

EIGHT A.M.

WEATHER REPORT. 1870. February 1st

Tuesday

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 9) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|-----------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 29.87 | 40 | 36 | ESE | 6 | 6 | ESE | — | b | — | 4 |
| * Skudesnaes ... | 29.98 | 35 | 32 | ESE | 8 | 8 | ESE | — | bo | — | 7 |
| * Oxo (Christiansand) | 30.19 | 31 | — | E | 8 | 6 | ESE | — | eo | — | 5 |
| Thurso ... | | | | | | | | | | | |
| Wick ... | 29.602 | 40 | 38 | SSW | 4 | 9 | SSE | 3 | c | — | 5 |
| Nairn ... | 29.632 | 49 | 46 | SSE | 6 | 1 | — | 2 | b | — | 2 |
| Aberdeen ... | 29.752 | 37 | 36 | SSW | 1 | 7 | SSE | 1 | ob | 0.05 | 2 |
| Leith ... | 29.752 | 40 | 37 | S | 5 | 6 | S | 5 | bc | — | — |
| Shields ... | — | 36 | 36 | SW | 3 | 7 | SW | 5 | m | — | 6 |
| Scarborough ... | 29.922 | 34 | 33 | SW | 3 | 6 | S | 2 | mb | — | 3 |
| Yarmouth ... | 30.032 | 37 | 37 | SSW | 2 | 6 | SE | 0 | cb | — | 1 |
| Ardrossan ... | 29.722 | 43 | 41 | S | 6 | 7 | SSE | 6 | c | 0.11 | 5 |
| Greencastle ... | 29.612 | 40 | 38 | S | 3 | 4 | S | 9 | ro | 0.10 | — |
| Holyhead ... | 29.822 | 42 | 40 | SSE | 3 | 6 | S | 5 | c | — | — |
| Liverpool ... | 29.872 | — | — | SE | 2 | 2 | SE | 5 | oc | — | 1 |
| Valencia ... | 29.487 | 46 | 45 | S | 7 | 7 | NNW | 9 | hr | 0.45 | 5 |
| Cape Clear ... | 29.602 | 45 | 44 | SW | 7 | 6 | NW | 9 | cr | 0.14 | 8 |
| Roche's Point | 29.662 | 45 | 43 | SW | 9 | 9 | SW | 9 | c/po | 0.12 | 7 |
| Pembroke ... | 29.842 | 44 | 42 | S | 6 | 7 | SW | 7 | c/pq | 0.06 | 4 |
| Penzance ... | 29.942 | 45 | 43 | SW | 4 | 6 | SW | 7 | c | 0.02 | 4 |
| Plymouth ... | 29.972 | 41 | 40 | SW | 2 | 5 | SW | 7 | c | 0.08 | 4 |
| Portsmouth ... | 30.022 | 41 | 40 | SW | 1 | 5 | SSW | 7 | oc | 0.02 | 1 |
| London ... | 30.032 | 40 | 39 | SW | 2 | 3 | S | 9 | rb | 0.03 | — |
| Helder ... | 30.06 | 38 | — | S | 4 | — | — | — | — | — | — |
| Cape Gris Nez | 30.082 | 37 | 37 | SSW | 5 | 5 | S | 4 | oc | 0.01 | 3 |
| Brest ... | 30.052 | 48 | 44 | SW | 4 | 5 | WSW | 5 | oc | — | 3 |
| L'Orient ... | | | | | | | | | | | |
| Rochefort ... | 30.242 | 37 | 37 | SW | 5 | 5 | SW | 9 | 2 | 0.06 | 1 |
| Biarritz ... | | | | | | | | | | | |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 30.352 | 41 | 39 | NE | 4 | 4 | SSE | 4 | oc | — | 6 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Tues. day

Barometrical pressure recovered rapidly from yesterday's depression, but during the night another decrease has set in on the south coast of Ireland, and readings though at present rather uniform are changing quickly. Pressure at Wick is now 0.4 in. lower than that at Rochefort.

Temperature is not much altered, except in the extreme north and east, where it has risen again. It is now uniformly rather high in our islands.

The wind after moderating yesterday has again increased to a gale in the south of Ireland, from the SW^W. On our other coasts moderate to fresh S^W winds are general.

The weather continues rainy in the south and west, and is very unsettled; though the sky is rather clear in the north and east. The sea is high at Roche's Pt.

Warnings were issued to all coasts, except the east of England yesterday.

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. |
|--------|---------------------------|--------|------|----|-------|---|----------|-----|--------|---------|-------|------|
| JAN:31 | Christianmnd | 30.01 | 28 | - | ESE | - | 0 | 2 | - | b | - | 4 |
| - | Sheddeness | 30.11 | 33 | 30 | ESE | 6 | 6 | ESE | - | o b | - | 7 |
| - | Oxö | 30.26 | 31 | - | ESE | 6 | 6 | NE | - | o | - | 4 |
| 6 | Helder | 30.00 | 31 | - | SSE | 4 | - | - | - | - | - | 2 |
| - | Comuna | 29.92 | 47 | - | SVV | 3 | - | - | - | c | - | 2 |
| - | Brussels | 30.00 | 39 | - | SE | 6 | - | - | - | b | - | - |
| - | Paris | 29.91 | 36 | - | SE | 6 | - | - | - | o | - | - |
| - | Strasbourg | ?30.34 | 19 | - | NE | 3 | - | - | - | b | - | - |
| - | Lyon | 30.12 | 41 | - | S | 3 | - | - | - | c | - | - |
| - | Heath's Cant ^e | 29.622 | 26 | - | NW | 7 | 7 | SSW | 6 | src | 0.41 | 6 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 2nd

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 | | | | | | | | — | | — | |
| * Skudesnaes ... | | | | | | | | — | | — | |
| * Oxo (Christiansund) | | | | | | | | — | | — | |
| Thurso ... | | | | | | | | | | | |
| Wick ... | 29.368 | 43 | 41 | SSE | 4 | 9 | SSE | 6 | oc | — | 6 |
| Nairn ... | 29.388 | 43 | 41 | SW | 2 | 6 | SSW | 6 | c | — | 1 |
| Aberdeen ... | 29.478 | 43 | 42 | S | 1 | 4 | S | 4 | c | 0.02 | 2 |
| Leith ... | 29.458 | 44 | 42 | SSE | 3 | 5 | SSE | 5 | c | — | — |
| Shields ... | — | 44 | 43 | SW | 4 | 7 | SW | 8 | ro | ? | 4 |
| Scarborough... | 29.608 | 42 | 42 | SSW | 6 | 7 | SSW | 9 | mo | 0.12 | 5 |
| Yarmouth ... | 29.828 | 41 | 41 | S | 5 | 5 | S | 6 | c | — | 4 |
| Ardrossan ... | 29.398 | 45 | 42 | SE | 4 | 8 | S | 8 | o | 0.21 | 4 |
| Greencastle ... | 29.258 | 45 | 44 | S | 2 | 5 | S | 6 | rc | 0.26 | — |
| Holyhead ... | 29.418 | 46 | 45 | S | 8 | 9 | SSE | 9 | o | 0.73 | — |
| Liverpool ... | 29.498 | — | — | SE | 2 | 3 | SE | 8 | o | 0.08 | 1 |
| Valencia ... | 29.298 | 45 | 44 | SW | 3 | 5 | SW | 5 | lc | 0.52 | 3 |
| Cape Clear ... | 29.308 | 44 | 43 | WSW | 4 | 6 | SW | 3 | cb | 0.16 | 3 |
| Roche's Point | 29.338 | 49 | 48 | WSW | 3 | 9 | SW | 3 | oc | 0.27 | 4 |
| Pembroke ... | 29.428 | 46 | 45 | S | 4 | 9 | S | 9 | o | 0.73 | 4 |
| Penzance ... | 29.468 | 48 | 48 | S | 3 | 9 | S | 8 | rm | 0.42 | 4 |
| Plymouth ... | 29.538 | 48 | 47 | S | 6 | 9 | SSW | 9 | r | 0.60 | 5 |
| Portsmouth ... | 29.718 | 44 | 43 | SW | 6 | 6 | SSW | 9 | or | 0.26 | 5 |
| London ... | 29.768 | 44 | 43 | SSW | 6 | 9 | SSW | 9 | cgr | 0.03 | — |
| Helder ... | 29.988 | 36 | — | S | 6 | — | — | — | — | — | 2 |
| Cape Gris Nez | 29.878 | 41 | 39 | SSE | 5 | 7 | SSE | 9 | o | — | 3 |
| Brest ... | 29.598 | 48 | 48 | SSW | 5 | 8 | SSW | 9 | r | 0.24 | 5 |
| L'Orient ... | 29.688 | 46 | 44 | SSW | 7 | 8 | SW | 9 | ro | 0.12 | 7 |
| Rochefort ... | 29.978 | 43 | 41 | S | 5 | 5 | S | 9 | o | — | 1 |
| Biarritz... | 29.998 | 52 | 45 | S | 5 | 4 | SW | 9 | mo | — | 6 |
| Corunna ... | | | | | | | | — | | — | |
| Brussels ... | | | | | | | | — | | — | — |
| Paris ... | | | | | | | | — | | — | — |
| Strasbourg ... | | | | | | | | — | | — | — |
| Lyons ... | | | | | | | | — | | — | — |
| Toulon... | 30.348 | 41 | 39 | NE | 4 | 4 | S | 7 | cf | — | 5 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Wednes- day

Barometrical readings are considerably lower at all stations than they were yesterday morning, but are now recovering in the south of Ireland and at Nairn. The decrease is greatest near the Irish Channel, and the reading at Greencastle is now 0.72 in. less than that at Rochefort.

Temperature has increased considerably except at Valencia and Cape Clear; and is high generally, especially at Biarritz.

It blew very hard from the S^{wd} in the English Channel last night, but the wind has since subsided and to-day moderate S^W (SW to SE) winds are prevalent at all stations.

A bright aurora was observed in the south of Ireland last night, and luminous clouds were visible in London at about 8 p.m. The weather is very unsettled and rainy; and the sea high at L'Orient — moderate elsewhere.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|---------------------|----------------|--------|-------|----|-------|---|----------|-----|--------|----------|-------|------|
| FEB 1 ST | L'Orient | 30.062 | 43 | 41 | W | 3 | 5 | W | 6 | c | 0.01 | 5 |
| — | Biarritz | 30.292 | 45 | 45 | SW | 5 | 7 | S | 8 | n | 0.12 | 6 |
| — | Borussels | 30.29 | 45 | — | SW | 3 | — | — | — | sc | — | — |
| — | Paris | 30.25 | 34 | — | S | 2 | — | — | — | sc | — | — |
| — | Straasbourg | 30.44 | 26 | — | NW | — | — | — | — | sc | — | — |
| — | Lyons | 30.32 | 42 | — | NW | 3 | — | — | — | sc | — | — |
| — | Hearts Content | 30.234 | 11 | — | SE | 1 | 7 | NW | 4 | bc | — | 2 |
| — | Correction | — | — | — | — | — | — | SSW | — | — | — | — |
| — | Nairn | — | — | — | — | — | — | — | — | — | — | — |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

THURSDAY

February 3rd

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 9) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|-----------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | | | | | | | | — | | — | |
| * Skudesnaes ... | | | | | | | | — | | — | |
| * Oxo (Christiansand) | | | | | | | | — | | — | |
| Thurso ... | | | | | | | | | | | |
| Wick ... | 29.545 | 38 | 37 | S | 3 | 3 | SSE | 4 | c | 0.04 | 3 |
| Nairn ... | 29.535 | 36 | 34 | SSW | 1 | 2 | SW | 6 | c | — | 1 |
| Aberdeen ... | 29.505 | 40 | 39 | Y | 0 | 3 | S | 9 | ro | 0.23 | 1 |
| Leith ... | | | | | | | | | | | |
| Shields ... | — | 44 | 43 | SVV | 2 | 2 | SW | 9 | o | 0.06 | 2 |
| Scarborough ... | 29.665 | 42 | 42 | S | 5 | 6 | SSW | 9 | or | 0.03 | 4 |
| Yarmouth ... | 29.775 | 41 | 40 | SE | 3 | 5 | SSE | 6 | c | — | 3 |
| Ardrossan ... | 29.605 | 41 | 40 | ESE | 1 | 1 | SW | 7 | cf | 0.08 | 1 |
| Greencastle ... | 29.555 | 37 | 36 | NW | 1 | 3 | S | 1 | cm | — | — |
| Holyhead ... | 29.615 | 42 | 42 | SSW | 2 | 8 | S | 8 | o | 0.30 | — |
| Liverpool ... | 29.635 | — | — | SSE | 2 | 2 | SE | 9 | or | 0.16 | 1 |
| Valencia ... | 29.515 | 47 | 46 | SSW | 2 | 3 | S | 8 | cbr | 0.18 | 6 |
| Cape Clear ... | 29.525 | 43 | 42 | SW | 1 | 2 | S | 3 | cb | 0.02 | 3 |
| Roche's Point | | | | | | | | | | | |
| Pembroke ... | 29.605 | 45 | 45 | S | 2 | 3 | SSE | 3 | of | 0.30 | 4 |
| Penzance ... | 29.625 | 44 | 44 | SSW | 4 | 4 | SW | 2 | rob | 0.41 | 4 |
| Plymouth ... | 29.665 | 44 | 43 | Y | 0 | 5 | SSW | 5 | rfe | 0.28 | 1 |
| Portsmouth ... | 29.695 | 45 | 44 | SW | 2 | 6 | S | 9 | om | 0.26 | 2 |
| London ... | 29.725 | 45 | 44 | SSW | 2 | 6 | SW | 9 | rom | 0.08 | — |
| Helder ... | 29.88 | 37 | — | SSE | 2 | — | — | — | — | — | 2 |
| Cape Gris Nez | 29.765 | 43 | 41 | S | 5 | 7 | SSW | 9 | mo | 0.01 | 3 |
| Brest ... | 29.645 | 46 | 44 | SE | 4 | 8 | SSW | 6 | ro | 0.22 | 4 |
| L'Orient ... | 29.635 | 43 | 41 | E | 1 | 7 | SSW | 6 | re | 0.11 | 7 |
| Rochefort ... | 29.785 | 43 | 41 | S | 5 | 8 | S | 9 | or | 0.07 | 1 |
| Biarritz ... | 29.815 | 46 | 46 | W | 5 | 5 | S | 9 | r | 0.08 | 7 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 30.085 | 43 | 43 | SE | 4 | 5 | SSE | 9 | ro | 0.10 | 5 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Thurs- day

The increase of pressure noticed in the west yesterday has extended everywhere except to the south-east coasts, where, however, readings continue highest. The change on our western coasts amounts to about 0.2 in. and pressure is now almost uniform — the difference between Yarmouth and Naïm being only 0.1 in.

Temperature has scarcely changed and the weather is very mild. The S^W winds still prevail everywhere but have fallen very light this morning.

Rain has been general, but heaviest in the south-west, and cloudy, damp weather continues this morning with fog in some places. The sea is moderate.

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 |
|-----------------|-----------------|------------------------------|-------|----|-------|---|----------|-----|--------|---------|-------|-----|
| FEB 3 | | | | | | | | | | | | |
| 2 nd | Christianund | 29.76 | 35 | 31 | ESE | 6 | 6 | SSE | — | b | — | 4 |
| — | Skudesnaes | 29.86 | 38 | 35 | ESE | 8 | 6 | ESE | — | b | — | 7 |
| 5 | Oxö | 30.06 | 30 | — | ENE | 6 | 6 | ENE | — | so | — | 4 |
| — | Brussels | 30.03 | 44 | — | SE | 3 | — | — | — | c | — | — |
| — | Paris | 30.02 | 36 | — | SSE | 2 | — | — | — | b | — | — |
| — | Strasbourg | 29.96 | 38 | — | E | 3 | — | — | — | b | — | — |
| — | Lyons | 30.04 | 44 | — | S | 3 | — | — | — | b | — | — |
| — | Heart's Content | 29.14f | 26 | — | W | 8 | 10 | W | 3 | sc | 0.10 | 8 |
| — | Correction. | | | | | | | | | | | |
| — | Valencia | Sea disturbance should be 8. | | | | | | | | | | |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 4th

Fri - day

| 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 ... | | | | | | | | | | | |
| Wick ... | 29.532 | 41 | 40 | SSE | 5 | 3 | SSE | 8 | c o | — | 4 |
| Nairn ... | | | | | | | | | | | |
| Aberdeen ... | 29.635 | 40 | 39 | S | 1 | 2 | S | 9 | o | 0.04 | 1 |
| Leith ... | 29.608 | 40 | 38 | SE | 3 | 2 | S | 2 | o b | 0.02 | — |
| Shields ... | — | 41 | 39 | SW | 3 | 2 | SW | 8 | om | ? | 2 |
| Scarborough ... | 29.718 | 39 | 38 | SW | 2 | 4 | SW | 3 | m o c | 0.01 | 3 |
| Yarmouth ... | 29.808 | 41 | 40 | SSE | 2 | 4 | SSW | 4 | c | — | 2 |
| Ardrossan ... | 29.538 | 43 | 41 | SE | 5 | 2 | SSW | 6 | c | 0.04 | 4 |
| Greencastle ... | 29.358 | 45 | 44 | SSE | 3 | 2 | SW | 9 | c o | — | — |
| Holyhead ... | 29.488 | 45 | 43 | SSE | 6 | 3 | SSW | 8 | c o | 0.06 | — |
| Liverpool ... | 29.545 | — | — | SE | 6 | 4 | SE | 6 | c | — | 4 |
| Valencia ... | 29.268 | 46 | 44 | W | 3 | 3 | SSW | 4 | z c | 0.15 | 3 |
| Cape Clear ... | 29.258 | 45 | 44 | WSW | 4 | 3 | S | 5 | e f | 0.11 | 2 |
| Roche's Point | 29.298 | 46 | 45 | SSW | 8 | 8 | SSW | 9 | c p o | 0.05 | 5 |
| Pembroke ... | 29.428 | 46 | 45 | SE | 6 | 6 | SE | 9 | f o | — | 4 |
| Penzance ... | 29.448 | 48 | 47 | S | 6 | 6 | S | 9 | c m | 0.03 | 5 |
| Plymouth ... | 29.498 | 48 | 46 | SW | 7 | 4 | SW | 9 | c p g | 0.07 | 4 |
| Portsmouth ... | 29.698 | 43 | 42 | S | 1 | 2 | SW | 5 | o c | — | 1 |
| London ... | 29.748 | 44 | 43 | S | 2 | 4 | SSW | 7 | o z c | 0.01 | — |
| Helder ... | 29.89 | 39 | — | SSE | 2 | — | — | — | — | — | 2 |
| Cape Gris Nez | 29.798 | 43 | 43 | S | 3 | 5 | S | 9 | o | — | 1 |
| Brest ... | 29.498 | 48 | 46 | SSE | 5 | 5 | SSE | 9 | o | 0.02 | 4 |
| L'Orient ... | 29.548 | 46 | 46 | SSW | 5 | 5 | S | 8 | b c | 0.03 | 6 |
| Rochefort ... | 29.788 | 41 | 39 | S | 5 | 5 | S | 0 | b | — | 1 |
| Biarritz ... | 29.788 | 45 | 41 | S | 5 | 3 | SW | 5 | z c | 0.04 | 7 |
| Corunna ... | | | | | | | | — | | — | — |
| Brussels ... | | | | | | | | — | | — | — |
| Paris ... | | | | | | | | — | | — | — |
| Strasbourg ... | | | | | | | | — | | — | — |
| Lyons ... | | | | | | | | — | | — | — |
| Toulon ... | 29.988 | 46 | 44 | SSE | 5 | 7 | SSE | 9 | z | 0.28 | 7 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Fri- day

Pressure remained little altered till last evening; but during the night a decrease has taken place on our western coasts, amounting to a quarter of an inch in Ireland, and slightly influencing our eastern readings this morning. The lowest pressure is at Cape Clear, where it is 0.4 in. less than that at Helder.

Temperature has risen in the Irish Channel and the north-west of France.

The wind has freshened at the western stations, and is now SE^{ly} in the north, and S^{ly} in the south — blowing a gale at Roche's Pt.

A little rain has fallen generally. The sky is overcast and the weather unsettled. The sea is generally moderate, but high in the extreme south.

Warnings issued to the west coasts this morning.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|-----------------|-----------------|--------|-------|----|-------|---|----------|---|--------|----------|-------|------|
| FEBY | | | | | | | | | | | | |
| 3 rd | Skudesnaes | 29.88 | 38 | 37 | SE | 6 | — | — | — | o | — | 7 |
| — | Corunna | 29.78 | 47 | — | NE | 3 | — | — | — | c | — | 8 |
| — | Brussels | 29.86 | 46 | — | SE | 4 | — | — | — | o | — | — |
| 7 | Paris | 29.87 | 42 | — | S | 2 | — | — | — | o | — | — |
| — | Strasbourg | 30.21 | 28 | — | E | 3 | — | — | — | f | — | — |
| — | Lyons | 30.00 | 45 | — | S | 3 | — | — | — | c | — | — |
| — | Heant's Content | 30.21+ | 12 | — | NW | 5 | 8 | W | 2 | cb | — | 5 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 5th

Saturday

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 9.) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|------------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 29.90 | — | — | ESE | 4 | 6 | ESE | — | o | — | 4 |
| * Skudesnaes ... | 29.97 | 36 | 32 | PS | 8 | — | — | — | o | — | 4 |
| * Oxo (Christiansand) | 30.21 | 30 | — | E | 8 | 8 | ESE | — | so | — | — |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | | | | | | | | | | | |
| Aberdeen ... | 29.62+ | 42 | 41 | SSW | 1 | 3 | SSW | 9 | o | 0.02 | 1 |
| Leith ... | | | | | | | | | | | — |
| Shields ... | — | 43 | 42 | SSW | 2 | 2 | SW | 5 | cm | — | 2 |
| Scarborough ... | 29.70+ | 41 | 41 | S | 3 | 4 | S | 9 | or | 0.06 | 4 |
| Yarmouth ... | | | | | | | | | | | |
| Ardrossan ... | 29.59+ | 44 | 42 | SSE | 4 | 4 | SE | 7 | c | 0.25 | 4 |
| Greencastle ... | 29.54+ | 40 | 39 | SSW | 1 | 5 | S | 9 | o | — | — |
| Holyhead ... | 29.61+ | 43 | 42 | S | 3 | 6 | SSE | 8 | co | 0.12 | — |
| Liverpool ... | 29.64+ | — | — | SE | 3 | 4 | SE | 5 | oc | — | 2 |
| Valencia ... | 29.66+ | 41 | 38 | YNW | 4 | 4 | NW | 5 | sc | 0.38 | 5 |
| Cape Clear ... | 29.63+ | 41 | 38 | NW | 3 | 2 | NW | 4 | e | 0.10 | 2 |
| Roche's Point | 29.64+ | 38 | 36 | NW | 3 | 8 | SSW | 2 | cb | 0.04 | 3 |
| Pembroke ... | | | | | | | | | | | |
| Penzance ... | 29.67+ | 42 | 41 | VV | 3 | 7 | S | 6 | zc | 0.17 | 2 |
| Plymouth ... | — | 42 | 40 | Z | 0 | 6 | S | 7 | fc | 0.51 | 3 |
| Portsmouth ... | 29.69+ | 44 | 43 | SSW | 1 | 5 | S | 5 | cm | 0.05 | 1 |
| London ... | 29.71+ | 44 | 43 | SSW | 2 | 7 | S | 9 | cbz | 0.10 | — |
| Helder ... | 29.88 | 36 | — | SE | 3 | — | — | — | — | — | 2 |
| Cape Gris Nez | 29.74+ | 37 | 37 | S | 4 | 4 | SSW | 5 | o | 0.01 | 3 |
| Brest ... | 29.71+ | 46 | 42 | W | 4 | 4 | WSW | 8 | o | 0.09 | 3 |
| L'Orient ... | 29.78+ | 43 | 41 | W | 3 | 4 | SSW | 9 | o | 0.11 | 4 |
| Rochefort ... | 29.83+ | 43 | 41 | S | 5 | 5 | S | 9 | r | 0.03 | 1 |
| Biarritz ... | 29.97+ | 46 | 44 | SW | 11 | 5 | S | 9 | mt | 0.04 | 6 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 29.90+ | 41 | 41 | ENE | 4 | 7 | SSE | 8 | to | 0.10 | 5 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

REMARKS.

Satur. day

Barometrical pressure has recovered considerably in the west, and is now generally uniform though rather lowest in the north-west.

Temperature has fallen in Ireland and the west of England but risen slightly in the north-east.

The winds are light, and have veered to NW at western stations but are still S^W to the eastward. In Norway it is blowing hard from SE, and a local SW gale is reported from Biarritz.

Rain has been general in our Islands, and the sky is now cloudy except in the west, and the weather unsettled. The sea has gone down.

Drums lowered this morning.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather | Rain. | Sea. |
|-----------------|-----------------|--------|-------|----|-------|---|----------|-----|--------|---------|-------|------|
| FEBY | | | | | | | | | | | | |
| 4 th | Christiansund | 29.77 | 42 | 36 | ESE | 6 | 6 | SSE | 5 | so | — | 5 |
| — | Kudernaes | 29.92 | 36 | 34 | ESE | 6 | 8 | SE | — | ot | — | 4 |
| 5 | Oxö | 30.04 | 30 | — | ESE | 8 | 8 | ESE | — | os | — | 5 |
| — | Narvik | 29.52f | 41 | 38 | SSW | 1 | 0 | Z | 2 | cb | — | 1 |
| — | Corunna | 29.78 | 49 | — | SW | 3 | — | — | — | c | — | 4 |
| — | Brunels | 29.88 | 48 | — | SE | 4 | — | — | — | c | — | — |
| — | Paris | 29.86 | 42 | — | SE | 1 | — | — | — | o | — | — |
| — | Strasbourg | 30.19 | 26 | — | NE | 3 | — | — | — | b | — | — |
| — | Lyon | 30.00 | 42 | — | NE | 3 | — | — | — | b | — | — |
| — | Heart's Content | 30.10f | — | — | N | 3 | 5 | NW | 2 | b | — | 3 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

S22.72-day

February 6th

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 9.) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|------------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| *Christiansund | 30.16 | 39 | 32 | SSE | 6 | 4 | SSE | — | oc | — | 4 |
| *Skudesnaes ... | 30.33 | 36 | 32 | ESE | 8 | 8 | ESE | — | oc | — | 7 |
| *Oxo (Christiansund) | 30.56 | 24 | — | E | 8 | 8 | ESE | — | co | — | 6 |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 29.59 f | 40 | 37 | S | 4 | 1 | SE | 7 | lco | — | 2 |
| Aberdeen ... | — | 42 | 41 | SSE | 6 | 1 | SSW | 9 | o | — | 7 |
| Leith ... | 29.73 f | 40 | 36 | SE | 2 | 2 | SW | 5 | c | — | — |
| Shields ... | — | 38 | 37 | SW | 4 | 2 | SW | 2 | c | — | 2 |
| Scarborough ... | 29.95 r | 38 | 38 | S | 4 | 3 | SSW | 9 | ro | 0.09 | 4 |
| Yarmouth ... | 30.10 r | 41 | 41 | SSE | 2 | 4 | S | 8 | f | — | 4 |
| Ardrossan ... | 29.61 f | 41 | 39 | SE | 7 | 8 | S | 8 | cr | 0.01 | 5 |
| Greencastle ... | 29.28 f | 48 | 46 | S | 7 | 8 | S | 9 | bo | — | — |
| Holyhead ... | 29.65 f | 44 | 43 | SSE | 8 | 3 | SSW | 9 | or | 0.43 | — |
| Liverpool ... | | | | | | | | | | | |
| Valencia ... | | | | | | | | | | | |
| Cape Clear ... | 29.26 f | 48 | 47 | SW | 6 | 8 | SSW | 9 | r | 0.78 | 6 |
| Roche's Point | 29.32 f | 47 | 47 | SSW | 9 | 9 | SSW | 9 | or | 0.82 | 6 |
| Pembroke ... | 29.62 f | 47 | 46 | SE | 7 | 7 | SE | 9 | cr | 0.09 | 4 |
| Penzance ... | 29.68 f | 49 | 49 | SSE | 7 | 7 | SSE | 9 | r | 0.19 | 7 |
| Plymouth ... | — | 48 | 47 | SSE | 7 | 7 | SSE | 9 | cr | 0.22 | 4 |
| Portsmouth ... | 29.97 r | 43 | 41 | S | 2 | 1 | SSW | 8 | co | 0.02 | 1 |
| London ... | 30.02 r | 42 | 41 | SSW | 3 | 6 | SSE | 6 | rhc | 0.07 | — |
| Helder ... | | | | | | | | | | | |
| Cape Gris Nez | 30.08 r | 39 | 37 | SSW | 4 | 4 | SW | 2 | oc | — | 2 |
| Brest ... | | | | | | | | | | | |
| L'Orient ... | 29.89 - | 48 | 48 | SSW | 5 | 5 | NW | 8 | co | — | 4 |
| Roche fort ... | | | | | | | | | | | |
| Biarritz ... | 30.08 f | 45 | 45 | WSW | 3 | 7 | WSW | 7 | rf | 0.28 | 7 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | 30.15 | 42 | — | ESE | 4 | — | — | — | b | — | — |
| Paris ... | 30.18 | 34 | — | S | 2 | — | — | — | of | — | — |
| Strasbourg ... | 30.39 | 22 | — | N | 3 | — | — | — | b | — | — |
| Lyons ... | 30.24 | 43 | — | N | 3 | — | — | — | f | — | — |
| Toulon ... | 30.15 r | 45 | 44 | NE | 3 | 4 | N | 4 | rc | 0.22 | 3 |
| Heart's Content (9 a.m. local time.) | 30.15 r | 18 | — | VVVV | 1 | 4 | N | 4 | bc | — | 2 |

2 P.M. REPORT.

| | | | | | | | | | | | |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|
| Skudesnaes ... | | | | | | | | | | | |
| Nairn ... | | | | | | | | | | | |
| Scarborough ... | | | | | | | | | | | |
| Greencastle ... | | | | | | | | | | | |
| Valencia .. | | | | | | | | | | | |
| Penzance ... | | | | | | | | | | | |
| London ... | | | | | | | | | | | |
| Roche fort ... | | | | | | | | | | | |

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

Sea
Disturb
(0 to 9.)

4
7
6

2
7

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4

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tion of
during
—misty
ow or
day.

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 7th

Mon. day

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 9.) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|------------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| *Christiansund | | | | | | | | — | | — | |
| *Skudesnaes ... | | | | | | | | — | | — | |
| *Oxo (Christiansand) | | | | | | | | — | | — | |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 29.552 | 37 | 36 | NE | 1 | 7 | S | 4 | 0 c | 0.12 | 5 |
| Aberdeen ... | | | | | | | | | | | |
| Leith ... | | | | | | | | | | | |
| Shields ... | — | 43 | 43 | SSW | 2 | 7 | SE | 8 | 20 | ? | 6 |
| Scarborough ... | 29.71 f | 40 | 40 | SSE | 8 | 8 | SSE | 9 | 0 2 | 0.47 | 5 |
| Yarmouth ... | 29.83 f | 39 | 39 | SE | 3 | 5 | ESE | 6 | 2 2 | 0.21 | 5 |
| Ardrossan ... | 29.612 | 42 | 40 | SE | 2 | 8 | SSW | 4 | 2 c | 0.54 | 2 |
| Greencastle ... | 29.552 | 39 | 38 | Z | 0 | 8 | S | 1 | 2 6 | 0.12 | — |
| Holyhead ... | 29.542 | 42 | 41 | SE | 2 | 9 | SSE | 8 | 20 | 0.45 | — |
| Liverpool ... | 29.57 | — | — | SE | 3 | 5 | SE | 9 | 0 | 0.11 | 2 |
| Valencia ... | 29.542 | 44 | 42 | E | 3 | 4 | S | 7 | 2 c | 0.29 | 3 |
| Cape Clear ... | 29.522 | 45 | 43 | SE | 4 | 7 | WSW | 8 | 0 | 0.21 | 6 |
| Roche's Point | 29.492 | 44 | 43 | SE | 5 | 9 | SSW | 9 | 9 p 0 | 0.32 | 5 |
| Pembroke ... | 29.44 f | 44 | 43 | E | 4 | 8 | S | 9 | 2 m | 0.55 | 4 |
| Penzance ... | 29.56 f | 44 | 39 | NNE | 4 | 7 | SSE | 6 | 2 c | 1.01 | 4 |
| Plymouth ... | 29.46 f | 47 | 46 | S | 3 | 8 | S | 9 | 2 | 1.34 | 5 |
| Portsmouth ... | 29.62 f | 42 | 42 | SSE | 5 | 6 | S | 9 | 2 | 0.74 | 4 |
| London ... | 29.72 f | 42 | 41 | S | 2 | 7 | S | 9 | 0 2 | 0.31 | — |
| Helder ... | 30.30 | 30 | — | E | 6 | — | — | — | — | — | 4 |
| Cape Gris Nez | 29.45 f | 39 | 39 | S | 4 | 5 | S | 9 | 20 | 0.02 | 3 |
| Brest ... | 29.44 f | 46 | 44 | SSW | 4 | 9 | S | 9 | 20 | 0.23 | 5 |
| L'Orient ... | 29.46 f | 48 | 46 | SW | 5 | 5 | SSW | 9 | 0 2 | 0.18 | 5 |
| Rochefort ... | 29.76 f | 41 | 41 | S | 5 | 5 | S | 9 | 2 | 0.03 | 1 |
| Biarritz ... | 29.852 | 52 | 52 | SW | 7 | 3 | SE | 9 | 2 2 | — | 6 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 30.08 f | 45 | 43 | NE | 5 | 3 2 | NE | 8 | 2 0 | — | — |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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the

Sea
Disturb
(0 to 2)

10

10

5

—

5.

21

2

6

5

Ref

EIGHT A.M.

WEATHER REPORT. 1870. *February 8th**Tues-day*

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 9.) |
|---|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|---------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | | | | | | | | — | | — | |
| * Skudesnaes ... | | | | | | | | — | | — | |
| * Oxo (Christiansund) | | | | | | | | — | | — | |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 29.685 | 37 | 35 | SE | 6 | 8 | S | 6 | c | — | 4 |
| Aberdeen ... | 29.912 | 35 | 34 | SE | 7 | 9 | SE | 9 | og 5 | 0.33 | 8 |
| Leith ... | | | | | | | | | | | — |
| Shields ... | — | 35 | 35 | SE | 6 | 7 | SE | 8 | rh | ? | 9 |
| Scarborough ... | 29.69 f | 36 | 35 | SSE | 10 | 10 | SSE | 9 | ro | 0.27 | 6 |
| Yarmouth ... | 29.74 f | 33 | 33 | ESE | 8 | 8 | SE | 6 | c | 0.13 | 6 |
| Ardrossan ... | 29.572 | 39 | 37 | ESE | 4 | 7 | ESE | 7 | gc | 0.09 | 3 |
| Greencastle ... | 29.452 | 43 | 42 | ESE | 3 | 5 | SE | 9 | 20 | 0.12 | — |
| Holyhead ... | 29.415 | 42 | 40 | ESE | 3 | 2 | ESE | 9 | oc | 0.22 | — |
| Liverpool ... | 29.48 f | — | — | SE | 6 | 4 | SE | 9 | o | 0.08 | 4 |
| Valencia ... | | | | | | | | | | | |
| Cape Clear ... | 29.335 | 42 | 41 | NW | 4 | 3 | NE | 6 | rc | 0.80 | 3 |
| Roche's Point | | | | | | | | | | | |
| Pembroke ... | 29.31 f | 42 | 41 | ESE | 4 | 6 | SE | 9 | fp | 0.10 | 4 |
| Penzance ... | 29.415 | 43 | 42 | WSW | 4 | 5 | SW | 5 | c | 0.29 | 4 |
| Plymouth ... | 29.525 | 44 | 42 | W | 2 | 4 | SSW | 7 | c | 0.12 | 3 |
| Portsmouth ... | 29.49 f | 43 | 42 | S | 4 | 6 | S | 5 | oc | 0.35 | 3 |
| London ... | 29.57 f | 44 | 43 | S | 2 | 5 | SSW | 9 | 20 | 0.06 | — |
| Helder ... | 29.93 | 41 | — | S | 7 | — | — | — | — | — | 5 |
| Cape Gris Nez | 29.665 | 37 | 37 | S | 4 | 5 | SE | 9 | m | 0.01 | 2 |
| Brest ... | | | | | | | | | | | |
| L'Orient ... | 29.512 | 45 | 43 | W | 8 | 7 | W | 7 | 2c | 0.05 | 7 |
| Rochefort ... | 29.76 f | 45 | 43 | W | 7 | 7 | W | 9 | 2 | 0.08 | 2 |
| Biarritz ... | | | | | | | | | | | |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | | | | | | | | | | | |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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REMARKS.

Tues-day

Barometrical readings are still very unsteady. An area of low pressure exists in the Irish Sea, round which the winds are circulating; and the reading at Pembroke is 0.62 in. less than that at Helder. None of the Norwegian reports have arrived, and very few of the Irish, Scotch, and French (11.30 a.m.).

Temperature has fallen considerably on our east coast.

It is blowing a SE gale along our eastern coasts this morning; moderate SE winds are prevalent in St. George's Channel; a NW breeze at Cape Clear; moderate SW to S winds in the Irish Channel, and a W gale in the Bay of Biscay.

The weather is very unsettled; with hail and snow on the North Sea, rain elsewhere. The sea is very high on the eastern coast, moderate in the west and south.

All our coasts were cautioned yesterday.

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. | | | |
|----------------------|---------------------------|--------|-------|-------|----------|--------|---------|-------|------|-----|------|---|
| FEB. 5 TH | Wick | 29.502 | 42 | 41 | SSE | 5 | 6 | SSE | 6 | c | - | 4 |
| " | Nairn | 29.512 | 39 | 38 | SSE | 1 | 1 | SSE | 2 | obm | - | 5 |
| " | Leith | 29.602 | 42 | 40 | ESE | 2 | 2 | SE | 5 | c | - | 2 |
| " | Pembroke | 29.592 | 43 | 42 | SSW | 4 | 7 | SE | 6 | ocp | 0.06 | 3 |
| " | Comuna | 30.13 | 46 | - | NW | 3 | - | - | - | o | - | - |
| " | Brussels | 29.85 | 47 | - | ESE | 3 | - | - | - | c | - | - |
| " | Paris | 29.96 | 42 | - | S | 2 | - | - | - | o | - | - |
| " | Strasbourg | 30.15 | 23 | - | N | 1 | - | - | - | c | - | - |
| " | Lyon | 29.92 | 41 | - | E | 3 | - | - | - | 2 | - | - |
| " | Heart's Cast ^E | 29.972 | 12 | - | NW | 4 | 7 | WSW | 2 | 6 | - | 5 |
| 6 TH | Wick | 29.612 | 43 | 42 | SSE | 10 | 9 | SSE | 8 | co | - | 7 |
| " | Liverpool | | | | | | | | | | | |
| " | Valencia | 29.448 | 2 | 9 | S | 14 | 7 | SW | 8 | 2 | 0.13 | 6 |
| " | Brest | 29.838 | 50 | 48 | S | 5 | 5 | S | 9 | f | - | 4 |
| " | Rocheport. | 30.122 | 41 | 41 | W | 5 | 5 | W | 9 | 2 | 0.02 | 1 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

February 9th

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 | 30.28 | 32 | — | — | 4 | 4 | SSE | — | b-o | — | 4 |
| * Skudesnaes ... | 30.32 | 23 | — | NE | 2 | 6 | SSE | — | b-o | — | 3 |
| * Oxo (Christiansand) | 30.28 | 22 | — | N | 4 | 6 | SSE | — | o | — | 2 |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 30.112 | 32 | — | ESE | 3 | 6 | SE | 5 | c | — | 2 |
| Aberdeen ... | — | 33 | 30 | SE | 3 | 8 | SE | 7 | o-c | 0.04 | 7 |
| Leith ... | 30.062 | 32 | — | ESE | 5 | 7 | SE | 2 | o-b | — | — |
| Shields ... | — | 33 | 33 | SE | 5 | 5 | SE | 2 | sc | ? | 9 |
| Scarborough ... | 30.002 | 32 | — | SE | 7 | 10 | SE | 4 | o-c | 0.02 | 5 |
| Yarmouth ... | 29.912 | 28 | — | E | 8 | 10 | SE | 2 | o-b | 0.09 | 6 |
| Ardrossan ... | | | | | | | | | | | |
| Greenacastle ... | | | | | | | | | | | |
| Holyhead ... | 29.722 | 33 | 31 | ESE | 8 | 4 | ESE | 7 | c | — | — |
| Liverpool ... | | | | | | | | | | | |
| Valencia ... | 29.682 | 41 | 40 | NNE | 5 | 4 | NNW | 7 | scp | 0.25 | 4 |
| Cape Clear ... | 29.642 | 39 | 37 | NE | 2 | 4 | NW | 6 | c | 0.02 | 1 |
| Roche's Point | 29.612 | 40 | 39 | N | 4 | 4 | W | 9 | c-p-o | 0.03 | 3 |
| Pembroke ... | 29.612 | 39 | 38 | ESE | 6 | 6 | E | 9 | ct | 0.42 | 4 |
| Penzance ... | 29.612 | 42 | 42 | W | 2 | 2 | W | 6 | nc | 0.37 | 2 |
| Plymouth ... | 29.702 | 40 | 39 | Z | 0 | 3 | WNW | 7 | c | 0.14 | 3 |
| Portsmouth ... | 29.732 | 34 | 33 | E | 3 | 4 | S | 9 | os | 0.06 | 3 |
| London ... | 29.802 | 31 | — | E | 3 | 6 | SE | 9 | rso | 0.27 | — |
| Helder ... | 30.00 | 214 | — | E | 7 | — | — | — | — | — | 4 |
| Cape Gris Nez | 29.762 | 27 | — | E | 5 | 5 | SE | 9 | o | — | 3 |
| Brest ... | 29.662 | 43 | 43 | W | 4 | 4 | WNW | 7 | o | — | 4 |
| L'Orient ... | | | | | | | | | | | |
| Rochefort ... | | | | | | | | | | | |
| Biarritz ... | | | | | | | | | | | |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 29.522 | 36 | 34 | E | 8 | 3 | W | 8 | co | — | 6 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

| | | | | | | | | | | | |
|------------------|--|--|--|--|--|--|--|--|--|--|--|
| Skudesnaes ... | | | | | | | | | | | |
| Nairn ... | | | | | | | | | | | |
| Scarborough ... | | | | | | | | | | | |
| Greenacastle ... | | | | | | | | | | | |
| Valencia .. | | | | | | | | | | | |
| Penzance ... | | | | | | | | | | | |
| London ... | | | | | | | | | | | |
| Rochefort ... | | | | | | | | | | | |

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

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

REMARKS.

Wednesday

Since yesterday pressure has increased everywhere, but especially in the north where there is a change of four tenths. The local depression, however, still exists off the Bristol Channel, and the readings there are 0.5 in. below that at Naion.

Temperature has fallen 13° in London, and it is much colder in the south east generally, but there is not much change elsewhere.

The winds have backed to E on our south-eastern coasts and continue very strong there and at Holyhead, but they have gone down in the north. In Ireland they are moderate from N.

Snow has fallen in places and there has been a good deal of rain in the west. The sky continues cloudy. The sea is very high on the east coast, but moderate elsewhere.

Warnings repeated except to north coast.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|---------------------|-----------------|--------|-------|----|-------|----|----------|-----|--------|----------|-------|------|
| FEB 7 th | Christiansund | 30.16 | 33 | 29 | SE | 10 | 6 | SE | — | b | — | 4 |
| — | Skudesnaes | 30.25 | 31 | — | ESE | 8 | 10 | ESE | — | cb | — | 7 |
| — | Orø | 30.49 | 27 | — | ESE | 10 | 6 | ESE | — | b | — | 7 |
| — | Wick | 29.56+ | 42 | 41 | SSE | 4 | 10 | SSE | 5 | oc | 0.24 | 5 |
| — | Aberdeen | — | 42 | 41 | SSE | 3 | 9 | SSE | 9 | to | 0.68 | 8 |
| — | Leith | 29.63+ | 40 | 39 | S | 2 | 6 | S | 8 | om | 0.03 | — |
| — | Corunna | 29.90 | 50 | — | SW | 6 | — | — | — | m | — | 8 |
| — | Paris | 29.82 | 38 | — | SSW | 2 | — | — | — | o | — | — |
| — | Heart's Content | 30.08+ | 19 | — | SE | 1 | 2 | NNW | 8 | bo | — | 2 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Thursday

February 10th

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 9) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|--------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | | | | | | | | — | — | — | — |
| * Skudesnaes ... | | | | | | | | — | — | — | — |
| * Oxo (Christiansund) | | | | | | | | — | — | — | — |
| Thurso ... | 30.357 | 35 | 32 | SSE | 1 | 3 | SE | 2 | cc | — | 0 |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 30.387 | 25 | — | SW | 1 | 4 | SSE | 1 | b | — | 1 |
| Aberdeen ... | | | | | | | | | | | |
| Leith ... | 30.317 | 25 | — | S | 1 | 5 | SE | 1 | cb | — | — |
| Shields ... | — | 33 | 29 | E | 2 | 2 | E | 7 | om | — | 6 |
| Scarborough ... | 30.247 | 32 | — | E | 4 | 7 | ESE | 9 | co | — | 4 |
| Yarmouth ... | 30.187 | 28 | — | ENE | 7 | 9 | E | 2 | cb | — | 6 |
| Ardrossan ... | 30.337 | 29 | — | ENE | 3 | 5 | E | 1 | b | — | 2 |
| Greencastle ... | 30.287 | 33 | 30 | ESE | 3 | 5 | E | 1 | b | — | — |
| Holyhead ... | 30.217 | 29 | — | E | 4 | 9 | E | 5 | c | — | — |
| Liverpool ... | 30.217 | — | — | NE | 2 | 3 | NNE | 5 | o | — | 1 |
| Valencia ... | 30.007 | 35 | 32 | E | 5 | 5 | NNE | 2 | cb | — | 3 |
| Cape Clear ... | 29.997 | 38 | 34 | ESE | 7 | 8 | ESE | 7 | oc | — | 4 |
| Roche's Point | 30.057 | 34 | 31 | ESE | 6 | 6 | ESE | 6 | oc | 0.08 | 4 |
| Pembroke ... | 30.077 | 26 | — | E | 5 | 6 | E | 2 | cb | — | 3 |
| Penzance ... | 30.017 | | | NNE | 3 | 5 | ESE | 7 | c | 0.17 | 3 |
| Plymouth ... | 30.097 | 28 | — | E | 5 | 7 | NE | 7 | c | 0.20 | 3 |
| Portsmouth ... | 30.047 | 25 | — | NE | 5 | 6 | E | 3 | oc | 0.01 | 4 |
| London ... | 30.117 | 25 | — | NE | 4 | 6 | ESE | 1 | cb | — | — |
| Helder ... | 30.20 | 46 | — | ENE | 6 | — | — | — | — | — | 4 |
| Cape Gris Nez | 29.977 | 19 | — | E | 4 | 5 | E | 2 | c | — | 2 |
| Brest ... | 29.827 | 34 | 30 | ENE | 4 | 4 | SSW | 7 | o | 0.02 | 3 |
| L'Orient ... | 29.767 | 34 | 32 | ENE | 7 | 7 | ENE | 9 | co | — | 2 |
| Rochefort ... | 29.777 | 37 | 35 | NE | 4 | 4 | NE | 9 | z | 0.08 | 1 |
| Biarritz ... | | | | | | | | | | | |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 29.807 | 37 | 32 | NNW | 4 | 8 | NE | 1 | cb | — | 5 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Thursday

Atmospherical pressure has again increased at all stations especially at those in the Irish Channel, and readings are rather high in our Islands but lower in France. Pressure at Nairn exceeds by 0.62 in. that at L'Orient.

The fall in temperature which had commenced on the southern coasts yesterday has continued and extended northwards, and the weather is now cold on all coasts - especially in the north and east.

The wind freshened yesterday afternoon from E in the Channel and in Ireland; and to-day moderate to strong E^{ly} winds are reported from all our stations, except in Scotland, where there is a slight S^{ly} breeze.

The sky is rather cloudy, and a little rain has fallen on the south coast. The sea is rough on the east coast.

N. B. The first of a series of reports from Thurso appear to-day; the reports will be continued daily.

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. | |
|---------------------|-----------------|--------|-------|----|-------|----|----------|-----|--------|----------|-------|---|
| FEB 8 th | Christiansund | 30.35 | 31 | - | ESE | 6 | 6 | SE | - | cb | - | 4 |
| --- | Audernaes | 30.37 | 27 | - | ESE | 8 | 8 | ESE | - | c | - | 7 |
| --- | Oxö | 30.47 | 28 | - | E | 8 | 10 | ESE | - | c | - | 7 |
| --- | Wick | 29.74+ | 38 | 36 | SE | 10 | 10 | SSE | 8 | o | 0.05 | 8 |
| --- | Leith | 29.59f | 37 | 37 | WSW | - | 7 | S | - | - | 0.07 | - |
| --- | Valencia | 29.35+ | 44 | 43 | N | 6 | 7 | NE | 8 | ro | 0.30 | 5 |
| --- | Roche's Pt. | 29.31+ | 40 | 38 | W | 4 | 5 | E | 6 | ro | 0.39 | 3 |
| --- | Bravitz | 29.88f | 50 | 50 | W | 5 | 5 | SW | 4 | ro | 0.08 | 7 |
| --- | Corunna | 29.80 | 50 | - | SW | 3 | - | - | - | o | - | 8 |
| --- | Brussels | 29.79 | 31 | - | NE | 3 | - | - | - | sc | - | - |
| --- | Paris | 29.69 | 41 | - | SSW | 2 | - | - | - | ot | - | - |
| --- | Strasbourg | 30.04 | 21 | - | N | 6 | - | - | - | s | - | - |
| --- | Lyons | 29.08 | 46 | - | S | 1 | - | - | - | o | - | - |
| --- | Toulon | 29.90f | 37 | 35 | S | 1 | 7 | E | 8 | ro | 0.12 | 4 |
| --- | Heart's Content | 29.85f | 15 | - | NNE | 4 | 4 | NNE | 9 | spo | - | 3 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 11

Fri. day

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Dist. (0 to 10) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|--------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 30.50 | 18 | - | ESE | 4 | 4 | ESE | - | b | - | 3 |
| * Skudesnaes ... | 30.46 | 26 | - | ESE | 4 | 4 | SE | - | o | - | 3 |
| * Oxø (Christiansand) | 30.47 | 17 | - | NNE | 6 | 6 | NNE | - | co | - | 3 |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 30.482 | 35 | 33 | NW | 1 | 1 | SW | 8 | o | 0.02 | 1 |
| Aberdeen ... | 30.432 | 34 | 33 | N | 1 | 2 | NW | 7 | os | 0.17 | 2 |
| Leith ... | 30.432 | 35 | 35 | N | 2 | 3 | N | 7 | c | 0.06 | 1 |
| Shields ... | - | 29 | - | NW | 2 | 4 | NE | 5 | sm | ? | 6 |
| Scarborough ... | 30.437 | 27 | - | WNW | 1 | 3 | ENE | 8 | o | 0.02 | 3 |
| Yarmouth ... | 30.367 | 28 | - | NE | 6 | 7 | NNE | 4 | sc | - | 5 |
| Ardrossan ... | 30.462 | 31 | - | N | 2 | 4 | NNE | 4 | bc | - | 1 |
| Greencastle ... | 30.482 | 38 | 35 | NE | 1 | 3 | ESE | 4 | oc | - | 1 |
| Holyhead ... | 30.427 | 30 | - | E | 4 | 6 | E | 8 | co | - | 1 |
| Liverpool ... | 30.432 | - | - | NE | 2 | 2 | NE | 5 | b | - | 5 |
| Valencia ... | 30.387 | 33 | 31 | E | 4 | 5 | E | 0 | b | - | 2 |
| Cape Clear ... | 30.307 | 31 | - | E | 6 | 7 | ESE | 0 | cb | - | 3 |
| Roche's Point | 30.347 | 33 | 31 | ENE | 4 | 7 | ESE | 6 | c | - | 3 |
| Pembroke ... | 30.337 | 27 | - | ENE | 4 | 5 | ENE | 2 | b | - | 2 |
| Penzance ... | 30.287 | 26 | - | NE | 4 | 6 | E | 2 | cb | - | 4 |
| Plymouth ... | 30.317 | 26 | - | NE | 5 | 5 | E | 1 | cb | - | 2 |
| Portsmouth ... | 30.297 | 26 | - | E | 3 | 5 | E | 5 | cs | - | 3 |
| London ... | 30.312 | 24 | - | NE | 4 | 5 | NE | 6 | bsc | 0.01 | 1 |
| Helder ... | 30.35 | 23 | - | NE | 6 | - | - | - | - | - | 2 |
| Cape Gris Nez | 30.252 | 21 | - | NE | 5 | 5 | E | 7 | co | - | 3 |
| Brest ... | 30.092 | 28 | - | E | 4 | 5 | E | 1 | b | - | 3 |
| L'Orient ... | 30.012 | 23 | - | ENE | 7 | 8 | ENE | 4 | c | - | 3 |
| Rochefort ... | 29.962 | 19 | - | E | 7 | 7 | E | 0 | b | - | 1 |
| Biarritz ... | 29.767 | 37 | 37 | SE | 5 | 4 | S | 9 | mo | 0.04 | 0 |
| Corunna ... | | | | | | | | | | | 1 |
| Brussels ... | | | | | | | | | | | 1 |
| Paris ... | | | | | | | | | | | 1 |
| Strasbourg ... | | | | | | | | | | | 1 |
| Lyons ... | | | | | | | | | | | 1 |
| Toulon ... | 29.842 | 43 | 39 | NNE | 1 | 5 | WNW | 6 | bf | - | 4 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Fri-day

Atmospherical pressure is still increasing generally, especially in the west, but the highest readings are at the northern stations: that at Greenacastle is now 0.52 in. higher than that at Rochefort.

Temperature has again fallen in the south-west, and also on our north-east coasts and at Helder, but has risen in Scotland. Of our own stations the coldest are in the south of England, and London is 14° colder than Greenacastle.

The wind continues NE^{ly} except in Scotland (where it is light from NW) but has become moderate except in the Bay of Biscay.

The sky is clear except in Scotland. The sea is still rather rough on the east coast.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather | Rain. | Sea. |
|-----------------|-----------------|--------|-------|----|-------|---|----------|-----|--------|---------|-------|------|
| FEBY | | | | | | | | | | | | |
| 9 th | Wick | 30.13+ | 35 | 32 | SSE | 4 | 9 | SSE | 8 | o | — | 4 |
| | Ardrossan | 30.04+ | 30 | — | ENE | 4 | 4 | E | 2 | cb | 0.02 | 3 |
| | Greenacastle | 29.93+ | 36 | 34 | E | 4 | 5 | ESE | 9 | to | 0.02 | — |
| | Liverpool | 29.90+ | — | — | ESE | 5 | 5 | ESE | 5 | c | — | 3 |
| | L'Orient | 29.61+ | 39 | 37 | ENE | 1 | 3 | W | 5 | c | — | 3 |
| | Rochefort | 29.65+ | 36 | 36 | S | 5 | 5 | S | 6 | c | — | 1 |
| | Biarritz | 29.58+ | 46 | 44 | W | 7 | 5 | W | 9 | + | 0.47 | 7 |
| | Brussels | 29.60 | 26 | — | NE | 3 | — | — | — | so | — | — |
| | Paris | 29.69 | 29 | — | WSW | 2 | — | — | — | os | — | — |
| | Strasbourg | 29.90 | 19 | — | W | 3 | — | — | — | c | — | — |
| | Lyon | 29.65 | 35 | — | N | 3 | — | — | — | o | — | — |
| | Heart's Content | 30.01+ | 20 | — | E | 1 | 4 | N | 9 | bo | — | 2 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Saturday

February 12th

| 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 ... | 30.762 | 36 | 34 | NNE | 3 | 3 | NE | 6 | co | — | 1 |
| Wick ... | | | | | | | | | | | |
| Nairn ... | | | | | | | | | | | |
| Aberdeen ... | | | | | | | | | | | |
| Leith ... | | | | | | | | | | | |
| Shields ... | — | 32 | — | SE | 2 | 2 | SE | 2 | c | — | 5 |
| Scarborough ... | 30.575 | 29 | — | E | 5 | 1 | W | 7 | sc | 0.05 | 5 |
| Yarmouth ... | 30.485 | 26 | — | ENE | 7 | 7 | NE | 6 | c | — | 6 |
| Ardrossan ... | 30.632 | 34 | 32 | NE | 2 | 2 | NE | 6 | cs | — | 1 |
| Greencastle ... | 30.612 | 38 | 33 | NE | 2 | 2 | NE | 8 | co | — | — |
| Holyhead ... | 30.485 | 33 | 32 | ENE | 4 | 3 | ENE | 8 | co | — | — |
| Liverpool ... | 30.485 | — | — | NE | 1 | 1 | NE | 2 | bm | — | 1 |
| Valencia ... | 30.515 | 33 | 31 | E | 3 | 4 | E | 2 | sb | — | 2 |
| Cape Clear ... | 30.423 | 31 | — | NE | 3 | 3 | NE | 0 | b | — | 2 |
| Roche's Point | 30.453 | 33 | 31 | NE | 3 | 5 | E | 7 | c | — | 2 |
| Pembroke ... | 30.395 | 26 | — | NE | 3 | 4 | ENE | 3 | bc | — | 2 |
| Penzance ... | 30.345 | 26 | — | NNE | 5 | 7 | N | 1 | feb | — | 4 |
| Plymouth ... | 30.375 | 25 | — | NE | 3 | 6 | NE | 0 | b | — | 1 |
| Portsmouth ... | 30.315 | 23 | — | E | 6 | 5 | E | 5 | c | 0.01 | 5 |
| London ... | 30.375 | 23 | — | ENE | 5 | 6 | NE | 9 | bps | 0.01 | — |
| Helder ... | 30.46 | 22 | — | ENE | 7 | — | — | — | — | — | 5 |
| Cape Gris Nez | 30.285 | 14 | — | E | 7 | 7 | ENE | 5 | sc | 0.01 | 4 |
| Brest ... | 30.285 | 27 | — | ENE | 4 | 7 | E | 8 | bs | — | 2 |
| L'Orient ... | 29.915 | 23 | — | ENE | 8 | 8 | ENE | 4 | ba | — | 3 |
| Rochefort ... | 29.945 | 19 | — | E | 8 | 8 | E | 0 | b | — | 2 |
| Biarritz ... | 29.545 | 30 | — | SE | 4 | 4 | SE | 9 | s | 0.39 | 4 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 29.705 | 45 | 43 | ENE | 7 | 4 | E | 8 | mo | — | 6 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Satur-day

Barometrical pressure has again increased in our Islands, though during the night there has been a fall at most of the southern stations and in the west of France. Readings continue highest in the north, and the "gradients" for E^h winds have become steeper. The difference of pressure between Greenastle and Rochefort is 0.77 in.

Temperature has risen a little in the north but fallen still lower in the south-east and in France. Cape Gris Nez is now 24° colder than Greenastle.

The wind has backed a little towards N, and freshened at the south-eastern stations, with snow showers. It is again blowing hard in the Bay of Biscay; but elsewhere winds are light.

The sky is generally rather clear. The sea is still rough on the east coast. Aurora was seen in Scotland last night.

Warnings to the east coast and both channels.

The Norwegian reports have not arrived (11.30 a.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. |
|------------------|-----------------|--------|-------|----|-------|---|----------|-----|--------|----------|-------|------|
| FEBY | | | | | | | | | | | | |
| 10 th | Christiansund | 30.27 | 25 | - | ESE | 4 | 4 | NNE | - | ob | - | 3 |
| | Skudersnaes | 30.34 | 26 | - | E | 4 | 2 | N | - | c | - | 2 |
| | Oslo | - | 26 | - | NNE | 8 | 4 | NNE | - | os | - | 3 |
| | Wick | 30.32+ | 31 | - | ENE | 2 | 4 | ESE | 7 | c | - | 3 |
| | Aberdeen | 30.34+ | 30 | - | NW | 1 | 1 | NW | 9 | om | - | 4 |
| | Biarritz | 29.80+ | 43 | 39 | SE | 3 | 5 | W | 7 | tc | 0.04 | 6 |
| | Borussia | 29.85 | 46 | - | N | 6 | - | - | - | c | - | 8 |
| | Brussels | 30.05 | 49 | - | NE | 3 | - | - | - | b | - | - |
| | Paris | 29.96 | 15 | - | SW | 2 | - | - | - | b | - | - |
| | Strasbourg | 30.00 | 45 | - | N | 6 | - | - | - | s | - | - |
| | Lyon | 29.82 | 24 | - | E | 3 | - | - | - | c | - | - |
| | Heart's Content | 29.00+ | - | - | SW | 7 | - | SE | 8 | so | 0.2 | 5 |
| | Gov | | | | | 4 | 7 | | | | | |

ROBERT E. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 13

Sunday

| 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 | 30.78 | 23 | — | ESE | 6 | — | ESE | — | 6 | — | 2 |
| * Skudesnaes ... | 30.81 | 17 | — | ENE | 2 | 4 | ESE | — | 6 | — | 1 |
| * OXO (Christiansand) | 30.78 | 8 | — | NNE | 6 | 6 | NNE | — | cb | — | 4 |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 30.715 | 25 | — | E | 1 | 2 | NE | 0 | hst | 0.12 | 1 |
| Aberdeen ... | 30.715 | 30 | — | ENE | 4 | 4 | ENE | 8 | cs | 0.08 | 6 |
| Leith ... | 30.645 | 30 | — | SE | 7 | 3 | E | 6 | ocs | 0.05 | — |
| Shields ... | — | 30 | — | ESE | 6 | 5 | SE | 8 | os | — | 7 |
| Scarborough ... | 30.495 | 29 | — | E | 7 | 7 | E | 8 | so | — | 5 |
| Yarmouth ... | 30.385 | 28 | — | NE | 8 | 10 | NE | 8 | s | 0.44 | 8 |
| Ardrossan ... | 30.695 | 28 | — | NE | 3 | 3 | ENE | 6 | pse | 0.01 | 2 |
| Greencastle ... | 30.565 | 32 | — | ENE | 4 | 5 | ENE | 9 | o | — | — |
| Holyhead ... | 30.405 | 31 | — | ENE | 8 | 7 | ENE | 8 | co | — | — |
| Liverpool ... | | | | | | | | | | | |
| Valencia ... | 30.395 | 29 | — | E | 5 | 6 | E | 1 | cb | — | 4 |
| Cape Clear ... | 30.315 | 30 | — | NE | 7 | 7 | ENE | 6 | l | — | 5 |
| Roche's Point | 30.255 | 31 | — | NE | 5 | 7 | ENE | 9 | os | — | 4 |
| Pembroke ... | 30.215 | 29 | — | NE | 7 | 8 | NE | 9 | co | — | 3 |
| Penzance ... | 30.075 | 29 | — | NE | 8 | 8 | NE | 9 | bco | — | 7 |
| Plymouth ... | 30.095 | 27 | — | NE | 8 | 8 | NE | 9 | cl | — | 4 |
| Portsmouth (4.30) | 30.055 | 29 | — | E | 8 | 8 | E | 9 | o | 0.01 | 7 |
| London ... | 30.185 | 25 | — | ENE | 8 | 9 | ENE | 9 | cgs | 0.01 | — |
| Helder ... | | | | | | | | | | | |
| Cape Gris Nez | 30.025 | 18 | — | NE | 9 | 8 | NE | 9 | mo | — | 6 |
| Brest ... | 29.755 | 34 | 32 | ENE | 8 | 8 | ENE | 8 | o | 0.01 | 3 |
| L'Orient ... | 29.665 | 27 | — | ENB | 8 | 8 | ENE | 9 | co | — | 3 |
| Rochefort ... | 29.585 | — | — | E | 8 | 8 | E | 9 | s | 0.03 | 3 |
| Biarritz ... | 29.475 | 30 | — | SE | 1 | 3 | E | 9 | s | 0.32 | 3 |
| Corunna ... | 29.47 | 44 | — | E | 9 | — | — | — | c | — | 6 |
| Brussels ... | 30.08 | 21 | — | ENE | 6 | — | — | — | so | — | — |
| Paris ... | 29.87 | 19 | — | NE | 2 | — | — | — | o | — | — |
| Strasbourg ... | 30.00 | 19 | — | N | 6 | — | — | — | o | — | — |
| Lyons ... | 29.73 | 27 | — | N | 3 | — | — | — | o | — | — |
| Toulon ... | 29.475 | 52 | 48 | E | 9 | 7 | E | 8 | o | — | 6 |
| Heart's Content (9 a.m. local time.) | 29.605 | 34 | 34 | S | 7 | 7 | S | 5 | bst | 0.30 | 6 |

2 P.M. REPORT.

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

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

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

REMARKS.

day

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. |
|----------------------|-----------------|---------|-------|----|-------|---|----------|----|--------|---------|-------|------|
| FEB 11 TH | Thurso | 30.46 2 | 39 | 36 | NE | 4 | 4 | NE | 6 | bc | - | 2 |
| " | Wick | | | | | | | | | | | |
| " | Comma | 29.60 | 51 | - | NE | 9 | - | - | - | c | - | 4 |
| " | Brussels | 30.24 | 18 | - | NE | 7 | - | - | - | b | - | - |
| " | Paris | 30.15 | 15 | - | ? | 2 | - | - | - | b | - | - |
| " | Strasbourg | 30.15 | 19 | - | NE | 3 | - | - | - | o | - | - |
| " | Lyon | 30.20 | 23 | - | E | 5 | - | - | - | b | - | - |
| " | Heart's Content | 29.24 | 30 | - | NNW | 2 | 5 | SW | 8 | spo | - | 3 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. *February 14**Mon. day*

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Dist. (0 to 10) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|--------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 30.62 | 37 | 34 | SW | 4 | 0 | Z | — | 60 | — | 4 |
| * Skudesnaes ... | 30.67 | 19 | — | Z | 0 | 0 | Z | — | 6 | — | 3 |
| * Oxo (Christiansand) | 30.65 | 18 | — | NNE | 4 | 6 | NNE | — | 6 | — | 3 |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 30.678 | 25 | — | E | 1 | 1 | E | 6 | c | — | 1 |
| Aberdeen ... | 30.683 | 32 | — | ENE | 2 | 4 | ENE | 9 | c0 | — | 6 |
| Leith ... | 30.588 | 33 | — | E | 7 | 7 | E | 8 | sho | — | — |
| Shields ... | — | 32 | — | SE | 5 | 8 | SE | 8 | o | — | 8 |
| Scarborough... | 30.402 | 31 | — | E | 7 | 9 | E | 9 | o | 0.02 | 6 |
| Yarmouth ... | 30.238 | 32 | — | NE | 8 | 9 | NE | 6 | c | — | 7 |
| Ardrossan ... | 30.528 | 32 | — | E | 5 | 9 | E | 7 | sgc | — | 3 |
| Greencastle ... | 30.488 | 25 | — | E | 6 | 6 | ENE | 9 | o | — | — |
| Holyhead ... | 30.288 | 32 | — | ENE | 8 | 9 | ENE | 9 | c0 | — | — |
| Liverpool ... | 30.31 | — | — | NE | 4 | 3 | NE | 7 | c0 | — | 3 |
| Valencia ... | 30.168 | 35 | 34 | ENE | 5 | 6 | E | 8 | so | — | 4 |
| Cape Clear ... | 30.058 | 34 | 34 | NE | — | 8 | E | 8 | o | — | 5 |
| Roche's Point | 30.098 | 33 | 32 | NE | 7 | 7 | NE | 9 | gso | — | 4 |
| Pembroke ... | 30.078 | 32 | — | NE | 7 | 8 | NE | 9 | o | 0.02 | 3 |
| Penzance ... | 29.948 | 31 | — | NE | 7 | 9 | NE | 9 | so | — | 6 |
| Plymouth ... | 30.012 | 31 | — | ENE | 7 | 9 | ENE | 9 | o | — | 4 |
| Portsmouth ... | 29.992 | 31 | — | E | 7 | 8 | E | 9 | o | 0.01 | 6 |
| London ... | 30.098 | 30 | — | E | 6 | 9 | ENE | 9 | og5 | — | — |
| Helder ... | 30.21 | 28 | — | ?NE | 7 | — | — | — | — | — | 5 |
| Cape Gris Nez | | | | | | | | | | | |
| Brest ... | 29.625 | 32 | — | E | 7 | 8 | E | 9 | o | — | 3 |
| L'Orient ... | 29.652 | 30 | — | ENE | 7 | 8 | ENE | 9 | so | — | 3 |
| Rochefort ... | | | | | | | | | | | |
| Biarritz... | 29.632 | 37 | 35 | SSE | 4 | 3 | SSE | 8 | sm | — | 2 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon... | 29.538 | 50 | 46 | NE | 7 | 9 | ENE | 5 | cc | — | 4 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

REMARKS.

Monday

Barometrical pressure while it remained almost unaltered in the north yesterday had decreased considerably in the south of our Islands and over France, and the difference in pressure between Hain and Rochefort was 1.13 in. To-day a further fall has taken place principally at our western and south-western stations; and a decrease is also shown in Norway. The northern readings are, however, still high and pressure at Aberdeen is 1.06 in greater than that at Port.

Temperature has risen slightly on all coasts since Saturday, but is still low generally.

The wind increased to a gale from E and NE on the English and French coasts on Saturday, which blew with increased force during Sunday in heavy squalls accompanied by some snow, and extended further northward. This morning the wind is rather more moderate from the same quarter, though still strong.

The sky remains overcast, with a little snow. The sea is very high on our east coast; and rough in the Channel.

Warnings repeated this morning.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather | Rain. | Sea. |
|----------------------|-----------------|--------|-------|----|-------|---|----------|-----|--------|---------|-------|------|
| FEB 12 th | Christianund | 30.68 | 19 | - | ESE | 4 | 4 | ESE | - | c | - | 2 |
| | Mudamals | 30.75 | 18 | - | ESE | 6 | 6 | S | - | c | - | 4 |
| 4 | Ozi | 30.77 | 6 | - | ?N | 4 | 6 | NNE | - | cb | - | 4 |
| | Wick | 30.62+ | 37 | 35 | NNE | 4 | 2 | NNE | 8 | co | 0.12 | 3 |
| | Hain | 30.65+ | 34 | 34 | NE | 1 | 1 | NE | 8 | okp | 0.06 | 2 |
| | Aberdeen | 30.64+ | 31 | - | L | 0 | 2 | NE | 9 | bsm | 0.01 | 1 |
| | Leith | 30.63+ | 31 | - | ESE | 2 | 3 | N | 7 | c | - | - |
| | Brussels | 30.29 | 13 | - | NE | 6 | - | - | - | b | - | - |
| | Paris | 30.13 | 12 | - | NE | 4 | - | - | - | c | - | - |
| | Strasbourg | 30.19 | 13 | - | N | 6 | - | - | - | c | - | - |
| | Lyons | 29.93 | 24 | - | N | 3 | - | - | - | s | - | - |
| | Heart's Content | 29.90+ | 35 | 35 | N | 2 | 2 | N | 6 | c | - | 3 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 15th

Tuesday

| 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 (Christiansund) | | | | | | | | — | | — | |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | | | | | | | | | | | |
| Aberdeen ... | | | | | | | | | | | |
| Leith ... | | | | | | | | | | | |
| Shields ... | — | 37 | 34 | E | 2 | 2 | E | 4 | c | — | 4 |
| Scarborough ... | 30.472 | 36 | 34 | ENE | 4 | 8 | E | 4 | o c | — | 4 |
| Yarmouth ... | 30.362 | 33 | 33 | ENE | 6 | 8 | NE | 4 | c | — | 5 |
| Ardrossan ... | 30.542 | 33 | 33 | ENE | 3 | 6 | ENE | 5 | o g c | — | 2 |
| Greencastle ... | | | | | | | | | | | |
| Holyhead ... | 30.342 | 33 | 33 | ENE | 8 | 9 | ENE | 8 | o | — | — |
| Liverpool ... | 30.392 | — | — | E | 3 | 5 | NE | 4 | c | — | 2 |
| Valencia ... | 30.212 | 37 | 35 | E | 4 | 5 | ENE | 8 | s | — | 3 |
| Cape Clear ... | 30.142 | 36 | 36 | E | 7 | 7 | ENE | 8 | o r | 0.03 | 5 |
| Roche's Point | 30.192 | 37 | 35 | E | 7 | 7 | ENE | 9 | s o | 0.07 | 4 |
| Pembroke ... | 30.202 | 31 | — | ENE | 5 | 7 | ENE | 7 | s c | 0.02 | 2 |
| Penzance ... | 30.142 | 35 | 34 | ESE | 7 | 8 | NE | 9 | o | — | 6 |
| Plymouth ... | 30.202 | 33 | 32 | NE | 4 | 7 | ENE | 9 | h o | — | 4 |
| Portsmouth ... | 30.202 | 31 | 31 | E | 6 | 8 | E | 5 | o c | — | 5 |
| London ... | 30.272 | 30 | — | ENE | 3 | 8 | E | 9 | s o | 0.01 | — |
| Helder ... | 30.34 | 25 | — | ENE | 7 | — | — | — | — | — | 4 |
| Cape Gris Nez | | | | | | | | | | | |
| Brest ... | 29.992 | 34 | 30 | E | 4 | 5 | E | 9 | o | — | 2 |
| L'Orient ... | 29.922 | 32 | — | ENE | 5 | 5 | ENE | 9 | o | — | 3 |
| Rochefort ... | | | | | | | | | | | |
| Biarritz ... | 29.932 | 46 | 44 | SSE | 1 | 3 | S | 8 | m f | — | 2 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 29.498 | 48 | 43 | ? N | 1 | 5 | NNE | 6 | 2 f | — | 3 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Tues. day

Atmospherical pressure has increased in our Islands and over France since yesterday; and the change having been greatest in the south readings have become more uniform. Pressure is, however, still highest on our northern coasts, and that at Ardrossan is 0.62 in. higher than that at L'Orient. Very few of the northern reports are in - 11.25 am.

Temperature has risen a little more on all coasts.

The wind after again freshening to a gale in the Channel and North Sea yesterday has moderated, and this morning moderate to fresh E. winds (but strong in the Irish Channel) are general.

A little snow has fallen. The sky has cleared considerably in the east, but is very cloudy elsewhere. The sea is moderate.

Buoys lowered this morning.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|------------------|-----------------------------|-----------------------------------|-------|----|-------|---|----------|---|--------|-----------------|-------|------|
| FEBY | | | | | | | | | | | | |
| 14 TH | Thurso | 30.75 ⁿ | 31 | - | SW | 2 | 3 | E | 6 | 6 th | - | 0 |
| --- | Wick | 30.67 ⁿ | 34 | 33 | E | 3 | 4 | E | 7 | 2 | - | 3 |
| 3 | Brussels | 29.98 | 25 | - | NE | 6 | - | - | - | c | - | - |
| --- | Paris | 29.84 | 24 | - | NE | 2 | - | - | - | c | - | - |
| --- | Strasbourg | 29.95 | 27 | - | NE | 6 | - | - | - | c | - | - |
| --- | Lyons | 29.78 | 27 | - | S | 3 | - | - | - | c | - | - |
| --- | Heart's Content | 29.89 ⁺ | 28 | - | WNW | 1 | 7 | S | 8 | 0 | - | 3 |
| --- | Correction - Cape Clear. | Force of present wind should be 8 | | | | | | | | | | |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 16th

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 | | | | | | | | — | | — | |
| *Skudesnaes ... | | | | | | | | — | | — | |
| *Oxo (Christiansand) | | | | | | | | — | | — | |
| Thurso ... | | | | | | | | | | | |
| Wick ... | | | | | | | | | | | |
| Nairn ... | | | | | | | | | | | |
| Aberdeen ... | | | | | | | | | | | |
| Leith ... | | | | | | | | | | | |
| Shields ... | | | | | | | | | | | |
| Scarborough... | 30.237 | 39 | 38 | N | 2 | 4 | ENE | 8 | 0 | 0.07 | 3 |
| Yarmouth ... | | | | | | | | | | | |
| Ardrossan ... | | | | | | | | | | | |
| Greencastle ... | 30.367 | 40 | 37 | E | 2 | 3 | E | 9 | 60 | — | — |
| Holyhead ... | 30.257 | 38 | 36 | ENE | 2 | 8 | ENE | 9 | 00 | — | — |
| Liverpool ... | 30.247 | 39 | 38 | NE | 1 | 2 | E | 8 | 00 | — | 1 |
| Valencia ... | 30.227 | 36 | 34 | E | 3 | 3 | E | 2 | 06 | — | 2 |
| Cape Clear ... | 30.167 | 35 | 34 | E | 5 | 6 | ESE | 8 | 00 | 0.05 | 4 |
| Roche's Point | 30.207 | 36 | 33 | E | 4 | 7 | E | 6 | 00 | — | 3 |
| Pembroke ... | 30.177 | 33 | 31 | NE | 3 | 4 | ENE | 4 | 0 | — | 2 |
| Penzance ... | 30.127 | 32 | — | NNE | 5 | 7 | NE | 8 | 0 | — | 5 |
| Plymouth ... | 30.167 | 32 | — | E | 2 | 5 | E | 3 | 0 | — | 1 |
| Portsmouth ... | 30.137 | 33 | 32 | E | 2 | 7 | E | 8 | 00 | — | 2 |
| London ... | 30.177 | 33 | 31 | ENE | 2 | 4 | ENE | 9 | 600 | — | — |
| Helder ... | 30.157 | 30 | — | NNE | 2 | — | — | — | — | — | 2 |
| Cape Gris Nez | 30.117 | 27 | — | E | 4 | 7 | ENE | 3 | 0 | — | 2 |
| Brest ... | 30.007 | 30 | — | E | 4 | 4 | E | 9 | 0 | — | 2 |
| L'Orient ... | 29.927 | 30 | — | ENE | 5 | 5 | ENE | 9 | 0 | — | 3 |
| Rochefort ... | | | | | | | | | | | |
| Biarritz... | 29.887 | 34 | 34 | SE | 4 | 4 | N | 9 | em | — | 2 |
| Corunna ... | 29.757 | 47 | — | SW | 3 | — | — | — | 0 | — | 2 |
| Brussels ... | 30.12 | 22 | — | NE | 3 | — | — | — | 0 | — | — |
| Paris ... | 30.04 | 23 | — | ENE | 2 | — | — | — | 60 | — | — |
| Strasbourg ... | 30.14 | 23 | — | N | 3 | — | — | — | 0 | — | — |
| Lyons ... | 30.00 | 37 | — | N | 3 | — | — | — | 0 | — | — |
| Toulon... | 29.857 | 45 | 43 | NE | 1 | 3 | NE | 5 | 0 | — | 3 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Wednesday

No Norwegian reports and only one from our own north and east coasts have as yet arrived - 11.45am; but by those received the principal change in barometrical reading is a decrease over the North Sea. Pressure is highest in the northwest, and that at Greencastle exceeds by 0.44 in. that at L'Orient.

Temperature has again risen except at our SW^m and the French stations.

Light E to NE winds are reported generally.

The sky has again become cloudy or overcast. The sea is, on the whole, calm.

The irregularities in the arrival of our reports continue very serious.

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. | | |
|----------------------|-----------------|--------|-------|-------|----------|--------|----------|-------|------|---|---|
| FEB 14 th | Cape Gris key | 29.97+ | 23 | — | NE 7 | 9 | ENE | 9 | o | — | 4 |
| 15 th | Christianund | 30.37 | 36 | 36 | SW 4 | 4 | SW | — | o | — | 3 |
| | Skudesnaes | 30.41 | 23 | — | Z 0 | 0 | Z | — | b | — | 3 |
| | Oxö | 30.36 | 26 | — | NIW 4 | 2 | WNW | — | b | — | 1 |
| | Thurso | 30.60f | 32 | — | WSW 2 | — | SSW | 3 | bc | — | 0 |
| | Wick | 30.55f | 30 | — | WNW 2 | 2 | ESE | 3 | c | — | 2 |
| | Nairn | 30.60f | 28 | — | E 1 | 1 | E | 8 | co | — | 1 |
| | Aberdeen | 30.57f | 33 | 32 | NW 1 | 1 | ENE | 5 | cm | — | 3 |
| | Leith | 30.52f | 37 | 35 | E 5 | 7 | E | 8 | o | — | — |
| | Greencastle | 30.49+ | 36 | 33 | E 2 | 7 | E | 1 | ob | — | — |
| | Cape Gris key | 30.18+ | 25 | — | ENE 7 | 8 | ENE | 4 | oc | — | 4 |
| | Brussels | 30.19 | 26 | — | NE 4 | — | — | — | c | — | — |
| | Paris | 30.07 | 26 | — | NE 2 | — | — | — | o | — | — |
| | Strasbourg | 30.13 | 26 | — | N 6 | — | — | — | o | — | — |
| | Lyons | 29.96 | 34 | — | NW 3 | — | — | — | f | — | — |
| | Heart's Content | 30.40+ | 20 | — | NNW 1 | 4 | NW | 3 | c | — | 1 |

Metereological Office

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. *February, 17th**Thurs. day*

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 9) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|--------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 30.13 | 37 | 36 | SW | 6 | 4 | SSW | — | b o | — | 4 |
| * Skudesnaes ... | 30.23 | 31 | — | Z | 0 | 0 | Z | — | b o o | — | 0 |
| * Oxo (Christiansand) | 30.18 | 25 | — | SW | 4 | 2 | NNW | — | b | — | 1 |
| Thurso ... | | | | | | | | | | | |
| Wick ... | 30.33 2 | 37 | 36 | NNE | 3 | 3 | NNE | 8 | c 2 | 0.04 | 2 |
| Nairn ... | 30.36 1 | 33 | 33 | E | 1 | 1 | E | 9 | o | 0.06 | 1 |
| Aberdeen ... | 30.36 5 | 35 | 34 | Z | 0 | 1 | NE | 9 | o m | 0.03 | 1 |
| Leith ... | 30.34 2 | 36 | 35 | NE | 3 | 3 | E | 4 | o c | 0.06 | — |
| Shields ... | — | 38 | 36 | SE | 2 | 3 | NE | 5 | c m | ? | 3 |
| Scarborough ... | 30.24 2 | 36 | 35 | ENE | 4 | 4 | NE | 6 | o | — | 4 |
| Yarmouth ... | 30.17 2 | 33 | 32 | ENE | 4 | 4 | NE | 6 | e | — | 3 |
| Ardrossan ... | 30.33 2 | 35 | 34 | E | 3 | 4 | E | 7 | e | — | 2 |
| Greencastle ... | 30.30 2 | 38 | 35 | E | 2 | 2 | E | 9 | o | 0.41 | — |
| Holyhead ... | | | | | | | | | | | |
| Liverpool ... | 30.21 2 | — | — | E | 1 | 2 | E | 8 | e f | — | 1 |
| Valencia ... | 30.13 1 | 39 | 38 | ENE | 3 | 3 | E | 8 | b o | — | 2 |
| Cape Clear ... | 30.06 2 | 38 | 37 | E | 5 | 3 | E | 8 | o | — | 3 |
| Roche's Point | 30.09 2 | 38 | 36 | ENE | 3 | 4 | E | 9 | c o | — | 3 |
| Pembroke ... | 30.09 2 | 34 | 32 | ENE | 4 | 4 | NE | 9 | o | — | 2 |
| Penzance ... | 30.03 2 | 34 | 32 | N | 4 | 5 | ESE | 8 | c o | — | 4 |
| Plymouth ... | 30.08 2 | 34 | 31 | E | 2 | 3 | E | 7 | e | — | 1 |
| Portsmouth ... | 30.08 2 | 33 | 31 | E | 4 | 2 | ESE | 9 | o | — | 3 |
| London ... | 30.10 2 | 32 | — | E | 4 | 5 | ENE | 9 | 250 | — | — |
| Helder ... | 30.18 | 27 | — | ENE | 6 | — | — | — | — | — | 2 |
| Cape Gris Nez | 30.08 2 | 21 | — | E | 4 | 5 | E | 0 | o b | — | 2 |
| Brest ... | 29.93 2 | 32 | — | E | 3 | 4 | ENE | 2 | b | — | 2 |
| L'Orient ... | 29.85 2 | 28 | — | ENE | 5 | 5 | ENE | 4 | c | — | 2 |
| Rochefort ... | 29.86 2 | 32 | — | E | 4 | 4 | E | 9 | o | — | 1 |
| Biarritz ... | 29.82 5 | 37 | 37 | SE | 3 | 3 | E | 9 | m o | — | 1 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 29.86 1 | 45 | 45 | ESE | 4 | 1 | SSE | 8 | b o | — | 3 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Thurs-day

The decrease of pressure in the north and north-east noticed yesterday continues at the Norwegian stations but has been succeeded by a recovery during the night on the east coast of England; whilst readings at the SWⁿ and Sⁿ stations have fallen a little. Pressure is thus highest in the north of Scotland and that at Naïon is half an inch above that at L'Brient.

Temperature is barely changed, but has fallen slightly on the east coast and in France where the weather is still cold.

The winds have increased a little from NE on the British and French coasts but are still generally moderate. In Norway a SWⁿ breeze is prevailing.

The sky continues very cloudy with slight snow in London. The sea is nearly calm.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|--------|----------------|-------|-------|----|-------|---|----------|-----|--------|----------|-------|------|
| FEB:16 | Christianmunde | 30.32 | 35 | 32 | Z | 0 | 4 | SW | - | c o | - | - |
| - | Shudemas | 30.25 | 27 | - | NNE | 2 | 4 | NNW | - | 6 | - | 1 |
| - | Oxö | 30.22 | 26 | - | NNW | 4 | 4 | SW | - | 6 | - | 1 |
| - | Huuso | 30.41 | 40 | 38 | NNE | 4 | 3 | NNW | 6 | 2 c | 0.01 | 1 |
| - | Wick | 30.37 | - | - | - | 3 | 3 | NNE | 8 | c 2 | 0.03 | 3 |
| - | Naïon | 30.41 | 36 | 35 | E | 1 | 1 | SW | 9 | o | 0.06 | 1 |
| - | Aberdeen | 30.36 | 36 | 35 | N | 1 | 1 | NW | 9 | c m | 0.01 | 2 |
| - | Leith | 30.36 | 36 | 35 | N | 3 | 3 | NE | 5 | o c 2 | - | - |
| - | Shields | - | 39 | 38 | NE | 3 | 3 | NE | 5 | 2 c | ? | 4 |
| - | Yarmouth | 30.18 | 35 | 35 | NE | 2 | 6 | ENE | 6 | c | - | 3 |
| - | Androsau | 30.36 | 36 | 34 | NNE | 2 | 3 | E | 5 | c | - | 1 |
| - | Heart's Cast | 29.98 | 35 | 35 | S | 1 | 4 | SW | 8 | c o p | 0.18 | 3 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 18th

Fri - day

| 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 | 29.93 | 35 | 32 | ENE | 2 | 6 | WSW | — | o | — | 4 |
| * Skudesnaes ... | 29.80 | 31 | — | NNW | 6 | 6 | NE | — | tc | — | 2 |
| * Oxo (Christiansand) | — | 21 | — | N | 2 | — | SW | — | o | — | 1 |
| Thurso ... | 30.13 | 38 | 37 | N | 5 | 4 | NNW | 3 | fc | 0.06 | 1 |
| Wick ... | 30.11 | 37 | 36 | NNE | 3 | 2 | NNE | 3 | c | 0.03 | 2 |
| Nairn ... | 30.13 | 36 | 35 | NE | 1 | 1 | SW | 8 | o | 0.03 | 2 |
| Aberdeen ... | — | — | — | — | — | — | — | — | — | — | — |
| Leith ... | 30.11 | 35 | 33 | NW | 3 | 3 | E | 7 | om | — | — |
| Shields ... | — | 37 | 36 | NE | 5 | 5 | NE | 8 | 2 | ? | 6 |
| Scarborough ... | 30.00 | 37 | 36 | NNE | 3 | 3 | ENE | 7 | oc | 0.10 | 4 |
| Yarmouth ... | 30.00 | 32 | — | NE | 2 | 4 | ESE | 6 | c | — | 2 |
| Ardrossan ... | — | — | — | — | — | — | — | — | — | — | — |
| Greencastle ... | 30.15 | 39 | 37 | NNE | 1 | 1 | E | 9 | o | — | — |
| Holyhead ... | 30.08 | 38 | 36 | NNE | 4 | 5 | ENE | 9 | o | — | — |
| Liverpool ... | 30.05 | — | — | NE | 1 | 2 | E | 8 | cm | — | 1 |
| Valencia ... | 30.16 | 37 | 34 | NE | 3 | 3 | E | 7 | oc | — | 3 |
| Cape Clear ... | 30.08 | 37 | 34 | E | 3 | 4 | E | 8 | o | — | 2 |
| Roche's Point | 30.10 | 37 | 35 | NNE | 4 | — | — | 9 | ps o | — | 3 |
| Pembroke ... | 30.05 | 35 | 33 | NNE | 2 | 4 | ENE | 9 | o | — | 1 |
| Penzance ... | 30.04 | 32 | — | NE | 5 | 5 | N | 8 | o | — | 4 |
| Plymouth ... | 30.05 | 32 | — | NNE | 2 | 4 | NE | 9 | o | — | 1 |
| Portsmouth ... | 29.97 | 30 | — | NE | 2 | 4 | E | 9 | o | — | 2 |
| London ... | 29.99 | 30 | — | ENE | 2 | 6 | E | 9 | cs o | — | — |
| Helder ... | 29.99 | 25 | — | E | 2 | — | — | — | — | — | 2 |
| Cape Gris Nez | 29.94 | 27 | — | E | 3 | 5 | E | 9 | o | — | 1 |
| Brest ... | 29.91 | 34 | 32 | Z | 0 | 4 | E | 9 | o | — | 1 |
| L'Orient ... | 29.87 | 30 | — | ENE | 3 | 5 | ENE | 9 | bo | — | 1 |
| Rochefort ... | 29.89 | 32 | — | E | 4 | 4 | E | 9 | f | — | 1 |
| Biarritz ... | 29.88 | 46 | 44 | S | 1 | 3 | N | 5 | 2 c | 0.20 | 1 |
| Corunna ... | — | — | — | — | — | — | — | — | — | — | — |
| Brussels ... | — | — | — | — | — | — | — | — | — | — | — |
| Paris ... | — | — | — | — | — | — | — | — | — | — | — |
| Strasbourg ... | — | — | — | — | — | — | — | — | — | — | — |
| Lyons ... | — | — | — | — | — | — | — | — | — | — | — |
| Toulon ... | 29.91 | 43 | 43 | NE | 5 | 4 | ENE | 8 | o 2 | 0.08 | 3 |
| Heart's Content (9 a.m. local time.) | — | — | — | — | — | — | — | — | — | — | — |

2 P.M. REPORT.

| | | | | | | | | | | | |
|-----------------|---|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ... | — | — | — | — | — | — | — | — | — | — | — |
| Nairn ... | — | — | — | — | — | — | — | — | — | — | — |
| Scarborough ... | — | — | — | — | — | — | — | — | — | — | — |
| Greencastle ... | — | — | — | — | — | — | — | — | — | — | — |
| Valencia .. | — | — | — | — | — | — | — | — | — | — | — |
| Penzance ... | — | — | — | — | — | — | — | — | — | — | — |
| London ... | — | — | — | — | — | — | — | — | — | — | — |
| Rocheftort ... | — | — | — | — | — | — | — | — | — | — | — |

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

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

REMARKS.

Fri - day

Atmospherical pressure continues to decrease over Norway and the North Sea, and during the night this diminution has affected all our own stations, while in the SW of France some rise is noticeable. Readings are rather uniform though slightly highest in the northwest: that at Greencastle exceeds by 0.28 in. that at L'Orient, and by 0.35 in. that at Skudesnaes.

Temperature is not much altered except in the west of France, where it has risen.

Light to moderate NE^{ly} winds are still general, but are backing towards NW at the northern stations; and at Biscaya a S^{ly} breeze has set in, with rain.

A little snow has fallen at London and Pembroke. The sky continues overcast. The sea is rough at Shields, nearly calm elsewhere.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|--------|--------------|--------|-------|----|-------|---|----------|-----|--------|----------|-------|------|
| FEB:17 | Thurso | 30.367 | 38 | 37 | S | 2 | 5 | NE | 6 | 60 | - | 0 |
| - | Holyhead | 30.202 | 35 | 32 | E | 5 | 2 | NE | 9 | 0 | - | - |
| - | Comuna | 29.79 | 49 | - | SW | 6 | - | - | - | c | - | 2 |
| - | Brussels | 30.26 | 24 | - | NE | 3 | - | - | - | c | - | - |
| - | Paris | 29.97 | 23 | - | NE | 2 | - | - | - | 6 | - | - |
| - | Strasbourg | 30.12 | 28 | - | N | 6 | - | - | - | 0 | - | - |
| - | Lyon | 29.94 | 37 | - | N | 3 | - | - | - | f | - | - |
| - | Hearts Coast | 29.792 | 25 | - | NW | 3 | 3 | NVV | 9 | 289 | 0.41 | 3 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. *February, 19th**Satur. day*

| 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 | 29.76 | 31 | — | SW | 4 | 0 | Z | — | oc | — | 4 |
| * Skudesnaes ... | 29.90 | 31 | — | NNE | 2 | 0 | Z | — | bo | — | 2 |
| * Oxo (Christiansand) | 29.91 | 25 | — | NW | 2 | 6 | NNE | — | ob | — | 2 |
| Thurso ... | 30.07 ⁹ | 38 | 36 | N | 4 | 5 | N | 2 | bc | 0.02 | 1 |
| Wick ... | 30.04 ² | 36 | 35 | NNE | 4 | 4 | NNE | 6 | e | — | 2 |
| Nairn ... | 30.10 ² | 35 | 34 | NW | 1 | 1 | ENE | 9 | o | — | 2 |
| Aberdeen ... | 30.06 ⁸ | 35 | 34 | N | 1 | 1 | N | 7 | e | 0.02 | 2 |
| Leith ... | 30.11 ² | 36 | 34 | W | 2 | 3 | N | 3 | om | — | 1 |
| Shields ... | — | 36 | 36 | NE | 5 | 3 | NE | 7 | rs | ? | 6 |
| Scarborough ... | 30.00 ² | 38 | 37 | NNE | 4 | 4 | NNE | 7 | oc | 0.04 | 4 |
| Yarmouth ... | 29.93 ² | 35 | 35 | NNE | 2 | 3 | E | 4 | e | — | 2 |
| Ardrossan ... | 30.14 ² | 34 | 31 | NNW | 2 | 2 | NW | 2 | eb | — | 1 |
| Greencastle ... | 30.16 ² | 37 | 35 | SW | 1 | 1 | NNE | 1 | ob | — | 1 |
| Holyhead ... | 30.07 ² | 39 | 37 | NNE | 4 | 4 | NNE | 9 | o | — | 1 |
| Liverpool ... | 30.06 ² | — | — | ESE | 2 | 2 | NE | 8 | co | — | 1 |
| Valencia ... | 30.11 ² | 37 | 34 | ESE | 2 | 3 | E | 7 | oc | — | 1 |
| Cape Clear ... | 30.08 ² | 36 | 35 | NE | 4 | 4 | NE | 8 | o | — | 2 |
| Roche's Point | 30.06 ⁸ | 38 | 35 | NNE | 2 | 4 | NNE | 9 | co | — | 2 |
| Pembroke ... | 30.02 ² | 37 | 35 | NNE | 3 | 3 | N | 9 | o | — | 2 |
| Penzance ... | 29.98 ² | 36 | 35 | N | 3 | 4 | NW | 8 | o | — | 3 |
| Plymouth ... | 30.00 ² | 37 | 35 | N | 2 | 4 | NNW | 7 | o | — | 1 |
| Portsmouth ... | 29.93 ³ | 33 | 32 | ENE | 1 | 2 | NE | 6 | oc | — | 1 |
| London ... | 29.94 ⁸ | 34 | 33 | E | 1 | 1 | ENE | 9 | os | 0.01 | 1 |
| Helder ... | 29.88 | 28 | — | S | 2 | — | — | — | — | — | 2 |
| Cape Gris Nez | 29.89 | 27 | — | E | 1 | 4 | E | 9 | o | — | 0 |
| Brest ... | — | 36 | 31 | ENE | 1 | 3 | ENE | 9 | o | — | 0 |
| L'Orient ... | 29.86 ² | 30 | — | NE | 3 | 4 | WSW | 9 | o | — | 2 |
| Rochefort ... | — | — | — | — | — | — | — | — | — | — | — |
| Biarritz ... | 29.87 ² | 36 | 34 | E | 5 | 4 | N | 9 | co | — | 2 |
| Corunna ... | — | — | — | — | — | — | — | — | — | — | — |
| Brussels ... | — | — | — | — | — | — | — | — | — | — | — |
| Paris ... | — | — | — | — | — | — | — | — | — | — | — |
| Strasbourg ... | — | — | — | — | — | — | — | — | — | — | — |
| Lyons ... | — | — | — | — | — | — | — | — | — | — | — |
| Toulon ... | — | — | — | — | — | — | — | — | — | — | — |
| Heart's Content (9 a.m. local time.) | — | — | — | — | — | — | — | — | — | — | — |

2 P.M. REPORT.

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

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

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

REMARKS.

Satur. day

Barometrical readings have varied very little since yesterday morning, and are consequently still rather uniform, the highest (at Greencastle) exceeding that at L'Orient by only 0.30 in.; and that at Christiansund by 0.39 in. Pressure is however apparently lower further eastward.

Temperature has risen a little except in the S.W. of France where it has fallen again.

The N.E. current has now become light, and backed a little in England and Ireland, while in the south of Scotland and at Christiansund it has given way to light and variable W. air.

The sky continues very cloudy except in the northwest. The sea is moderate on our east coast, calm elsewhere.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|----------------------|-----------------|--------|-------|----|-------|---|----------|----|--------|----------|-------|------|
| FEB 18 th | Aberdeen | 30.07f | 35 | 34 | NNW | 1 | 1 | NW | 1 | cb | 0.03 | 1 |
| | Androsan | 30.14f | 32 | - | N | 2 | 2 | NE | 3 | c | - | 1 |
| | Bornum | 29.84 | 49 | - | SW | 3 | - | - | - | c | - | 2 |
| | Brussels | 29.93 | 27 | - | NE | 3 | - | - | - | cf | - | - |
| | Paris | 29.89 | 26 | - | N | 2 | - | - | - | o | - | - |
| | Strasbourg | 30.00 | 32 | - | NNW | 3 | - | - | - | r | - | - |
| | Lyon | 29.88 | 41 | - | NW | 3 | - | - | - | f | - | - |
| | Hart's Content. | 30.43r | 11 | - | N | 5 | 5 | N | 3 | oc | - | 4 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Sun-day

February 20th

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturbance (0 to 9) |
|---|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|-----------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 29.13 | 36 | 34 | WSW | 10 | 10 | WSW | — | o | — | 6 |
| * Skudesnaes ... | 29.54 | 37 | 36 | WSW | 4 | 4 | NNW | — | bc | — | 2 |
| * OXO (Christiansund) | 29.54 | 35 | 33 | SW | 6 | 6 | SVV | — | bc | — | 2 |
| Thurso ... | 29.84 f | 43 | 41 | WNW | 6 | 5 | WNW | 7 | r | 0.06 | 4 |
| Wick ... | — | 44 | 42 | WNW | 6 | 5 | NW | 8 | o | 0.02 | 3 |
| Nairn ... | 29.93 | 44 | 41 | VV | 2 | 1 | NW | 2 | ob | — | 1 |
| Aberdeen ... | 29.84 f | 39 | 38 | WNW | 1 | 2 | NW | 6 | c | — | 1 |
| Leith ... | 29.97 f | 41 | 38 | WNW | 5 | 3 | NNE | 2 | b | — | — |
| Shields ... | — | 36 | 35 | NW | 2 | 2 | NE | 2 | c | ? | 4 |
| Scarborough ... | 30.08 f | 34 | 32 | W | 2 | 3 | NNE | 6 | c | 0.03 | 3 |
| Yarmouth ... | 30.07 r | 40 | 37 | W | 2 | 4 | W | 3 | c | — | 3 |
| Ardrossan ... | 30.06 f | 44 | 43 | NW | 5 | 2 | NW | 4 | c | — | 4 |
| Greencastle ... | 30.16 f | 44 | 42 | WNW | 4 | 2 | NW | 6 | brc | 0.03 | — |
| Holyhead ... | 30.20 r | 40 | 37 | WNW | 3 | 4 | NNE | 9 | o | — | — |
| Liverpool ... | — | — | — | — | — | — | — | — | — | — | — |
| Valencia ... | 30.33 r | 38 | 35 | E | 1 | 3 | E | 7 | oc | — | 0 |
| Cape Clear ... | — | — | — | — | — | — | — | — | — | — | — |
| Roche's Point | 30.30 r | 40 | 38 | N | 1 | 2 | NNE | 9 | co | — | 1 |
| Pembroke ... | 30.21 r | 40 | 36 | WNW | 4 | 3 | NNE | 9 | o | — | 2 |
| Penzance ... | 30.27 r | 38 | 36 | NW | 2 | 4 | N | 8 | o | — | 1 |
| Plymouth ... | ? 30.28 r | 37 | 35 | N | 1 | 3 | N | 5 | c | — | 0 |
| Portsmouth ... | 30.19 r | 35 | 34 | N | 1 | 2 | ENE | 9 | o | — | 1 |
| London ... | 30.15 r | 36 | 34 | WNW | 2 | 2 | ENE | 9 | o | — | — |
| Helder ... | — | — | — | — | — | — | — | — | — | — | — |
| Cape Gris Nez | — | — | — | — | — | — | — | — | — | — | — |
| Brest ... | — | — | — | — | — | — | — | — | — | — | — |
| L'Orient ... | — | — | — | — | — | — | — | — | — | — | — |
| Rochefort ... | — | — | — | — | — | — | — | — | — | — | — |
| Biarritz ... | — | — | — | — | — | — | — | — | — | — | — |
| Corunna ... | — | — | — | — | — | — | — | — | — | — | — |
| Brussels ... | — | — | — | — | — | — | — | — | — | — | — |
| Paris ... | — | — | — | — | — | — | — | — | — | — | — |
| Strasbourg ... | — | — | — | — | — | — | — | — | — | — | — |
| Lyons ... | — | — | — | — | — | — | — | — | — | — | — |
| Toulon ... | — | — | — | — | — | — | — | — | — | — | — |
| Heart's Content (9 a.m. local time.) | — | — | — | — | — | — | — | — | — | — | — |

2 P.M. REPORT.

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

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

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

| | |
|-----|----------------|
| n. | Sea |
| es) | Distu (0 to |

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[illegible]

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

EIGHT A.M.

WEATHER REPORT. 1870. February 21

Morning

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Dist. (0 to 10) |
|---|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|--------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 29.01 | 25 | - | NNE | 6 | 6 | WSW | - | - | - | 6 |
| * Skudesnaes ... | 29.08 | 27 | - | WNW | 8 | 4 | WNW | - | - | - | 4 |
| * Oxo (Christiansand) | 28.92 | 27 | - | W | 6 | 6 | W | - | 6 | - | 2 |
| Thurso ... | 29.63 | 32 | - | N | 9 | 8 | NNW | 6 | 6 | 0.04 | 8 |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 29.71 | 30 | - | NE | 6 | 2 | W | 8 | 0 | - | 3 |
| Aberdeen ... | 29.60 | 28 | - | NNW | 6 | 7 | NNW | 9 | esg | - | 4 |
| Leith ... | 29.72 | 35 | 32 | NW | 5 | 7 | NW | 7 | c | - | 1 |
| Shields ... | - | 35 | 32 | NNW | 4 | ? | NW | 5 | 2c | ? | 3 |
| Scarborough ... | 29.65 | 34 | 32 | NNW | 6 | 5 | NW | 6 | c | - | 5 |
| Yarmouth ... | 29.65 | 34 | 33 | WNW | 2 | 4 | W | 6 | c | 0.12 | 2 |
| Ardrossan ... | 29.80 | 37 | 33 | NW | 6 | 9 | NW | 6 | 0c | 0.02 | 4 |
| Greencastle ... | 29.90 | 41 | 37 | NNW | 3 | 5 | WNW | 9 | 20 | 0.05 | 1 |
| Holyhead ... | 29.89 | 40 | 38 | WNW | 4 | 5 | W | 9 | 0 | - | 1 |
| Liverpool ... | 29.78 | - | - | NW | 5 | 5 | W | 6 | c | - | 4 |
| Valencia ... | 30.16 | 45 | 43 | NNW | 4 | 3 | NW | 8 | 20 | - | 3 |
| Cape Clear ... | | | | | | | | | | | |
| Roche's Point | 30.07 | 44 | 42 | NW | 5 | 5 | NW | 9 | 20 | - | 2 |
| Pembroke ... | 29.91 | 43 | 41 | NW | 6 | 6 | WNW | 9 | 0p | 0.01 | 3 |
| Penzance ... | 30.03 | 44 | 42 | NW | 5 | 5 | NW | 9 | 0p | - | 4 |
| Plymouth ... | 30.01 | 43 | 40 | NW | 3 | 3 | NNW | 9 | 00 | - | 2 |
| Portsmouth ... | 29.80 | 37 | 36 | NNW | 1 | 3 | NW | 9 | 22 | 0.07 | 1 |
| London ... | 29.76 | 37 | 34 | WNW | 4 | 5 | WNW | 9 | 220 | 0.01 | 1 |
| Helder ... | 29.69 | 35 | - | WNW | 7 | - | - | - | - | - | 4 |
| Cape Gris Nez | 29.72 | 32 | - | N | 3 | 4 | W | 9 | 6 | 0.02 | 1 |
| Brest ... | 30.06 | 45 | 40 | NW | 4 | 4 | NW | 8 | 0 | - | 2 |
| L'Orient ... | 30.06 | 41 | 39 | WNW | 4 | 3 | W | 9 | 0 | - | 2 |
| Rochefort ... | 30.16 | 39 | 37 | N | 5 | 5 | N | 9 | 0 | - | 1 |
| Biarritz ... | 30.26 | 34 | 32 | SE | 4 | 3 | E | 9 | 200 | - | 1 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 29.76 | 30 | - | NNW | 7 | 4 | SSW | 3 | 06 | - | 6 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

REMARKS.

Mon-day

Yesterday morning pressure was decreasing at all the northern stations while a further recovery was noticeable in the south-west; but to-day the decrease in the north has continued rapidly and extended to all our stations - Readings are now lowest in the north-east, that at Aberdeen being 0.56 in. less than that at Valencia. At Exr. pressure is below 29 ins.

Temperature after increasing generally yesterday has fallen rapidly on our north and north-east coasts to-day.

The wind has become generally moderate to fresh from the NW² in the British Islands, but a gale from the NW² has set in at Thurso, and from WNW at Skudomass.

The weather continues cloudy and is unsettled - The sea is moderate generally; but very high at Thurso.

Warnings issued to the Irish Channel and to our north and east coasts.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme | | Cloud. | Weather. | Rain. | Sea. |
|------------------|-------------------|--------------------|-------|---|-------|---|---------|----|--------|----------|-------|------|
| FEB ^y | | | | | | | | | | | | |
| 19 th | Rocheport | 29.90 ² | 30 | - | NE | 5 | 5 | NE | 9 | o | - | 1 |
| | Bonnema | 29.68 | 49 | - | NE | 3 | - | - | - | c | - | 2 |
| | Brunels | 29.95 | 28 | - | NE | 3 | - | - | - | o | - | - |
| | Paris | 29.84 | 26 | - | NW | 2 | - | - | - | o | - | - |
| | Strasbourg | 29.92 | 36 | - | N | 3 | - | - | - | o | - | - |
| | Lyon | 29.76 | 42 | - | WNW | 3 | - | - | - | o | - | - |
| | Heart's Content | 30.52 ^f | 11 | - | NNE | 1 | 5 | N | 8 | bo | - | 2 |
| | <u>Correction</u> | | | | | | | | | | | |
| | Port | 29.90 ³ | - | - | - | - | - | - | - | - | - | - |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 22

Tues. day

| 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 | 29.15 | 24 | - | NNW | 8 | 6 | N | - | 05 | - | 6 |
| * Skudesnaes ... | 29.26 | 27 | - | NNW | 6 | 8 | NNW | - | 05 | - | 4 |
| * Oxo (Christiansund) | 29.15 | 22 | - | NW | 6 | 6 | WNW | - | 6 | - | 2 |
| Thurso ... | 29.712 | 32 | - | NNE | 7 | 9 | N | 6 | 5 | ? | 4 |
| Wick ... | 29.672 | 30 | - | NNW | 6 | 8 | NNW | 8 | 5 | 0.07 | 5 |
| Nairn ... | 29.772 | 31 | - | NE | 3 | 4 | ENE | 6 | 00 | - | 2 |
| Aberdeen ... | 29.672 | 28 | - | NNW | 2 | 2 | NNW | 7 | 05 | 0.05 | 3 |
| Leith ... | 29.822 | 30 | - | W | 3 | 5 | NNE | 6 | c | - | - |
| Shields ... | - | 29 | - | NE | 2 | 3 | NE | 2 | sc | - | 28 |
| Scarborough ... | 29.742 | 29 | - | NNW | 4 | 8 | N | 4 | sc | 0.08 | 4 |
| Yarmouth ... | 29.682 | 30 | - | NNW | 3 | 6 | NNW | 6 | sc | 0.33 | 4 |
| Ardrossan ... | 29.862 | 34 | 34 | NNW | 4 | 8 | N | 5 | c | - | 3 |
| Greencastle ... | 29.912 | 37 | 35 | WNW | 1 | 4 | NNW | 9 | 20 | 0.07 | - |
| Holyhead ... | 29.912 | 36 | 32 | NNW | 5 | 6 | NW | 8 | 0 | 0.05 | - |
| Liverpool ... | 29.872 | - | - | NE | 3 | 2 | N | 2 | c | - | 2 |
| Valencia ... | 29.988 | 45 | 43 | N | 1 | 5 | NNW | 6 | mc | 0.03 | 0 |
| Cape Clear ... | | | | | | | | | | | |
| Roche's Point | 29.972 | 39 | 37 | Z | 0 | 7 | NW | 9 | 90 | - | 0 |
| Pembroke ... | 29.902 | 37 | 34 | N | 2 | 5 | NW | 7 | 00 | 0.08 | 2 |
| Penzance ... | 29.922 | 40 | 37 | N | 3 | 6 | NW | 6 | 00 | 0.06 | 3 |
| Plymouth ... | 29.992 | 37 | 34 | N | 1 | 4 | WNW | 3 | c | 0.31 | 3 |
| Portsmouth ... | 29.862 | 30 | - | N | 3 | 5 | N | 3 | 00 | 0.07 | 2 |
| London ... | 29.822 | 27 | - | NNW | 4 | 8 | NW | 0 | 056 | 0.01 | - |
| Helder ... | 29.46 | 30 | - | NW | 2 | - | - | - | - | - | 2 |
| Cape Gris Nez | 29.742 | 28 | - | NNW | 7 | 5 | W | 0 | 56 | 0.01 | 4 |
| Brest ... | | | | | | | | | | | |
| L'Orient ... | 29.838 | 41 | 39 | N | 3 | 5 | NW | 4 | c | 0.02 | 2 |
| Rochefort ... | 29.838 | 41 | 39 | NW | 5 | 5 | NW | 9 | 0 | - | 1 |
| Biarritz ... | 29.968 | 46 | 44 | W | 7 | 7 | W | 9 | mc 2 | 0.04 | 3 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | | | | | | | | | | | |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Tues. day

Pressure has now recovered somewhat in Norway and on our north and east coasts, while at our south-western stations and in the Bay of Biscay there has been a decrease—amounting to 0.3 in. at Biarritz. The lowest readings are in Norway, and pressure in the south of Ireland is 0.8 in. higher than that at Oslo.

The decrease in temperature which had commenced in Scotland yesterday has extended to the English and most of the Irish coasts. London is now 18° colder than Valencia.

It blew hard from the N^W, with some snow, on the north and east coasts of the British Isles and in Norway yesterday; but the winds have now become more moderate generally, and are principally from between NNW and NNE.

The sky has cleared considerably. The sea is generally moderate.

Dresses lowered this morning.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|------------------|-----------------|--------|-------|----|-------|---|----------|----|--------|----------|-------|------|
| FEBY | | | | | | | | | | | | |
| 21 ST | Wick | 29.59f | 30 | — | NNW | 7 | 7 | NW | 8 | s | 0.10 | 5 |
| — | Bonuma | 30.18 | 48 | — | NE | 3 | — | — | — | b | — | 2 |
| — | Brunels | 29.61 | 35 | — | W | 3 | — | — | — | s | — | — |
| — | Paris | 29.81 | 36 | — | WSW | 4 | — | — | — | of | — | — |
| — | Strasbourg | 29.88 | 33 | — | W | 6 | — | — | — | o | — | — |
| — | Lyons | 30.04 | 41 | — | W | 3 | — | — | — | o | — | — |
| — | Heart's Content | 30.17+ | 36 | 36 | NNE | 1 | 1 | NW | 7 | f | — | 1 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 23

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 | 29.13 | 24 | - | NNE | 4 | 4 | SSW | - | co | - | 2 |
| * Skudesnaes ... | 29.28 | 25 | - | NNE | 4 | 4 | NNW | - | cb | - | 2 |
| * Oxo (Christiansand) | 29.27 | 23 | - | W | 4 | 2 | SW | - | b | - | 1 |
| Thurso ... | 29.43f | 33 | 31 | NNE | 5 | 4 | W | 9 | s | ? | 3 |
| Wick ... | 29.39f | 31 | - | NNW | 3 | 5 | NNW | 8 | s | 0.11 | 4 |
| Nairn ... | 29.43f | 32 | - | NNW | 2 | 2 | NNE | 9 | so | 0.12 | 3 |
| Aberdeen ... | 29.39f | 31 | - | NNW | 1 | 1 | NW | 5 | sc | 0.10 | 2 |
| Leith ... | 29.37f | 36 | 36 | NE | 5 | 5 | NW | 9 | bs | - | 6 |
| Shields ... | - | 39 | 38 | W | 2 | 2 | W | 7 | cm | - | 3 |
| Scarborough ... | 29.44f | 35 | 34 | WSW | 4 | 4 | NNW | 7 | e | - | 2 |
| Yarmouth ... | 29.63f | 31 | - | SW | 2 | 5 | WNW | 4 | e | - | 2 |
| Ardrossan ... | - | - | - | - | - | - | - | - | - | - | - |
| Greencastle ... | 29.44f | 42 | 41 | WNW | 1 | 3 | WNW | 7 | or c | 0.13 | 1 |
| Holyhead ... | 29.53f | 42 | 42 | WNW | 3 | 5 | NNW | 9 | co | 0.05 | 2 |
| Liverpool ... | 29.48f | - | - | NNW | 3 | 4 | N | 8 | cr | - | 2 |
| Valencia ... | 29.65f | 43 | 42 | NNW | 1 | 2 | SW | 5 | fc | ? | 0 |
| Cape Clear ... | - | - | - | - | - | - | - | - | - | - | - |
| Roche's Point | 29.63f | 39 | 38 | W | 3 | 4 | S | 9 | mo | - | 2 |
| Pembroke ... | 29.59f | 44 | 43 | WSW | 5 | 4 | W | 9 | po | - | 3 |
| Penzance ... | 29.70f | 42 | 40 | S | 1 | 4 | N | 8 | o | - | 2 |
| Plymouth ... | 29.74f | 41 | 39 | WNW | 3 | 3 | N | 7 | e | - | 2 |
| Portsmouth ... | 29.70f | 37 | 35 | WSW | 1 | 3 | N | 9 | cr | - | 1 |
| London ... | 29.68f | 35 | 33 | W | 3 | 5 | NNW | 7 | obe | - | 2 |
| Helder ... | 29.64 | 31 | - | SW | 6 | - | - | - | - | - | 2 |
| Cape Gris Nez | 29.72f | 34 | 32 | SW | 5 | 7 | NW | 9 | bo | - | 3 |
| Brest ... | 29.70f | 41 | 39 | SSE | 3 | 3 | E | 9 | o | - | 3 |
| L'Orient ... | 29.72f | 41 | 39 | S | 4 | 4 | NE | 9 | co | - | 2 |
| Rochefort ... | 29.85f | 32 | - | ?N | 4 | 4 | N | 5 | e | - | 1 |
| Biarritz ... | 29.78f | 36 | 36 | SSE | 5 | 7 | W | 5 | rf | 0.16 | 3 |
| Corunna ... | - | - | - | - | - | - | - | - | - | - | - |
| Brussels ... | - | - | - | - | - | - | - | - | - | - | - |
| Paris ... | - | - | - | - | - | - | - | - | - | - | - |
| Strasbourg ... | - | - | - | - | - | - | - | - | - | - | - |
| Lyons ... | - | - | - | - | - | - | - | - | - | - | - |
| Toulon ... | 29.912 | 37 | 32 | W | 4 | 9 | NNW | 3 | e | - | 3 |
| Heart's Content (9 a.m. local time.) | - | - | - | - | - | - | - | - | - | - | - |

2 P.M. REPORT.

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

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

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

REMARKS.

Wednesday

Since yesterday a rather rapid decrease in pressure has taken place in the north of England and Ireland and in the southern part of Scotland, where readings have fallen about 0.4 in. during the night. Pressure is still highest in the south and south-west, and that at Rochefort exceeds by 0.48 in. that at Leith, and by 0.72 in. that at Christiansund.

Temperature has risen considerably in the British Isles.

The winds are moderate at present, but apparently circulate round an area near the border lands of England and Scotland, being NE^{ly} in the extreme north, NW^{ly} in the west and north-west, W^{ly} in the south, and SW^{ly} in the east of our Islands.

Snow fell heavily in Scotland last night. The sky is overcast and weather unsettled. The sea is calm generally.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|-------|--------------|-------|-------|----|-------|---|----------|-----|--------|----------|-------|------|
| FEB: | | | | | | | | | | | | |
| 22 | Brest | 29.85 | 43 | 34 | NNW | 3 | 4 | NW | 8 | o | 0.02 | 2 |
| " | Corunna | 30.00 | 47 | - | NE | 3 | - | - | - | 6 | - | 2 |
| " | Brussels | 29.61 | 32 | - | W | 6 | - | - | - | cs | - | - |
| " | Paris | 29.81 | 29 | - | NW | 2 | - | - | - | 6 | - | - |
| " | Strasbourg | 29.67 | 27 | - | NNW | 6 | - | - | - | c | - | - |
| " | Lyon | 29.73 | 34 | - | NE | 3 | - | - | - | e | - | - |
| " | Levant Coast | 29.48 | 34 | 34 | N | 1 | 1 | SSE | 8 | f | - | 1 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 24th

Thurs. day

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Dist. (0 to 10) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|--------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 29.17 | 17 | — | ESE | 4 | 4 | ENE | — | b | — | — |
| * Skudesnaes ... | 29.20 | 30 | — | W | 6 | 8 | NE | — | bse | — | 2 |
| Oxo (Christiansand) | 29.24 | 23 | — | W | 2 | 4 | NW | — | be | — | 3 |
| Thurso ... | 29.33 | 32 | — | W | 3 | 5 | N | 6 | s | — | 3 |
| Wick ... | 29.26 | 27 | — | WNW | 3 | 3 | NW | 7 | os | 0.03 | 3 |
| Nairn ... | 29.30 | 25 | — | WNW | 1 | 1 | NNW | 6 | c | — | 1 |
| Aberdeen ... | 29.29 | 27 | — | W | 1 | 1 | NNW | 9 | es | — | 1 |
| Leith ... | 29.24 | 32 | — | E | 2 | 3 | E | 9 | os | 0.35 | — |
| Shields ... | — | 34 | 34 | SW | 2 | 2 | W | 8 | s | — | 4 |
| Scarborough ... | — | 34 | 34 | SW | 2 | 4 | W | 9 | o | 0.06 | 3 |
| Yarmouth ... | 29.42 | 36 | 36 | SW | 2 | 3 | SSW | 6 | cm | — | 2 |
| Ardrossan ... | 29.21 | 36 | 36 | ENE | 3 | 6 | ENE | 9 | es | 0.31 | — |
| Greencastle ... | 29.22 | 37 | 35 | N | 4 | 3 | NW | 3 | ce | 0.12 | — |
| Holyhead ... | 29.34 | 41 | 40 | SW | 4 | 4 | WSW | 7 | oc | — | — |
| Liverpool ... | 29.30 | — | — | W | 2 | 3 | W | 5 | c | — | 1 |
| Valencia ... | 29.50 | 45 | 43 | N | 3 | 2 | NNW | 3 | ce | 0.02 | 1 |
| Cape Clear ... | — | — | — | — | — | — | — | — | — | — | — |
| Roche's Point | 29.45 | 41 | 39 | W | 2 | 3 | W | 2 | cb | — | 1 |
| Pembroke ... | 29.40 | 44 | 40 | W | 5 | 4 | WSW | 7 | oc | 0.05 | 3 |
| Penzance ... | 29.51 | 42 | 41 | Z | 0 | 4 | SW | 5 | of | 0.09 | 0 |
| Plymouth ... | 29.54 | 42 | 41 | Z | 0 | 3 | WSW | 9 | ef | 0.03 | 0 |
| Portsmouth ... | 29.47 | 41 | 40 | WSW | 1 | 4 | W | 8 | om | 0.07 | 1 |
| London ... | 29.46 | 39 | 38 | WSW | 2 | 6 | WSW | 9 | m20 | 0.02 | — |
| Helder ... | 29.45 | 35 | — | SW | 3 | — | — | — | — | — | 2 |
| Cape Gris Nez | 29.50 | 37 | 37 | SW | 4 | 5 | SW | 9 | om | — | 2 |
| Brest ... | 29.53 | 45 | 45 | Z | 0 | 4 | SSE | 7 | o | — | 1 |
| L'Orient ... | 29.53 | 43 | 41 | S | 3 | 4 | S | 8 | oc | — | 2 |
| Rochefort ... | 29.65 | 37 | 37 | SE | 4 | 4 | SE | 4 | c | — | 1 |
| Biarritz ... | 29.61 | 50 | 45 | S | 3 | 5 | S | 7 | cm | — | 2 |
| Corunna ... | — | — | — | — | — | — | — | — | — | — | — |
| Brussels ... | — | — | — | — | — | — | — | — | — | — | — |
| Paris ... | — | — | — | — | — | — | — | — | — | — | — |
| Strasbourg ... | — | — | — | — | — | — | — | — | — | — | — |
| Lyons ... | — | — | — | — | — | — | — | — | — | — | — |
| Toulon ... | 29.88 | 43 | 43 | NE | 5 | 9 | SE | 8 | o | 0.02 | 5 |
| Heart's Content (9 a.m. local time.) | — | — | — | — | — | — | — | — | — | — | — |

2 P.M. REPORT.

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

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

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

REMARKS.

Thurs-day

Since yesterday morning barometrical pressure has decreased at all stations (except Christianound), especially in the north-west, and in the English Channel. During the night the change has been greatest in the north-west; but the lowest reading in our Islands (at Androssan) is only 0.1 less than that at Rochefort.

Temperature has risen at the southern stations but fallen again at the northern.

The winds continue moderate generally; and have backed to W on the northern coasts, but veered to N in Ireland.

Snow has fallen heavily in the northern districts, and some rain in the south. An aurora was seen at Greenacote last night. The sky remains cloudy, with fog in the Channel. The sea is calm.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|------------------|----------------|--------|-------|----|-------|---|----------|----|--------|----------|-------|------|
| FEBY | | | | | | | | | | | | |
| 23 rd | Androssan | 29.40f | 41 | 40 | NW | 2 | 3 | SW | 6 | c | 0.05 | 2 |
| --- | Corunna | 29.69 | 48 | — | WSW | 3 | — | — | — | o | — | 2 |
| --- | Brunels | 29.79 | 29 | — | SW | 3 | — | — | — | — | — | — |
| --- | Paris | 29.86 | 26 | — | SE | 2 | — | — | — | o | — | — |
| --- | Strasbourg | 30.06 | 35 | — | SW | 6 | — | — | — | b | — | — |
| --- | Lyons | 30.01 | 41 | — | N | 1 | — | — | — | f | — | — |
| --- | Hearts Content | 29.76f | 36 | 36 | SSW | 1 | 1 | N | 8 | f | 0.05 | 1 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 25

Fri. day

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Dist. (0 to 10) |
|--|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|--------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 29.03 | 27 | - | SW | 8 | 4 | SW | - | o c | - | - |
| * Skudesnaes ... | 29.28 | 24 | - | Z | 0 | 4 | NNE | - | c b | - | 3 |
| * Oxo (Christiansand) | 29.24 | 22 | - | ? ENE | 2 | 2 | NNW | - | c | - | 1 |
| Thurso ... | 29.382 | 27 | - | W | 4 | 4 | NW | - | s | 2 | 3 |
| Wick ... | 29.362 | 25 | - | WNW | 3 | 4 | WNW | 5 | sc | 0.08 | 2 |
| Nairn ... | 29.412 | 26 | - | WNW | 1 | 1 | NNW | 7 | b o | - | 1 |
| Aberdeen ... | 29.442 | 29 | - | WSW | 1 | 2 | NNW | 9 | b m | - | 1 |
| Leith ... | 29.448 | 27 | - | ? E | 2 | 3 | NW | 9 | cs | 0.14 | - |
| Shields ... | - | 31 | - | WSW | 2 | 4 | NE | 5 | sm | ? | 7 |
| Scarborough... | 29.592 | 29 | - | S | 1 | 2 | W | 5 | c | 0.13 | 3 |
| Yarmouth ... | 29.672 | 31 | - | SSW | 2 | 3 | WSW | 2 | c | - | 2 |
| Ardrossan ... | 29.438 | 39 | 37 | WSW | 4 | 2 | NW | 8 | c o | 0.10 | 4 |
| Greencastle ... | 29.448 | 37 | 36 | W | 2 | 4 | N | 9 | cr | 0.02 | - |
| Holyhead ... | 29.562 | 40 | 38 | SSW | 3 | 5 | WNW | 8 | c o | 0.03 | - |
| Liverpool ... | 29.562 | - | - | S | 2 | 3 | W | 4 | mc | - | 1 |
| Valencia ... | 29.622 | 39 | 36 | E | 1 | 5 | NNW | 6 | b c | - | 1 |
| Cape Clear ... | | | | | | | | | | | |
| Roche's Point | 29.622 | 39 | 36 | W | 1 | 6 | NW | 3 | gpc | 0.02 | 1 |
| Pembroke ... | 29.602 | 43 | 41 | W | 2 | 5 | W | 7 | c | - | 2 |
| Penzance ... | 29.662 | 36 | 36 | W | 2 | 4 | W | 5 | c f | - | 1 |
| Plymouth ... | ? 29.702 | 34 | 33 | Z | 0 | 2 | W | 9 | c f | - | 0 |
| Portsmouth ... | 29.682 | 33 | 32 | Z | 0 | 4 | W | 4 | c f | - | 0 |
| London ... | 29.682 | 31 | - | WSW | 1 | 4 | WSW | - | c b m | - | - |
| Helder ... | 29.64 | 34 | - | W | 2 | - | - | - | - | - | 2 |
| Cape Gris Nez | 29.692 | 34 | 34 | E | 1 | 5 | WSW | 0 | o f | - | 0 |
| Brest ... | 29.632 | 39 | 37 | SE | 1 | 3 | NW | 4 | c f | - | 2 |
| L'Orient ... | 29.622 | 37 | 37 | ENE | 1 | 4 | S | 6 | c | 0.01 | 2 |
| Rochefort ... | 29.692 | 43 | 41 | SE | 3 | 3 | SE | 9 | o | - | 1 |
| Biarritz... | 29.672 | 50 | 45 | S | 3 | 1 | S | 3 | - | - | 1 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon... | 29.772 | 45 | 45 | SSW | 3 | 7 | E | 8 | rs | 0.05 | 4 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Fri. day.

Barometrical pressure has increased at nearly all stations since yesterday morning, mostly in the centre and east of England; but during the night a fresh decrease has set in on the north-west coasts. Readings are rather higher in the south than elsewhere, and that at Portsmouth exceeds by 0.27 in. that at Hain, and by 0.65 in. that at Skudesnaes.

Temperature is a little higher at most of the northern stations, but has fallen several degrees on the eastern and Channel coasts.

The winds continue light generally but have backed in the north-west, and are now chiefly from between W and S. At Christiania, however, it is blowing hard from the same quarter.

Some rain has fallen in the east of England. The sky continues cloudy, with thick fog in the Channel. The sea is moderate or calm.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|------------------|-----------------|--------------------|-------|---|-------|---|----------|-----|--------|----------|-------|------|
| FEBY | | | | | | | | | | | | |
| 24 TH | Scarboro' | 29.30 ^f | - | - | - | - | - | - | - | - | - | - |
| | Borunna | 29.60 | 50 | - | SW | 3 | - | - | - | c | - | 2 |
| | Brussels | 29.59 | 37 | - | SSW | 3 | - | - | - | c | - | - |
| | Paris | 29.64 | 33 | - | S | 2 | - | - | - | o | - | - |
| | Strasbourg | 29.83 | 37 | - | SE | 3 | - | - | - | o | - | - |
| | Lyons | 29.73 | 46 | - | S | 3 | - | - | - | o | - | - |
| | Heart's Content | 29.16 ⁿ | 24 | - | NNW | 2 | 2 | NNW | 2 | fbs | 0.05 | 2 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 26

Satur. day

| 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 ... | 29.31 f | 18 | — | NE | 4 | 3 | SSW | 0 | cb | — | 3 |
| Wick ... | | | | | | | | | | | |
| Nairn ... | 29.25 f | 26 | — | NW | 1 | 1 | W | 9 | eso | 0.04 | 1 |
| Aberdeen ... | 29.22 f | 29 | — | NW | 1 | 1 | SW | 4 | e | — | 1 |
| Leith ... | 29.27 f | 30 | — | NW | 1 | 2 | NW | 9 | ds | 0.71 | — |
| Shields ... | | | | | | | | | | | |
| Scarborough ... | 29.25 f | 36 | 34 | W | 4 | 4 | SSW | 0 | db | — | 3 |
| Yarmouth ... | 29.42 f | 36 | 35 | SW | 2 | 3 | SSW | 2 | e | — | 2 |
| Ardrossan ... | 29.26 f | — | — | ESE | 1 | 2 | NW | 7 | cs | 0.34 | 1 |
| Greencastle ... | 29.30 f | 34 | 33 | WSW | 3 | 3 | WNW | 6 | sc | 0.32 | — |
| Holyhead ... | 29.40 f | 37 | 35 | WSW | 3 | 4 | SSW | 7 | e | — | — |
| Liverpool ... | 29.30 f | — | — | W | 3 | 2 | SW | 5 | e | 0.11 | 2 |
| Valencia ... | 29.47 f | 40 | 39 | N | 2 | 3 | WSW | 7 | cp | 0.16 | 2 |
| Cape Clear ... | | | | | | | | | | | |
| Roche's Point | 29.44 f | 37 | 35 | NW | 1 | 3 | WSW | 2 | epb | 0.07 | 1 |
| Pembroke ... | 29.43 f | 41 | 39 | WNW | 3 | 5 | W | 5 | oc | 0.07 | 3 |
| Penzance ... | 29.49 f | 43 | 41 | WSW | 2 | 4 | W | 7 | cm | 0.02 | 2 |
| Plymouth ... | 29.51 f | 43 | 42 | W | 2 | 3 | WSW | 7 | e | 0.03 | 3 |
| Portsmouth ... | 29.49 f | 40 | 38 | WSW | 1 | 1 | SSW | 4 | e | — | 1 |
| London ... | 29.46 f | 38 | 36 | WSW | 3 | 3 | SW | 7 | mbc | — | — |
| Helder ... | 29.45 | 31 | — | SSW | 6 | — | — | — | — | — | 2 |
| Cape Gris Nez | 29.51 f | 36 | 36 | SSW | 4 | 4 | SSW | 9 | f | — | 0 |
| Brest ... | 29.53 f | 45 | 43 | Z | 0 | 4 | SW | 3 | oc | — | 3 |
| L'Orient ... | 29.53 | 39 | 39 | E | 1 | 2 | WNW | 5 | e | — | 1 |
| Rochefort ... | 29.65 | 41 | 41 | SE | 3 | 3 | SE | ? | o | — | 1 |
| Biarritz ... | 29.65 | 54 | 50 | S | 1 | 4 | S | 7 | cm | — | 3 |
| Corunna ... | | | | | | | | | | | |
| Brussels ... | | | | | | | | | | | |
| Paris ... | | | | | | | | | | | |
| Strasbourg ... | | | | | | | | | | | |
| Lyons ... | | | | | | | | | | | |
| Toulon ... | 29.85 | 45 | 45 | NE | 5 | 4 | WSW | 8 | er | — | 4 |
| Heart's Content (9 a.m. local time.) | | | | | | | | | | | |

2 P.M. REPORT.

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

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

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

REMARKS.

Satur day

The decrease of pressure noticed in the north-west yesterday has passed on to our east coast, and at Scarborough the mercury has fallen more than 0.3 in. in the last 24 hours; and the reading there is 0.40 in. less than that at Rochefort. During the night, however, a fresh recovery has set in over the south of Ireland.

Temperature has risen at the southern stations but fallen a little more in the north. Thurso is 25° colder than the English Channel.

The wind remains very light. It is N^W in Scotland changing to NW on the west, and W and SW on the south-east coasts. In the Bay of Biscay a light E^W breeze is reported.

Snow has again fallen in the north, and some rain in the south-west. The sky is clear on the east coast, cloudy elsewhere. The sea is calm.

CORRECTIONS AND ADDITIONS TO PREVIOUS REPORTS.

Reports received too late for insertion in their proper places.

| Date. | Station. | Bar. | Temp. | | Wind. | | Extreme. | | Cloud. | Weather. | Rain. | Sea. |
|-------------------|-----------------|--------|-------|----|-------|---|----------|---|--------|----------|-------|------|
| FEB ²⁵ | Corunna | 29.61 | 50 | — | SW | 3 | — | — | — | 2 | — | — |
| — | Brussels | 29.71 | 37 | — | SW | 1 | — | — | — | 0 | — | — |
| — | Paris | 29.74 | 38 | — | SW | 2 | — | — | — | 0 | — | — |
| — | Strasbourg | 29.92 | 41 | — | S | 3 | — | — | — | 0 | — | — |
| — | Lyons | 29.76 | 46 | — | N | 3 | — | — | — | 0 | — | — |
| — | Heart's Content | 29.90f | 37 | 35 | S | 3 | 3 | S | 2 | 6 | — | 3 |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870.

Sun-day

February 27th

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 4) |
|---|------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|--------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 29.86 | 30 | - | SW | 6 | 2 | SSW | — | bco | — | 6 |
| * Skudesnaes ... | - | 32 | - | ESE | 2 | 6 | NNE | — | b | — | 3 |
| * Oxo (Christiansand) | 29.62 | 28 | - | SW | 4 | 6 | W | — | b | — | 3 |
| Thurso ... | 29.52r | 31 | - | E | 2 | 3 | NNW | 3 | sf | 0.26 | 4 |
| Wick ... | - | - | - | - | - | - | - | - | - | - | - |
| Nairn ... | 29.50r | 30 | - | Z | 0 | 1 | W | 4 | sac | 0.13 | 3 |
| Aberdeen ... | 29.56r | 30 | - | Z | 0 | 1 | NW | 8 | sm | 0.14 | 2 |
| Leith ... | 29.53r | 36 | 35 | SSE | 1 | 2 | W | 7 | oc | 0.10 | 1 |
| Shields ... | — | 35 | 34 | SW | 2 | 3 | NW | 8 | o | - | 2 |
| Scarborough ... | 29.59r | 36 | 34 | S | 3 | 5 | WNW | 8 | bco | - | 3 |
| Yarmouth ... | 29.67r | 42 | 41 | S | 4 | 4 | WNW | 4 | e | - | 3 |
| Ardrossan ... | 29.49r | 37 | 36 | ESE | 3 | 4 | — | 8 | co | 0.05 | 2 |
| Greencastle ... | 29.40f | 38 | 36 | E | 2 | 4 | WSW | 9 | eto | 0.05 | 1 |
| Holyhead ... | 29.42f | 42 | 41 | SSE | 4 | 4 | SSW | 9 | co | 0.23 | — |
| Liverpool ... | - | - | - | - | - | - | - | - | - | - | - |
| Valencia ... | 29.08f | 44 | 43 | ? S | 5 | 3 | SW | 8 | ct | 0.40 | 4 |
| Cape Clear ... | - | - | - | - | - | - | - | - | - | - | - |
| Roche's Point | - | - | - | - | - | - | - | - | - | - | - |
| Pembroke ... | 29.37f | 44 | 44 | SSE | 5 | 5 | SE | 8 | o | 0.05 | 3 |
| Penzance ... | 29.40f | 47 | 47 | S | 5 | 5 | SW | 9 | cm | 0.05 | 5 |
| Plymouth ... | ? 29.50f | 47 | 46 | SSW | 5 | 3 | SW | 7 | e | - | 4 |
| Portsmouth ... | 29.60s | 43 | 42 | SSW | 2 | 4 | W | 8 | cr | 0.03 | 1 |
| London ... | 29.64r | 43 | 41 | SSW | 3 | 5 | WSW | 9 | cto | - | — |
| Helder ... | - | - | - | - | - | - | - | - | - | - | - |
| Cape Gris Nez | - | 41 | 37 | S | 4 | 4 | WSW | 8 | fo | - | 2 |
| Brest ... | 29.44f | 48 | 46 | SSE | 5 | 5 | SSE | 9 | o | - | 3 |
| L'Orient ... | 29.49f | 45 | 45 | S | 4 | 4 | ESE | 9 | of | - | 2 |
| Rochefort ... | 29.69f | 43 | 41 | SE | 3 | 1 | SSE | 9 | co | - | 1 |
| Biarritz ... | 29.66f | 54 | 45 | S | 4 | 4 | W | 4 | mc | 0.08 | 2 |
| Coruuna ... | 29.35 | 53 | — | NE | 6 | — | — | — | e | — | 4 |
| Brussels ... | 29.81 | 47 | — | SE | 1 | — | — | — | c | — | — |
| Paris ... | 29.77 | 38 | — | SSE | 2 | — | — | — | o | — | — |
| Strasbourg ... | 30.04 | 45 | — | SE | 1 | — | — | — | o | — | — |
| Lyons ... | 29.88 | 46 | — | E | 3 | — | — | — | b | — | — |
| Toulon ... | 29.93r | 45 | 45 | E | 4 | 5 | NE | 8 | to | 0.16 | 4 |
| Heart's Content (9 a.m. local time.) | 29.67r | 37 | 37 | E | 4 | 6 | E | 8 | tm | 0.64 | 3 |

2 P.M. REPORT.

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

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

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

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DIRECTOR.

EIGHT A.M.

WEATHER REPORT. 1870. February 28th

Morn. day

| STATIONS. | Barometer. | Thermometer. | | Present Wind. | | Extreme Wind. | | Amount of Cloud. (0 to 9.) | Weather. | Rain. (Inches) | Sea Disturb. (0 to 10) |
|---|--------------------|--------------|------|---------------|----------------------|----------------------|------------|-------------------------------|----------|-------------------|---------------------------|
| | | Dry. | Wet. | Direction. | Force. (0 to 12.) | Force. (0 to 12.) | Direction. | | | | |
| * Christiansund | 29.69 | 27 | - | W | 4 | 10 | SW | - | so | - | 4 |
| * Skudesnaes ... | 29.53 | 40 | 38 | SE | 6 | 6 | S | - | so | - | 4 |
| * Oxo (Christiansand) | 29.71 | 32 | - | NE | 4 | 2 | E | - | so | - | 2 |
| Thurso ... | 28.97 ^f | 38 | 37 | SSE | 5 | 6 | E | 6 | so | 0.36 | 2 |
| Wick ... | 28.97 ^f | 41 | 41 | S | 5 | 6 | SSE | 8 | o | 0.65 | 5 |
| Nairn ... | 28.99 ^f | 45 | 43 | SSW | 2 | 4 | E | 7 | o | 0.12 | 2 |
| Aberdeen ... | 29.09 ^f | 41 | 40 | S | 6 | 4 | E | 9 | so | 0.72 | 6 |
| Leith ... | 29.09 ^f | - | - | SW | 5 | 3 | SE | 5 | p | 0.33 | - |
| Shields ... | - | 45 | 44 | SW | 3 | 6 | SW | 8 | so | ? | 3 |
| Scarborough ... | 29.33 ^f | 46 | 45 | SSW | 5 | 4 | S | 8 | so | - | 4 |
| Yarmouth ... | 29.55 ^f | 42 | 41 | S | 4 | 5 | SSE | 4 | c | - | 4 |
| Ardrossan ... | 29.05 ^f | 46 | 44 | SW | 6 | 6 | SW | 7 | so | 1.05 | 6 |
| Greencastle ... | 28.96 ^f | 42 | 40 | SW | 6 | 8 | S | 2 | so | 0.22 | - |
| Holyhead ... | - | - | - | - | - | - | - | - | - | - | - |
| Liverpool ... | 29.28 | - | - | S | 4 | 2 | SE | 9 | cr | - | 1 |
| Valencia ... | 29.06 ² | 44 | 42 | SSW | 5 | 8 | S | 4 | so | 0.84 | 4 |
| Cape Clear ... | - | - | - | - | - | - | - | - | - | - | - |
| Roche's Point | 29.13 ² | 43 | 41 | SW | 6 | 10 | S | 5 | so | 0.41 | 5 |
| Pembroke ... | 29.26 ² | 46 | 45 | S | 6 | 7 | SSE | 8 | so | 0.07 | 0 |
| Penzance ... | 29.87 ² | 48 | 47 | SSW | 4 | 6 | S | 8 | sm | 0.02 | 4 |
| Plymouth ... | 29.43 ² | 48 | 47 | SSW | 5 | 7 | SE | 9 | cr | 0.03 | 4 |
| Portsmouth ... | 29.51 ² | 47 | 45 | SW | 4 | 4 | SSE | 9 | so | - | 3 |
| London ... | 29.52 ⁵ | 48 | 46 | SW | 3 | 4 | S | 6 | so | - | - |
| Helder ... | 29.65 | 39 | - | S | 5 | - | - | - | - | - | 2 |
| Cape Gris Nez | 29.57 ^f | 48 | 44 | S | 5 | 4 | S | 2 | c | - | 3 |
| Brest ... | 29.44 ² | 48 | 48 | SSW | 3 | 7 | SE | 9 | so | - | 4 |
| L'Orient ... | 29.51 ² | 46 | 44 | SW | 4 | 5 | S | 6 | c | - | 2 |
| Rochefort ... | 29.72 ² | 48 | 46 | SE | 5 | 5 | SE | 4 | c | - | 1 |
| Biarritz ... | 29.76 ² | 59 | 59 | S | 5 | 5 | S | 2 | mc | - | 3 |
| Corunna ... | - | - | - | - | - | - | - | - | - | - | - |
| Brussels ... | - | - | - | - | - | - | - | - | - | - | - |
| Paris ... | - | - | - | - | - | - | - | - | - | - | - |
| Strasbourg ... | - | - | - | - | - | - | - | - | - | - | - |
| Lyons ... | - | - | - | - | - | - | - | - | - | - | - |
| Toulon ... | 29.50 ^f | 48 | 48 | ENE | 7 | 5 | NE | 9 | or | - | 6 |
| Heart's Content (9 a.m. local time.) | - | - | - | - | - | - | - | - | - | - | - |

2 P.M. REPORT.

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

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

REMARKS.

Monday

The changes in barometrical pressure since Saturday have been considerable. It had recovered rapidly in the north and east yesterday from the depression recently noticed there, while in the south there was little change. A rapid fall had, however, set in at the western stations, which became very serious last night, and has since passed on to the northern districts, affecting the readings more or less on all coasts. A recovery has re-commenced in the west and south, and pressure at Greenacastle is 0.76 in. less than at Rochefort.

Temperature has increased everywhere — about 20° in Scotland.

The wind had backed to the S.W. yesterday, and during the day blew a hard gale in Ireland and at Christiansund, though on the other coasts it continued moderate. The gale has since subsided and moderated a little, but the weather appears very unsettled.

Snow has fallen in the north followed by heavy rain, and rain is also reported from the W. coasts. The sky is overcast; and the sea now moderate.

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. |
|------------------|-------------------|--------|-------|----|-------|---|----------|-----|--------|----------|-------|------|
| FEB ^r | | | | | | | | | | | | |
| 26 th | Christiansund | 29.15 | 28 | — | SE | 4 | 4 | SSE | — | c | — | 4 |
| — | Skudesnaes | 29.20 | 31 | — | E | 4 | 4 | S | — | c | — | 4 |
| 6 | Oxö | 29.22 | 25 | — | NNW | 4 | 2 | SW | — | bo | — | 3 |
| — | Corunna | 29.66 | 52 | — | SW | 3 | — | — | — | omt | — | 2 |
| — | Brussels | 29.53 | 41 | — | SW | 3 | — | — | — | o | — | — |
| — | Paris | 29.59 | 42 | — | W | 2 | — | — | — | or | — | — |
| — | Strasbourg | 29.78 | 41 | — | SE | 3 | — | — | — | c | — | — |
| — | Lyons | 29.73 | 34 | — | S | 3 | — | — | — | c | — | — |
| — | Hastelontout | 29.53f | 36 | 36 | SW | 2 | 6 | SSE | 8 | bro | 0.17 | 2 |
| — | <u>Correction</u> | | | | | | | | | | | |
| — | Anderson | — | 27 | — | — | — | — | — | — | — | — | — |

Meteorological Office,

ROBERT H. SCOTT,

DIRECTOR.