Greencastle ...	29.94†	54	52	WSW	3	5	SW	9	no	0.06	—
Holyhead ...	30.12†	50	49	SSE	6	7	S	9	o	—	—
† Liverpool ...	30.12†	64	56	S	2	2	SSE	3	c	—	1
Valencia ...	30.06†	56	54	SSW	5	10	S	6	no	0.15	5
Cape Clear ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point	30.08†	52	52	WSW	3	7	SW	9	rm	0.62	3
Pembroke ...	30.17†	51	50	S	4	5	S	9	co	—	3
Penzance ...	30.27†	60	56	SSW	3	4	SSW	2	ob	—	3
Plymouth ...	30.30†	55	52	SE	2	3	SW	1	cb	—	1
Portsmouth ...	30.30†	54	51	S	2	4	WSW	3	c	—	1
London ...	30.31†	58	52	SW	3	5	SW	2	cb	—	—
Helder ...	30.31	54	—	SSW	9.5	—	—	—	—	—	2
Cape Gris Nez	30.32†	61	52	L	0	4	WSW	2	fb	—	0
Brest ...	—	52	50	ENE	3	4	S	1	cb	—	2
L'Orient ...	30.30†	53	51	ENE	1	1	W	8	co	—	2
Rochefort ...	30.21s	63	61	E	1	5	NW	5	bc	—	2
Biarritz ...	30.20†	61	59	S	1	4	NE	3	f	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.24†	71	57	ENE	1	4	SSE	1	b	—	2
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

REMARKS.

Wedn. day

Barometrical pressure has now recovered from the depression noticed in the west yesterday morning, and has risen everywhere but in the south-west of France. The highest readings are in the English Channel, and great uniformity exists in our Islands.

Temperature has risen generally, and locally the change has been considerable. The thermometer now stands high at most stations.

It blew very hard from S in Ireland and the west of Scotland yesterday, but on our coasts light to moderate SW^{ly} breezes are general this morning, with light NE^{ly} winds in the west of France.

Some rain has fallen in the west and north. The sky has cleared except in the west; where the sea is moderate though calm elsewhere.

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.
MAY												
17 th	Cornwall	30.15	59	-	NE	3	-	-	-	b	-	2
---	Brussels	30.21	51	-	SSW	3	-	-	-	b	-	-
---	Paris	30.27	53	-	WNW	1	-	-	-	f	-	-
---	Stasbourg	30.39	59	-	SE	3	-	-	-	or	-	-
---	Lyon	30.24	64	-	N	3	-	-	-	c	-	-
---	Heart's Content	29.77+	34	31	NNW	4	4	NNW	3	c	-	5

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 19th

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	29.76	47	44	WSW	6	6	WSW	—	oc	—	3
*Skudesnaes ...	29.97	47	46	SSW	4	4	SSW	—	o	—	3
*Oxo (Christiansand)	30.02	48	47	SW	4	6	SW	—	oc	—	3
Thurso ...	29.71 ^f	55	50	SSW	5	6	WSW	6	mc	—	1
Wick ...	29.74 ^f	52	50	SSW	4	6	SW	7	c	—	3
Nairn ...	29.76 ^f	57	51	W	6	2	SW	2	cb	—	2
Aberdeen ...	29.89 ^f	52	49	S	2	1	W	8	bc	—	1
Leith ...	29.90 ^f	57	52	SW	6	6	WSW	6	c	—	—
Shields ...	—	58	54	WNW	6	3	WSW	2	c	—	3
Scarborough ...	30.09 ^f	61	57	W	3	4	SSW	9	co	—	3
Yarmouth ...	30.25 ^r	62	57	WSW	2	3	SSE	2	cb	—	2
Ardrossan ...	29.96 ^f	49	48	SW	5	7	SW	9	ct	0.32	5
Greencastle ...	29.89 ^f	52	52	SW	4	4	WSW	9	no	0.05	—
Holyhead ...	30.12 ^f	50	50	SSE	6	6	SSE	9	of	—	—
† Liverpool ...	30.11 ^f	61	56	S	2	2	S	5	c	—	1
Valencia ...	29.99 ^f	54	52	S	7	6	SSW	8	to	0.03	5
Cape Clear ...	30.05 ^f	55	54	SW	5	3	SSW	8	fo	—	3
Roche's Point	30.09 ^f	63	52	SW	4	4	SW	9	cm	—	3
Pembroke ...	30.18 ^f	51	51	S	4	4	SSW	9	of	—	3
Penzance ...	30.26 ^f	59	56	SW	2	3	SW	0	b	—	2
Plymouth ...	30.25 ^f	57	51	SSE	1	2	S	1	bm	—	1
Portsmouth ...	30.26 ^f	56	52	Z	0	2	S	4	c	—	0
London ...	30.26 ^f	62	55	WSW	3	4	W	5	bc	—	—
Helder ...	30.25	59	—	? SW	4	—	—	—	—	—	2
Cape Gris Nez	30.28 ^f	60	53	S	1	1	W	0	b	—	1
Br�st ...	—	57	53	E	1	4	NNW	0	b	—	4
L'Orient ...	30.27 ^r	58	56	NE	3	4	WNW	0	cb	—	1
Rochefort ...	30.21 ^r	65	63	E	3	5	NW	0	b	—	2
Biarritz ...	30.25 ^r	65	63	W	3	4	SW	3	bc	—	4
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyon ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.29 ^r	73	60	SSW	1	4	ESE	3	c	—	1
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

REMARKS.

Thurs. day

Barometrical readings have changed irregularly since yesterday, but in the night there has been a fall of nearly 0.2 in. in Scotland and the west of Ireland while in the south-west of France a slight rise is reported. The highest pressure is still in the south, and that at Cape Gris Nez is 0.57 in. higher than that at Thurso. Temperature has risen in the south and south-east but fallen slightly in the north-west and north. London is 12° warmer than Holyhead.

The winds on our north-eastern coasts have freshened somewhat from the *W*nd, but in the south of Ireland they have backed to *S*, and increased a little. The *E*^{ly} breeze still holds in the Bay of Biscay, but has shifted to *W* at Biarritz.

Rain has fallen in the north-west, and the sky is still overcast in Ireland, and the sea rather rough. Elsewhere the weather continues fine - though foggy in the Irish Channel - and the sea calm on the whole.

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.
MAY												
18 th	Corunna	30.08	62	-	NE	3	-	-	-	c	-	2
-	Brussels	30.39	57	-	ENE	3	-	-	-	c	-	-
-	Paris	30.32	59	-	N	1	-	-	-	c	-	-
-	Strasbourg	30.51	58	-	NE	3	-	-	-	b	-	-
-	Lyons	30.30	64	-	N	3	-	-	-	b	-	-
-	Heart's Content	29.97r	35	34	NNE	4	4	NNE	8	stg	0.05	5

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 20th

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	—	47	43	W	6	6	W	—	o	—	4
* Skudesnaes ...	29.77	48	46	SSW	2	6	SSE	—	no	—	6
* Oxo (Christiansand)	29.75	50	49	SW	6	6	SSW	—	c	—	4
Thurso ...	29.70+	53	48	SW	5	6	SW	5	oqc	0.05	2
Wick ...	29.71+	53	50	W	5	6	SW	8	o	—	3
Nairn ...	29.75+	56	52	W	2	9	SW	4	qc	—	1
Aberdeen ...	29.83+	55	50	SSW	2	7	SSW	7	oc	—	2
Leith ...	29.85+	58	55	W	5	6	SW	8	pc	0.01	—
Shields ...	—	60	56	W	4	7	WSW	6	c	—	2
Scarborough ...	30.01s	59	56	SW	3	5	WSW	9	co	—	3
Yarmouth ...	30.14+	63	57	WSW	2	3	S	4	c	—	2
Ardrossan ...	29.88+	52	50	SSW	3	7	SW	7	rc	0.45	3
Greencastle ...	29.82+	55	55	W	1	5	SW	4	r	0.07	—
Holyhead ...	30.02s	51	51	SSW	6	8	S	9	fo	0.35	—
† Liverpool ...	30.02+	—	—	SW	2	6	SW	6	c	—	1
Valencia ...	—	—	—	—	—	—	—	—	—	—	—
Cape Clear ...	30.00+	54	53	SW	6	7	SW	9	f	0.04	4
Roche's Point	30.04+	53	53	SW	4	5	SW	9	rfm	0.62	3
Pembroke ...	30.11s	52	52	SW	4	5	SW	9	f	—	3
Penzance ...	30.24+	57	56	SW	3	3	SW	9	bf	—	3
Plymouth ...	30.23+	56	54	SSW	2	3	SSW	9	bm	—	2
Portsmouth ...	30.21s	56	53	W	1	1	S	5	c	—	1
London ...	30.18+	63	57	W	3	5	WSW	5	bc	—	—
Helder ...	30.16	57	—	SW	6	—	—	—	—	—	2
Cape Gris Nez	30.23+	54	49	SW	3	1	W	3	c	—	2
Brest ...	—	56	52	NE	1	3	NNW	0	b	—	2
L'Orient ...	30.28+	57	55	NNE	1	4	W	0	b	—	1
Rochefort ...	30.23+	64	62	E	1	5	NW	0	b	—	2
Biarritz ...	30.22+	750	746	SE	1	1	N	0	bf	—	5
Corunna ...	30.19	63	—	SW	6	—	—	—	f	—	4
Brussels ...	30.22	67	—	WSW	3	—	—	—	b	—	—
Paris ...	30.24	72	—	W	1	—	—	—	f	—	—
Strasbourg ...	—	69	—	SW	3	—	—	—	b	—	—
Lyons ...	30.26	71	—	N	3	—	—	—	b	—	—
Toulon ...	—	—	—	—	—	—	—	—	—	—	—
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

REMARKS.

Fri-day

The disturbance noticed in the west yesterday travelled NE^W during the day and at 6 p.m. the barometer fell below 29.5 in. in the north of Scotland. Since that time there has been a recovery the decrease having passed on to Norway. Readings on our coasts are slightly lower than they were yesterday morning, and that at Thurso is 0.58 in. less than that at L' Orient.

Temperature is not materially changed.

It blew hard from SW in the west and north yesterday with squalls and rain but has again subsided; and moderate SW^W winds are general in these Islands, with light NE^E airs in the Bay of Biscay.

The sky is cloudy or overcast except in the west of France and thick fog prevails in the English and Irish Channels. The sea is nearly calm.

Our west and north-west coasts were cautioned yesterday. 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
MAY												
19 TH	Corunna	30.19	63	—	NE	3	—	—	—	b	—	2
---	Brussels	30.29	61	—	WSW	1	—	—	—	b	—	—
---	Paris	30.24	66	—	W	1	—	—	—	bc	—	—
---	Strasbourg	—	65	—	S	—	—	—	—	b	—	—
---	Lyons	30.31	70	—	S	3	—	—	—	b	—	—
---	Heart's Content	30.20 r	41	37	SW	1	4	NNE	2	sg b	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Saturday

May 21st

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	29.53	45	44	WSW	6	8	WSW	—	ot	—	7
* Skudesnaes ...	29.82	48	46	W	4	4	SSW	—	rob	—	3
* Oxo (Christiansund)	29.75	52	46	W	6	6	SW	—	co	—	2
Thurso ...	29.93r	53	49	WNW	6	6	WSW	4	oc	—	1
Wick ...	29.93r	53	49	WNW	4	4	W	8	co	—	2
Nairn ...	29.97r	53	49	W	1	2	W	6	c	—	1
Aberdeen ...	30.01r	52	48	WSW	1	2	NW	8	co	0.02	1
Leith ...	30.05r	54	50	W	3	6	SW	8	po	0.01	—
Shields ...	—	57	52	W	2	2	SW	6	c	—	2
Scarborough ...	30.11r	59	56	W	1	4	SW	9	co	—	1
Yarmouth ...	30.16r	66	61	WSW	2	3	SW	4	c	—	2
Ardrossan ...	30.08r	51	49	SSW	3	4	NNW	7	opc	0.07	2
Greencastle ...	30.04r	49	49	—	1	2	W	9	r	0.16	—
Holyhead ...	30.10r	50	50	SSW	6	7	SSW	9	f	0.08	—
† Liverpool ...	30.09r	—	—	SW	1	2	SW	3	c	—	0
Valencia ...	30.06f	54	53	S	4	5	S	9	bmt	0.13	3
Cape Clear ...	30.09r	54	53	SSW	1	4	SSW	9	f	0.23	1
Roche's Point	30.09s	53	53	SW	2	3	SW	9	mf	0.09	2
Pembroke ...	30.15s	52	52	Z	0	4	SSW	9	f	—	3
Penzance ...	30.21f	55	54	Z	0	3	W	9	fop	0.02	0
Plymouth ...	30.21f	56	55	Z	0	2	SW	9	m	—	1
Portsmouth ...	30.19f	56	54	Z	0	2	W	4	c	—	0
London ...	30.20r	59	57	WSW	3	4	W	8	bo	—	—
Helder ...	30.14	57	—	WSW	3	—	—	—	—	—	2
Cape Gris Nez	30.21f	53	51	SW	3	5	SW	1	ob	—	2
Brest ...	—	64	57	E	1	4	NNW	0	b	—	4
L'Orient ...	30.16f	62	60	ENE	4	4	NW	0	cb	—	2
Rochefort ...	30.14f	70	66	E	3	4	N	0	fb	—	2
Biarritz ...	30.11f	58	51	Z	0	3	NE	2	fb	—	?
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.21f	82	66	ENE	1	1	SE	0	cb	—	1
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

REMARKS.

Saturday

During the past day the barometer has risen about 0.2 in. in the north of our Islands, scarcely changed in the south and fallen nearly 0.1 in. in the west of France. Readings have therefore become uniform in our neighbourhood though somewhat higher in the Channel than elsewhere.

Temperature has fallen a little on our northern coasts, but risen considerably and is high in the west and south of France.

The winds are unchanged - being mostly light from SW in the United Kingdom, calm in the Channel, and light E^{ly} in the Bay of Biscay.

The sky is this morning very cloudy except at the French stations, with fog continuing in the west of England.

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.	Sea
MAY												
20 th	Valencia	29.997	56	55	SSW	7	8	3	9	nf	0.21	5
---	Toulon	30.283	80	64	SE	—	3	SE	1	cb	—	0
---	Hearts Content	29.773	45	44	SW	6	6	W	8	cl	0.06	6

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Sunday

May 22nd

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.84	43	41	SW	4	4	WSW	—	fo	—	4
*Skudesnaes ...	29.85	44	42	SE	4	4	WNW	—	fo	—	2
*Oxo (Christiansand)	29.87	44	—	NNW	2	6	WNW	—	cto	—	3
Thurso ...	29.91f	47	46	NNE	2	5	WNW	8	fo	0.31	1
Wick ...	29.92f	50	48	NNE	2	3	ESE	8	fo	0.38	2
Nairn ...	29.90f	48	47	NE	1	2	W	9	fo	0.21	1
Aberdeen ...	29.90f	49	47	NNW	3	1	S	9	pto	0.30	1
Leith ...	29.84f	55	51	WNW	3	3	W	8	o	0.02	—
Shields ...	—	59	55	NW	4	2	SW	4	tc	?	2
Scarborough...	29.94f	58	54	W	2	2	SE	7	c	—	2
Yarmouth ...	29.97f	71	63	W	3	3	ESE	2	c	—	2
Ardrossan ...	29.97f	50	47	WNW	3	1	S	5	c	0.09	2
Greencastle ...	30.11f	53	51	NW	4	1	ESE	9	fo	0.06	—
Holyhead ...	—	—	—	—	—	—	—	—	—	—	—
†Liverpool ...	30.00f	55	52	W	4	3	SW	7	co	—	2
Valencia ...	30.19f	52	50	NW	1	5	NW	8	mfo	0.06	3
Cape Clear ...	30.14f	54	52	N	1	6	WNW	3	fb	—	1
Roche's Point	30.15f	55	50	N	3	5	SW	5	mfc	0.03	2
Pembroke ...	30.08f	50	47	NW	3	3	SW	9	fo	0.01	2
Penzance ...	30.15f	56	52	ENE	4	3	ESE	8	co	—	4
Plymouth ...	30.09f	56	53	SE	2	2	S	5	c	—	1
Portsmouth ...	30.02f	63	59	Z	0	1	S	3	c	—	0
London ...	30.01f	68	62	WSW	2	4	S	3	ble	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	30.01f	62	58	NE	1	4	SW	9	bt	0.01	1
Brest ...	—	57	55	NE	4	5	NE	1	b	—	1
L'Orient ...	30.04f	62	60	—	2	3	NE	1	b	—	5
Rochefort ...	30.02f	72	67	NE	2	4	NW	0	b	—	2
Biarritz...	30.01f	72	68	S	4	3	NE	0	b	—	5
Corunna ...	30.06	66	—	SW	1	—	—	—	c	—	2
Brussels ...	30.04	71	—	N	1	—	—	—	c	—	—
Paris ...	30.04	69	—	S	2	—	—	—	bc	—	—
Strasbourg ...	30.32	66	—	NW	1	—	—	—	b	—	—
Lyons ...	30.08	73	—	E	1	—	—	—	b	—	—
Toulon...	30.12f	77	63	W	1	1	S	1	b	—	1
Heart's Content (9 a.m. local time.)	29.96f	39	36	N	1	3	SE	2	b	—	2

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

Sea
Disturb
(0 to 9.)

4
2
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DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. May 23rd

Monday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 2)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	30.01	43	40	WNW	4	2	WNW	—	c	—	4
*Skudesnaes ...	30.04	45	40	NNW	6	6	NNW	—	cb	—	2
Oxo (Christiansand)	29.94	45	42	NNW	2	2	SW	—	oc	—	2
Thurso ...	30.062	46	45	S	2	4	WNW	8	mo	0.06	1
Wick ...	30.082	47	46	SSW	2	3	W	8	or	0.02	2
Nairn ...	30.092	50	48	WNW	1	1	NE	8	o	0.09	1
Aberdeen ...	30.152	49	46	W	1	4	N	8	o	—	1
Leith ...	30.202	52	49	W	2	2	WNW	9	o	0.03	—
Shields ...	—	52	48	NW	2	4	NE	2	oc	—	2
Scarborough ...	30.262	50	48	SE	1	4	N	3	c	—	1
Yarmouth ...	30.292	50	47	NNE	2	3	NE	6	c	—	2
Ardrossan ...	30.222	49	47	SSW	3	4	NW	7	er	—	2
Greencastle ...	30.175	53	53	WSW	2	4	E	9	o	—	—
Holyhead ...	30.292	50	48	SSW	2	2	WNW	9	om	—	—
† Liverpool ...	30.28	—	—	W	3	3	W	5	c	—	2
Valencia ...	30.312	54	52	SW	3	2	WNW	8	o	—	2
Cape Clear ...	30.332	54	52	WSW	1	3	WNW	9	co	—	20
Roche's Point	30.312	51	49	N	1	2	N	7	c	—	1
Pembroke ...	30.302	50	47	NNW	1	4	N	9	om	—	0
Penzance ...	30.292	57	52	NNE	4	5	NE	1	b	—	4
Plymouth ...	30.312	55	50	NE	2	5	NE	7	cu	—	1
Portsmouth ...	30.272	52	49	ENE	2	3	NNE	8	co	—	1
London ...	30.282	53	50	NW	3	6	W	9	bo	—	—
Helder ...	30.21	—	—	?	6	—	—	—	—	—	2
Cape Gris Nez	30.242	48	46	NE	5	3	WSW	9	bf	0.32	4
Brest ...	—	52	48	NE	3	5	NE	0	ob	—	3
L'Orient ...	29.947	55	52	NE	4	5	NNE	1	cb	—	2
Rochefort ...	30.042	66	62	E	3	4	NE	4	bc	—	2
Biarritz ...	30.122	64	62	W	7	4	W	8	co	—	5
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	30.057	68	59	W	4	3	W	2	bc	—	3
Heart's Content (9 a.m. local time.)	—	—	—	—	—	—	—	—	—	—	—

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

* The Norwegian stations do not report rainfall, and their "extreme" wind is an observation taken at 3 p.m.

† At Liverpool the thermometers are placed 44 ft. above the ground.

REMARKS.

Monday

The barometer continued to fall at our stations and the French stations yesterday morning, while in Ireland a recovery had set in; but to-day the rise has extended to all districts and is most marked over the North Sea. Pressure is highest in the west, but the readings in the south of Ireland exceed by only 0.23 in. that at Wick, and by 0.27 in. that at Keshifort.

Temperature became very high in France and the south-east of England yesterday, but was falling in the north. To-day there has been a rapid fall in the south-east and south — 21° at Harmondsworth.

The wind has varied considerably in direction since Saturday and is now SW^{ly} in Ireland, W^{ly} in the north of Gt Britain, variable in the east, and NE in the English Channel and France.

In force it is light to moderate generally; — but a strong W^{ly} wind is reported to have set in at Biarritz.

The weather has been overcast with fog and some rain in the west and north of our Islands, but clear in the south-east and on the Continent. The sky has now become clouded generally. 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.
MAY												
21 st	Cornwall	30.02	64	—	NW	3	—	—	—	7	—	—
—	Brussels	30.21	52	—	SSW	1	—	—	—	6	—	—
—	Paris	30.23	68	—	NE	1	—	—	—	cf	—	—
—	Strasbourg	—	71	—	W	3	—	—	—	6	—	—
—	Lyon	30.21	72	—	SW	1	—	—	—	6	—	—
—	Heart's Content	29.95	46	42	SW	1	6	ENE	2	ob	—	2

Metwrological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. May 24th

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	29.90	46	44	SSW	4	0	Z	—	co	—	3
* Skudesnaes ...	29.98	47	46	SSE	6	0	Z	—	o	—	—
* Oxo (Christiansand)	30.05	46	46	SW	4	6	WSW	—	cof	—	2
Thurso ...	29.90	49	48	NW	5	4	S	6	oc	0.20	1
Wick ...	29.93	59	58	WNW	5	4	SSW	8	o	0.10	2
Nairn ...	29.94	56	54	W	2	1	VV	9	o	—	1
Aberdeen ...	29.97	57	54	WSW	2	1	SW	6	oc	—	1
Leith ...	30.09	57	53	W	5	2	VV	7	oc	0.01	—
Shields ...											
Scarborough ...	30.19	57	54	W	4	2	SW	9	co	—	3
Yarmouth ...	30.32	55	51	SW	2	3	E	4	e	—	2
Ardrossan ...	30.14	54	51	W	4	8	E	6	oc	0.08	5
Greencastle ...	30.21	54	53	NW	3	2	WSW	9	20	0.01	—
Holyhead ...	30.28	54	52	SSW	3	4	SSW	9	o	—	—
† Liverpool ...	30.26	56	56	W	3	3	W	6	c	—	1
Valencia ...	30.41	54	53	WSW	3	4	SW	9	f	0.02	4
Cape Clear ...	30.36	54	53	NW	4	3	WSW	9	f	0.04	1
Roche's Point	30.36	58	54	NW	4	4	NW	8	tho	—	3
Pembroke ...	30.35	50	50	W	2	2	W	9	cof	—	1
Penzance ...	30.41	55	53	NE	2	4	NNE	8	cof	—	2
Plymouth ...	30.39	56	51	NNW	2	4	S	3	c b m	—	1
Portsmouth ...	30.35	53	49	Z	0	2	ENE	3	oc	—	0
London ...	30.35	54	50	WNW	2	3	NW	1	o b m	—	—
Helder ...	30.32	52	—	SW	3	—	—	—	—	—	2
Cape Gris Nez	30.34	44	47	ENE	1	4	NE	9	of	—	1
Brest ...											
L'Orient ...	30.35	49	47	NE	5	5	NE	5	be	—	3
Rochefort ...	30.19	61	57	?	4	5	NW	5	c	—	3
Biarritz ...	30.19	62	60	W	5	7	W	9	mo	—	5
Corunna ...											
Brussels ...											
Paris ...											
Strasbourg ...											
Lyons ...											
Toulon ...	30.41	84	75	ENE	4	4	N	4	cf	—	3
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

† At Liverpool the thermometers are placed 14 ft. above the ground.

REMARKS.

Tues-day

The barometer has commenced falling again on our north east coasts since yesterday afternoon and also in the west of Norway, but has continued to rise slowly elsewhere; readings are highest in the south-west, and those at Valencia and Azores exceed by 0.51 in. that at Thurso.

Temperature has risen considerably in the north and east of our Islands, but fallen a little more in the west and north of France.

A moderate NE^{ly} breeze is reported at L'Orient, with calms in the Channel; but in the west and north of the British Isles the wind has veered to NW and freshened slightly, while in Norway there are moderate breezes from the SW^{ly}.

The sky continues very cloudy at most stations, and a little more rain has fallen in Scotland and Ireland. 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
MAY												
23 rd	Corunna	30.15	65	—	NE	3	—	—	—	b	—	—
—	Brussels	30.00	53	—	NE	3	—	—	—	tlo	—	—
—	Paris	30.15	57	—	NNE	2	—	—	—	c	—	—
—	Strasbourg	—	73	—	S	3	—	—	—	c	—	—
—	Lyon	30.04	73	—	N	3	—	—	—	b	—	—
—	Heart's Content	29.86 f	42	37	W	3	3	W	1	b	—	3
<u>Corrections.</u>												
—	Cape Clear	—	54	52	—	—	—	—	—	—	—	—
—	Helder	—	50	—	N	—	—	—	—	—	—	—
—	L'Orient.	30.17+	—	—	—	—	—	—	—	—	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 25th

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	29.52	43	42	SW	6	6	SSW	—	o	—	3
* Skudesnaes ...	29.86	45	41	WNW	8	6	WNW	—	bnc	—	4
* Oxo (Christiansand)	29.72	47	42	WNW	6	8	WSW	—	co	—	4
Thurso ...	30.28r	50	46	NNW	5	6	WNW	2	cb	0.08	2
Wick ...	30.35r	50	48	NNW	5	6	WNW	7	o	0.05	3
Nairn ...	30.34r	52	49	NW	1	4	WNW	6	bnc	—	1
Aberdeen ...	30.31r	51	46	NNW	4	5	NW	4	c	0.01	3
Leith ...	30.38r	60	51	WNW	3	4	WNW	2	cb	—	—
Shields ...											
Scarborough...	30.36r	54	48	N	4	4	W	1	cb	—	4
Yarmouth ...	30.36r	53	50	?NNW	3	3	SSW	0	cb	—	3
Ardrossan ...	30.45r	53	49	NW	4	5	NW	4	c	—	3
Greencastle ...	30.50r	53	53	WNW	1	4	NW	4	rc	—	—
Holyhead ...	30.48r	51	48	WSW	2	3	SW	5	c	—	—
† Liverpool ...	30.43r	—	—	NW	5	4	WNW	4	c	—	4
Valencia ...	30.48r	54	50	N	2	3	NNW	1	cb	—	3
Cape Clear ...	30.46r	53	50	E	4	3	NNW	0	fb	—	1
Roche's Point	30.49r	54	50	SE	2	3	N	1	b	—	1
Pembroke ...	30.45r	52	47	NE	4	2	W	2	feb	—	2
Penzance ...	30.45r	62	57	ENE	4	4	NE	0	ob	—	3
Plymouth ...	30.42r	58	53	NNW	2	3	NW	3	b	—	1
Portsmouth ...	30.37r	56	49	NE	4	2	W	4	c	—	3
London ...	30.38r	55	50	N	3	5	N	4	bnc	—	—
Helder ...	30.25	52	—	NW	3	—	—	—	—	—	2
Cape Gris Nez	30.34r	52	48	N	—	3	?WSW	0	cf	—	3
Brest ...	—	55	53	E	1	5	ENE	5	f	—	3
L'Orient ...	30.36r	54	52	NE	4	5	NE	0	cb	—	2
Rochefort ...	30.22r	55	51	NE	5	5	N	0	cb	—	3
Biarritz...	30.18s	63	61	W	4	5	W	9	o	—	4
Corunna ...											
Brussels ...											
Paris ...											
Strasbourg ...											
Lyons ...											
Toulon...	30.44s	71	62	ENE	3	4	ENE	2	cb	—	2
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

REMARKS.

Wednesday

The barometer has risen at all stations since yesterday, especially in the north, where the change amounts to 0.4 in.; and readings are consequently uniformly high.

Temperature has fallen again on our north-east coasts, but is rising in the English Channel - where it is highest.

The winds are light to moderate except in Norway, where they are strong. In direction they are NW^{ly} at the northern stations, and NE^{ly} in the south of England and the Bay of Biscay.

The sky has cleared considerably, and the weather is fine generally. The sea is nearly 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.
MAY												
24 TH	Brest	-	50	48	NE	4	5	NNE	0	f	-	2
	Cornwall	30.12	64	-	NE	6	-	-	-	b	-	4
	Brussels	30.34	49	-	NNE	3	-	-	-	o	-	-
	Paris	30.27	50	-	N	2	-	-	-	of	-	-
	Strasbourg	-	57	-	N	3	-	-	-	o	-	-
	Lyons	30.12	64	-	N	3	-	-	-	b	-	-
	Heart's Content	29.967	34	33	NE	3	3	NE	8	csq	-	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 26th

Thursday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.06	42	41	SSW	6	6	W	—	co	—	6
* Skudesnaes ...	30.20	46	40	NNW	6	8	NW	—	co	—	2
* Oxo (Christiansand)	30.05	46	40	N	4	6	NW	—	b	—	2
Thurso ...	30.32 ^f	49	49	WNW	5	5	NW	7	mf	0.03	2
Wick ...	30.29 ^f	52	51	NNW	6	4	NNW	8	co	—	3
Nairn ...	30.35 ^f	54	52	W	2	1	NNE	8	co	—	1
Aberdeen ...	30.33 ^f	57	53	NW	4	1	NE	4	c	—	2
Leith ...	30.40 ^f	62	55	NW	2	2	NW	2	b	—	—
Shields ...											
Scarborough ...	30.39 ^f	56	51	W	2	4	N	7	bc	—	2
Yarmouth ...	30.45 ^r	52	49	NNE	2	3	NW	0	co	—	2
Ardrossan ...	30.42 ^f	53	49	NW	2	6	NNW	2	co	—	1
Greencastle ...	30.43 ^f	53	51	E	1	2	N	1	co	—	—
Holyhead ...	30.43 ^f	52	50	NNW	2	2	NNW	5	bc	—	—
† Liverpool ...											
Valencia ...	30.34 ^f	60	55	ENE	4	3	NNW	0	b	—	2
Cape Clear ...	30.33 ^f	58	52	ESE	6	5	ESE	0	b	—	4
Roche's Point	30.38 ^f	56	52	ESE	4	4	ESE	2	b	—	2
Pembroke ...	30.40 ^f	55	51	ESE	3	5	N	1	mb	—	1
Penzance ...	30.38 ^f	62	55	E	4	5	ENE	0	b	—	3
Plymouth ...	30.41 ^r	57	50	E	3	3	S	3	b	—	2
Portsmouth ...	30.41 ^s	55	47	SE	1	4	NE	3	c	—	1
London ...	30.43 ^s	54	48	NE	2	4	N	1	b	—	—
Helder ...	30.36	48	—	NNW	6	—	—	—	—	—	2
Cape Gris Nez	30.43 ^r	50	46	NE	3	5	NNE	1	b	—	2
Brest ...	—	56	45	E	5	5	E	0	b	—	4
L'Orient ...	30.27 ^r	54	50	ENE	7	5	NE	0	b	—	3
Rochefort ...	30.16 ^r	57	52	E	5	5	NE	0	b	—	4
Biarritz ...	30.06 ^f	63	59	S	1	4	W	0	f	—	4
Corunna ...											
Brussels ...											
Paris ...											
Strasbourg ...											
Lyons ...											
Toulon ...	29.98 ^f	65	63	E	4	3	W	3	bm	—	2
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

REMARKS.

Thursday

The changes in pressure during the past day have been slight in our Islands and France, and readings are now only a little lower in the south-west than they were yesterday. In Norway a considerable rise is reported. Readings are rather higher on our coasts than elsewhere.

Temperature is little changed.

The E^{ly} wind in the south has freshened somewhat, but moderate to light NW^{ly} breezes still prevail at our northern stations. The gale in Norway has subsided.

The sky has cleared again on all but the northern Scotch coasts and the weather is fine generally. 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.
MAY									
25 th	Corunna	30.06	68	NE	3	—	b	—	2
—	Brussels	30.27	56	WSW	1	—	c	—	—
—	Paris	30.29	54	N	2	—	b	—	—
—	Strasbourg	—	57	N	3	—	a	—	—
—	Lyon	30.20	70	N	3	—	b	—	—
—	Heart's Content	30.16 ^r	41	W	2	3	b	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Fri-day

May 27th

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	29.81	43	41	SW	8	6	NW	—	o	—	4
* Skudesnaes ...	30.29	45	43	NNW	4	6	NNW	—	bc	—	2
* Oxo (Christiansand)	30.06	49	42	NW	2	4	NW	—	c	—	2
Thurso ...	30.327	51	49	NNW	1	5	WNW	6	fc	—	0
Wick ...	30.307	53	51	NW	2	4	NNW	8	o	—	2
Nairn ...	30.307	55	52	NE	1	1	NNE	0	eb	—	1
Aberdeen ...	30.337	56	54	N	1	1	N	9	co	—	1
Leith ...	30.337	58	54	ENE	2	2	E	1	b	—	—
Shields ...											
Scarborough ...	30.377	54	52	NE	2	2	NNE	9	bo	—	2
Yarmouth ...	30.357	51	49	NNE	3	3	SE	6	c	—	3
Ardrossan ...	30.347	59	54	NE	2	3	SW	1	b	—	1
Greencastle ...	30.277	60	54	Z	0	3	E	0	mb	—	—
Holyhead ...	30.287	56	53	ENE	1	2	NNW	3	bc	—	—
† Liverpool ...											
Valencia ...	30.117	60	53	SE	4	5	ESE	5	bc	—	3
Cape Clear ...	—	50	48	ESE	7	7	ESE	2	b	—	5
Roche's Point	30.177	56	52	SE	5	5	SE	3	b	—	3
Pembroke ...	30.227	57	50	E	4	3	N	2	bm	—	1
Penzance ...	30.197	56	53	E	6	6	ESE	1	b	—	5
Plymouth ...	30.237	60	53	E	5	5	E	3	b	—	4
Portsmouth ...	30.287	59	52	SE	1	2	SSE	3	c	—	1
London ...	30.323	58	53	ENE	2	3	ENE	4	mbc	—	—
Helder ...	30.32	52	—	NW	1	—	—	—	—	—	2
Cape Gris Nez	30.327	52	48	NNE	1	4	NE	5	bc	—	1
Brest ...	30.107	57	50	E	5	5	E	2	b	—	3
L'Orient ...	30.135	56	52	E	5	5	E	2	b	—	3
Rochefort ...	30.037	60	53	E	5	7	E	0	b	—	3
Biarritz ...	29.977	63	59	W	1	3	—	7	f	—	4
Corunna ...	30.06	66	—	NE	3	—	—	—	o	—	2
Brussels ...	30.33	55	—	ENE	2	—	—	—	f	—	—
Paris ...	30.24	55	—	E	1	—	—	—	f	—	—
Strasbourg ...	—	51	—	N	3	—	—	—	b	—	—
Lyons ...	30.12	64	—	N	3	—	—	—	b	—	—
Toulon ...	29.987	63	61	E	3	4	ESE	6	f	—	3
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

REMARKS.

Fri-day

The barometer has continued to fall slowly on the French and British coasts except in the north of Scotland, the change being greatest at the southern and south-western stations, where the lowest readings are now reported. Pressure at Scarborough exceeds by 0.34 in. that at Rochefort.

Temperature, on the whole, is little changed.

Light NE^{ly} breezes have become general in the north and east parts of our Islands, and moderate to fresh E^{ly} winds in the south-west and the Bay of Biscay.

The sky is overcast in the north-east, clear elsewhere. The sea is moderate in the south-west, 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.	Sea.
MAY												
26 th	Corunna	30.02	65	—	NE	3	—	—	—	f	—	2
—	Brussels	30.40	59	—	NNE	3	—	—	—	c	—	—
—	Paris	30.36	47	—	NNE	4	—	—	—	c	—	—
—	Strasbourg	—	57	—	N	6	—	—	—	b	—	—
—	Lyon	30.16	62	—	SW	3	—	—	—	b	—	—
—	Heart's Content	29.83f	31	—	?	1	3	SW	8	bo	0.07	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

May 28th

Sat. 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	30.17	41	38	SSW	4	4	WNW	—	ro	—	4
*Skudesnaes ...	30.15	48	43	NNW	4	6	NNW	—	b	—	2
Oxo (Christiansund)	30.12	49	42	NNW	2	4	WNW	—	b	—	2
Thurso ...	30.21 ⁹	49	47	SE	5	3	ESE	8	bzo	—	0
Wick ...	30.22 ⁹	50	49	SE	3	2	NW	8	co	—	2
Nairn ...	30.19 ⁸	49	47	E	1	2	E	8	com	—	1
Aberdeen ...	30.24 ⁸	52	50	S	1	1	E	7	ba	—	1
Leith ...	30.22 ²	51	50	ENE	2	2	ENE	9	bo	—	—
Shields ...											
Scarborough ...	30.26 ⁹	50	48	SE	2	1	SE	5	be	—	2
Yarmouth ...	30.25 ²	51	48	NE	2	3	NNE	6	c	—	3
Ardrossan ...	30.18 ⁸	54	51	ENE	4	6	E	8	bo	—	2
Greencastle ...	30.09 ⁸	59	56	SE	2	1	SSE	6	cu	—	—
Holyhead ...	30.12 ⁸	57	55	ESE	1	2	WNW	8	cu	—	—
† Liverpool ...											
Valencia ...	30.03 ²	56	53	S	5	6	SSE	6	re	0.08	3
Cape Clear ...	30.03 ²	57	56	SW	3	5	SSE	5	bzm	0.13	2
Roche's Point	30.05 ²	58	54	S	3	5	SE	6	c	—	3
Pembroke ...	30.08 ²	54	51	E	4	3	SE	9	mo	—	2
Penzance ...	30.12 ²	61	57	SE	2	8	ESE	3	be	0.03	2
Plymouth ...	30.12 ²	61	56	E	3	6	E	5	c	—	2
Portsmouth ...	30.15 ²	58	53	ESE	1	4	SSE	6	c	—	1
London ...	30.21 ⁵	53	50	E	3	3	ENE	8	bo	—	—
Helder ...	30.23	52	—	?	2	—	—	—	—	—	2
Cape Gris Nez	30.18 ²	54	50	NE	1	4	NE	0	b	—	1
Brest ...	? 30.09 ²	54	52	NW	4	5	E	9	bf	—	3
L'Orient ...	30.12 ²	55	53	NW	4	5	?N	0	cb	—	2
Rochefort ...	30.15 ²	60	—	WNW	4	7	E	8	bo	—	3
Biarritz ...	30.23 ²	61	59	WNW	5	7 ⁴	W	8	ur	0.04	3
Corunna ...	30.27	64	—	NE	6	—	—	—	c	—	2
Brussels ...	30.18	54	—	ENE	3	—	—	—	b	—	—
Paris ...	30.18	57	—	Z	0	—	—	—	c	—	—
Strasbourg ...	—	54	—	NE	3	—	—	—	b	—	—
Lyons ...	30.10	65	—	S	3	—	—	—	b	—	—
Toulon ...	30.19 ²	70	61	ENE	4	7	E	3	c	—	2
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 4 ft. above the ground.

REMARKS.

Satur. day

Barometrical pressure has again decreased a little except in the south of France, but the change has now been greatest in the north-west of our Islands. In Southern France and the north of Spain, however, a recovery has set in, and readings are at present very uniform throughout the north-west of Europe.

Temperature has changed irregularly, and on the whole is rather lower than it was yesterday.

The wind has "backed" to NW in the west of France, whilst at our own stations it is slowly veering towards SE and S;—but is light everywhere.

Rain has fallen in the south of Ireland but in most parts the weather was very fine yesterday. The sky has now become cloudy generally, and the weather rather hazy. 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.
27 TH	Hearts Coast ⁵	30.042	40	46	S	1	1	S	2	6	-	2
-	Cape Clear	30.10	-	-	-	-	-	-	-	-	-	-
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EIGHT A.M.

WEATHER REPORT. 1870.

May 29th

Sun-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.06	45	43	SW	6	4	WSW	—	c	—	4
* Skudesnaes ...	30.08	50	47	NNW	4	4	NNW	—	b	—	2
* Oxo (Christiansand)	30.00	48	45	NNW	2	6	SW	—	b	—	1
Thurso ...	29.97 $\frac{1}{2}$	60	55	S	2	6	SE	3	m	—	0
Wick ...	29.98 $\frac{1}{2}$	52	51	SSE	4	5	SE	7	oc	—	3
Nairn ...	29.97 $\frac{1}{2}$	61	56	NE	1	1	WNW	6	bcm	—	1
Aberdeen ...	30.05 $\frac{1}{2}$	49	48	S	2	3	S	9	o	—	1
Leith ...	30.04 $\frac{1}{2}$	59	55	E	2	2	E	0	b	—	—
Shields ...											
Scarborough...	30.10 $\frac{1}{2}$	53	51	SSE	3	3	SSE	4	c	—	3
Yarmouth ...	30.11 $\frac{1}{2}$	56	54	ESE	2	3	NE	0	cb	—	2
Ardrossan ...	30.03 $\frac{1}{2}$	60	54	SSW	1	2	E	4	c	—	1
Greencastle ...	29.93 $\frac{1}{2}$	60	56	S	1	3	SE	7	nc	0.02	—
Holyhead ...	30.03 $\frac{1}{2}$	54	51	ESE	2	3	SSW	9	co	—	—
† Liverpool ...											
Valencia ...	29.930	56	54	SSW	4	6	S	7	c/p	0.21	3
Cape Clear ...	29.94 $\frac{1}{2}$	58	56	S	2	5	S	7	n/c	0.53	0
Roche's Point	29.97 $\frac{1}{2}$	57	56	SW	3	5	SW	9	co	0.68	3
Pembroke ...	30.02 $\frac{1}{2}$	54	54	SW	4	3	SW	9	c/f	0.08	2
Penzance ...	30.08 $\frac{1}{2}$	62	59	SSW	3	4	S	8	co	0.20	4
Plymouth ...	30.11 $\frac{1}{2}$	57	55	S	2	3	S	7	co	—	2
Portsmouth ...	30.11 $\frac{1}{2}$	61	56	W	3	3	SE	4	c	—	2
London ...	30.11 $\frac{1}{2}$	58	55	W	2	2	ENE	3	b/m	—	—
Helder ...											
Cape Gris Nez	30.10 $\frac{1}{2}$	58	54	Z	0	4	ENE	3	c	—	1
Brest ...	30.12 $\frac{1}{2}$	55	53	SW	5	5	SW	9	o	—	4
L'Orient ...	30.21 $\frac{1}{2}$	57	57	NW	4	5	WNW	6	c	—	2
Rochefort ...	30.23 $\frac{1}{2}$	58	56	NW	4	5	NW	8	o	—	3
Biarritz...	30.25 $\frac{1}{2}$	61	59	E	3	5	WNW	7	nc	0.04	6
Corunna ...	30.23	63	—	S	—	—	—	—	c	—	2
Brussels ...	30.11	57	—	NNW	1	—	—	—	b	—	—
Paris ...	30.08	64	—	WSW	1	—	—	—	c	—	—
Strasbourg ...	—	59	—	NW	3	—	—	—	o	—	—
Lyons ...	30.17	68	—	N	3	—	—	—	b	—	—
Toulon ...	30.14 $\frac{1}{2}$	64	64	—	1	5	SW	4	a	—	2
Heart's Content (9 a.m. local time.)	30.15 $\frac{1}{2}$	51	48	SW	3	3	W	6	bc	—	3

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

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EIGHT A.M.

WEATHER REPORT. 1870.

Monday

May 30th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb. (0 to 9.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.95	51	46	ENE	4	4	NNW	—	b	—	0
* Skudesnaes ...	29.97	52	50	Z	0	6	NW	—	b	—	1
* Oxo (Christiansand)	30.00	51	49	E	6	2	NE	—	bc	—	3
Thurso ...	29.70 f	50	55	SSE	2	5	WNW	5	mc	—	0
Wick ...	29.79 f	53	52	SE	4	3	SSE	7	c	—	3
Nairn ...	29.77 f	60	54	S	2	1	NE	6	c	—	1
Aberdeen ...	29.04 f	56	53	S	2	1	S	4	fmc	—	1
Leith ...	29.80 f	57	55	SE	2	2	E	9	br	—	—
Shields ...											
Scarborough ...	29.90 f	61	56	SSW	2	3	SSE	9	bo	—	2
Yarmouth ...	29.98 f	60	57	SSW	2	3	ESE	6	c	—	2
Ardrossan ...	29.80 f	55	54	ESE	3	2	SW	8	cr	0.07	2
Greencastle ...	29.64 f	55	54	SE	2	1	S	9	ro	0.45	—
Holyhead ...	29.78 f	55	54	SSE	4	3	SSE	9	o	—	—
† Liverpool ...											
Valencia ...	29.35 f	54	54	S	5	5	SSW	9	ft	0.51	4
Cape Clear ...	29.38 f	51	50	S	8	5	S	9	r	0.32	6
Roche's Point	29.48 f	54	53	S	8	8	S	9	tm	0.46	5
Pembroke ...	29.72 f	54	53	SSE	6	5	S	9	of	0.04	4
Penzance ...	29.81 f	55	54	SW	5	4	SW	9	ofr	0.03	4
Plymouth ...	29.88 f	57	55	SE	6	4	SW	7	op	0.05	5
Portsmouth ...	29.95 f	60	57	S	3	4	W	4	c	—	2
London ...	29.99 f	60	57	SW	2	3	WSW	3	bmc	—	—
Helder ...	30.01	53	—	SSW	2	—	—	—	—	—	1
Cape Gris Nez	30.05 f	56	54	WSW	1	4	WSW	6	fc	—	1
Brest ...	29.93 f	56	54	S	8	5	S	6	o	—	4
L'Orient ...	30.00 f	57	55	SSW	4	4	W	7	c	—	2
Rochefort ...	30.04 f	59	57	ESE	3	5	NW	0	b	—	3
Biarritz ...	29.97 f	65	63	S	1	4	NE	3	c	—	5
Corunna ...											
Brussels ...											
Paris ...											
Strasbourg ...											
Lyons ...											
Toulon ...	30.05 f	66	59	NNE	1	3	SSW	2	cb	—	2
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS

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

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

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

† At Liverpool the thermometers are placed 44 ft. above the ground.

Sea
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(to 9.)

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EIGHT A.M.

WEATHER REPORT. 1870.

May 31st

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	29.73	56	49	NNE	6	6	NNE	—	b	—	2
*Skudesnaes ...	29.69	49	48	E	4	4	S	—	co	—	3
*Oxo (Christiansand)	29.78	51	48	E	4	4	ENE	—	bo	—	2
Thurso ...	29.38 ^f	53	51	SSE	3	6	ESE	5	oc	0.07	0
Wick ...	29.39 ^f	51	50	SE	4	4	SE	8	no	0.10	3
Nairn ...	29.34 ^f	56	53	SSE	1	1	SE	7	o	0.20	1
Aberdeen ...	29.43 ^f	54	51	S	0	1	SSE	6	oc	0.07	1
Leith ...	29.39 ^f	53	50	SW	3	3	SSE	7	oc	0.22	—
Shields ...											
Scarborough...	29.59 ^f	55	50	SW	4	4	S	5	oc	—	4
Yarmouth ...	29.74 ^f	58	55	SW	3	3	SE	4	c	—	3
Ardrossan ...											
Greencastle ...	29.35 ^r	54	53	W	3	5	SSE	7	n	0.04	—
Holyhead ...	29.56 ^s	49	47	SSW	7	5	SSE	9	no	0.23	—
† Liverpool ...											
Valencia ...	29.73 ^r	54	52	W	3	8	WNW	7	p	0.08	3
Cape Clear ...	29.72 ^r	54	52	NW	7	9	W	7	oc	0.05	5
Roche's Point	29.70 ^r	53	49	W	4	8	S	3	c	0.12	4
Pembroke ...	29.70 ^r	53	49	WSW	6	8	SW	3	ogc	0.07	4
Penzance ...	29.85 ^r	56	53	WSW	5	6	WSW	5	c	0.06	4
Plymouth ...	29.83 ^r	55	53	WSW	5	7	SSW	5	cp	0.09	5
Portsmouth ...	29.81 ^f	58	54	W	5	6	W	5	c	—	4
London ...	29.78 ^f	58	53	WSW	6	7	W	5	bnc	—	—
Helder ...	29.78	56	—	SW	7	—	—	—	—	—	4
Cape Gris Nez	29.88 ^r	53	51	?SW	5	3	?WSW	5	oc	—	4
Brest ...	?29.96 ^r	55	53	W	4	7	?WSW	5	of	0.04	5
L'Orient ...	30.02 ^r	55	55	W	5	5	W	6	co	—	3
Rochefort ...	30.08 ^r	59	54	W	4	7	NW	6	oc	—	3
Biarritz...	30.12 ^s	61	50	?N	4	7	?SW	8	n	0.08	6
Corunna ...											
Brussels ...											
Paris ...											
Strasbourg ...											
Lyons ...											
Toulon...	29.44 ^f	69	65	S	1	1	S	2	b	—	1
Heart'sContent (9 a.m. local time.)											

2 P.M. REPORT.

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

EXPLANATION OF THE COLUMNS.

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REMARKS.

Tues. day

The barometrical depression noticed yesterday in the west has travelled in a NE^{ly} direction, and the minimum readings are now in the north of Scotland where the fall has been 0.4 in since yesterday. The recovery which began in Ireland yesterday afternoon has amounted to 0.4 in at Kilmuckie and is beginning to show itself more western and southern coasts. The highest reading is now at Rochefort and it is 0.74 in above that at Hain.

Temperature is generally lower than it was yesterday and is very uniform.

The S^{ly} winds veered to W in the south of Ireland yesterday and to SW on our coast, reaching the force of a gale at Pembroke and Ardrossan, but were only fresh to strong elsewhere. This

morning fresh W^{ly} winds prevail over France and the south of England while in the north and east light breezes between SW and S are general.

Weather continues showery in the west and the sky is generally very cloudy. The sea is high in the Channel.

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.
MAY												
30 th	Corunna	30.12	64	—	SW	—	—	—	—	m	—	2
—	Brussels	30.07	57	—	WSW	1	—	—	—	b	—	—
—	Paris	30.08	58	—	S	1	—	—	—	c	—	—
—	Strasbourg	—	66	—	SW	3	—	—	—	c	—	—
—	Lyon	30.10	68	—	N	1	—	—	—	b	—	—
—	Heart's Content	29.767	54	52	SW	4	4	SW	8	o	0.11	5

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.