

EIGHT A.M.

WEATHER REPORT. 1870.

July 1st

Fri-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)
		Dry	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	29.81	53	51	WSW	2	2	WSW	—	ob	—
* Skudesnaes ...	29.78	52	50	NNW	6	4	NW	—	o	—
* Oxo (Christiansand)	29.69	54	52	SSW	6	6	SW	—	b	—
Thurso ...	29.97 ^f	50	49	NNW	3	5	NNW	6	oc	0.09
Wick ...	29.97 ^r	55	53	NW	3	4	NW	8	o	—
Nairn ...	29.98 ^s	53	50	NNW	1	1	NNW	8	po	0.35
Aberdeen ...	29.96 ^s	53	50	NNW	2	1	NW	6	pc	0.04
Leith ...	29.97 ^s	59	54	NW	3	2	NE	5	oc	0.55
Shields ...	29.97 ^s	54	52	NNE	2	3	NW	8	o	?
Scarborough ...	29.97 ^f	50	49	N	2	2	N	9	ot	0.31
Yarmouth ...	29.95 ^f	56	55	W	4	5	E	4	gc	0.14
Ardrossan ...	30.01 ^f	56	55	NW	2	4	NW	2	cb	—
Greencastle ...	30.11 ^s	53	50	NNW	4	5	NW	6	nc	0.22
Holyhead ...	30.10 ^f	53	51	W	4	4	WNW	9	o	—
Liverpool ...	30.01 ^f	55	51	NW	2	2	NW	3	c	0.05
Valencia ...	30.28 ^f	55	53	NNW	4	5	N	7	cp	0.03
Cape Clear ...	—	—	—	—	—	—	—	—	—	—
Roche's Point	30.22 ^f	56	52	N	4	5	N	6	c	—
Pembroke ...	30.14 ^f	53	50	WNW	4	5	W	7	c	—
Penzance ...	30.19 ^r	57	53	N	6	6	NNE	8	bo	—
Plymouth ...	30.19 ^r	58	55	NW	3	5	NNW	7	co	—
Portsmouth ...	30.08 ^s	60	55	NW	4	3	N	6	c	—
Dover ...	30.03 ^f	57	54	WSW	1	1	WNW	3	c	—
London ...	30.05 ^s	56	53	WNW	3	4	N	9	abr	0.04
Helder ...	29.92	56	—	WSW	6	—	—	—	—	—
Cape Gris Nez	30.06 ^r	55	55	W	4	4	W	9	co	—
Brest ...	30.21 ^r	56	54	NNW	4	4	NNW	1	cb	—
L'Orient ...	30.29 ^r	56	54	NW	4	5	N	3	c	—
Rochefort ...	30.27 ^r	57	53	N	5	5	NW	6	bc	—
Biarritz ...	30.30 ^r	66	61	NW	5	7	W	9	co	—
Corunna ...	30.30	64	—	NE	6	—	—	—	b	—
Brussels ...	30.02	55	—	WSW	1	—	—	—	b	—
Paris ...	30.10	57	—	W	2	—	—	—	b	—
Strasbourg ...	—	64	—	SW	1	—	—	—	b	—
Lyons ...	30.14	66	—	SE	1	—	—	—	b	—
Toulon ...	30.09 ^r	70	59	WSW	5	5	NE	1	cb	—
Heart's Content (9 a.m. local time.)	29.52 ^f	50	50	W	4	4	W	8	bc	0.16

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—
Nairn ...	30.01	56	53	NNW	1	—	—	8	co	—
Scarborough ...	29.99	55	52	N	4	—	—	3	c	—
Greencastle ...	30.12	56	52	NW	4	—	—	8	co	—
Valencia ...	30.27	59	55	N	4	—	—	5	po	—
Penzance ...	30.17	61	55	NNW	6	—	—	4	c	—
London ...	30.06	60	55	NW	4	—	—	9	ob	—
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 bar within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—extreme high sea.

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

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

REMARKS.

Fri-day

The changes in barometrical readings in our Islands since yesterday have been very small; only a slight diminution having occurred over the North Sea.

In the south-west of France, however, the barometer has risen nearly a quarter of an inch - Pressure at Helder is now 0.36 in. less than that at Valencia and 0.38 in. less than that at Biarritz.

Temperature is little altered.

The wind has backed to NW in England and freshened slightly, but remains N^h on all the western coasts - In Holland it is W^h, and SW^h in the south of Norway -

The weather has become showery in the British Isles - except on the Channel coast - and the sky is cloudy generally. The sea is nearly calm.

2 p.m. Pressure & winds are scarcely changed.
The sky continues very cloudy, & the weather is showery.

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.
JUNE												
30 th	Brussels ...	30.03	59	-	SW	3	-	-	-	cr	-	-
"	Paris ...	30.06	58	-	NW	1	-	-	-	f	-	-
"	Strasbourg ...	-	61	-	NW	3	-	-	-	c	-	-
"	Lyons ...	30.03	68	-	SE	3	-	-	-	c	-	-
"	Heart's Content	29.785	49	47	WSW	3	3	WSW	6	mfc	0.01	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July 2nd

Saturday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	29.67	49	48	N	6	4	NNE	—	o	—
* Skudesnaes ...	29.55	50	50	NW	4	6	NW	—	fo	—
* Oxo (Christiansand)	29.50	55	53	ENE	4	6	SW	—	co	—
Thurso ...	29.787	48	47	N	6	5	NNW	8	mo	0.03
Wick ...	29.963	52	49	NNW	5	4	E	8	o	—
Nairn ...	29.997	53	51	NNW	3	1	NNW	8	o	0.03
Aberdeen ...	29.937	53	50	NNW	5	6	NNW	6	c	0.07
Leith ...	29.947	57	54	NW	4	2	NW	3	pc	0.03
Shields ...	29.927	56	54	NW	2	3	NE	8	co	?
Scarborough ...	29.937	55	52	NNW	3	4	N	9	co	—
Yarmouth ...	29.947	54	53	WNW	3	4	WNW	4	c	—
Ardrossan ...	29.987	55	52	NW	4	4	NW	2	cb	—
Greencastle ...	30.077	56	53	NNW	3	5	NNW	9	no	0.08
Holyhead ...	30.087	55	52	NW	2	4	WSW	9	co	—
Liverpool ...	30.027	56	52	NW	2	2	NW	5	c	0.05
Valencia ...	30.237	57	53	N	1	4	N	3	a	—
Cape Clear ...										
Roche's Point	30.157	57	53	Z	0	5	NNW	8	co	—
Pembroke ...										
Penzance ...	30.157	58	53	NNE	3	6	NNW	2	cb	—
Plymouth ...	30.137	57	53	WNW	2	4	NW	5	pc	0.03
Portsmouth ...	30.047	57	53	NNW	2	5	NNW	4	co	0.05
Dover ...	29.987	58	58	N	3	2	SW	3	c	0.07
London ...	30.027	56	51	NW	4	7	NW	5	pc	0.09
Helder ...	29.87	54	—	WNW	6	—	—	—	—	—
Cape Gris Nez	29.967	53	51	W	4	7	W	6	of	—
Brest ...	30.087	57	55	NW	3	4	WNW	6	o	0.02
L'Orient ...	30.207	57	55	NW	3	5	W	4	c	—
Rochefort ...	30.237	59	57	NW	4	5	NW	9	co	—
Biarritz ...	30.257	64	60	WSW	4	5	NW	8	co	—
Corunna ...	30.34	63	—	SW	3	—	—	—	o	—
Brussels ...	29.93	53	—	WSW	3	—	—	—	c	—
Paris ...	30.08	—	—	NW	2	—	—	—	c	—
Strasbourg ...	—	58	—	SW	3	—	—	—	o	—
Lyons ...	30.13	64	—	S	3	—	—	—	o	—
Toulon ...										
Heart's Content (9 a.m. local time.)	29.817	52	47	NSW	3	5	SW	2	rfb	—

2 P.M. REPORT.

Skudesnaes ...										
Nairn ...										
Scarborough ...	29.94	57	54	N	4	—	—	9	o	—
Greencastle ...	30.04	58	55	NNW	2	—	—	8	o	—
Valencia ..	30.16	60	54	N	2	—	—	6	lc	—
Penzance ...	30.12	63	55	N	3	—	—	2	h	—
London ...	29.99	69	57	NW	6	—	—	9	co	—
Rochefort ...										

EXPLANATION OF THE COLUMNS.

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

Date
JULY
1st

REMARKS.

Satur-day

The barometer has fallen again at all stations principally in Norway and the northern parts of France, but the relative distribution of pressure differs little from that of yesterday. The highest readings are at Rochefort and Valencia and exceed that at Oslo by 0.73 in.

Temperature has changed irregularly, but not much.

The winds continue light: in direction they are N^h on all the northern and western coasts, drawing gradually into NW over England and France.

The weather has been showery in most parts of our Islands and the sky is still cloudy especially in the west and north. The sea is calm on our southern coasts, moderate elsewhere.

2. p. m. Pressure continues to decrease slowly.
Winds are not materially altered.

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.
JULY 1 st	Heart's Content	29.527	50	50	W	4	4	W	8	br	0.16	4

Meteorological Office,

ROBERT H. SCOTT.

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July 3rd

Sunday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	D. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.60	51	45	NNW	4	6	NNW	—	o-c	—	4
* Skudesnaes ...	—	49	45	NNW	8	8	NW	—	b	—	2
* Oxo (Christiansand)	29.44	51	51	NW	2	2	NNW	—	b	—	2
Thurso ...	29.84f	51	48	ENE	2	6	N	5	o-c	—	1
Wick ...	29.86f	52	49	NNE	3	4	NNW	8	o	—	2
Nairn ...	29.87f	55	52	E	1	3	E	6	c	—	1
Aberdeen ...	29.88f	50	47	NNW	1	1	NNW	8	c-o	—	1
Leith ...	29.88f	53	51	NE	2	3	NW	—	b-m	—	3
Shields ...	29.92f	52	50	NE	2	3	NNE	7	o	—	3
Scarborough ...	29.93f	53	51	N	3	4	N	9	o	—	3
Yarmouth ...	29.94f	54	54	NW	2	3	NW	6	r-m	0.28	3
Ardrossan ...	29.84f	56	52	WNW	2	4	NW	5	b-c	—	1
Greencastle ...	29.86f	54	54	SW	1	3	NNW	9	o	—	1
Holyhead ...	29.96f	54	53	W	1	3	WNW	9	o	—	1
Liverpool ...	29.92f	56	54	NW	2	2	NW	8	c-o	—	1
Valencia ...	30.02f	61	60	WSW	2	2	N	9	c-f	0.02	2
Cape Clear ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point	29.97f	57	56	S	1	2	SW	9	m	0.02	1
Pembroke ...	29.98f	58	55	W	2	3	WNW	8	c-o	—	0
Penzance ...	30.02f	59	54	S	3	4	NNE	8	b-o	—	2
Plymouth ...	30.02f	59	53	L	0	4	NW	7	c-o	—	1
Portsmouth ...	29.98f	61	56	W	1	4	W	8	c-o	—	1
Dover ...	29.945	60	58	SW	2	2	N	7	b-o	—	2
London ...	29.975	57	54	WNW	4	3	NW	9	c-b-o	—	—
Helder ...	—	—	—	—	—	—	—	—	—	—	—
Cape Gris Nez	29.97f	56	54	WNW	1	5	WSW	5	o-f	—	1
Brest ...	30.02f	59	57	S	3	3	WNW	6	b-o	—	2
L'Orient ...	30.08f	55	53	ENE	3	5	W	6	c	—	2
Rochefort ...	30.08f	60	58	N	3	5	NW	0	c-b	—	3
Biarritz ...	30.08f	61	59	S	3	4	WSW	8	m-t	0.35	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.93f	62	51	WNW	7	7	WNW	2	b	—	2
Heart's Content (9 a.m. local time.)	30.12f	55	50	WNW	1	4	SW	1	c-b	—	1

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	—	—	—	—	—	—	—	—	—	—	—
Greencastle ...	—	—	—	—	—	—	—	—	—	—	—
Valencia ..	—	—	—	—	—	—	—	—	—	—	—
Pelzance ...	—	—	—	—	—	—	—	—	—	—	—
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 bar within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0=dead calm; 1=light breeze; 2=moderate breeze; 3=strong breeze; 4=very strong breeze; 5=gale; 6=storm; 7=very storm; 8=hurricane; 9=very hurricane.

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.

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EIGHT A.M.

WEATHER REPORT. 1870. *July 4th**Mon. day*

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
*Christiansund	29.64	49	46	WSW	2	6	N	—	c	—
*Skudesnaes ...	29.64	50	46	NW	4	6	NNW	—	b	—
*Oxo (Christiansand)	29.60	55	50	N	2	2	ESE	—	b	—
Thurso ...	29.587	54	53	S	6	4	SE	7	c	0.05
Wick ...	29.387	55	54	S	4	5	SE	8	co	0.05
Nairn ...	29.407	61	58	NW	1	1	E	7	co	0.12
Aberdeen ...	29.497	58	52	SSW	2	2	SSE	9	co	0.17
Leith ...	29.518	61	59	W	5	3	W	8	bo	0.13
Shields...	29.627	60	59	SW	2	2	W	9	o	?
Scarborough...	29.667	57	57	SW	3	2	E	9	o	0.09
Yarmouth ...	29.797	59	58	SW	3	3	NW	4	c	—
Ardrossan ...	29.577	58	57	W	3	2	WSW	7	2	0.61
Greencastle ...	29.607	61	59	W	4	3	NNW	8	20	0.54
Holyhead ...	29.747	58	57	SSW	4	5	SSW	9	o	0.22
Liverpool ...	29.707	64	61	W	2	2	W	8	o2	0.19
Valencia ...	29.857	62	61	WSW	4	3	WSW	9	2f	0.08
Cape Clear ...										
Roche's Point	29.847	63	61	WSW	2	3	SW	9	uo	0.05
Pembroke ...	29.827	56	56	W	4	6	WSW	9	of	0.05
Penzance ...	29.967	62	61	W	3	3	WSW	9	po	—
Plymouth ...	29.947	62	61	SW	2	3	SW	9	o2	0.04
Portsmouth ...	29.857	61	61	West	4	4	W	9	o	0.04
Dover ...	29.847	58	58	SW	3	2	SW	5	opm	0.09
London ...	29.837	61	60	WSW	2	2	WSW	9	po	0.04
Helder ...	29.82	59	—	WSW	3	—	—	—	—	—
Cape Gris Nez										
Brest ...	30.002	59	59	WSW	4	4	WSW	9	uo	—
L'Orient ...	30.102	59	57	NW	4	4	WSW	9	co	—
Rochefort ...	30.102	65	63	W	3	5	NW	8	co	—
Biarritz...	30.142	64	57	WSW	7	5	W	9	c2	0.12
Corunna ...	30.18	66	—	NE	3	—	—	—	o	—
Brussels ...	29.91	59	—	SW	4	—	—	—	o	—
Paris ...	30.00	57	—	WSW	2	—	—	—	o	—
Strasbourg ...	—	63	—	SW	3	—	—	—	o	—
Lyons ...	30.04	66	—	N	3	—	—	—	b	—
Toulon ...	30.037	45	59	NNW	1	1	NNW	1	b	—
Heart's Content (9 a.m. local time.)	30.137	60	52	SW	2	3	WSW	1	b	—

2 P.M. REPORT.

Skudesnaes ...	29.61	57	48	SSE	4	—	—	—	o	—
Nairn ...						—	—	—	—	—
Scarborough ...	29.69	69	65	W	4	—	—	7	oe	—
Greencastle ...	29.69	63	57	W	3	—	—	4	oe	—
Valencia ...	29.90	64	61	WSW	3	—	—	9	fo	—
Penzance ...	30.02	67	64	NNW	4	—	—	9	o	—
London...	29.93	72	65	WSW	5	—	—	9	o	—
Rochefort ...						—	—	—	—	—

EXPLANATION OF THE COLUMNS.

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

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

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

REMARKS.

Mon-day

Since Saturday the barometer has fallen at all stations and especially at those in Scotland, but during the night a rise has set in on the west coast of France. Pressure is now lowest on the Scotch coasts, and the reading at Thurso is 0.72 in. less than that at L'Orient -

Temperature has increased, and the air has become generally warm and damp in our Islands -

The winds have all backed to W or SW on our coasts, but continue light or moderate in force. In Norway, however, they are still NW^{ly} -

Showers have been general during the past day, and the sky is thickly overcast in the south and west - The sea is calm.

2 P.M.: Pressure is now rising again - mostly in London. The wind has veered slightly at Scarborough and continues W^{ly} and moderate 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.
JULY												
2 ND	Cornwall	30.34	65	-	SW	3	-	-	-	o	-	2
"	Brussels	29.93	53	-	WSW	3	-	-	-	c	-	-
"	Paris	30.08	-	-	NW	2	-	-	-	c	-	-
"	Strasbourg	-	58	-	SW	3	-	-	-	o	-	-
"	Lyon	30.13	64	-	S	3	-	-	-	o	-	-
"	Heart's Content	29.81	52	47	WSW	3	5	SW	2	rfb	-	4

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July 5th

Tues-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	29.43	54	50	SW	6	6	NIVE	—	c	—
* Skudesnaes ...	29.56	50	50	SSE	2	6	SSE	—	of	—
* Oxo (Christiansund)	29.55	55	54	SW	6	4	SSW	—	no	—
Thurso ...	29.42f	55	52	WSW	5	6	WNW	5	c	0.05
Wick ...	29.43f	59	54	WSW	6	6	WSW	7	c	0.02
Nairn ...	29.57f	55	52	W	3	2	NW	2	cb	0.01
Aberdeen ...	29.62f	61	53	W	2	3	SW	3	c	—
Leith ...	29.62f	58	54	W	7	5	W	2	b	0.11
Shields ...	29.73r	62	58	WNW	3	4	NW	2	c	—
Scarborough...	29.80r	59	56	W	3	4	W	7	c	—
Yarmouth ...	29.89r	66	64	W	4	4	W	4	c	—
Ardrossan ...	29.70r	59	54	NW	5	6	NW	5	c	0.05
Greencastle ...	29.71f	56	53	WSW	5	4	W	7	oc	0.04
Holyhead ...	29.87r	56	54	SSW	4	3	WSW	7	o	—
Liverpool ...	29.86r	60	56	W	2	2	W	4	c	0.04
Valencia ...	29.91r	61	59	SW	3	3	WSW	7	mc	0.02
Cape Clear ...										
Roche's Point	29.92r	57	56	WSW	3	4	SW	9	mfr	0.06
Pembroke ...	29.95r	55	54	WSW	3	6	WSW	9	fr	0.10
Penzance ...	30.02f	61	60	W	3	4	W	9	ofr	—
Plymouth ...	30.04r	60	59	SW	3	4	WSW	9	mt	0.06
Portsmouth ...	30.03r	61	59	WSW	5	5	W	9	o	—
Dover ...	29.93r	58	58	WSW	5	3	SW	7	cf	—
London ...	29.97r	65	62	WSW	4	6	W	9	co	—
Helder ...	29.90	62	—	SW	6	—	—	—	—	—
Cape Gris Nez	30.03r	59	59	WSW	5	5	SW	9	f	0.08
Brest ...	30.10r	58	58	SSW	7	4	W	9	m	—
L'Orient ...	30.21r	61	61	W	3	4	W	9	f	—
Rochefort ...	30.23r	64	62	N	1	5	NW	9	cf	—
Biarritz...	30.20f	63	61	E	4	5	W	0	mb	0.04
Cerunna ...										
Brussels ...	30.10	65	—	WSW	3	—	—	—	o	—
Paris ...	30.17	70	—	WSW	2	—	—	—	c	—
Strasbourg ...	—	69	—	SW	3	—	—	—	o	—
Lyons ...	30.26	73	—	N	3	—	—	—	b	—
Toulon ...	30.18r	73	59	NE	4	4	WSW	1	b	—
Heart's Content (9 a.m. local time.)	30.20r	62	56	WNW	1	2	WSW	1	b	—

2 P.M. REPORT.

Skudesnaes ...										
Nairn ...	29.52	62	55	W	3	—	—	4	bc	—
Scarborough...	29.81	67	60	W	3	—	—	7	c	—
Greencastle ...										
Valencia ..	29.90	61	57	WSW	3	—	—	9	co	—
Penzance ...										
London...	30.00	67	65	SW	4	—	—	9	or	—
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 barometer within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 1—light breeze; 2—breeze; 3—fresh breeze; 4—strong breeze; 5—fresh gale; 6—strong gale; 7—breeze with sea; 8—fresh gale with sea; 9—strong gale with sea; 10—breeze with high sea.

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

REMARKS.

Tues. day

The increase of barometrical pressure which appeared in France yesterday has become general this morning, though the change has only been slight. The lowest readings are still in the north of Scotland, and the difference between L'orient and Thurso is 0.79 in.

Temperature has fallen in the north and west but it is rather warmer in the east.

Winds have veered a little and are now W^{ly} and generally light, but with fresh breezes at Leith and in the north of Scotland.

Weather has been foggy with rain in the west - elsewhere the sky is very cloudy. The sea is rather high at Ardnamoan, moderate elsewhere.

2 P.m. Pressure has scarcely changed since the morning and the light W^{ly} winds are still prevalent.

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
JULY 4 TH	Corunna	30.18	66	—	NE	3	—	—	—	o	—	2
—	Brussels	29.91	59	—	SW	4	—	—	—	o	—	—
—	Paris	30.00	57	—	WSW	2	—	—	—	o	—	—
—	Strasbourg	—	63	—	SW	3	—	—	—	o	—	—
—	Lyons	30.04	66	—	N	3	—	—	—	6	—	—
—	Toulon	30.035	75	59	WNW	1	1	WNW	1	6	—	0
—	Heart's Content	30.135	60	52	SW	2	3	WSW	1	6	—	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July 6th

Wednesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	29.37	54	50	SSW	2	8	W	—	r	—
* Skudesnaes ...	29.52	51	50	SSE	2	4	SW	—	co	—
* Oxo (Christiansund)	29.55	55	52	SW	6	6	SW	—	bc	—
Thurso ...	29.40f	56	52	WNW	6	6	WNW	5	ocg	0.03
Wick ...	29.45f	57	54	WSW	6	6	WSW	8	co	—
Nairn ...	29.54f	54	52	W	3	1	W	8	co	—
Aberdeen ...	29.57s	58	52	WSW	4	3	SW	7	c	—
Leith ...	29.70f	58	53	W	7	7	W	2	bq p	—
Shields ...	29.81f	60	57	NW	3	3	W	3	c	—
Scarborough ...	29.84f	60	56	W	3	3	W	6	c	—
Yarmouth ...	29.93f	59	58	W	3	3	SW	6	r	0.44
Ardrossan ...	29.79f	56	52	W	5	8	NNW	6	pc	0.13
Greencastle ...	29.80f	58	53	W	5	5	WSW	5	re	0.10
Holyhead ...	29.93f	56	53	SSW	3	6	SSW	7	oc	—
Liverpool ...	29.89f	58	54	W	3	2	W	4	c	0.01
Valencia ...	30.00f	59	56	W	3	3	WSW	3	oc	—
Cape Clear ...										
Roche's Point	29.97f	57	54	W	2	4	WSW	2	rb	0.28
Pembroke ...	29.97f	57	56	WNW	1	2	SW	3	f m	0.56
Penzance ...	30.02f	59	57	N	2	4	W	8	o	0.20
Plymouth ...	30.02f	60	58	NW	1	4	WSW	9	mt	0.08
Portsmouth ...	29.98f	61	60	NW	1	5	WSW	9	or	0.03
Dover ...	29.96s	61	61	SW	3	4	WSW	7	cfr	0.03
London ...	29.97f	62	60	W	3	6	SW	9	ro	0.13
Helder ...	29.88	59	—	WSW	3	—	—	—	—	—
Cape Gris Nez	29.97f	58	55	WSW	4	5	WSW	9	f	—
Brest ...	30.04f	59	59	SW	3	4	SSW	9	f m	—
L'Orient ...	30.11f	60	60	W	3	3	WSW	9	f	—
Rochefort ...	30.09f	63	61	N	4	4	NW	9	b f	—
Biarritz ...	30.09f	70	68	SW	5	5	E	6	bc	—
Corunna ...	30.11	68	—	SW	3	—	—	—	o	—
Brussels ...	29.96	66	—	WSW	1	—	—	—	o	—
Paris ...	30.04	67	—	WNW	2	—	—	—	f	—
Strasbourg ...	—	82	—	SE	1	—	—	—	b	—
Lyons ...	30.10	77	—	SE	3	—	—	—	b	—
Toulon ...	30.10f	83	—	NNE	1	3	WSW	0	b	—
Heart's Content (9 a.m. local time.)	30.02f	64	57	SW	3	3	SW	2	b	—

2 P.M. REPORT.

Skudesnaes ...										
Nairn ...	29.56	56	55	W	4	—	—	9	or	—
Scarborough ...	29.89	65	58	W	4	—	—	6	c	—
Greencastle ...										
Valencia ..	30.05	63	58	W	3	—	—	5	c	—
Penzance ...										
London ...	30.02	70	61	SW	3	—	—	9	o	—
Rochefort ...										

EXPLANATION OF THE COLUMNS.

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

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

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

REMARKS.

Wednesday

Barometrical readings in our Islands have hardly changed during the past day, but in France a decrease has set in during the night. The highest pressure now reported is at L'Orient and exceeds that at Tenero by 0.68 in.

Temperature also has varied slightly, and irregularly.

The winds continue W^h on all our coasts; blowing rather freshly in the northern districts, but light or moderate elsewhere.

The weather has been damp and showery in England. The sky is overcast and foggy in the south, and generally cloudy on the other coasts. The sea is moderate in the Bay of Biscay, calm elsewhere.

2 Pm. Pressure has increased slightly and winds are unchanged since the 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.
JULY												
5 TH	Rockfort	30.23r	64	62	N	1	5	NW	9	cf	—	3
—	Boussels	30.10	65	—	WSW	3	—	—	—	o	—	—
—	Paris	30.17	70	—	WSW	2	—	—	—	a	—	—
—	Strasbourg	—	69	—	SW	3	—	—	—	o	—	—
—	Lyon	30.26	73	—	N	3	—	—	—	b	—	—
—	Heart's Content	30.20r	62	56	WNW	1	2	WSW	1	b	—	1
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Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July 7th

Thurs-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	29.57	57	57	SW	4	4	NNE	—	co	—
* Skudesnaes ...	29.76	50	50	?W	6	6	SSW	—	oc	—
* Oxo (Christiansund)	29.71	57	48	SW	6	6	SW	—	fcb	—
Thurso ...	29.90 ^r	54	51	W	3	7	WNW	6	qpc	0.03
Wick ...	29.90 ^r	55	53	W	4	6	W	8	o	0.20
Nairn ...	29.93 ^r	58	55	WNW	2	3	W	7	co	0.04
Aberdeen ...	29.97 ^r	59	55	Z	0	5	W	8	co	—
Leith ...	30.00 ^r	57	53	W	5	6	W	9	bo	0.01
Shields ...	30.06 ^r	62	59	NW	2	3	W	3	a	—
Scarborough ...	30.08 ^r	63	59	W	2	4	W	1	cb	—
Yarmouth ...	30.13 ^r	64	60	NW	3	3	WNW	0	cb	—
Ardrossan ...	30.04 ^r	58	55	W	2	5	N	7	c	—
Greencastle ...	30.03 ^r	57	54	WSW	2	5	W	9	ro	0.02
Holyhead ...	30.11 ^r	57	54	SW	1	3	SW	7	co	—
Liverpool ...	30.10 ^r	60	50	W	1	2	W	2	cb	—
Valencia ...	? 30.22 ^r	59	57	S	4	3	W	7	c	—
Cape Clear ...										
Roche's Point	30.07 ^r	60	57	S	2	3	W	9	co	—
Pembroke ...	30.10 ^r	57	55	?S	1	2	WSW	3	cf	—
Penzance ...	30.16 ^r	60	58	S	1	3	NNW	0	cb	—
Plymouth ...	30.16 ^r	60	56	W	2	3	W	0	cbm	—
Portsmouth ...	30.12 ^r	62	58	Z	0	1	WNW	3	oc	—
Dover ...	30.11 ^r	64	63	NNE	1	2	SW	1	cfb	0.13
London ...	30.14 ^r	64	58	S	1	3	W	1	acb	0.01
Helder ...	30.11	59	—	WNW	2	—	—	—	—	—
Cape Gris Nez	30.13 ^r	60	58	WSW	1	5	WSW	7	mo	0.08
Brest ...	? 30.09 ^r	61	61	S	1	4	SW	9	f	—
L'Orient ...	30.17 ^r	61	61	E	1	3	W	9	fo	—
Rochefort ...	30.10 ^r	68	66	?N	3	5	NW	3	bc	—
Biarritz ...	30.11 ^r	68	66	E	3	4	W	9	co	—
Corunna ...	30.23	68	—	NW	3	—	—	—	c	—
Brussels ...	30.13	66	—	WNW	1	—	—	—	c	—
Paris ...	30.13	66	—	NNW	2	—	—	—	o	—
Strasbourg ...	—	72	—	NE	3	—	—	—	b	—
Lyons ...	30.12	79	—	N	1	—	—	—	b	—
Toulon ...	30.10 ^f	78	62	SW	4	4	SW	1	b	—
Heart's Content (9 a.m. local time.)	29.85 ^f	56	54	SW	3	3	SW	3	bfc	—

2 P.M. REPORT.

Skudesnaes ...										
Nairn ...	29.97	64	59	WNW	2	—	—	6	c	—
Scarborough ...	30.09	63	59	E	2	—	—	6	bc	—
Greencastle ...	30.01	63	58	WSW	1	—	—	9	o	—
Valencia ...	29.98	61	60	SSW	5	—	—	7	cr	—
Penzance ...	30.14	65	61	SSE	2	—	—	0	b	—
London ...	30.10	73	63	SSE	1	—	—	3	cb	—
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 rainfall, and their "extreme" wind is an observation taken at 8 p.m.

PRINTED

REMARKS.

Thurs. day

The barometer has now risen at all stations, and the change having been greatest in the north pressure has become much more uniform than of late. The reading at Valencia is only 0.32 in. higher than that at Wick.

Temperature has increased slightly, except in the extreme north.

The winds are now light; in Ireland they are S^W, in Scotland W^W, and on our east coast NW^W, while in the Channel light variable airs and calms are reported.

A little rain has fallen in Scotland; but the sky has cleared in the south and east of England, though still cloudy elsewhere.

The sea is calm.

2 P.m. A decrease of pressure has commenced in the South and West, and the S^W wind at Valencia has freshened but elsewhere light variable airs still prevail.

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
JULY												
6 TH	Comuna	30.11	68	—	SW	3	—	—	—	o	—	2
—	Bonnels	29.96	66	—	WSW	1	—	—	—	c	—	—
—	Taxis	30.04	67	—	WNW	2	—	—	—	f	—	—
—	Strasbourg	—	982	—	SE	1	—	—	—	b	—	—
—	Lyon	30.10	77	—	SE	3	—	—	—	b	—	—
—	Hearts Content	30.024	64	57	SW	3	3	SW	2	b	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Fri-day

July 8th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	29.92	49	48	SW	6	8	WSW	—	orc	—
* Skudesnaes ...	30.02	52	51	ESE	4	2	WNW	—	cb	—
* Oxo (Christiansund)	30.00	56	50	WNW	6	6	WNW	—	cb	—
Thurso ...	29.917	53	50	Z	0	4	W	5	oc	—
Wick ...	29.900	56	53	ENE	2	4	W	8	fo	0.03
Nairn ...	29.897	58	55	WNW	1	2	SW	6	cm	—
Aberdeen ...	29.957	57	55	SSW	1	3	SW	8	o	—
Leith ...	29.907	54	54	E	2	5	W	9	cr	0.22
Shields ...	30.007	61	60	SW	1	2	WSW	8	om	0.06
Scarborough ...	30.007	68	62	SW	1	2	SE	1	cb	—
Yarmouth ...	30.007	65	62	SE	2	3	SE	3	c	—
Ardrossan ...	29.927	57	56	SW	3	2	S	8	cr	0.67
Greencastle ...	29.897	60	59	NE	1	2	WSW	9	ro	0.22
Holyhead ...	29.997	58	57	SSW	4	2	SW	9	co	—
Liverpool ...	29.997	63	58	SW	1	1	WNW	2	b	—
Valencia ...	29.937	62	62	SW	3	5	SSW	9	rf	0.73
Cape Clear ...										
Roche's Point	29.967	60	58	S	1	3	S	9	mo	0.03
Pembroke ...	29.997	62	58	SSE	1	2	SSW	7	c	—
Penzance ...	30.037	62	60	ESE	1	2	SSE	3	bc	—
Plymouth ...	30.027	65	61	NE	1	2	W	4	bm	—
Portsmouth ...	30.017	65	59	SSE	1	1	SSW	5	c	—
Dover ...	30.137	63	63	ENE	1	1	ENE	1	b	—
London ...	30.047	66	59	ESE	1	2	SSE	2	cb	—
Helder ...	30.12	65	—	ESE	2	—	—	—	—	—
Cape Gris Nez	30.067	67	65	E	1	1	WNW	1	ob	—
Brest ...	29.927	65	61	ENE	1	4	NW	9	bo	—
L'Orient ...	29.957	64	60	N	3	3	—	9	cb	—
Rochefort ...	29.917	73	71	E	4	5	N	5	c	—
Biarritz ...	29.927	73	68	E	1	7	W	4	tc	0.08
Corunna ...	29.97	70	—	NE	3	—	—	—	o	—
Brussels ...	30.10	64	—	NNE	1	—	—	—	b	—
Paris ...	30.01	73	—	ENE	1	—	—	—	c	—
Strasbourg ...	—	70	—	N	3	—	—	—	b	—
Lyons ...	30.00	80	—	S	1	—	—	—	o	—
Toulon ...	30.027	81	67	Z	0	4	WSW	0	b	—
Heart's Content (9 a.m. local time.)	29.992	64	58	SW	1	5	WSW	1	b	—

2 P.M. REPORT.

Skudesnaes ...										
Nairn ...										
Scarborough ...	29.96	67	63	SW	2	—	—	2	b	—
Greencastle ...										
Valencia ..	29.95	63	62	SSW	2	—	—	9	rf	—
Penzance ...	29.90	70	63	SSE	1	—	—	3	bc	—
London ...	29.98	83	68	S	2	—	—	9	bo	—
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 within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 1—light sea; 2—moderate sea; 3—rough sea; 4—very rough sea; 5—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.

Date.
JULY
7TH

PRINT

REMARKS.

Fri. day

The increase in pressure noticed yesterday has now extended to the north-west of Norway, but has been succeeded in our Islands and France by a decrease, amounting to 0.22 in. at L'orient, and readings are very uniform. The greatest difference between those at any two stations is 0.23 in. (Helder to Greenock).

Temperature has again risen at all but the Scotch stations, and is high in the south and east.

The winds are light and very variable; though principally S^W on our western coasts and E^W in the Channel and France.

The sky is still very cloudy in the west and north-west and rain has fallen at several northern stations. The sea is calm.

2 P.M. The barometer has commenced rising again at Valencia, but has fallen slightly in England. The winds are generally light from the S^W.

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.
JULY												
7 TH	Rocheport	30.107	68	66	N	3	5	NW	3	bc	—	3
—	Biarritz	30.117	68	66	E	3	4	W	9	co	—	5
—	Corunna	30.23	68	—	NW	3	—	—	—	c	—	2
—	Brussels	30.13	66	—	WNW	1	—	—	—	c	—	—
—	Paris	30.13	66	—	NNW	2	—	—	—	o	—	—
—	Strasbourg	—	72	—	NE	3	—	—	—	b	—	—
—	Lyon	30.12	74	—	N	1	—	—	—	b	—	—
—	Heart's Content	29.857	56	54	SW	3	3	SW	3	bfc	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July 9th

Saturday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	29.47	53	51	WSW	4	4	SSW	—	or	—
* Skudesnaes ...	30.00	53	53	SSE	4	4	S	—	or	—
* Oxo (Christiansund)	29.47	57	55	SW	4	4	SW	—	o	—
Thurso ...	29.945	56	54	SE	1	2	NNE	5	fc	—
Wick ...	29.945	55	54	E	2	2	E	8	cf	—
Nairn ...	29.945	56	55	Z	0	1	ENE	9	cm	—
Aberdeen ...	29.925	69	65	S	1	2	SSW	6	c	0.09
Leith ...	29.905	57	56	NE	2	2	SSE	3	oc	0.03
Shields ...	29.915	64	62	ENE	2	2	E	2	c	—
Scarborough ...	29.935	65	62	SE	1	2	SW	1	b	—
Yarmouth ...	29.925	64	62	SE	2	2	ESE	3	c	—
Ardrossan ...	29.935	61	59	NNW	1	1	SE	6	nc	0.25
Greencastle ...	29.915	59	57	ENE	1	1	N	9	o	—
Holyhead ...	29.925	61	60	SSW	1	2	SSW	7	c	—
Liverpool ...	29.895	65	61	SW	1	1	SW	3	bc	—
Valencia ...	29.885	62	61	S	2	3	SSW	8	fo	0.01
Cape Clear ...										
Roche's Point	29.895	62	60	S	2	2	S	9	fo	—
Pembroke ...	29.875	63	62	Z	0	2	N	7	bm	0.30
Penzance ...	29.915	62	62	W	2	3	E	9	flr	0.44
Plymouth ...	29.895	66	63	Z	0	1	W	9	poj	—
Portsmouth ...	29.885	69	65	E	1	1	SSE	9	o	0.08
Dover ...	29.845	72	68	NNE	2	1	E	1	ob	—
London ...	29.895	68	64	Z	0	2	SE	9	bo	0.02
Helder ...	29.94	64	—	ESE	3	—	—	—	—	—
Cape Gris Nez	29.885	63	63	E	1	3	NNE	5	oc	—
Brest ...	29.815	59	—	SSW	3	4	N	9	cf	—
L'Orient ...	29.845	62	62	WSW	3	3	SW	9	cf	0.24
Rochefort ...	29.965	67	67	SW	4	4	WSW	9	co	—
Biarritz ...	30.025	70	66	W	4	7	W	9	mo	—
Corunna ...	30.00	69	—	NE	3	—	—	—	c	—
Brussels ...	29.89	72	—	S	1	—	—	—	b	—
Paris ...	29.92	66	—	S	1	—	—	—	o	—
Strasbourg ...	—	76	—	SW	1	—	—	—	o	—
Lyons ...	30.00	79	—	S	3	—	—	—	o	—
Toulon ...	30.125	76	71	NNE	1	1	WSW	0	b	—
Heart's Content (9 a.m. local time.)	29.995	63	63	SW	3	3	SW	8	bf	—

2 P.M. REPORT.

Skudesnaes ...										
Nairn ...										
Scarborough ...	29.90	63	60	SE	2	—	—	8	co	—
Greencastle ...	29.89	60	58	ENE	2	—	—	8	co	—
Valencia ..	29.85	63	61	S	5	—	—	8	mo	—
Penzance ...	30.01	65	61	W	2	—	—	8	r	—
London ...	29.84	75	68	SW	1	—	—	9	ro	—
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 barometer within last 24 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 1—light breeze; 2—moderate breeze; 3—fresh breeze; 4—strong breeze; 5—very strong breeze; 6—storm; 7—violent storm; 8—hurricane; 9—cyclone.

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.

PRINTED BY

REMARKS.

Satur. day

The barometer having fallen somewhat at the English and French stations while it has risen slightly on the northern coasts, readings have become remarkably uniform. The greatest difference between those at any two stations is only 0.16 in. (Skudesnaes to Dover).

Temperature has risen in the south-east of England and is very high, but has fallen at the French stations.

The winds are very light and extremely variable in direction.

Some rain has fallen in different parts of the country, accompanied by thunder, lightning, and fog in the south-west of England.

The sky continues clear on the east coast, but is very cloudy elsewhere. The sea is calm.

2 P.m. Pressure is slightly lower, but there has been no change of importance since the 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.
JULY												
8 TH	Biarritz	29.928	73	68	E	1	7	W	4	bc	0.08	5
---	Corunna	29.97	70	-	NE	4	-	-	-	c	-	2
---	Brussels	30.10	64	-	NNE	1	-	-	-	b	-	-
---	Paris	30.01	73	-	ENE	1	-	-	-	c	-	-
---	Strasbourg	-	70	-	N	3	-	-	-	b	-	-
---	Lyon	30.00	80	-	S	1	-	-	-	c	-	-
---	Heart's Content	29.921	64	58	SW	1	5	WSW	1	b	-	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

SLEET-day

July 10th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches.)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	30.00	54	52	WSW	4	2	W	—	ac	—
* Skudesnaes ...	29.93	61	58	ENE	2	0	Z	—	ob	—
* Oxo (Christiansund)	29.95	61	57	NE	4	2	SE	—	c	—
Thurso ...	29.80f	60	58	SE	1	3	ENE	5	fc	—
Wick ...	29.83f	56	55	ESE	3	2	ENE	8	fo	—
Nairn ...	29.84f	56	54	Z	0	1	ENE	8	m	—
Aberdeen ...	29.82f	60	58	ENE	2	1	S	9	cm	0.01
Leith ...	29.78f	58	57	E	2	2	NE	6	bm	—
Shields ...	29.80f	61	60	NE	1	2	E	7	bo	—
Scarborough ...	29.78f	65	62	NNE	2	2	SE	6	c	—
Yarmouth ...	29.82f	67	65	SW	3	3	SSE	4	rc	0.16
Ardrossan ...	29.81f	62	59	ENE	2	1	SW	7	rtc	0.78
Greencastle ...	29.81f	61	59	W	1	2	ENE	9	ro	0.06
Holyhead ...	29.85f	57	57	SSW	1	2	SSW	9	ef	—
Liverpool ...	29.84f	65	60	W	2	2	W	3	c	—
Valencia ...	29.85f	62	59	—	2	5	W	9	mo	0.01
Cape Clear ...										
Roche's Point	29.87f	62	58	SE	2	—	—	5	f	—
Pembroke ...	29.88f	60	57	W	1	2	WNW	5	ac	0.25
Penzance ...	29.90f	61	61	ESE	1	3	WNW	9	bof	0.20
Plymouth ...	29.92f	—	—	ESE	1	2	W	9	ro	1.12
Portsmouth ...	29.91f	—	—	W	4	1	W	5	c	0.04
Dover ...	29.87f	60	60	SSW	4	2	S	5	c	0.16
London ...	29.87f	66	62	W	2	0	Z	0	lrc	0.05
Helder ...	29.80	62	—	SW	6	—	—	—	—	—
Cape Gris Nez	29.90f	58	58	SW	5	3	WSW	9	cm	0.07
Brest ...	29.91f	62	60	W	4	4	W	8	o	—
L'Orient ...	29.99f	63	63	WSW	3	5	W	8	co	—
Rochefort ...	30.06f	64	62	E	4	5	W	0	ob	—
Biarritz ...	29.94f	68	64	E	1	4	W	0	ob	—
Corunna ...	29.95	68	—	SW	1	—	—	—	c	—
Brussels ...	29.94	68	—	SW	4	—	—	—	c	—
Paris ...	29.99	66	—	W	2	—	—	—	c	—
Strasbourg ...	—	77	—	Z	0	—	—	—	c	—
Lyons ...	30.02	78	—	—	—	—	—	—	b	—
Toulon ...	30.08f	79	61	Z	0	1	SW	0	b	—
Heart's Content (9 a.m. local time.)	29.87f	61	59	WSW	4	6	SW	6	fc	0.09

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 barometer within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—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.

PRINTED

EIGHT A.M.

WEATHER REPORT. 1870.

Monday

July 11th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	29.78	55	53	NNE	6	6	NNE	—	bc	—
* Skudesnaes ...	29.71	61	58	Z	0	2	WSW	—	o	—
* Oxo (Christiansund)	29.78	59	58	NE	4	4	NE	—	o	—
Thurso ...	29.69 ²	55	54	WNW	6	4	SE	7	mc	0.37
Wick ...	29.67 ²	58	56	NW	2	2	ESE	8	ct	0.04
Nairn ...	29.67 ²	61	60	WNW	1	0	Z	4	mt	0.65
Aberdeen ...	29.68 ²	61	60	Z	0	1	ENE	9	bt	0.13
Leith ...	29.69 ²	65	59	W	4	2	E	5	ob	0.14
Shields ...	29.72 ²	63	61	WNW	2	3	NW	3	b	—
Scarborough ...	29.75 ²	66	63	ESE	1	2	NNE	7	c	0.10
Yarmouth ...	29.78 ²	63	61	NNE	3	3	NNE	3	c	—
Ardrossan ...	29.76 ²	59	56	W	2	3	NW	7	oc	0.03
Greencastle ...	29.75 ²	58	56	SW	1	1	W	4	ro	0.01
Holyhead ...	29.82 ²	60	56	SSW	1	2	SSW	9	cfo	—
Liverpool ...	29.76	62	58	WNW	1	1	W	0	b	—
Valencia ...	29.85 ²	59	57	W	3	2	SSW	6	rc	0.02
Cape Clear ...										
Roche's Point	29.82 ²	60	56	N	1	2	SE	4	ba	—
Pembroke ...	29.76 ²	60	56	NW	1	2	WNW	6	c	—
Penzance ...	29.79 ²	61	57	N	5	3	WSW	1	ob	—
Plymouth ...	29.76 ²	—	—	NNW	2	2	S	3	ob	—
Portsmouth ...	29.72 ²	—	—	ENE	1	3	W	8	co	—
Dover ...	29.74 ²	65	64	NE	1	4	SSW	3	c	0.02
London ...	29.76 ²	67	62	S	1	3	WSW	9	bco	—
Helder ...	29.79	63	—	S	2	—	—	—	—	—
Cape Gris Nez	29.77 ²	60	58	E	1	5	WSW	6	—	—
Brest ...	29.73 ²	59	57	NE	4	4	W	9	o	—
L'Orient ...	29.68 ²	62	58	NNE	5	3	?WSW	9	fo	—
Rochefort ...	29.62 ²	71	66	E	5	5	N	8	co	—
Biarritz ...	29.62 ²	78	67	S	5	4	WNW	8	m	—
Cerunna ...										
Brussels ...	29.77	66	—	ESE	1	—	—	—	o	—
Paris ...	3?	68	—	SSE	3	—	—	—	o	—
Strasbourg ...	—	—	—	SE	1	—	—	—	c	—
Lyons ...	29.76	82	—	S	3	—	—	—	b	—
Toulon ...	29.97 ²	72	68	NE	4	1	—	0	bft	—
Heart's Content (9 a.m. local time.)	29.95 ²	63	58	SW	3	4	WSW	2	cb	—

2 P.M. REPORT.

Skudesnaes ...										
Nairn ...	29.65	61	59	NE	1	—	—	9	o	—
Scarborough ...	29.70	64	62	ESE	2	—	—	2	cb	—
Greencastle ...	29.76	59	57	NNW	2	—	—	6	oc	—
Valencia ..	29.87	62	59	NW	3	—	—	7	e	—
Penzance ...	29.77	65	60	N	5	—	—	1	b	—
London ...	29.69	72	65	Z	0	—	—	9	co	—
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 rainfall, and their "extreme" wind is an observation taken at 8 p.m.

Date.
JULY
9TH

PRINTED

REMARKS.

Mon. day

Yesterday morning the barometer had fallen a little in the north of our Islands and risen slightly over France: to-day the northern diminution has continued, and another decrease has shown itself in the southern districts. Readings, however, are remarkably uniform and slightly below the average.

Temperature continues to change irregularly, but is rather high generally.

The winds are light and very variable; chiefly W^t in the north, and N^t in the south.

A large amount of rain was reported from Olympe yesterday, but very little has fallen elsewhere except at Naion. The sky however continues cloudy, but the sea calm.

2 P.M. There is hardly any change reported.

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.
JULY 9 TH	Thurso	29.96r	56	54	SE	1	2	NNE	5	fc	—	0
—	Wick	29.96r	55	54	E	2	2	E	8	cf	—	2
—	Islelder	29.94	64	—	ESE	3	—	—	—	—	—	2
—	Rochefort	29.96r	67	67	SW	4	4	WNW	9	co	—	3
—	Corunna	30.00	64	—	NE	3	—	—	—	c	—	2
—	Brunels	29.89	72	—	S	1	—	—	—	b	—	—
—	Paris	29.92	66	—	S	1	—	—	—	a	—	—
—	Strasbourg	—	76	—	SW	1	—	—	—	a	—	—
—	Lyons	30.00	74	—	S	3	—	—	—	a	—	—
—	Toulon	30.12r	76	71	NNE	1	1	WSW	0	b	—	0
—	Hearts Content	29.99r	63	63	SW	3	3	SW	8	bf	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Tues-day

July 12th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.			
* Christiansund	29.42	55	54	SW	2	2	NW	—	o	—
* Skudesnaes ...	29.57	55	54	SW	2	2	SSE	—	o	—
* Oxo (Christiansund)	29.57	57	57	SW	2	2	SSW	—	of	—
Thurso ...	29.66f	54	57	NW	5	5	WNW	5	fc	—
Wick ...	29.65f	56	55	NW	4	3	NW	8	oo	0.08
Nairn ...	29.70r	56	53	WNW	2	1	NE	8	o	0.05
Aberdeen ...	29.69r	55	57	NNW	1	0	Z	6	bc	1.88
Leith ...	29.69r	53	53	SE	2	3	W	9	brn	—
Shields ...	29.68s	61	60	NNE	3	2	E	6	c	—
Scarborough ...	29.68f	62	58	NNE	3	2	ESE	8	co	—
Yarmouth ...	29.67f	62	62	NW	2	3	NNE	6	n	0.31
Ardrossan ...	29.71f	56	52	NNW	4	5	NNW	3	c	—
Greencastle ...	29.76f	58	54	NE	1	2	NNW	4	oc	—
Holyhead ...	29.77r	57	53	W	2	3	WSW	5	br	—
Liverpool ...	29.72f	59	54	W	2	1	W	6	bc	—
Valencia ...	29.73f	58	57	S	3	3	NW	8	ro	0.08
Cape Clear ...										
Roche's Point	29.76f	60	56	Z	0	4	NNW	9	bo	—
Pembroke ...	29.75s	59	56	NNE	1	4	N	6	c	—
Penzance ...	29.82r	61	59	NW	3	5	N	8	bo	—
Plymouth ...	29.79r	—	—	NW	2	4	NNW	5	c	—
Portsmouth ...	29.71r	—	—	N	1	1	ENE	5	oc	0.11
Dover ...	29.65r	62	62	WSW	1	1	NE	5	cp	0.16
London ...	29.70r	61	57	WNW	2	0	Z	9	tlc	0.28
Helder ...	29.61	61	—	N	6	—	—	—	—	—
Cape Gris Nez	29.69r	60	58	W	1	4	E	9	ro	—
Brest ...										
L'Orient ...	29.87r	59	57	NNW	4	5	ENE	5	re	0.16
Rochefort ...	29.86r	62	61	N	5	7	W	6	c	—
Biarritz ...	29.94r	64	62	Walt	7	8	?WSW	9	z	0.59
Corunna ...	30.09	68	—	NW	3	—	—	—	b	—
Brussels ...	29.62	64	—	W	3	—	—	—	o2	—
Paris ...	29.71	62	—	W	1	—	—	—	o	—
Strasbourg ...	—	79	—	SW	3	—	—	—	c	—
Lyons ...	29.78	76	—	S	3	—	—	—	z	—
Toulon ...	29.76f	70	70	SSE	14	5	ESE	8	br	—
Heart's Content (9 a.m. local time.)	30.00r	60	55	SSW	1	5	WSW	2	fb	0.01

2 P.M. REPORT.

Skudesnaes ...										
Nairn ...	29.71	60	55	WNW	1	—	—	5	oc	—
Scarborough ...	29.71	59	57	N	3	—	—	9	ef	—
Greencastle ...	29.76	58	54	E	1	—	—	5	c	—
Valencia ..	29.74	64	62	SW	3	—	—	8	mo	—
Penzance ...	29.83	67	62	SW	3	—	—	6	c	—
London ...	29.73	74	64	NW	1	—	—	9	teo	—
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 barometer within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0.—dead calm; 9.—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.

Date.
JULY
11th

PRINTED

REMARKS.

Tues-day

Barometrical pressure over the British Islands has changed but little and irregularly since yesterday morning, but to the eastward a decrease has taken place. Readings therefore continue very uniform on our coasts, the greatest difference being 0.16 in. (Penzance to Thurro).

Temperature has fallen somewhat at nearly all stations. The winds are light and variable, chiefly from between N and W; but on 5th breeze is reported at Valencia, with a falling barometer.

Thunderstorms have occurred at Aberdeen and in London, that at the former place having been very heavy. The sky is still cloudy generally; and the sea calm.

Only one of our French reports has arrived — 11.30 a.m.

2 P.M. There is no important change.

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.
JULY 11 th	Rocheport	29.62f	71	66	E	5	5	N	8	ca	—	3
	Brussels	29.77	66	—	ESE	1	—	—	—	o	—	—
	Paris	9	68	—	SSE	3	—	—	—	o	—	—
	Strasbourg	—	—	—	SE	1	—	—	—	c	—	—
	Lyon	29.76	82	—	S	3	—	—	—	b	—	—
	Hearts Content	29.95r	63	58	SW	3	4	WSW	2	cb	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July 13th

Wednesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Dir. (0)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.61	54.8	54.6	NW	4	6	WSW	—	c	—	3
* Skudesnaes ...	29.66	53	51	WNW	6	4	W	—	o	—	2
* Oxo (Christiansand)	29.58	53	53	W	6	6	W	—	b	—	4
Thurso ...	29.69f	58	54	SSE	2	5	NW	4	cc	—	1
Wick ...	29.69f	57	53	ESE	3	3	NE	5	co	—	2
Nairn ...	29.67f	57	53	WNW	1	1	WNW	3	c	—	1
Aberdeen ...	29.70f	59	56	SSE	1	1	NNW	8	co	—	1
Leith ...	29.71r	60	56	NW	2	2	E	6	c	—	1
Shields ...	29.77r	59	57	WNW	1	3	NE	6	c	—	1
Scarborough ...	29.77r	59	58	E	1	3	N	9	o	—	2
Yarmouth ...	29.80r	61	60	ESE	2	3	NNE	4	rc	0.47	2
Ardrossan ...	29.75r	59	56	WSW	1	1	S	8	co	0.01	1
Greencastle ...	29.74s	59	57	NW	3	1	E	9	ro	0.05	1
Holyhead ...	29.78f	57	56	SSW	2	3	WSW	9	co	—	1
Liverpool ...	29.78r	61	56	S	2	2	SW	3	c	—	1
Valencia ...	29.93r	57	55	NNW	4	4	NW	8	p	0.01	3
Cape Clear ...											
Roche's Point	29.91r	58	58	NNW	5	5	NNW	9	mto	0.02	3
Pembroke ...	29.80r	58	57	WNW	1	1	SSE	8	cf	—	2
Penzance ...	29.88r	61	60	W	4	3	SW	8	mto	0.06	2
Plymouth ...	29.83r	—	—	WSW	3	3	W	9	cp	—	3
Portsmouth ...	29.82r	—	—	WSW	1	3	W	9	co	—	1
Dover ...	29.79r	65	63	SW	2	1	SW	0	b	—	1
London ...	29.82r	63	59	W	1	0	Z	8	bo	—	1
Helder ...	29.80	61	—	SW	2	—	—	—	—	—	2
Cape Gris Nez	29.85r	57	57	WSW	3	4	W	9	f	—	2
Brest ...											
L'Orient ...	29.93r	59	59	WNW	5	5	NW	8	co	0.04	3
Rochefort ...	29.95f	64	62	W	3	5	NW	5	cc	—	3
Biarritz ...	30.06f	68	63	W	7	7	W	9	r	0.16	4
Corunna ...	30.13	68	—	SW	3	—	—	—	ob	—	1
Brussels ...	29.83	62	—	WSW	3	—	—	—	ro	—	1
Paris ...	29.90	63	—	S	1	—	—	—	o	—	1
Strasbourg ...	—	69	—	SW	3	—	—	—	o	—	1
Lyons ...	29.99	72	—	N	1	—	—	—	c	—	1
Toulon ...	29.88f	66	59	WNW	1	4	SSE	3	bc	—	5
Heart's Content (9 a.m. local time.)	30.14r	57	49	NNE	1	1	SSW	1	b	—	2

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...	29.68	63	60	WNW	1	—	—	7	co	—	1
Scarborough ...	29.79	64	61	ESE	2	—	—	2	cb	—	1
Greencastle ...											
Valencia ..	30.01	61	58	NNW	3	—	—	7	c	—	3
Penzance ...	29.98	64	59	NNW	4	—	—	8	o	—	3
London ...	29.86	70	65	SW	2	—	—	9	ro	—	1
Rochefort ...											

EXPLANATION OF THE COLUMNS.

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

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

REMARKS.

Wednesday

The barometer has risen somewhat at the southern and south-western stations since yesterday, and also recovered a little from the fall then noticed in Norway. Readings are however still uniform, that at Rochefort exceeding that at Naïon by only 0.28 in.

Temperature is hardly changed.

The winds are still light generally, and though E^h on our east coast are in other parts from NW and W. Some rain has fallen locally, and the sky is very cloudy. The sea is calm.

2 P.M. The barometer is rising generally, principally in the southwest. Winds are unchanged.

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.
JULY												
12 TH	Cape Gris nez	29.64r	60	58	W	1	4	E	9	rc	—	1
—	L'orient	29.57r	59	57	NNW	4	5	ENE	5	rc	0.16	2
—	Biarritz	29.44r	64	62	W	7	8	WSW	9	r	0.69	5
—	Cornwall	30.09	68	—	NW	3	—	—	—	b	—	2
—	Brussels	29.62	64	—	W	3	—	—	—	or	—	—
—	Paris	29.71	62	—	W	1	—	—	—	a	—	—
—	Strasbourg	—	79	—	SW	3	—	—	—	c	—	—
—	Lyons	29.78	76	—	S	3	—	—	—	h	—	—
—	Toulon	29.76f	70	70	SSE	14	5	ESE	8	bt	—	6
—	Heart's Content	30.06r	60	55	SSW	1	5	WSW	2	fb	0.01	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Thursday

July 14th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Dist. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.75	50	48	NW	2	4	SW	—	co	—	2
* Skudesnaes ...	29.74	55	54	SSE	4	0	Z	—	co	—	3
* Oxo (Christiansand)	29.77	56	54	SW	6	8	W	—	bc	—	3
Thurso ...	29.86r	54	50	Z	0	6	NW	5	co	—	0
Wick ...	29.88r	55	53	ENE	3	4	SSW	8	co	—	2
Nairn ...	29.86r	55	52	NE	1	2	WNW	8	o	—	1
Aberdeen ...	29.91r	56	53	SSE	1	1	NW	8	co	0.03	1
Leith ...	29.90r	61	56	W	4	4	W	7	c	—	—
Shields ...	29.95r	61	59	NW	1	2	W	2	cb	—	1
Scarborough ...	29.98r	64	59	WNW	2	2	ESE	5	bc	—	2
Yarmouth ...	30.02r	63	61	NNW	2	3	ESE	3	c	—	3
Ardrossan ...	29.94r	59	56	S	3	3	NNW	7	bc	0.02	2
Greencastle ...	29.87f	60	57	SW	3	4	NW	8	o	—	—
Holyhead ...	30.00r	60	57	WSW	2	2	SSW	5	c	—	—
Liverpool ...	30.00r	62	56	S	1	1	S	0	cb	—	1
Valencia ...	29.95f	60	58	SSW	5	4	NNW	7	oc	—	3
Cape Clear ...											
Roche's Point	29.980	59	57	SSW	3	5	NNW	9	bo	—	3
Pembroke ...	30.03r	59	57	SW	2	3	WNW	6	oc	—	2
Penzance ...	30.11r	62	59	WSW	2	4	NW	6	c	—	1
Plymouth ...	30.10r	—	—	NW	2	4	NNW	5	oc	—	3
Portsmouth ...	30.04r	—	—	Z	0	1	SW	2	cb	0.02	0
Dover ...	30.03r	69	64	NE	1	3	SW	2	fb	—	1
London ...	30.04r	64	60	W	1	3	SSW	5	pbc	0.03	—
Helder ...	29.98	63	—	WSW	2	—	—	—	—	—	2
Cape Gris Nez	30.04r	60	58	SW	1	4	SW	8	of	—	1
Brest ...	30.05r	61	59	NW	1	4	NNW	9	o	—	4
L'Orient ...	30.142	60	56	NW	1	5	WNW	9	cm	—	1
Rochefort ...	30.11r	65	63	N	4	5	SSW	6	c	—	3
Biarritz ...	30.12f	64	62	S	3	7	W	8	2	0.08	5
Corunna ...	30.06	68	—	NW	3	—	—	—	c	—	2
Brussels ...	30.03	62	—	WSW	3	—	—	—	o	—	—
Paris ...	30.08	63	—	WNW	23	—	—	—	o	—	—
Strasbourg ...	—	72	—	W	1	—	—	—	o	—	—
Lyons ...	30.05	73	—	NW	3	—	—	—	c	—	—
Toulon ...	29.86f	66	59	WNW	7	8	ENE	1	cb	—	6
Heart's Content (9 a.m. local time.)	29.89f	63	62	SW	1	1	SW	8	bf	0.06	2

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...	29.87	57	56	NE	1	—	—	9	o	—	1
Scarborough ...	30.01	64	60	SSE	3	—	—	4	e	—	2
Greencastle ...	29.87	64	60	SSW	2	—	—	7	oc	—	4
Valencia ..	29.92	68	60	SSW	6	—	—	8	co	—	1
Penzance ...	30.11	69	62	SW	22	—	—	5	c	—	—
London ...	30.06	75	64	SW	2	—	—	7	c	—	—
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 rainfall, and their "extreme" wind is an observation taken at 8 p.m.

REMARKS.

Thurs-day

The barometer has risen at all stations since yesterday, mostly in England; but the reading at Penzance is only 0.25 in. higher than those at Vaison and Thiers.

Temperature has also increased slightly except in the north of Scotland, where it has fallen a little.

The winds are light and variable in S. Britain, and SW. in Ireland and the Irish Channel.

The sky has cleared a little over the eastern part of the country.

The sea is calm.

2 P. M. No important change.

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.
JULY												
13 TH	Corunna	30.13	68	—	SW	3	—	—	—	ob	—	—
—	Brussels	29.83	62	—	WSW	3	—	—	—	ro	—	—
—	Paris	29.90	63	—	S	1	—	—	—	o	—	—
—	Strasbourg	—	64	—	SW	3	—	—	—	o	—	—
—	Lyon	29.44	72	—	N	1	—	—	—	c	—	—
—	Heute's Content	30.14	57	44	NNE	1	1	SSW	1	b	—	—

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Fri-day

July 15th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Dis. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.00	60	53	ESE	4	4	NNW	—	b	—	3
* Skudesnaes	30.06	56	55	SE	4	2	WNW	—	b	—	2
* Oxo (Christiansund)	30.06	55	51	SW	4	6	WSW	—	b	—	3
Thurso	29.75f	62	58	S	5	5	SSE	6	cc	0.16	1
Wick	29.78f	59	57	SSE	3	4	ESE	7	rc	0.17	2
Nairn	29.76f	63	59	S	4	1	NE	7	co	0.03	2
Aberdeen	29.89f	60	57	S	2	2	SSE	8	co	—	1
Leith	29.89f	65	59	SW	4	4	SW	6	c	—	1
Shields	29.95f	65	63	SW	2	3	WSW	7	bo	—	1
Scarborough	29.98f	63	63	S	3	3	SSE	6	c	—	2
Yarmouth	30.08f	66	64	SSE	3	3	SSE	0	cb	—	2
Ardrossan	29.87f	60	57	S	5	5	S	7	c	—	4
Greencastle	29.78f	59	58	S	2	5	SSW	9	r	0.03	—
Holyhead	29.92f	60	57	SSW	4	3	SSW	9	o	—	—
Liverpool	29.95s	63	59	S	1	1	S	3	c	0.01	1
Valencia	29.82f	60	58	SW	2	6	SSW	8	ro	0.46	3
Cape Clear											
Roche's Point	29.81f	58	58	SSW	5	6	SSW	9	or	0.12	4
Pembroke	29.92f	58	56	SE	4	3	S	9	o	—	3
Penzance	29.96f	63	60	SW	2	2	SW	4	c	—	1
Plymouth	29.97f	—	—	SE	4	3	S	7	co	—	4
Portsmouth	29.99f	—	—	SSE	1	1	SE	5	c	—	1
Dover	30.03f	69	65	E	1	1	W	0	b	—	0
London	30.03f	67	62	S	1	0	Z	1	cb	—	2
Helder	30.12	66	—	ESE	2	—	—	—	—	—	2
Cape Gris Nez	30.06f	69	67	S	1	0	Z	0	bf	—	1
Brest	29.94f	58	56	E	3	4	SW	3	cf	—	3
L'Orient	29.97f	61	59	E	3	1	W	0	cb	—	1
Rochefort	29.97f	66	61	?	4	4	N	0	cb	—	3
Biarritz	29.88f	68	64	SE	5	5	N	0	b	—	3
Corunna											
Brussels											
Paris											
Strasbourg											
Lyons											
Toulon	30.042	74	67	NE	3	8	WSW	0	b	—	4
Heart's Content (9 a.m. local time.)	29.73f	58	56	WSW	5	5	SE	8	of	—	5

2 P.M. REPORT.

Skudesnaes											
Nairn	29.78	64	59	S	4	—	—	7	o	—	2
Scarborough	29.92	75	70	SSE	3	—	—	7	c	—	3
Greencastle	29.78	62	60	W	1	—	—	9	r	—	3
Valencia	29.82	63	60	WSW	3	—	—	6	cc	—	—
Penzance						—	—			—	—
London	29.93	80	66	S	2	—	—	6	bc	—	—
Rochefort						—	—			—	—

EXPLANATION OF THE COLUMNS.

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

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

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

REMARKS.

Fri-day

During yesterday a slight decrease of pressure took place at our western stations, which has now extended to our other coasts; while in Norway the barometer has risen from 2 to 3 tenths of an inch. The highest readings are in the south-east, that at Yarmouth exceeding that at Thurso by 0.33 in. Temperature has risen on our north and east coasts, and is high in S^t Britain.

The winds are S^t at the western and northern stations, and SE^t in the south; while an E^t breeze is reported from the north-west of France. In force they are moderate or light everywhere.

Some rain has fallen in Ireland and Scotland, but the sky is now clearer than of late — especially in the south. The sea is calm in most places.

2 P.M. The fall of the barometer has ceased in the W and N but continues slowly in the E. There is no other important change.

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.
JULY												
14 th	2 ^d Orient	30.167	60	56	NW	1	5	WNW	9	c m	—	1
—	Biarritz	30.127	64	62	S	3	7	W	8	r	0.08	5
—	Corunna	30.06	68	—	NW	3	—	—	—	c	—	2
—	Brussels	30.03	62	—	WSW	3	—	—	—	c	—	—
—	Paris	30.08	63	—	WNW	2	—	—	—	c	—	—
—	Strasbourg	—	72	—	W	1	—	—	—	c	—	—
—	Lyon	30.05	73	—	NW	3	—	—	—	c	—	—
—	Heart's Content	29.897	63	62	SW	1	1	SW	8	b f o	0.06	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Saturday

July 16th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Dist. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.84	59	55	Z	0	0	Z	—	o	—	2
* Skudesnaes ...	29.92	59	56	ESE	6	6	S	—	b	—	3
* Oxo (Christiansand)	30.00	60	57	NE	4	2	SW	—	c	—	2
Thurso ...	29.70 ^f	53	52	WNW	4	5	SW	7	oc	0.15	0
Wick ...	29.78 ^f	59	57	SSE	3	4	ESE	7	re	0.17	2
Nairn ...	29.71 ^f	59	57	NW	1	4	S	3	ob	0.08	1
Aberdeen ...	29.71 ^f	58	56	NNW	1	3	S	4	bc	0.40	1
Leith ...	29.72 ^f	61	58	NW	3	5	SW	6	c	0.07	—
Shields ...	29.76 ^f	62	60	SW	2	3	S	8	co	—	1
Scarborough ...	29.79 ^f	66	61	SW	3	3	SSE	6	c	—	2
Yarmouth ...	29.84 ^f	59	59	W	3	3	SE	7	t	0.38	3
Ardrossan ...	29.77 ^f	57	55	SW	2	3	SE	8	o	0.17	1
Greencastle ...	29.76 ^f	58	57	WSW	2	2	S	9	ro	0.28	—
Holyhead ...	29.82 ^f	57	56	SSW	1	4	SSW	7	o	0.15	—
Liverpool ...											
Valencia ...	29.95 ^r	59	56	NW	5	3	WSW	6	p	0.03	3
Cape Clear ...											
Roche's Point	29.89 ^r	59	55	NW	4	6	SSW	8	ro	0.24	4
Pembroke ...	29.87 ^r	57	55	W	3	3	S	3	oc	0.07	1
Penzance ...	29.98 ^r	61	58	NW	4	3	S	2	cb	0.01	2
Plymouth ...	29.94 ^r	—	—	WSW	3	3	SSW	5	c	—	2
Portsmouth ...	29.87 ^f	—	—	WNW	2	1	S	4	c	—	1
Dover ...	29.82 ^f	65	62	WNW	3	1	E	3	bc	0.01	1
London ...	29.87 ^f	65	61	W	2	0	Z	1	ltb	0.04	—
Helder ...	29.82	71	—	SE	2	—	—	—	—	—	2
Cape Gris Nez	29.86 ^f	63	63	NNW	1	1	ENE	7	fo	—	1
Brest ...	29.96 ^r	59	57	WNW	3	4	WNW	7	co	—	3
L'Orient ...	30.04 ^r	60	58	NW	4	5	NW	3	c	—	2
Rochefort ...	30.04 ^r	64	62	? N	7	1	?	4	bc	—	3
Biarritz ...	30.10 ^r	68	64	SW	3	8	WSW	9	co	0.04	5
Corunna ...											
Brussels ...											
Paris ...											
Strasbourg ...											
Lyons ...											
Toulon ...	30.00 ^f	73	68	SW	1	3	SSW	4	c	—	1
Heart's Content (9 a.m. local time.)	29.87 ^r	55	55	NE	1	5	WSW	9	ltb	0.11	2

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...	29.80	68	63	SE	2			5	c		2
Greencastle ...											
Valencia ...	30.03	61	57	NW	5			4	c		4
Penzance ...											
London ...	29.88	75	64	WSW	2			8	bc		1
Rochefort ...											

EXPLANATION OF THE COLUMNS.

BAROMETER: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. Z.—squally; 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—extreme high sea.

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

REMARKS.

Satur. day

Since yesterday the barometer has continued to fall at our eastern and the Dutch stations, the change amounting to 0.3 in. at Helder; while in the south-west of our Islands and the Bay of Biscay a slight rise is reported, which appears to be extending to our other coasts. Readings are thus again rather uniform, the greatest difference reported being 0.34 in. (L'orient to Thuroso).

Temperature has decreased again throughout Great Britain.

The winds yet continue light. In direction they are NW^t on all the western coasts, W^t in the Channel, and SW^t in the east of England; while a SE^{ly} breeze is reported from the Helder.

Thunderstorms have occurred in London and at Aberdeen during the past night, and the weather has been showery in the western parts of the kingdom generally. The sky continues moderately clear in the south of England and cloudy elsewhere. The sea is calm.

2 P.M. The barometer has risen in most places, and the rise has now extended to London.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

Date.	Station.	Bar.	Temp.		Wind.		Extreme.		Cloud.	Weather.	Rain.	Sea.
JULY												
15 th	Holyhead	29.92f	60	57	SSW	4	3	SSW	9	o	—	—
—	Rocheport	29.97f	66	61	?	4	4	N	0	cb	—	3
—	Corunna	29.91	69	—	NW	—	—	—	—	o	—	2
—	Brussels	30.09	63	—	NE	3	—	—	—	b	—	—
—	Paris	30.04	69	—	ESE	1	—	—	—	b	—	—
—	Strasbourg	—	66	—	N	6	—	—	—	b	—	—
—	Lyons	29.98	73	—	NE	3	—	—	—	b	—	—
—	Toulon	30.04f	74	67	NE	3	8	WSW	0	b	—	4
—	Heart's Content	29.73f	58	56	WSW	5	5	SE	8	of	—	5

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Seven-day

July 17th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Dist. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.77	59	57	SW	4	6	NNE	—	bc	—	2
* Skudesnaes ...	29.82	54	52	WNW	4	4	SW	—	o	—	3
* Oxo (Christiansand)	29.77	59	58	N	2	4	ESE	—	ro	—	2
Thurso ...	29.89r	58	55	Z	0	5	NW	5	c	0.02	0
Wick ...	29.90r	57	56	SSE	3	3	NW	7	oc	0.03	2
Nairn ...	29.90r	58	55	SW	1	1	NW	4	bc	0.41	1
Aberdeen ...	29.93r	58	56	SSE	1	1	NNW	4	rc	0.66	1
Leith ...	29.90r	64	57	W	4	3	NW	2	trb	0.47	—
Shields ...	29.96r	60	58	W	3	3	WNW	3	b	0.21	1
Scarborough ...	29.98r	62	57	NNW	2	2	W	7	c	—	2
Yarmouth ...	30.02r	66	63	WNW	3	3	SSW	4	tc	0.31	3
Ardrossan ...	29.98r	58	54	SSW	1	2	SSE	7	c	—	1
Greencastle ...	29.97r	58	55	SW	2	3	NW	9	ro	0.02	—
Holyhead ...	30.06r	67	55	WSW	2	3	WSW	9	co	—	—
Liverpool ...	30.02r	61	57	W	2	1	SW	6	c	0.11	1
Valencia ...	30.03f	60	59	S	2	6	NW	9	om	0.05	3
Cape Clear ...											
Roche's Point	30.09r	58	56	SW	3	6	NNW	9	om	—	3
Pembroke ...	30.09r	58	55	WNW	3	4	W	9	co	—	2
Penzance ...	30.19r	62	57	W	3	3	WNW	9	bmz	—	2
Plymouth ...	30.14r	—	—	WNW	3	4	NW	7	c	—	2
Portsmouth ...	30.09r	—	—	W	3	4	W	5	c	—	3
Dover ...	30.03r	69	64	SW	2	3	SW	2	b	—	2
London ...	30.06r	63	59	W	1	2	W	4	bc	—	—
Helder ...											
Cape Gris Nez	30.09r	59	57	W	3	5	W	1	cb	—	2
Brest ...	30.17r	60	56	WNW	3	4	NW	5	o	—	2
L'Orient ...	30.17f	61	61	W	5	5	W	6	or	0.08	3
Rochefort ...	—	62	—	N	5	5	NW	3	cm	—	—
Biarritz ...	30.24r	66	62	?N	4	5	W	5	rc	0.20	5
Corunna ...	30.29	68	—	NW	3	—	—	—	c	—	2
Brussels ...	30.02	62	—	W	3	—	—	—	o	—	—
Paris ...											
Strasbourg ...	—	69	—	NW	6	—	—	—	c	—	—
Lyons ...	30.16	72	—	NW	3	—	—	—	b	—	—
Toulon ...											
Heart's Content (9 a.m. local time.)	29.96r	55	52	SSE	1	1	S	8	fo	—	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. **WEATHER:** b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squalls; r.—rain; s.—snow; t.—thunder. **RAIN-FALL:** (snow or hail melted), during last 24 hours. **SEA DISTURBANCE:** 0—dead calm; 9—extreme 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.

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EIGHT A.M.

WEATHER REPORT. 1870.

Monday

July 18th

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	57	49	W	4	6	WSW	—	no	—	2
* Skudesnaes ...	29.99	55	50	NW	4	6	WNW	—	rb	—	2
XO (Christiansand)	29.86	57	57	W	8	6	SW	—	b	—	5
Thurso ...	29.92f	58	56	S	2	1	NE	7	oe	—	1
Wick ...	29.92f	56	55	S	2	3	S	8	o	—	2
Nairn ...	29.93s	62	59	Z	0	1	SW	7	co	—	0
Aberdeen ...	29.96r	62	60	S	1	2	S	5	c	0.01	1
Leith ...	29.96f	62	59	NNW	2	4	W	6	bc	—	—
Shields ...	30.01r	65	63	W	2	3	W	8	bo	—	1
Scarborough ...	30.06r	65	61	WSW	1	2	NNW	5	c	—	1
Yarmouth ...	30.10r	63	61	SSE	2	3	SSE	4	c	—	2
Ardrossan ...	30.01r	60	58	SSW	1	4	S	8	co	0.06	1
Greencastle ...	29.96r	61	60	SW	1	2	SW	9	r	0.06	—
Holyhead ...	30.01f	61	59	SSW	3	3	SSW	9	o	—	—
Liverpool ...	30.03	64	60	W	2	2	W	4	c	—	1
Valencia ...	30.07f	61	60	W	2	3	WNW	9	rf	0.38	3
Cape Clear ...											
Roche's Point	30.01r	61	60	W	1	3	SSW	9	ro	0.39	3
Pembroke ...	30.00f	58	57	Z	0	2	S	9	of	0.04	2
Penzance ...	30.08f	63	63	WNW	2	3	W	9	r	0.83	1
Plymouth ...	30.05f	—	—	W	2	4	W	9	ro	0.38	3
Portsmouth ...	30.08f	—	—	SSE	2	4	W	8	o	—	1
Dover ...	30.09r	66	64	SW	1	2	SW	2	c	—	1
London ...	30.10r	64	60	WSW	2	2	W	9	bo	—	—
Helder ...	30.10	63	—	W	2	—	—	—	—	—	2
Cape Gris Nez	30.11r	59	57	WSW	1	4	WSW	4	bc	—	1
Brest ...	30.08f	59	59	W	4	3	WSW	9	m	0.12	4
L'Orient ...											
Rochefort ...	30.23f	64	60	N	4	5	NW	9	co	—	3
Biarritz ...											
Corunna ...											
Brussels ...											
Paris ...											
Strasbourg ...											
Lyon ...											
Toulon ...	29.922	69	56	WNW	4	8	WNW	4	c	0.16	4
Heart's Content (9 a.m. local time.)	29.78f	54	52	ENE	1	1	S	8	cf	—	2

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...	30.06	63	60	SE	1	—	—	9	co	—	2
Greencastle ...											
Valencia ..	30.14	62	60	NW	3	—	—	9	mo	—	2
Penzance ...	30.17	67	65	NW	3	—	—	9	o	—	1
London ...	30.11	70	63	SW	2	—	—	9	o	—	—
Rochefort ...											

EXPLANATION OF THE COLUMNS.

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

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

REMARKS.

Monday

On Sunday morning the barometer had risen about 0.2 in. since Saturday, and to-day a slight fall having occurred about the entrance of the English ~~of the English~~ and Irish Channels pressure has again become unusually uniform.

Temperature has not changed much, and is highest in the south-east of England.

The winds have continued light and variable in the British Isles since Saturday, but are principally from between S and W.

Thunderstorms have occurred at Leith and Yarmouth, and a considerable fall of rain on our south-west coasts also.

The weather continues cloudy, with fog and rain in the W.

The sea is calm.

2 P.M. No important change is reported, but very few telegrams have arrived (4 p.m.).

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.
JULY												
16 TH	Wick	29.78	59	57	SSE	3	4	ESE	7	re	0.17	2
"	Rockport	30.04	64	62	?N	7	1	?	4	le	—	3
"	Biarritz	30.10	68	64	SW	3	8	WSW	9	co	0.04	5
"	Corunna	30.06	64	—	SW	?	—	—	—	oc	—	2
"	Brussels	29.80	73	—	SSW	3	—	—	—	c	—	—
"	Paris	29.84	68	—	WNW	2	—	—	—	c	—	—
"	Strasbourg	—	72	—	SW	3	—	—	—	b	—	—
"	Lyons	29.94	74	—	—	3	—	—	—	c	—	—
"	Heart's Content	29.87	55	55	NE	1	5	WSW	9	b-l-r	0.11	2

N.B. No observations were taken at Liverpool on Saturday.

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July 19th

Tues-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	S Dis (0 to 1)
		Dry	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	29.92	59	55	ESE	4	0	Z	—	cb	—	2
* Skudesnaes ...	30.00	56	55	SE	6	0	Z	—	co	—	3
* Oxo (Christiansand)	30.02	57	54	WSW	4	8	WSW	—	bc	—	3
Thurso ...	29.98r	56	54	WNW	4	3	S	6	oc	0.02	2
Wick ...	30.02r	58	55	NW	4	2	S	8	co	—	2
Nairn ...	30.01r	61	59	WNW	1	1	SW	7	c	—	1
Aberdeen ...	30.02r	65	63	NNW	2	1	S	7	c	—	1
Leith ...	30.06r	65	58	W	5	3	SW	6	c	—	—
Shields ...	30.06r	66	65	W	3	3	SW	3	ob	—	1
Scarborough ...	30.08r	68	64	WSW	3	1	SW	8	co	—	2
Yarmouth ...	30.19r	68	65	SSW	2	3	SSE	3	c	—	2
Ardrossan ...	30.14r	59	57	NW	4	1	S	4	c	0.02	3
Greencastle ...	30.17r	58	56	NW	2	1	SW	9	ro	0.02	—
Holyhead ...	30.18r	61	60	WSW	1	3	SSW	9	c	—	—
Liverpool ...	30.15r	66	63	WNW	3	2	W	8	co	—	1
Valencia ...	30.25r	62	61	WNW	2	3	SE	9	f	0.03	2
Cape Clear ...											
Roche's Point	30.20r	63	60	WSW	2	2	WSW	9	co	—	1
Pembroke ...	30.21r	59	58	WNW	2	2	W	9	of	—	1
Penzance ...	30.30r	64	62	NNW	3	3	NW	6	oc	—	2
Plymouth ...	30.27r	—	—	SW	1	3	WNW	7	c	—	1
Portsmouth ...	30.21r	—	—	Z	0	2	SSW	9	c	0.01	0
Dover ...	30.20r	70	66	NNE	1	1	SW	2	b	—	0
London ...	30.21r	67	64	W	1	2	SW	7	oc	—	—
Helder ...	30.20	60	—	WSW	2	—	—	—	—	—	2
Cape Gris Nez	30.20r	62	60	Z	0	3	WSW	9	c	—	1
Brest ...	?	59	59	NNW	3	4	W	9	cu	—	3
L'Orient ...	30.28r	59	59	NNE	3	5	W	9	f	0.04	2
Rochefort ...	30.22r	65	65	N	3	4	W	9	ot	—	3
Biarritz ...	30.24f	68	66	SSW	4	5	NNW	6	cu	—	3
Corunna ...											
Brussels ...	30.20	65	—	NNE	1	—	—	—	—	—	—
Paris ...	—	69	—	WNW	1	—	—	—	c	—	—
Strasbourg ...	—	65	—	NE	3	—	—	—	c	—	—
Lyons ...	30.08	70	—	N	3	—	—	—	b	—	—
Toulon ...	30.02r	73	59	SW	1	4	WNW	6	bc	—	2
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...	30.14	72	66	WNW	1	—	—	5	c	—	2
Greencastle ...											
Valencia ...	30.31	64	62	N	3	—	—	4	fc	—	2
Penzance ...											
London ...	30.21	78	68	W	2	—	—	7	bc	—	—
Rochefort ...											

EXPLANATION OF THE COLUMNS.

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

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

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

REMARKS.

Tues. day

The barometer has risen steadily on all our coasts since yesterday, especially in the west, where pressure is now rather high.

The reading at Penzance exceeds that at Shrewsbury by 0.32 in.:-

Temperature has fallen slightly in the north-west, and risen elsewhere. It is very high in the eastern districts of England.

The winds continue light from the Wnd, being nearly calm in the Channel.

The sky is very cloudy except on the east coast, but very little rain has fallen anywhere. The sea is calm.

2 P. M. No important change.

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.
JULY												
18 th	Biarritz	30.26f	?	9	—	—	—	—	6	c	—	3
—	Corunna	30.29	67	—	NE	9	—	—	—	b	—	4
—	Brussels	30.17	64	—	SW	1	—	—	—	c	—	—
—	Paris	29.91	60	—	NW	1	—	—	—	c	—	—
—	Strasbourg	—	66	—	NE	3	—	—	—	b	—	—
—	Lyon	30.10	70	—	NE	3	—	—	—	c	—	—
—	Toulon	29.92f	69	56	WNW	4	8	WNW	4	c	0.16	4
—	Hearts Content	29.78f	54	52	ENE	1	1	3	8	c f	—	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Wednesday

July 20th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	S Dis (0 to 1)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.95	54	50	SW	6	6	SW	—	oc	—	3
*Skudesnaes ...	30.12	57	53	WNW	4	6	NW	—	ob	—	3
*Oxo (Christiansund)	30.00	57	51	W	6	4	SW	—	ob	—	3
Thurso ...	30.117	58	53	W	3	5	NW	4	c	—	1
Wick ...	30.117	58	53	SW	4	3	W	8	o	—	2
Nairn ...	30.137	58	55	WSW	1	1	WNW	6	c	—	1
Aberdeen ...	30.170	59	55	Z	0	1	E	8	co	—	1
Leith ...	30.217	58	55	W	3	5	W	8	bo	—	—
Shields ...	30.267	62	59	W	2	3	N	2	b	—	2
Scarborough ...	30.267	66	60	W	1	2	W	3	c	—	1
Yarmouth ...	30.287	66	63	NW	2	3	S	0	cb	—	2
Ardrossan ...	30.247	58	56	SSW	2	3	NNW	7	c	—	1
Greencastle ...	30.197	61	58	SSW	2	2	SSW	7	o	—	—
Holyhead ...	30.293	59	58	SSW	1	1	NNW	9	cf	—	—
Liverpool ...	30.287	64	60	W	1	2	W	4	c	—	1
Valencia ...	30.337	61	60	S	3	3	NNW	7	of	—	2
Cape Clear ...											
Roch's Point	30.317	60	58	S	1	2	E	9	bf	—	0
Pembroke ...	30.307	60	60	S	1	1	S	9	f	—	2
Penzance ...	30.377	62	61	SW	2	3	W	8	co	—	1
Plymouth ...	30.347	—	—	NW	2	3	NW	1	ob	—	1
Portsmouth ...	30.307	—	—	Z	0	1	W	3	c	—	0
Dover ...	30.257	72	67	NNE	2	1	SW	2	cb	—	1
London ...	30.307	67	62	NNW	2	2	W	1	ocb	—	—
Helder ...	30.23	63	—	NNE	3	—	—	—	—	—	2
Cape Gris Nez	30.287	65	65	Z	0	3	W	2	bf	—	1
Brest ...	30.312	61	59	N	3	4	NNW	9	bf	—	2
L'Orient ...	30.357	60	60	ENE	3	4	WNW	9	cm	—	2
Rochefort ...	30.267	68	64	?N	4	5	?N	0	cb	0.04	3
Biarritz ...											
Corunna ...	30.14	70	—	NE	3	—	—	—	b	—	2
Brussels ...	30.24	68	—	SW	3	—	—	—	b	—	—
Paris ...	30.28	66	—	NNW	2	—	—	—	b	—	—
Strasbourg ...	—	69	—	N	3	—	—	—	c	—	—
Lyons ...	30.17	81	—	N	3	—	—	—	b	—	—
Toulon ...	30.057	80	64	SW	1	1	SW	1	cb	—	1
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...	30.21	66	61	E	1	—	—	6	c	—	2
Greencastle ...	30.14	64	61	WSW	4	—	—	9	o	—	—
Valencia ..	30.31	66	63	SSW	4	—	—	6	fe	—	—
Penzance ...											
London ...	30.24	79	67	WSW	1	—	—	1	b	—	—
Rochefort ...											

EXPLANATION OF THE COLUMNS.

BAROMETER: corrected and reduced to 32° F. at sea level. The letters r. (rising), f. (falling), s. (steady), indicate direction of motion of the mercury within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **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—extreme high sea.

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

REMARKS.

Wednes. day

The barometer has risen at all stations since yesterday morning, but during the night a slight fall has taken place on our western and north-western coasts. Readings continue highest in the south of England, but the difference between those at Penzance and Thurso is only 0.2 in.

Temperature has fallen very slightly except at Greenacres and Thurso.

A light S⁴ breeze has set in at our western stations, with a great deal of fog; but light W⁴ breezes are reported in the North Sea, and calms in the Channel.

The sky has become clear except in the west of the west of the British Isles. The sea is very calm.

2 P.M. No important change.

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.
JULY												
19 TH	Christiansund	29.92	59	55	ESE	4	0	Z	1	cb	—	2
—	Andemaes	30.00	56	55	SE	6	0	Z	—	co	—	3
—	Oss	30.02	57	54	WSW	4	8	WSW	—	bc	—	3
—	Wick	30.025	58	55	NW	4	3	3	8	co	—	2
—	Helder	30.20	60	—	WSW	2	—	—	—	—	—	2
—	Brest	—	59	59	NNW	3	4	W	9	m	—	3
—	Biarritz	30.245	68	66	SSW	4	5	NNW	6	m	—	3
—	Brussels	30.20	65	—	NNE	1	—	—	—	—	—	—
—	Paris	—	69	—	WNW	1	—	—	—	c	—	—
—	Strasbourg	—	65	—	NE	3	—	—	—	c	—	—
—	Lyon	30.08	70	—	N	3	—	—	—	b	—	—
—	Heart's Content	29.725	52	52	NNE	1	2	W	9	cfo	0.21	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Thursday

July 21st

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Dist. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 2.)	Force. (0 to 12.)	Direction.				
*Christiansund	29.76	54	49	SSW	4	6	SW	—	co	—	1
*Skudesnaes ...	29.84	55	51	SSE	4	4	WSW	—	bo	—	3
*Oxo (Christiansand)	29.86	55	53	SW	2	6	WSW	—	bo	—	2
Thurso ...	29.82 ^f	56	55	N	2	4	SSW	7	r	0.25	1
Wick ...	29.83 ^f	60	59	NW	3	3	SW	8	o	0.14	2
Nairn ...	29.84 ^f	63	61	WSW	1	1	WSW	8	o	0.11	1
Aberdeen ...	29.86 ^f	65	61	W	1	1	S	6	oc	0.07	1
Leith ...	29.94 ^f	62	60	W	5	4	W	9	o	0.09	—
Shields ...	29.92 ^f	64	62	WNW	3	2	SW	7	o	?	1
Scarborough...	30.00 ^f	67	63	W	4	2	W	5	c	0.10	3
Yarmouth ...	30.12 ^f	66	64	W	4	4	SE	4	c	—	3
Ardrossan ...	30.03 ^f	61	57	NNW	4	4	WSW	7	oc	0.76	3
Greencastle ...	30.00 ^r	62	60	W	4	6	W	7	rc	0.02	—
Holyhead ...	30.16 ^f	57	56	SSW	3	5	SSW	9	o	—	—
Liverpool ...	30.10 ^f	67	62	S	1	2	S	8	co	—	1
Valencia ...	30.26 ^f	63	62	SW	3	4	SSW	9	erm	0.03	3
Cape Clear ...											
Roche's Point	30.23 ^f	61	59	SSW	3	3	SSW	7	fc	—	2
Pembroke ...	30.22 ^f	57	57	WSW	3	3	WSW	9	f	—	2
Penzance ...	30.31 ^f	62	60	SSE	1	3	NNW	2	cb	—	1
Plymouth ...	30.29 ^s	—	—	NW	1	3	S	5	fc	—	1
Portsmouth ...	30.21 ^f	—	—	WNW	3	1	SW	5	c	—	2
Dover ...	30.17 ^f	63	62	SW	1	1	NNE	7	bf	—	0
London ...	30.14 ^f	68	63	W	2	2	NNW	4	bc	—	—
Helder ...	30.10	64	—	?SW	4	—	—	—	—	—	2
Cape Gris Nez	30.13 ^f	59	59	W	3	1	NE	9	f	—	2
Brest ...	? 30.24 ²	58	58	NNE	3	5	N	9	f	—	2
B'Orient ...	30.28 ^f	58	58	ENE	4	4	W	9	bf	—	2
Rocheport ...	30.20 ²	72	67	E	4	5	SSW	0	b	—	3
Biarritz...											
Corunna ...	30.06	71	—	NE	—	—	—	—	b	—	2
Brussels ...	30.19	65	—	WSW	3	—	—	—	c	—	—
Paris ...	30.24	69	—	WNW	1	—	—	—	c	—	—
Strasbourg ...	—	71	—	NW	3	—	—	—	b	—	—
Lyon ...	30.16	75	—	N	3	—	—	—	b	—	—
Toulon ...											
Heart's Content (9 a.m. local time.)	30.15 ²	63	57	WSW	3	3	WSW	2	b	0.11	3

2 P.M. REPORT.

Skudesnaes ...						—	—	—	—	—	
Nairn ...						—	—	—	—	—	
Scarborough...	30.05	74	66	W	3	—	—	6	c	—	3
Greencastle ...						—	—	—	—	—	—
Valencia ...	30.26	65	64	WSW	3	—	—	8	mf	—	2
Penzance ...	30.29	72	65	NW	2	—	—	4	fe	—	1
London...	30.13	79	69	W	1	—	—	5	oc	—	—
Rocheport ...						—	—	—	—	—	—

EXPLANATION OF THE COLUMNS.

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

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

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

REMARKS.

Thurs-day

Since yesterday morning the barometer has fallen in all parts of our Islands and in Norway, the change being greatest (about 0.3 in.) over the North Sea. The reading at Thurso is now 0.49 in. less than that at Puzosau.

Temperature has changed irregularly, but has risen on our north-east coasts. The weather in S. Britain continues very warm.

Moderate SW^{ly} winds are again reported in Ireland and the Irish Channel, drawing gradually to W in the east of England. At Thurso a N^{ly} breeze is reported, with lower temperature.

The sky is now cloudy generally with fog in the south-west and south, and some rain has fallen in the northern parts of the United Kingdom. The sea is calm.

2 P.M. The barometer has commenced rising again except in the south. Winds continue light, with much fog at the western stations.

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.
JULY												
20 th	Brest	30.31r	61	59	N	3	4	NNW	9	bf	—	2
—	Comma	30.14	70	—	NE	3	—	—	—	b	—	2
—	Brussels	30.24	68	—	SW	3	—	—	—	b	—	—
—	Paris	30.28	66	—	NNW	2	—	—	—	b	—	—
—	Strasbourg	—	69	—	N	3	—	—	—	c	—	—
—	Lyon	30.17	81	—	N	3	—	—	—	b	—	—
—	Toulon	30.05f	80	64	SW	1	1	SW	1	cb	—	1
—	Hearts Content	30.03r	62	55	SW	2	2	NNE	1	cb	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Fri-day

July 22nd

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Dist. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund								—		—	
* Skudesnaes ...								—		—	
* Oxo (Christiansand)								—		—	
Thurso ...	30.13r	57	55	WNW	2	5	NW	6	mc	0.12	1
Wick ...	30.14r	60	58	SSW	2	4	NW	8	co	—	2
Nairn ...	30.13r	59	56	WNW	1	4	WNW	6	c	—	1
Aberdeen ...	30.17r	64	58	SSE	1	2	NW	3	c	—	1
Leith ...	30.16r	61	57	W	3	5	W	6	c	—	—
Shields ...	30.19r	62	59	NNE	2	6	WNW	2	b	—	1
Scarborough ...	30.20r	64	59	N	2	4	W	0	cb	—	2
Varmouth ...	30.20r	65	62	NNE	2	4	NW	0	cb	—	2
Ardrossan ...	30.21r	59	57	S	2	6	NW	7	c	—	1
Greencastle ...	30.18f	64	62	SW	1	5	W	4	cm	—	—
Holyhead ...	30.22r	62	60	SSW	1	2	SSW	5	c	—	—
Liverpool ...	30.21r	62	56	SW	1	1	SW	2	b	—	0
Valencia ...	30.19f	65	64	SSW	1	3	WSW	3	fc	0.02	3
Cape Clear ...											
Roche's Point	30.20f	68	65	SSE	2	2	SW	9	bm	—	2
Pembroke ...	30.21f	61	60	Z	0	2	WNW	4	f	—	0
Penzance ...	30.22f	62	60	ENE	1	3	NNE	0	b	—	1
Plymouth ...	30.22f	—	—	Z	0	3	NW	1	c/b	—	1
Portsmouth ...	30.18r	—	—	Z	0	4	W	3	c	—	0
Dover	30.17f	174	167	NNE	2	3	SW	1	fb	—	1
London ...	30.20r	69	63	NNE	1	2	NNE	1	cb	—	—
Helder ...	30.14	63	—	N	4	—	—	—	—	—	2
Cape Gris Nez	30.19r	65	61	NE	1	4	SW	1	f	—	1
Brest ...											
L'Orient ...	30.19f	64	62	E	4	1	SE	1	c/b	—	2
Rochefort ...	30.11f	71	64	E	4	5	NW	0	b	—	3
Biarritz ...	30.05f	77	75	NW	1	4	SW	0	b	—	4
Corunna ...	29.92	75	—	NE	3	—	—	—	b	—	2
Brussels ...	30.16	66	—	NNE	3	—	—	—	b	—	—
Paris ...	30.13	67	—	N	1	—	—	—	—	—	—
Strasbourg ...	—	75	—	NE	3	—	—	—	c	—	—
Lyons ...	30.06	77	—	N	3	—	—	—	b	—	—
Toulon ...											
Heart's Content (9 a.m. local time.)	29.95f	61	61	SW	3	5	SW	9	c/r	0.15	3

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...	30.22	65	62	ESE	2	—	—	1	b	—	2
Greencastle ...											
Valencia ...	30.11	71	66	SSW	4	—	—	1	c/b	—	3
Penzance ...	30.19	69	65	SSE	1	—	—	0	b	—	1
London ...	30.17	79	65	N	2	—	—	2	b	—	—
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 rainfall, and their "extreme" wind is an observation taken at 8 p.m.

REMARKS.

Fri. day

In our Islands the barometer having recovered in the north from yesterday's depression, and fallen slightly in the south readings have again become very remarkably uniform.

Temperature also has become uniformly high.

A light S⁴ breeze now prevails in the western districts; light W¹ winds in Scotland; light N² airs on our east coast, and calms in the Channel.

The weather though still cloudy and foggy on the western coasts is clear elsewhere. The sea is very calm.

2 P.M. No important change.

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.
JULY												
21 st	Brest	30.24r	58	58	NNE	3	5	N	7	f	—	2
---	Rocheport	30.20+	72	67	E	4	5	SSW	0	b	—	3
---	Cornwall	30.06	71	—	NE	—	—	—	—	b	—	2
---	Brussels	30.19	65	—	WSW	3	—	—	—	c	—	—
---	Paris	30.24	69	—	WNW	1	—	—	—	c	—	—
---	Strasbourg	—	71	—	NW	3	—	—	—	b	—	—
---	Lyon	30.16	75	—	N	3	—	—	—	b	—	—
---	Heart's Content	30.15+	63	57	WSW	3	3	WSW	2	b	0.11	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A M

WEATHER REPORT. 1870.

July 23rd

Saturday

STATIONS.	Barometer.	Thermometer.		Present Wind		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Distu. (0 to 5)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.14	54	49	ESE	4	6	WSW	—	c	—	4
* Skudesnaes ...	30.15	57	52	NNW	4	4	N	—	b	—	2
Oxo (Christiansund)	30.10	62	55	NNE	4	4	S	—	b	—	2
Thurso ...	30.00f	68	64	S	2	3	SSE	3	c	—	1
Wick ...	30.01f	63	62	SSE	4	2	SE	1	cb	—	2
Nairn ...	30.01f	70	64	Z	0	1	WNW	0	cb	—	0
Aberdeen ...	30.06f	67	63	S	1	2	SSW	0	b	—	0
Leith ...	30.07f	70	64	NW	1	3	NW	1	b	—	—
Shields ...	30.13f	66	64	SW	2	2	N	0	b	—	2
Scarborough ...	30.17f	66	62	SSW	2	2	SE	1	b	—	2
Yarmouth ...	30.22f	63	60	ESE	3	3	E	0	cb	—	3
Ardrossan ...	30.10f	69	63	SE	1	2	NW	2	cb	—	1
Greencastle ...	30.03f	66	64	WSW	1	2	SW	1	mb	—	—
Holyhead ...	30.09f	68	63	SSW	1	1	SSW	3	ba	—	—
Liverpool ...	30.11f	69	64	S	1	1	S	0	cb	—	1
Valencia ...	29.99f	66	63	SSW	1	4	NW	4	b	—	2
Cape Clear ...											
Roche's Point	29.99f	67	62	ESE	4	4	ESE	2	fb	—	3
Pembroke ...	30.03f	65	59	E	5	4	E	3	fb	—	2
Penzance ...	30.04f	65	64	E	2	2	E	2	b	—	1
Plymouth ...	30.06f	—	—	E	6	3	S	3	b	—	5
Portsmouth ...	30.11f	—	—	ESE	3	2	S	4	c	—	2
Dover ...	30.14f	69	64	E	3	3	E	0	b	—	2
London ...	30.16s	66	63	ENE	2	4	NE	2	b	—	—
Helder ...	30.22	61	—	NE	2	—	—	—	—	—	2
Cape Gris Nez	30.16f	61	59	E	3	4	ENE	1	b	—	1
Brest ...	29.89f	75	66	E	4	4	ENE	0	b	—	3
L'Orient ...	29.98f	71	67	E	4	3	?	0	b	—	2
Rochefort ...	29.92f	73	64	E	5	4	E	0	b	—	3
Biarritz ...	29.86f	77	72	S	1	3	N	0	b	—	3
Corunna ...											
Brussels ...											
Paris ...											
Strasbourg											
Lyons ...											
Toulon ...	29.91f	74	63	E	4	2	?	0	b	—	2
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...	30.16	62	60	SE	4	—	—	2	b	—	4
Greencastle ...											
Valencia ...	29.95	69	65	WNW	4	—	—	1	b	—	2
Penzance ...											
London ...	30.11	74	63	E	5	—	—	2	b	—	—
Rochefort ...											

EXPLANATION OF THE COLUMNS.

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

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

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

REMARKS.

Satur. day

Since yesterday a decrease of pressure has occurred— amounting to 0.2 in. in the south-west of Ireland. At Yarmouth, however, and The Helder a slight increase has taken place. Readings are now highest on the east coast— the difference between Yarmouth and Rochefort being 0.30 in.

Temperature has risen in the north and west, but fallen in the south-east.

Winds are E⁴ light to fresh in the Channel and over France, and light S⁴ elsewhere.

The weather is clear on all coasts. At Plymouth the sea is rather rough but it is calmer elsewhere.

2 Pm. Pressure has scarcely changed and winds continue light to moderate, being E⁴ in England while at Valencia a W⁴ breeze is reported.

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.
JULY												
22 nd	L'orient	30.197	64	62	E	4	1	SE	1	cb	—	2
—	Biarritz	30.057	77	75	NW	1	4	SW	0	b	—	4
—	Coruna	29.92	75	—	NE	3	—	—	—	b	—	2
—	Brussels	30.15	66	—	NNE	3	—	—	—	b	—	—
—	Paris	30.13	67	—	N	1	—	—	—	—	—	—
—	Strasbourg	—	75	—	NE	3	—	—	—	c	—	—
—	Lyons	30.06	77	—	N	3	—	—	—	b	—	—
—	Hearts Content	29.957	61	61	SW	3	5	SW	4	c/t	0.15	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July, 24th

Sunny day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturbance (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.10	59	55	Z	0	0	Z	—	bc	—	2
* Skudesnaes ...	30.16	62	58	SSE	2	2	W	—	b	—	2
* Oxo (Christiansund)	30.17	59	57	N	2	2	SW	—	b	—	1
Thurso ...	30.08r	58	56	Z	0	4	NNW	7	c	—	0
Wick ...	30.08r	59	58	NNE	3	2	SSE	8	co	—	2
Nairn ...	30.06r	60	58	E	1	1	W	8	bom	—	1
Aberdeen ...	30.07r	64	61	SE	1	2	S	0	b	—	1
Leith ...	30.02f	72	66	SE	2	2	NE	1	b	—	—
Shields ...	30.08s	66	64	SE	2	3	SE	0	b	—	1
Scarborough...	30.14f	63	60	SE	3	4	SE	1	b	—	3
Yarmouth ...	30.12f	65	62	NE	4	4	ENE	3	c	—	4
Ardrossan ...	30.06r	72	64	SSE	1	1	NE	2	b	—	1
Greencastle ...	29.99f	67	63	E	1	2	N	1	fb	—	—
Holyhead ...	29.99f	71	65	SW	1	1	SSW	7	bc	—	—
Liverpool ...	29.93f	68	63	SE	2	1	S	8	bo	—	1
Valencia ...	29.90f	68	63	S	1	4	WNW	1	b	—	1
Cape Clear ...											
Rocke's Point	29.92f	70	64	E	4	4	E	2	b	—	3
Pembroke ...	29.92f	67	61	E	5	5	ESE	4	c	—	3
Penzance ...	29.89f	66	64	E	1	4	E	0	b	—	1
Plymouth ...	29.92f	—	—	E	6	6	E	1	b	—	5
Portsmouth ...	29.93f	—	—	SSE	5	5	SSE	2	b	—	4
Dover ...	30.07f	69	65	E	3	4	E	0	b	—	2
London ...	30.04f	67	59	ENE	3	5	ENE	4	bc	—	—
Helder ...	30.15	64	—	E	3	—	—	—	—	—	4
Cape Gris Nez	30.03f	64	60	E	4	5	E	1	b	—	2
Brest ...	29.75f	77	63	E	4	5	E	0	b	—	2
L'Orient ...	29.84f	71	66	E	4	5	E	0	b	—	1
Rochefort ...	29.82s	73	68	E	3	5	E	0	b	—	2
Biarritz ...	29.80r	75	71	Z	0	3	SSW	0	bf	—	3
Corunna ...											
Brussels ...	30.07	60	—	NNE	1	—	—	—	b	—	—
Paris ...	29.68	69	—	E	2	—	—	—	b	—	—
Strasbourg ...		65	—	N	3	—	—	—	b	—	—
Lyons ...	29.93	78	—	SE	1	—	—	—	b	—	—
Toulon ...	30.00r	69	69	ESE	4	4	SE	5	fo	—	4
Heart's Content (9 a.m. local time.)	29.88f	62	59	SW	1	3	WSW	8	bo	—	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.

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EIGHT A.M.

WEATHER REPORT. 1870. *July 25th.**Monday*

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Dis. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.15	64	60	ESE	2	4	WSW	—	o b	—	2
* Skudesnaes ...	30.21	63	59	ESE	2	0	Z	—	b	—	2
* Oxo (Christiansand)	30.20	62	58	SW	2	4	SW	—	b	—	1
Thurso ...	29.95f	64	58	SSE	1	4	E	5	m c	—	2
Wick ...	29.96f	61	59	SE	4	4	SSE	7	c	—	3
Nairn ...	29.96f	58	56	E	1	1	E	2	m	—	1
Aberdeen ...	30.04f	65	61	S	2	3	S	0	b	—	1
Leith ...	29.95f	60	59	NE	4	2	NE	8	b c	—	—
Shields ...	29.98f	63	62	SSE	2	3	SE	0	b	—	2
Scarborough ...	29.99f	66	63	SE	2	3	SE	1	b	—	3
Yarmouth ...	29.94f	66	63	E	5	5	ENE	0	c b	—	4
Ardrossan ...	29.96f	72	63	ENE	3	1	NW	1	b	—	2
Greencastle ...	29.90f	68	63	Z	0	2	NW	6	r m	0.05	—
Holyhead ...	29.85f	64	59	SSE	3	?	NNW	7	c	—	—
Liverpool ...	29.87-	68	62	S	1	1	S	0	b	—	1
Valencia ...	29.97r	60	59	N	5	3	NW	8	o r	0.06	3
Cape Clear ...											
Roche's Point	29.86f	65	62	NNW	4	4	E	8	b o	—	3
Pembroke ...	29.78f	67	60	N	2	4	E	9	c r t	—	0
Penzance ...	29.76f	69	63	NE	4	7	ESE	3	b l c	—	4
Plymouth ...	29.76f	—	—	SSE	2	7	E	9	b o	—	2
Portsmouth ...	29.80f	—	—	WSW	2	5	SSE	5	b r c	0.03	1
Dover ...	29.85f	72	65	E	2	3	E	0	b	—	1
London ...	29.85f	70	64	E	2	4	E	9	b o	—	—
Helder ...	30.02	69	—	E	6	—	—	—	—	—	4
Cape Gris Nez	29.85f	72	68	S	4	5	ESE	4	c	—	2
Brest ...	29.74r	84	79	NW	3	3	E	8	b o	—	3
L'Orient ...	29.80r	66	64	WSW	5	5	S	2	c	—	4
Rochefort ...	30.00r	70	68	W	3	7	W	8	b c	—	3
Biarritz ...	30.08r	70	65	S	1	5	W	9	m o	—	3
Corunna ...		—	—	—	—	—	—	—	—	—	—
Brussels ...	29.89	66	—	NE	?	—	—	—	b	—	—
Paris ...		—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	67	—	NE	3	—	—	—	b	—	—
Lyons ...	29.96	74	—	S	3	—	—	—	b	—	—
Toulon ...	30.01f	75	64	E	3	4	ESE	2	f b	—	2
Heart's Content (9 a.m. local time.)	29.70f	66	62	SW	1	1	SW	5	b f	—	2

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...	29.88	84	70	E	1	—	—	2	b	—	1
Scarborough ...	29.97	66	62	SE	2	—	—	6	b c	—	3
Greencastle ...	29.94	67	63	NNW	4	—	—	6	m	—	—
Valencia ...	30.06	64	61	NNW	5	—	—	3	r c	—	3
Penzance ...											
London ...	29.83	80	69	SSE	3	—	—	7	o c b	—	—
Rochefort ...											

EXPLANATION OF THE COLUMNS.

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

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

REMARKS.

Mon day

Pressure has continued to decrease at all stations except at Valencia, where there is a slight rise. The difference between Valencia and Brest is .23 inch, but elsewhere readings are very uniform. Temperature continues very high, but has fallen in the SW.

Winds are N^W. moderate in the S. of Ireland, veering to E on our East Coast, and variable elsewhere.

Thunder storms are reported from the West of England, and the weather is now generally cloudy, with mist in the NW. The sea is moderate.

2 P.M.:— Pressure is rising in the West, but the fall continues elsewhere.

Winds are nearly unchanged.

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.
July 2 nd	Biarritz	29.86 f	77	72	S	1	3	N	0	b	—	3
	Brussels	30.18	61	—	W	3	—	—	—	b	—	—
	Paris	30.08	69	—	E	2	—	—	—	b	—	—
	Strasbourg	—	68	—	NE	3	—	—	—	b	—	—
	Lyon	29.96	75	—	N	3	—	—	—	b	—	—
	Toulon	29.91 f	74	63	E	4	2	?	0	b	—	2
	Hearts Content	30.05 f	63	57	SW	1	4	WSW	2	f b	—	2

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT 1870.

July 26th

Tues-day

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturbance (0 to 4)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.08	64	62	Z	0	0	Z	—	b	—	1
* Skudesnaes ...	30.12	70	61	W	2	0	Z	—	b	—	2
* Oxo (Christiansand)	30.10	68	60	NE	4	4	ENE	—	b	—	2
Thurso ...	—	60	56	SW	2	6	S	2	cb	—	1
Wick ...	30.09+	61	59	W	3	4	SE	7	c	—	2
Nairn ...	30.11+	72	67	SW	1	1	E	1	b	—	0
Aberdeen ...	30.09+	60	55	N	4	1	S	7	bc	—	1
Leith ...	30.04+	58	57	ESE	5	3	NE	7	co	—	—
Shields ...	29.99+	63	62	ENE	2	2	SE	2	b	—	3
Scarborough ...	29.94s	65	61	N	2	2	SE	3	c	—	3
Yarmouth ...	29.89+	65	64	NNW	3	5	SE	4	bc	0.38	4
Ardrossan ...	30.09+	61	56	NNW	5	7	NE	4	c	—	3
Greencastle ...	30.17+	61	57	NW	3	6	NNW	5	mc	—	—
Holyhead ...	30.09+	58	56	WNW	5	3	ESE	7	c	—	—
Liverpool ...	30.00+	64	60	WSW	3	1	S	7	co	—	2
Valencia ...	30.26+	62	57	N	3	5	NNW	2	b	0.02	2
Cape Clear ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point	30.16+	60	56	N	6	6	NNW	7	c	—	4
Pembroke ...	30.09+	57	54	NNW	6	6	NNW	4	mc	0.17	2
Penzance ...	30.14+	63	59	NE	5	5	N	4	c	—	3
Plymouth ...	30.05+	—	—	NNW	4	4	NNW	3	cb	—	2
Portsmouth ...	29.92+	—	—	NE	1	3	SW	5	c	—	1
Dover ...	29.87s	68	66	ENE	2	2	SW	4	ltc	0.05	1
London ...	29.95+	65	63	E	2	3	ENE	4	lcr	0.48	—
Helder ...	29.90	65	—	ESE	—	—	—	—	—	—	—
Cape Gris Nez	29.91+	65	65	Z	0	1	SW	5	oc	—	1
Brest ...	30.01+	60	58	NNW	4	5	WSW	0	ob	—	3
L'Orient ...	—	—	—	—	—	—	—	—	—	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—
Biarritz ...	—	—	—	—	—	—	—	—	—	—	—
Corunna ...	30.19	68	—	NW	6	—	—	—	o	—	2
Brussels ...	29.88	68	—	W	1	—	—	—	c	—	—
Paris ...	29.69	67	—	SW	2	—	—	—	o	—	—
Strasbourg ...	—	71	—	SW	3	—	—	—	r	—	—
Lyons ...	30.02	81	—	NW	1	—	—	—	o	—	—
Toulon ...	—	—	—	—	—	—	—	—	—	—	—
Heart's Content (9 a.m. local time.)	29.63+	66	59	WSW	6	7	SW	4	fc	—	6

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	30.01	65	62	N	2	—	—	9	co	—	3
Greencastle ...	30.23	64	55	NNW	2	—	—	4	c	—	—
Valencia ...	30.27	64	59	N	3	—	—	0	b	—	2
Penzance ...	30.16	64	59	NE	5	—	—	4	c	—	3
London ...	29.93	77	67	NNE	3	—	—	9	co	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

EXPLANATION OF THE COLUMNS.

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

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

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

REMARKS

Tues-day

Readings this morning are higher at all stations except on the east coast, where there is a slight fall. The rise has amounted to 0.38 in. at Penzance. The difference between Valencia and Dover is 0.39 in.

Temperature has fallen considerably in the north and west, but is steady elsewhere.

Winds are generally N^W,— fresh to moderate on the west and light on other coasts.

Thunderstorms have occurred in the south-east of England. The weather is generally cloudy, and the sea moderate.

2 P.M.: Pressure has decreased slightly in London, elsewhere it has continued to increase. Winds are unchanged.

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.
JULY												
25 th	Biarritz	30.08r	70	65	S	1	5	W	4	mo	—	3
—	Brussels	29.89	66	—	NE	1	—	—	—	b	—	—
—	Strasbourg	—	67	—	NE	3	—	—	—	b	—	—
—	Lyons	29.46	77	—	S	3	—	—	—	b	—	—
—	Heart's Content	29.70f	66	62	SW	1	1	SW	5	b f	—	2

Meteorological Office.

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

July 27th

Wednesday

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Dist. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	30.25	54	53	WSW	4	0	Z	—	mc	—	3
* Skudesnaes ...	30.12	64	60	NNW	4	0	Z	—	bc	—	2
* Oxo (Christiansand)	30.07	65	61	NNW	2	—	—	—	b	—	1
Thurso ...	30.27r	57	55	NNE	1	4	NW	4	c	—	1
Wick ...	30.27r	59	57	NW	2	3	W	6	c	—	2
Nairn ...	30.27r	61	56	NNE	1	1	SW	2	b	—	1
Aberdeen ...	30.27r	59	54	NNE	3	1	NNE	1	b	—	1
Leith ...	30.22r	64	58	NE	2	3	E	1	ob	—	—
Shields ...	30.20r	59	58	NNE	4	4	NE	7	mc	—	3
Scarborough ...	30.16r	63	60	N	3	3	N	7	c	—	3
Yarmouth ...	30.03r	64	63	NNE	4	4	NW	0	cb	—	4
Ardrossan ...	30.27r	65	59	E	3	6	NW	3	c	—	2
Greencastle ...	30.27r	59	55	N	4	4	NW	1	cb	—	—
Holyhead ...	30.20r	59	57	N	3	6	NNW	7	co	—	—
Liverpool ...	30.13r	64	59	SW	2	2	SW	3	c	—	1
Valencia ...	30.27s	60	57	N	1	3	N	0	b	—	0
Cape Clear ...											
Roche's Point	30.20s	60	56	N	3	6	N	2	b	—	2
Pembroke ...	30.12f	58	55	N	6	7	N	2	cb	—	1
Penzance ...	30.15f	62	59	NE	6	6	NNE	8	co	—	4
Plymouth ...	30.10r	—	—	NNW	2	6	NNW	3	cb	—	1
Portsmouth ...	30.01r	—	—	NE	4	1	SW	6	ote	0.17	3
Dover ...	29.93r	64	64	NE	3	2	ENE	7	cm	—	2
London ...	30.03r	65	63	ENE	2	2	NE	9	blo	0.25	—
Helder ...	29.97	66	—	NE	6	—	—	—	—	—	2
Cape Gris Nez	29.97r	63	61	NNE	5	1	WSW	4	of	—	4
Brest ...	30.04s	60	56	NNW	4	5	NNW	0	b	—	3
L'Orient ...	30.08f	58	56	N	4	5	NNW	0	b	—	2
Rochefort ...	30.04f	64	62	N	4	5	WNW	0	ob	—	3
Biarritz ...	30.09f	68	63	W	4	5	NW	6	mc	—	4
Corunna ...											
Brussels ...	29.92	66	—	NE	1	—	—	—	etc	—	—
Paris ...	29.95	64	—	N	6	—	—	—	o	—	—
Strasbourg ...	—	69	—	SW	3	—	—	—	o	—	—
Lyons ...	29.96	77	—	N	3	—	—	—	c	—	—
Toulon ...	29.89f	74	63	NNW	4	7	W	0	b	—	4
Heart's Content (9 a.m. local time.)											

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...	30.18	60	59	N	4	—	—	9	om	—	4
Greencastle ...											
Valencia ...	30.26	65	59	N	1	—	—	0	b	—	0
Penzance ...	30.12	64	60	NE	6	—	—	3	c	—	4
London ...	30.03	78	66	NE	2	—	—	8	oc	—	—
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 barometer within last 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **WEATHER**: b.—blue sky; c.—clouds (detached); f.—fog; h.—hail; l.—lightning; m.—misty (hazy); o.—overcast (dull); p.—passing showers; q.—squalls; r.—rain; s.—snow; t.—thunder. **RAIN-FALL**: (snow or hail melted), during last 24 hours. **SEA DISTURBANCE**: 0—dead calm; 9—extreme high sea.

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

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

REMARKS.

Wednesday

Pressure is higher this morning at all stations especially on the north and east coasts, but since last evening a fall has set in in the south-west. The lowest reading is still at Dover and is 0.34 in. lower than those at Valencia and on the north-west coast.

Temperature has scarcely changed.

Winds are NE⁴ fresh in the Channel, but generally N⁴ light to moderate elsewhere.

A thunderstorm has occurred at Portsmouth. The weather is clearer in the west and north, and the sea generally moderate.

2 P.M.:— There is no important change since the morning. The northern reports are not in.

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.
JULY												
26 th	Cornwall	30.19	68	—	NW	6	—	—	—	c	—	2
—	Brussels	29.88	68	—	W	1	—	—	—	c	—	—
—	Paris	29.64	67	—	SW	2	—	—	—	c	—	—
—	Strasbourg	—	71	—	SW	3	—	—	—	r	—	—
—	Lyons	30.02	81	—	NW	1	—	—	—	c	—	—
—	Heart's Content	29.63	66	59	WSW	6	7	SW	4	f c	—	6
<u>Corrections</u>												
—	Thurso	Barometer reading should be 30.09.										

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Thursday

July 28th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Dis. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund								—		—	
* Skudesnaes ...								—		—	
Oxo (Christiansand)								—		—	
Thurso ...	30.35r	56	51	N	1	4	N	2	b	—	0
Wick ...	30.33r	56	55	N	3	3	NNW	7	c	—	2
Nairn ...	30.35r	56	52	ESE	1	1	NNE	4	bc	—	1
Aberdeen ...	30.33r	55	50	N	3	1	NNE	5	bc	—	1
Leith ...	30.29r	58	55	E	1	2	ENE	8	bo	—	—
Shields ...	30.29r	58	56	NE	3	3	NE	6	c	—	3
Scarborough ...	30.26r	59	54	N	4	4	N	5	oc	—	4
Yarmouth ...	30.16r	60	59	NNE	5	5	N	4	c	—	5
Ardrossan ...	30.33r	60	56	S	1	3	NE	1	cb	—	1
Greencastle ...	30.32r	60	58	SW	1	4	N	1	b	—	—
Holyhead ...	30.26r	61	57	NNE	4	5	N	7	bo	—	—
Liverpool ...	30.25r	63	58	SW	1	2	W	5	c	—	1
Valencia ...	30.28r	61	58	NNE	4	2	N	0	b	—	2
Cape Clear ...											
Roche's Point	30.25r	64	60	N	1	1	N	1	b	—	0
Pembroke ...	30.19r	62	59	ENE	1	6	N	0	cm	—	0
Penzance ...	30.19r	67	63	E	3	6	NE	0	cb	—	3
Plymouth ...	30.16r	—	—	E	4	3	NNW	3	b	—	2
Portsmouth ...	30.12r	—	—	ENE	4	4	NE	9	o	—	3
Dover ...	30.09r	62	60	NE	5	5	NE	8	co	—	3
London ...	30.16r	61	59	NE	3	5	NE	9	cb o	—	—
Helder ...	30.07	62	—	NNE	6	—	—	—	—	—	4
Cape Gris Nez	30.07r	60	60	NE	7	5	NE	9	o	—	5
Brest ...	30.04r	64	62	NE	4	5	NNW	3	bf	—	3
L'Orient ...	30.05r	64	62	NE	4	5	NNE	2	b	—	2
Rochefort ...	29.96f	67	65	E	4	5	NW	0	b	—	3
Biarritz ...	29.98f	69	65	S	3	4	W	5	c	—	5
Corunna ...	30.00	67	—	NE	6	—	—	—	c	—	2
Brussels ...	29.99	66	—	NE	3	—	—	—	rc	—	—
Paris ...	30.10	65	—	NNW	4	—	—	—	o	—	—
Strasbourg ...	—	68	—	W	1	—	—	—	c	—	—
Lyons ...	29.91	76	—	S	3	—	—	—	r	—	—
Toulon ...	29.75f	71	62	WSW	4	7	WSW	1	bc	—	4
Heart's Content (9 a.m. local time.)	29.90r	58	55	WNW	2	4	WSW	2	b	—	3

2 P.M. REPORT.

Skudesnaes ...								—		—	
Nairn ...	30.34	65	58	ESE	1	—	—	1	b	—	1
Scarborough ...	30.27	62	56	N	4	—	—	8	co	—	4
Greencastle ...								—		—	
Valencia ..	30.27	69	62	NNE	5	—	—	2	b	—	2
Penzance ...	30.19	69	63	ENE	3	—	—	2	b	—	3
London ...	30.19	65	59	NNE	4	—	—	9	o	—	—
Rochefort ...								—		—	

EXPLANATION OF THE COLUMNS.

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

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

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

REMARKS.

Thurs. day

To-day pressures are somewhat higher on all coasts, the rise amounting to 0.16 in. in the south-east. The highest readings are now in the north, — the difference between L'orient and L'orient being 0.30 in. —

Temperatures have fallen slightly on the north and east and risen on the south and west coasts.

Winds are generally NE⁴ and moderate.

The sky is clear in the west, but cloudy elsewhere. The sea is moderate.

2 P.M. — There is scarcely any change since the 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
JULY												
27 th	L'orient	30.007	58	56	N	4	5	NNW	0	b	—	2
—	Biarritz	30.007	68	63	W	4	5	NW	6	mc	—	4
—	Brussels	29.92	66	—	NE	1	—	—	—	brc	—	—
—	Paris	29.95	64	—	N	6	—	—	—	a	—	—
—	Strasbourg	—	69	—	SW	3	—	—	—	a	—	—
—	Lyon	29.96	77	—	N	3	—	—	—	c	—	—
—	Toulon	29.89r	74	63	NNW	4	7	W	0	b	—	4

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Fri-day

July 29th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Dist. (0 to 10)
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund	—	55	52	NNE	6	4	NNE	—	o	—	—
* Skudesnaes ...	30.09	59	56	WNW	4	6	WNW	—	c b	—	2
* Oxo (Christiansand)	30.03	64	64	WNW	4	4	NNE	—	o	—	—
Thurso ...	30.30f	59	54	E	1	3	N	2	b	—	0
Wick ...	30.29f	57	55	ENE	2	3	ENE	2	cb	—	2
Nairn ...	30.29f	60	55	NE	1	1	ESE	0	b	—	1
Aberdeen ...	30.29f	57	52	N	1	1	N	2	b	—	1
Leith ...	30.25f	60	58	E	1	2	E	2	b	—	—
Shields ...	30.26f	59	55	ENE	3	3	NE	6	c	—	3
Scarborough ...	30.22f	59	53	NE	4	4	N	9	o	—	4
Yarmouth ...	30.13f	59	58	N	4	5	N	4	c	—	5
Ardrossan ...	30.30r	61	55	NE	1	2	NW	0	b	—	1
Greencastle ...	30.29f	60	57	E	1	3	ENE	1	mb	—	—
Holyhead ...	30.25f	58	53	NNE	3	4	NNE	3	bc	—	—
Liverpool ...	30.18f	60	54	E	2	2	N	3	c	—	1
Valencia ...	30.26f	62	59	NW	1	5	NNE	0	b	—	0
Cape Clear ...	—	—	—	—	—	—	—	—	—	—	—
Roche's Point	30.24f	62	57	NNE	2	2	ESE	1	b	—	1
Pembroke ...	30.18f	59	54	NE	2	4	N	3	cm	—	1
Penzance ...	30.17f	64	59	ESE	3	5	NE	0	b	—	3
Plymouth ...	30.18s	—	—	ENE	4	3	E	1	b	—	2
Portsmouth ...	30.13f	—	—	ENE	3	4	ENE	6	cc	—	2
Dover ...	30.08f	59	57	NE	2	4	NE	8	cm	—	2
London ...	30.15f	60	56	NE	2	5	NE	6	abc	—	—
Helder ...	30.06	61	—	N	4	—	—	—	—	—	2
Cape Gris Nez	30.10f	59	55	NE	4	7	NNE	9	o	—	3
Brest ...	30.02r	61	57	ENE	4	5	NE	0	fb	—	4
L'Orient ...	30.02f	60	58	ENE	7	7	ENE	9	bo	—	4
Rochefort ...	29.95f	67	65	E	7	4	NE	9	co	—	3
Biarritz ...	29.88f	66	64	SW	3	3	SSW	9	fo	—	3
Corunna ...	—	—	—	—	—	—	—	—	—	—	—
Brussels ...	—	—	—	—	—	—	—	—	—	—	—
Paris ...	—	—	—	—	—	—	—	—	—	—	—
Strasbourg ...	—	—	—	—	—	—	—	—	—	—	—
Lyons ...	—	—	—	—	—	—	—	—	—	—	—
Toulon ...	29.86r	71	66	NE	3	5	W	2	ch	—	3
Heart's Content (9 a.m. local time.)	30.17r	61	56	SSE	1	2	WNW	1	b	—	1

2 P.M. REPORT.

Skudesnaes ...	—	—	—	—	—	—	—	—	—	—	—
Nairn ...	—	—	—	—	—	—	—	—	—	—	—
Scarborough ...	30.20	61	56	NNE	4	—	—	7	o c	—	4
Greencastle ...	30.26	64	58	E	1	—	—	1	b	—	—
Valencia ...	30.21	69	62	NE	2	—	—	2	cb	—	1
Penzance ...	—	—	—	—	—	—	—	—	—	—	—
London ...	30.11	63	57	N	2	—	—	9	o	—	—
Rochefort ...	—	—	—	—	—	—	—	—	—	—	—

EXPLANATION OF THE COLUMNS.

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

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

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

REMARKS.

Fri-day

A very slight decrease has occurred in pressure since yesterday at all British stations, except in the south of England. The lowest reading is at L'orient and is 0.2 in. below those at Ardrossan and Thurso.

Temperatures are a little higher in the north and lower elsewhere.

Winds are generally NE: light to moderate.

The weather is cloudy in the east, but clear elsewhere. The sea is generally moderate.

2 P.M.:— Pressure continues to decrease. Winds are unchanged.

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
JULY												
28 TH	Thurso	30.35r	56	57	N	1	4	N	2	b	—	0
—	Wick	30.33r	56	55	N	3	3	NNW	7	c	—	2
—	Leith	30.29r	58	55	E	1	2	ENE	8	bc	—	—
—	Ardrossan	30.33r	60	56	S	1	3	NE	1	ab	—	1
—	Rocheport	29.96f	67	65	E	4	5	NW	0	b	—	3
—	Biarritz	29.98f	69	65	S	3	4	W	5	c	—	5
—	Corunna	30.00	67	—	NE	6	—	—	—	c	—	2
—	Brussels	29.99	66	—	NE	3	—	—	—	nc	—	—
—	Paris	30.10	65	—	NNW	4	—	—	—	a	—	—
—	Strasbourg	—	68	—	W	1	—	—	—	c	—	—
—	Lyon	29.91	76	—	S	3	—	—	—	a	—	—
—	Toulon	29.75f	71	62	WSW	4	7	WSW	1	bc	—	4
—	Heart's Content	29.90r	58	55	WNW	2	4	WSW	2	b	—	3

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT 1870.

Saturday

July 30th

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Dist. (0 to 10)
		Dry	Wet	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
* Christiansund								—		—	
* Skudesnaes ...								—		—	
* Oxo (Christiansand)								—		—	
Thurso ...	30.23f	53	57	NNE	1	3	SSE	0	b	—	0
Wick ...	30.23f	57	56	ENE	3	2	ENE	5	c	—	2
Nairn ...	30.22f	57	52	NE	1	1	NE	0	b	—	1
Aberdeen ...	30.22f	58	55	NNE	1	1	NE	0	cb	—	1
Leith ...	30.17f	57	55	E	5	2	E	9	bm	—	—
Shields ...	30.14f	59	59	ENE	3	3	NNE	8	co	—	4
Scarborough ...	30.11f	60	59	NNE	3	4	NE	9	cm	—	3
Yarmouth ...	30.04f	61	60	NE	3	5	N	3	c	—	3
Ardrossan ...	30.18f	56	53	E	3	4	NE	8	co	—	2
Greencastle ...	30.15f	58	53	ENE	2	1	E	1	bm	—	—
Holyhead ...	30.09f	58	55	E	5	3	NNE	7	bo	—	—
Liverpool ...	30.09f	67	61	NE	3	2	E	5	c	—	2
Valencia ...	30.06f	62	57	NE	1	2	NW	0	b	—	0
Cape Clear ...											
Roche's Point	30.05f	60	56	ESE	3	3	ESE	7	bc	—	3
Pembroke ...	30.02f	58	54	ENE	2	4	N	8	co	—	1
Penzance ...	30.01f	61	59	ENE	4	5	NE	8	bo	—	3
Plymouth ...	30.01f	—	—	ENE	3	3	ENE	5	bc	—	2
Portsmouth ...	29.98f	—	—	ENE	1	3	ENE	9	o	—	1
Dover ...	29.97f	64	63	NE	2	2	NE	4	c	—	1
London ...	30.03f	62	60	NE	2	3	NNE	8	etc	—	—
Helder ...	30.03	62	—	NE	3	—	—	—	—	—	2
Cape Gris Nez	29.99f	62	60	E	5	4	NE	9	o	—	3
Brest ...	29.88f	60	58	ENE	4	5	NE	9	bo	—	3
L'Orient ...	29.88f	60	58	NNE	5	7	ENE	1	cb	—	3
Rochefort ...	29.78f	64	60	E	5	7	E	9	co	0.43	3
Biarritz ...	29.78	68	64	WSW	4	3	SW	—	r	0.35	3
Corunna ...	29.85	67	—	NW	6	—	—	—	c	—	2
Brussels ...	29.97	66	—	NE	1	—	—	—	o	—	—
Paris ...	29.65	61	—	NE	2	—	—	—	f	—	—
Strasbourg ...	—	67	—	N	—	—	—	—	c	—	—
Lyons ...	29.82	77	—	SE	3	—	—	—	o	—	—
Toulon ...	29.90f	72	65	WSW	3	—	—	2	b	—	2
Heart's Content (9 a.m. local time.)	30.08f	62	57	SSW	2	2	SSW	4	c	—	3

2 P.M. REPORT.

Skudesnaes ...											
Nairn ...											
Scarborough ...	30.07	61	60	NE	3	—	—	9	m	—	3
Greencastle ...											
Valencia ...	30.02	64	63	W	1	—	—	8	ro	—	0
Penzance ...	29.95	65	60	NE	5	—	—	6	c	—	3
London ...	29.98	69	62	NE	3	—	—	9	o	—	—
Rochefort ...											

EXPLANATION OF THE COLUMNS

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

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

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

REMARKS.

Saturday

Since yesterday pressure has continued to decrease, the fall amounting to 0.2 in. in the south of Ireland. Readings are still lowest in the south-east of England — the difference between Dover and Wick being 0.26 in.

Temperature has risen slightly in the east, but fallen in the north and west.

Winds remain from between E and NE, and are light to moderate in force.

The weather is generally cloudy, and the sea moderate.

2 P.M.:-

No important change since the 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.
JULY												
29 th	Christiansund	—	55	52	NNE	6	4	NNE	—	o	—	—
—	Skudesnaes	30.09	59	56	WNW	4	6	NNW	—	cb	—	2
—	Oxö	30.03	67	64	WNW	4	4	NNE	—	o	—	—
2	Liith	30.26f	60	58	E	1	2	E	2	b	—	—
3	Rocheport	29.95r	67	65	E	7	4	NE	9	co	—	3
—	Brussels	30.07	62	—	NNE	—	—	—	—	o	—	—
—	Paris	29.75	59	—	N	7	—	—	—	o	—	—
—	Strasbourg	—	68	—	NE	3	—	—	—	o	—	—
—	Lyon	29.88	73	—	N	3	—	—	—	b	—	—
—	Heart's Content	30.17r	61	56	SSE	1	2	WNW	1	b	—	1

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT 1870.

Sun-day

July 31st

STATIONS.	Barometer.	Thermometer.		Present Wind.		Extreme Wind.		Amount of Cloud. (0 to 9.)	Weather.	Rain. (Inches)	Sea Disturb.
		Dry.	Wet.	Direction.	Force. (0 to 12.)	Force. (0 to 12.)	Direction.				
*Christiansund								—		—	
*Skudesnaes ...								—		—	
(No Christiansund)								—		—	
Thurso ...	30.077	60	58	ESE	1	3	ENE	7	ofc	—	0
Wick ...	30.077	59	57	E	2	3	E	8	cf	—	2
Nairn ...	30.077	58	54	NW	1	1	E	4	bc	—	1
Aberdeen ...	30.067	59	57	NE	1	1	NE	5	c	—	1
Leith ...	29.987	57	55	E	5	4	E	9	o	—	—
Shields ...	29.997	57	57	NE	2	3	NE	8	om	—	3
Scarborough ...	29.947	63	61	NNE	3	3	NE	9	mf	—	3
Yarmouth ...	29.847	66	64	NE	4	4	NE	4	c	—	5
Ardrossan ...	30.027	65	62	E	3	6	ENE	7	c	—	2
Greencastle ...	29.967	62	59	NE	2	2	ENE	9	m	—	—
Holyhead ...											
Liverpool ...											
Valencia ...	29.927	63	59	W	1	1	W	2	b	—	0
Cape Clear ...											
Roche's Point	29.877	68	62	N	1	3	SE	3	b	—	1
Pembroke ...	29.817	65	62	N	2	2	N	3	om	—	0
Penzance ...	29.837	65	59	NNE	4	5	NE	4	c	—	2
Plymouth ...		—	—	N	1	3	E	5	cm	—	0
Portsmouth ...	29.737	—	—	Z	0	3	E	9	or	0.46	0
Dover ...	29.737	68	67	NE	2	3	NE	5	fc	0.03	1
London ...	29.787	65	62	NE	2	2	NE	6	lbc	0.21	—
Helder ...											
Cape Gris Nez	29.757	66	64	E	1	5	NE	9	f	0.04	1
Brest ...	29.757	60	60	SSW	3	5	ENE	9	o	0.04	2
L'Orient ...	29.767	62	62	N	3	5	ENE	9	bo	1.54	2
Rochefort ...	29.817	68	66	W	5	5	W	3	bc	0.16	3
Biarritz ...	29.847	70	66	SW	3	4	SW	3	mf	—	3
Corunna ...											
Brussels ...	29.73	68	—	ENE	1	—	—	—	rc	—	—
Paris ...	29.76	66	—	S	2	—	—	—	o	—	—
Strasbourg ...		72	—	S	3	—	—	—	c	—	—
Lyons ...	29.84	73	—	S	1	—	—	—	c	—	—
Toulon ...	29.907	68	64	ENE	3	4	ENE	5	bf	—	4
Heart's Content (9 a.m. local time.)	29.627	61	60	SSW	2	3	SSW	8	elf	0.43	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 14 hours. **THERMOMETER**: dry and wet, exposed in shade. **WIND**: **EXTREME FORCE** with its Direction, during last 24 hours. **Z.**—**SEA DISTURBANCE**: 0—dead calm, 9—extreme high sea.

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

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Sea
Distu
(0 to:

0	2	1	1	3	3	5	2	0	1	0	2	0	0	1	1	2	3	3	4	3
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ROBERT H. SCOTT,

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