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METEOROLOGICAL OFFICE.

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DAILY WEATHER REPORTS.

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1<sup>ST</sup> JANUARY — 30<sup>TH</sup> JUNE,

1873.



Wednesday 8 a.m.

# WEATHER REPORT. JANUARY. 1<sup>st</sup> 1873

| STATIONS.                | BAROMETER.  |                               | THERMOMETERS.<br>(in shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Distance<br>0 to 100 |
|--------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|-----------------------------|
|                          | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                             |
|                          |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                             |
| *Christiansund...        | 29.57   | -.14                          | 44                           | 38           | +7  | —                 | —    | ESE       | 2                    | 2                    | ESE    | —                              | b                                    | —                                 | 4                           |
| *Skudesnaes ...          | 29.54   | -.24                          | 42                           | 41           | 0   | —                 | —    | ESE       | 6                    | 6                    | SSE    | —                              | r                                    | —                                 | 6                           |
| *Oxø (Xtiansand)         | 29.71   | -.18                          | 39                           | —            | +3  | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                           |
| *Fanø ...                | 29.79   | -.16                          | 40                           | 40           | +1  | —                 | —    | SSW       | 4                    | —                    | —      | —                              | o                                    | —                                 | —                           |
| Cuxhaven ...             |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                             |
| Sumburgh Head            |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                             |
| Stornoway (Hebrides)     | 29.212  | +0.05                         | 38                           | 36           | -6  | 44                | 36   | W         | 2                    | 8                    | S      | 0                              | b                                    | 0.09                              | 3                           |
| Thurso ...               | 29.212  | -.07                          | 35                           | 34           | -6  | 43                | 35   | S         | 1                    | 4                    | SSE    | 5                              | o                                    | 0.07                              | 2                           |
| Wick ...                 | 29.275  | -.06                          | 40                           | 38           | -3  | 45                | 37   | S         | 1                    | 4                    | S      | 4                              | c                                    | 0.07                              | 1                           |
| Nairn ...                | 29.312  | +0.01                         | 37                           | 36           | -4  | 45                | 36   | S         | 1                    | 2                    | S      | 4                              | c                                    | —                                 | 1                           |
| Aberdeen ...             | 29.322  | -.07                          | 41                           | 40           | -2  | 45                | 40   | SSW       | 1                    | 7                    | S      | 8.                             | c                                    | 0.06                              | 1                           |
| Leith ...                | 29.392  | +0.03                         | 43                           | 41           | +2  | 51                | 40   | W         | 4                    | 3                    | SW     | 2                              | c                                    | —                                 | —                           |
| Shields ...              | 29.502  | +0.04                         | 43                           | 42           | -1  | 46                | 41   | WSW       | 4                    | 6                    | S      | 6                              | c                                    | —                                 | —                           |
| York ...                 | 29.612  | +0.09                         | 41                           | 40           | -2  | 48                | 40   | S         | 1                    | 3                    | S      | 8                              | c                                    | 0.15                              | —                           |
| Scarborough ...          | 29.622  | +0.07                         | 40                           | 39           | -3  | 47                | 39   | WSW       | 3                    | 5                    | SSW    | 1                              | c                                    | 0.09                              | —                           |
| Nottingham ...           | 29.722  | +0.08                         | 41                           | 40           | -5  | 48                | 37   | SW        | 4                    | 5                    | SSE    | 10                             | r                                    | 0.04                              | —                           |
| Ardrossan ...            | 29.452  | +0.15                         | 46                           | 43           | 0   | 49                | 46   | SW        | 4                    | 6                    | SW     | 4                              | c                                    | 0.23                              | —                           |
| Greencastle ...          | 29.472  | +0.22                         | 41                           | 40           | -4  | 45                | 40   | SW        | 2                    | 5                    | SSW    | 2                              | c                                    | 0.07                              | —                           |
| Donaghadee ...           | 29.492  | +0.20                         | 38                           | 37           | -5  | 47                | 38   | SSW       | 2                    | 4                    | SSW    | 0                              | c                                    | 0.15                              | —                           |
| Kingstown ...            | 29.592  | +0.24                         | 44                           | 41           | -2  | 49                | 43   | WSW       | 4                    | 5                    | S      | 1                              | p                                    | 0.10                              | —                           |
| Holyhead ...             | 29.602  | +0.21                         | 44                           | 42           | -5  | 56                | 43   | SW        | 3                    | 4                    | S      | 3                              | p                                    | 0.25                              | —                           |
| Liverpool (Bidsien Obs.) | 29.682  | +0.16                         | 41                           | 39           | -6  | 48                | 40   | SW        | 3                    | 4                    | SSW    | 1                              | b                                    | 0.01                              | —                           |
| Valencia ...             | 29.552  | +0.27                         | 47                           | 45           | 0   | 52                | 44   | SW        | 4                    | 4                    | W      | 8                              | p                                    | 0.08                              | —                           |
| Roche's Point ...        | 29.612  | +0.25                         | 45                           | 44           | +2  | 48                | 40   | SW        | 4                    | 4                    | SW     | 8                              | o                                    | 0.20                              | —                           |
| Pembroke ...             | 29.712  | +0.24                         | 47                           | 45           | -1  | 49                | 44   | W         | 3                    | 7                    | SSW    | 6                              | g                                    | 0.07                              | —                           |
| Portishead ...           | 29.772  | +0.17                         | 42                           | 41           | -4  | 50                | 39   | WSW       | 3                    | 4                    | SW     | 4                              | p                                    | 0.05                              | —                           |
| Scilly ...               | 29.802  | +0.27                         | 47                           | 45           | -1  | 50                | 45   | SSW       | 5                    | 6                    | WSW    | 8                              | g                                    | 0.09                              | —                           |
| Plymouth ...             | 29.812  | +0.22                         | 42                           | 40           | -6  | 52                | 41   | W         | 0                    | 3                    | SW     | 0                              | r                                    | 0.14                              | —                           |
| Portsmouth ...           | 29.842  | +0.12                         | 44                           | 43           | -3  | 49                | 43   | SSW       | 3                    | 6                    | SW     | 3                              | r                                    | 0.37                              | —                           |
| Dover ...                | 29.852  | .00                           | 45                           | 44           | -1  | 48                | 44   | SW        | 3                    | 7                    | SSW    | 5                              | c                                    | 0.08                              | —                           |
| London ...               | 29.812  | +0.07                         | 41                           | 40           | -6  | 48                | 39   | SSW       | 2                    | 5                    | SSE    | 1                              | o                                    | 0.19                              | —                           |
| Oxford ...               | 29.772  | +0.10                         | 41                           | 40           | -5  | 48                | 41   | SW        | 2                    | 2                    | S      | 3                              | r                                    | 0.23                              | —                           |
| Cambridge ...            | 29.772  | +0.03                         | 40                           | 39           | -4  | 47                | 40   | SW        | 1                    | 2                    | SSE    | 5                              | r                                    | 0.16                              | —                           |
| Yarmouth ...             | 29.712  | -.06                          | 42                           | 41           | -3  | 46                | 41   | WSW       | 4                    | 7                    | SSW    | 3                              | r                                    | 0.04                              | —                           |
| *Helder ...              | 29.73   | -.21                          | 46                           | —            | +2  | —                 | —    | SW        | 7                    | —                    | —      | —                              | —                                    | —                                 | —                           |
| Cape Gris Nez...         | 29.862  | +0.01                         | 47                           | 45           | +4  | 49                | 42   | WSW       | 5                    | 5                    | S      | 8                              | r                                    | 0.20                              | —                           |
| Brest ...                | 29.932  | +0.25                         | 49                           | 45           | -1  | 52                | 43   | WSW       | 4                    | 7                    | SW     | 3                              | r                                    | 0.43                              | —                           |
| L'Orient ...             | 29.992  | +0.23                         | 44                           | 44           | -4  | 53                | 43   | SW        | 1                    | 7                    | WNW    | 4                              | r                                    | 0.59                              | —                           |
| Rocheport ...            | 30.112  | +0.18                         | 48                           | 44           | +2  | 54                | 45   | W         | 4                    | 7                    | SW     | 10                             | r                                    | 0.79                              | —                           |
| Biarritz ...             | 30.202  | +0.17                         | 48                           | 43           | -5  | 54                | 46   | SE        | 3                    | 7                    | SW     | 0                              | m                                    | —                                 | —                           |
| *Corunna ...             |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                             |
| *Brussels ...            | 29.91   | -.09                          | 50                           | —            | +7  | —                 | —    | SW        | 3                    | —                    | —      | —                              | o                                    | —                                 | —                           |
| *Charleville ...         | 30.10   | -.01                          | 44                           | —            | -3  | —                 | —    | SW        | —                    | —                    | —      | —                              | b                                    | —                                 | —                           |
| Paris ...                | 30.052  | -.04                          | 42                           | 40           | +4  | 49                | 41   | SSW       | 5                    | 9                    | SSW    | 0                              | r                                    | —                                 | —                           |
| *Lyons...                | 30.12   | +0.07                         | 54                           | —            | -2  | —                 | —    | S         | 3                    | —                    | —      | —                              | r                                    | —                                 | —                           |
| Toulon ...               | 30.202  | -.06                          | 49                           | 49           | -1  | 53                | 49   | SE        | 1                    | 4                    | S      | 7                              | o                                    | 0.12                              | —                           |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |      |    |    |    |   |   |     |   |   |     |    |   |   |   |
|-----------------|-------|------|----|----|----|---|---|-----|---|---|-----|----|---|---|---|
| Skudesnaes ...  | 29.70 | -.08 | 42 | 40 | 0  | — | — | SSE | 6 | — | —   | —  | o | — | 3 |
| Thurso ...      | 29.19 | -.09 | 43 | 41 | +2 | — | — | S   | 4 | 4 | SSE | 5  | c | — | 3 |
| Scarborough ... | 29.15 | -.04 | 45 | 44 | +2 | — | — | SW  | 4 | 5 | SSW | 2  | b | — | 4 |
| Greencastle ... | 29.25 | .00  | 45 | 43 | 0  | — | — | SSW | 3 | 5 | SSW | 6  | c | — | — |
| Holyhead ...    | 29.37 | -.02 | 48 | 47 | -1 | — | — | S   | 4 | 4 | S   | 7  | p | — | 3 |
| Valencia ...    | 29.27 | -.01 | 48 | 47 | +1 | — | — | W   | 4 | 3 | SSW | 4. | p | — | 4 |
| Scilly ...      | 29.46 | -.07 | 48 | 47 | 0  | — | — | WSW | 5 | 6 | SSW | 9  | r | — | 6 |
| London ...      | 29.64 | -.10 | 48 | 46 | +1 | — | — | SSE | 4 | 5 | S   | 10 | d | — | — |
| Rocheport ...   | 29.83 | -.10 | 49 | 45 | +3 | — | — | S   | 5 | — | —   | 10 | o | — | 4 |

The barometer has continued to fall at the S<sup>th</sup> and E<sup>th</sup> stations, but in the W, scarcely any change is reported. The wind has veered to W at Valencia, and to SW in the SW of St. Britain, with showing weather; and the sea continues rough at Scilly.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.** strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.

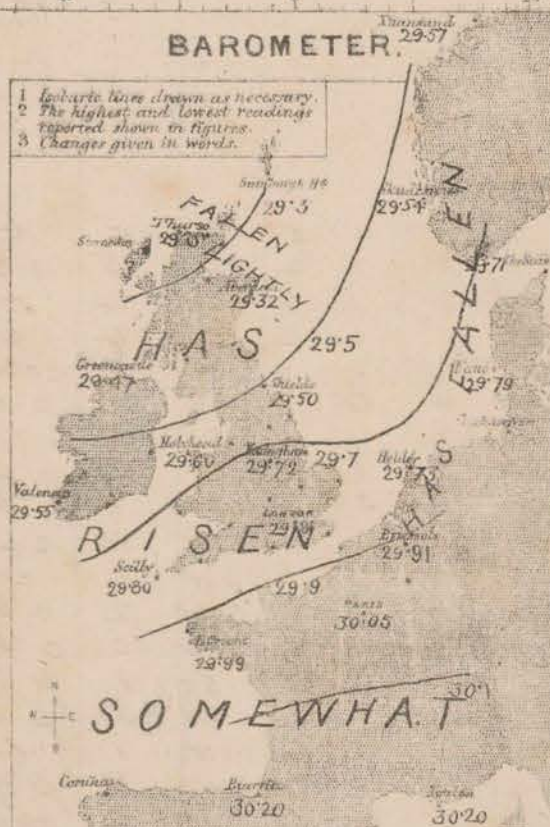


AND REMARKS FOR

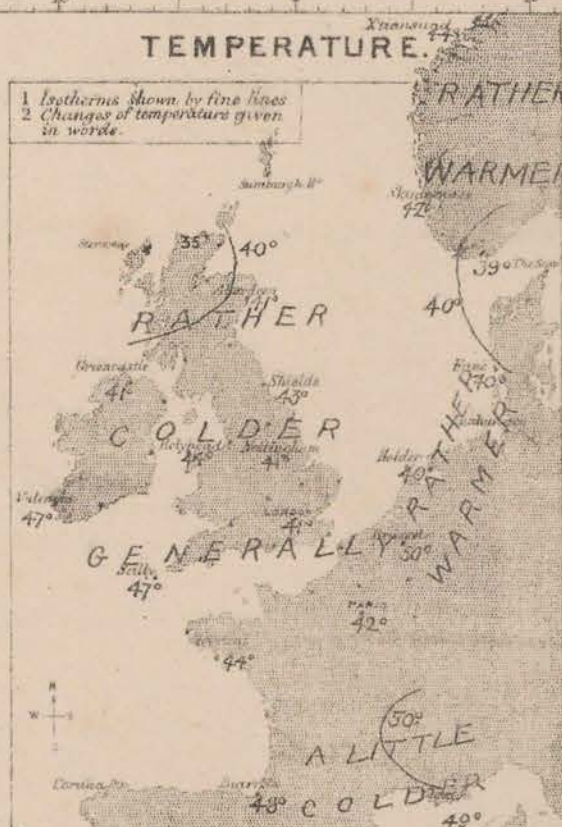
WEDNESDAY

1<sup>ST</sup> JAN:

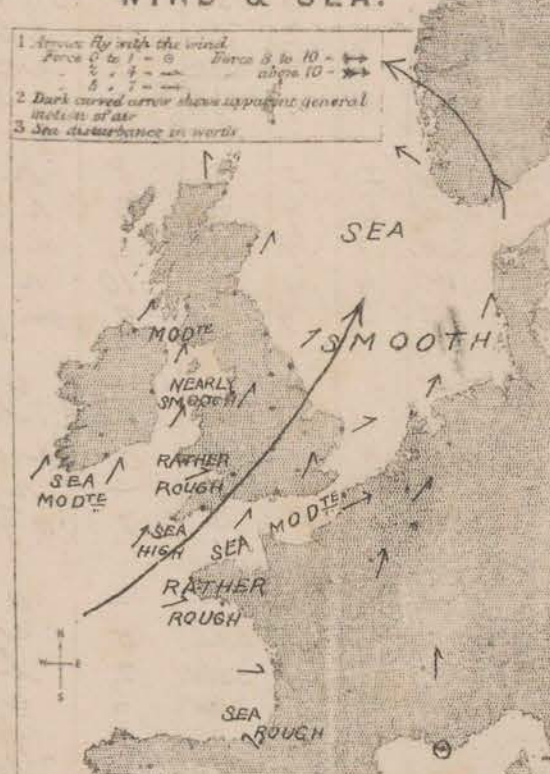
1873 AT 8 A.M.



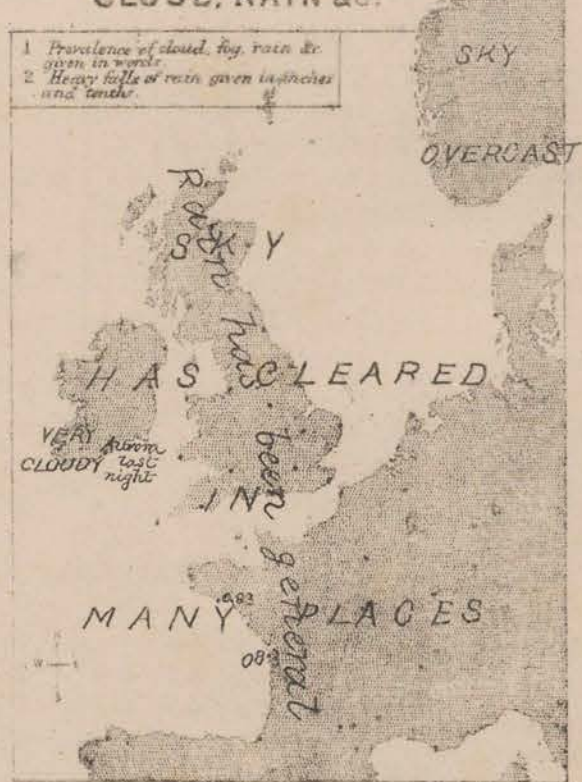
The barometer has continued to fall since yesterday on the eastern and southern shores of the North Sea, but a recovery has taken place here, which is most marked in the south-west. The lowest readings are now in the north of Scotland, and the gradient from Brussels to there is rather more than 0.06 in per 50 miles.



Temperature has risen a few degrees in Norway, and at the south eastern stations; but fallen a little elsewhere.



The wind has veered to SW or WSW in England, Ireland, and France, and is light to moderate generally. A strong SW breeze is blowing at Helder, while a fresh ESE wind is reported from Stadesnages. Light S. & W. winds prevail in the north of Scotland. The sea is high at Dally, rather rough at Pembroke and at the entrance to the Channel.



Aurora was seen at Roches P.  
 last night. Rain has been very general,  
 and heavy in the west of France. The  
 sky has cleared considerably in many places.

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Meteorological Office  
116, Victoria St., Westminster S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son, Lith. London, W.C.



Thurs-day 8 a.m.

# WEATHER REPORT.

June 2<sup>nd</sup> 1873

| STATIONS.                | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. |
|--------------------------|--|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|
|                          | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |
|                          |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |
| *Christiansund...        | 29.42  | -.15                          | 37                           | 35           | -7  | —                 | —    | ESE       | 2                    | 4                    | ESE    | —                              | cb                                   | —                                 |
| *Skudesnaes ...          | 29.42  | -.12                          | 42                           | 40           | 0   | —                 | —    | SE        | 6                    | 4                    | SSE    | —                              | co                                   | —                                 |
| *Oxö (X'tiansand)        | 29.60  | -.11                          | 40                           | 40           | +1  | —                 | —    | S         | 4                    | 6                    | WSW    | —                              | ro                                   | —                                 |
| *Fanö ...                | 29.70  | -.09                          | 39                           | 38           | -1  | —                 | —    | S         | 8                    | —                    | —      | —                              | c                                    | —                                 |
| Cuxhaven ...             | 29.766   | -.04                          | 41                           | 40           | -3  | 4.6               | —    | SSW       | 5                    | 5                    | SW     | 7                              | o                                    | —                                 |
| Sumburgh Head            |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| Stornoway (Hebrides.)    | 28.80f   | -.41                          | 43                           | 43           | +5  | 4.5               | 3.4  | S         | 8                    | 8                    | S      | 1                              | b                                    | 0.06                              |
| Thurso ...               | 28.93f   | -.28                          | 40                           | 39           | +5  | 4.2               | 3.4  | SSE       | 4                    | 6                    | SSE    | 7                              | gc                                   | 0.03                              |
| Wick ...                 | 28.89f   | -.38                          | 44                           | 42           | +4  | 4.5               | 4.1  | S         | 2                    | 5                    | S      | 8                              | co                                   | 0.06                              |
| Nairn ...                | 28.95f   | -.36                          | 43                           | 43           | +6  | 4.4               | 3.7  | W         | 6                    | 6                    | SSW    | 10                             | o                                    | —                                 |
| Aberdeen ...             | 29.02f   | -.30                          | 42                           | 41           | +1  | 4.5               | 3.8  | SSW       | 3                    | 6                    | SSW    | 8                              | bo                                   | 0.17                              |
| Leith ...                | 29.11f   | -.28                          | 43                           | 41           | 0   | 4.8               | 4.0  | SW        | 3                    | 3                    | SW     | 5                              | bc                                   | 0.03                              |
| Shields ...              | 29.22f   | -.28                          | 43                           | 42           | 0   | 4.5               | 4.3  | S         | 4                    | 7                    | SSW    | 7                              | c                                    | 0.02                              |
| York ...                 | 29.29f   | -.32                          | 44                           | 42           | +3  | 4.8               | 4.0  | S         | 2                    | 3                    | S      | 6                              | c                                    | 0.07                              |
| Scarborough ...          | 29.28f   | -.34                          | 44                           | 43           | +4  | 4.7               | 3.9  | SW        | 4                    | 4                    | SW     | 3                              | b                                    | 0.05                              |
| Nottingham ...           | 29.36f   | -.36                          | 46                           | 44           | +5  | 5.0               | 4.1  | SSW       | 3                    | 8                    | SSW    | 7                              | cu                                   | 0.01                              |
| Ardrossan ...            | 29.10f   | -.35                          | 45                           | 42           | -1  | 4.9               | 4.3  | SSW       | 5                    | 6                    | SSW    | 5                              | c                                    | 0.14                              |
| Greencastle ...          | 29.05f   | -.42                          | 42                           | 40           | +1  | 4.6               | 4.0  | SSW       | 6                    | 6                    | SSW    | 2                              | ob                                   | 0.05                              |
| Donaghadee ...           | 29.10f   | -.39                          | 41                           | 40           | +3  | 4.7               | 3.8  | SW        | 7                    | 8                    | SW     | 3                              | cb                                   | 0.28                              |
| Kingstown ...            | 29.23f   | -.36                          | 43                           | 40           | -1  | 4.8               | 4.2  | WSW       | 3                    | 9                    | S      | 9                              | ro                                   | 0.23                              |
| Holyhead ...             | 29.22f   | -.38                          | 45                           | 43           | +1  | 4.9               | 4.2  | SW        | 2                    | 6                    | SSE    | 10                             | po                                   | 0.26                              |
| Liverpool (Bidston Obs.) | 29.32f   | -.36                          | 45                           | 42           | +4  | 4.8               | 4.1  | S         | 2                    | 5                    | SE     | 9                              | co                                   | —                                 |
| Valencia ...             | 29.31f   | -.24                          | 44                           | 42           | -3  | 5.0               | 4.2  | W         | 6                    | 9                    | S      | 6                              | lp                                   | 0.72                              |
| Roche's Point ...        | 29.33f   | -.28                          | 40                           | 39           | -5  | 4.9               | 4.0  | W         | 3                    | 9                    | S      | 7                              | hlc                                  | 0.50                              |
| Pembroke ...             | 29.30f   | -.41                          | 46                           | 45           | -1  | 4.9               | 4.4  | SW        | 5                    | 9                    | SSW    | 10                             | tlg                                  | 0.31                              |
| Portishead ...           | 29.40f   | -.37                          | 45                           | 43           | +3  | 5.2               | 4.2  | WSW       | 4                    | 7                    | WSW    | 10                             | gp                                   | 0.12                              |
| Scilly ...               | 29.43f   | -.37                          | 46                           | 44           | -1  | 5.1               | 4.4  | WSW       | 6                    | 7                    | S      | 7                              | obw                                  | 0.23                              |
| Plymouth ...             | 29.42f   | -.39                          | 47                           | 46           | +5  | 5.3               | 4.1  | SW        | 3                    | 5                    | SSW    | 7                              | th                                   | 0.21                              |
| Portsmouth ...           | 29.48f   | -.36                          | 46                           | 45           | +2  | 5.0               | 4.2  | W         | 4                    | 6                    | SW     | 9                              | ot                                   | 0.33                              |
| Dover ...                | 29.51f   | -.34                          | 49                           | 48           | +4  | 4.9               | 4.4  | SW        | 6                    | 8                    | SW     | 6                              | c                                    | 0.15                              |
| London ...               | 29.46f   | -.35                          | 47                           | 45           | +6  | 4.9               | 3.9  | S         | 2                    | 8                    | S      | 8                              | bgc                                  | 0.16                              |
| Oxford ...               | 29.42f   | -.35                          | 47                           | 44           | +6  | 4.8               | 3.9  | SSW       | 2                    | 5                    | SW     | 10                             | ot                                   | 0.07                              |
| Cambridge ...            | 29.43f   | -.34                          | 46                           | 44           | +6  | 4.8               | 3.8  | SW        | 2                    | 3                    | SW     | 5                              | brc                                  | 0.12                              |
| Yarmouth ...             | 29.42f   | -.49                          | 47                           | 46           | +5  | 4.8               | 4.1  | SSW       | 5                    | 9                    | SSW    | 7                              | tg                                   | 0.13                              |
| *Helder ...              | 29.58  | -.15                          | 45                           | —            | -1  | —                 | —    | SSW       | 7                    | —                    | —      | —                              | —                                    | —                                 |
| Cape Gris Nez...         | 29.54f   | -.32                          | 47                           | 45           | 0   | 4.9               | 4.4  | WSW       | 7                    | 7                    | WSW    | 9                              | ro                                   | 0.39                              |
| Brest ...                | 29.58f   | -.35                          | 49                           | 44           | 0   | 5.2               | 4.5  | WSW       | 7                    | 8                    | S      | 10                             | r                                    | 0.63                              |
| L'Orient ...             | 29.68f   | -.31                          | 47                           | 47           | +3  | 5.7               | 4.4  | WSW       | 5                    | 8                    | SW     | 10                             | r                                    | 0.47                              |
| Rochefort ...            | 29.81f   | -.30                          | 52                           | 50           | +4  | 5.4               | 4.8  | SW        | 5                    | 5                    | S      | 10                             | ro                                   | 0.32                              |
| Biarritz ...             | 29.96f   | -.24                          | 54                           | 49           | +6  | 5.4               | 4.8  | SW        | 8                    | 4                    | S      | 9                              | o                                    | —                                 |
| *Corunna ...             |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| *Brussels ...            | 29.69  | -.22                          | 49                           | —            | -1  | —                 | —    | SSW       | 1                    | —                    | —      | —                              | r                                    | —                                 |
| *Charleville ...         | 29.77  | -.33                          | 43                           | —            | -1  | —                 | —    | S         | 6                    | —                    | —      | —                              | ot                                   | —                                 |
| Paris ...                | 29.74f   | -.31                          | 46                           | 44           | +4  | 4.9               | 4.4  | SW        | 9                    | 5                    | S      | 10                             | r                                    | 0.04                              |
| *Lyons...                | 29.94  | -.18                          | 53                           | —            | -1  | —                 | —    | SE        | 1                    | —                    | —      | —                              | c                                    | —                                 |
| Toulon ...               | 30.17f   | -.03                          | 46                           | 44           | -3  | 5.1               | 4.5  | E         | 4                    | 1                    | SSW    | 7                              | f                                    | —                                 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |       |    |    |    |   |   |     |   |   |     |    |    |   |
|-----------------|-------|-------|----|----|----|---|---|-----|---|---|-----|----|----|---|
| Skudesnaes ...  | 29.45 | -.09  | 42 | 41 | 0  | — | — | SE  | 4 | — | —   | —  | ot | — |
| Thurso ...      | 29.30 | +0.09 | 41 | 39 | +6 | — | — | SSW | 2 | 2 | SSW | 5  | c  | — |
| Scarborough ... | 29.63 | +0.01 | 43 | 41 | +3 | — | — | SW  | 4 | 3 | WSW | 1  | b  | — |
| Greencastle ... | 29.42 | -.05  | 43 | 41 | +2 | — | — | SSE | 4 | 5 | SSE | 9  | o  | — |
| Holyhead ...    | 29.58 | -.02  | 42 | 41 | -2 | — | — | SSW | 3 | 3 | SW  | 7  | c  | — |
| Valencia ...    | 29.15 | -.40  | 47 | 47 | 0  | — | — | S   | 8 | 9 | S   | 9  | r  | — |
| Scilly ...      | 29.62 | -.18  | 50 | 49 | +3 | — | — | S   | 7 | 7 | S   | 10 | r  | — |
| London ...      | 29.83 | +0.02 | 48 | 44 | +7 | — | — | SW  | 2 | 2 | WSW | 5  | bc | — |
| Rochefort ...   | 30.09 | -.02  | 53 | 49 | +5 | — | — | S   | 5 | — | —   | 6  | c  | — |

The barometer has fallen rapidly in the south-west since morning—especially at Valencia,—and the wind has increased to a fresh g from S, with rain, and a very high sea. Warnings issued to all coasts

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.** strongest wind experienced in past 24 hours. **WEATHER.** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transp. w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at



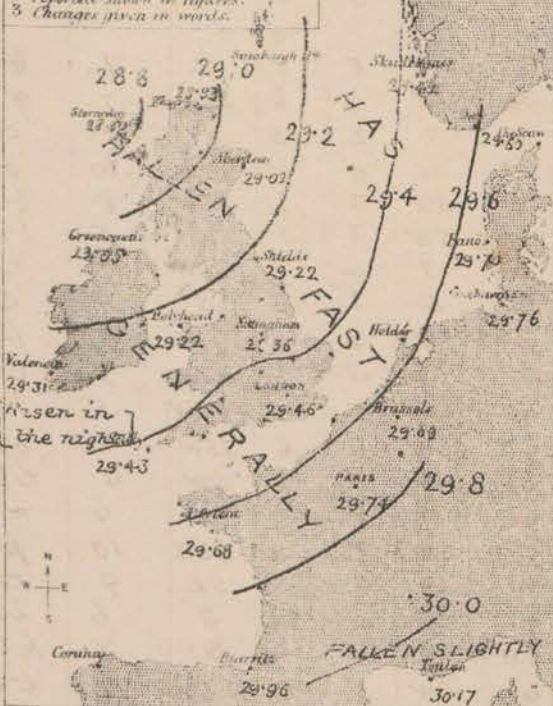
# WEATHER CHARTS

AND REMARKS FOR

THURSDAY 2<sup>ND</sup> JANUARY 1873 AT 8 A.M.

## BAROMETER.

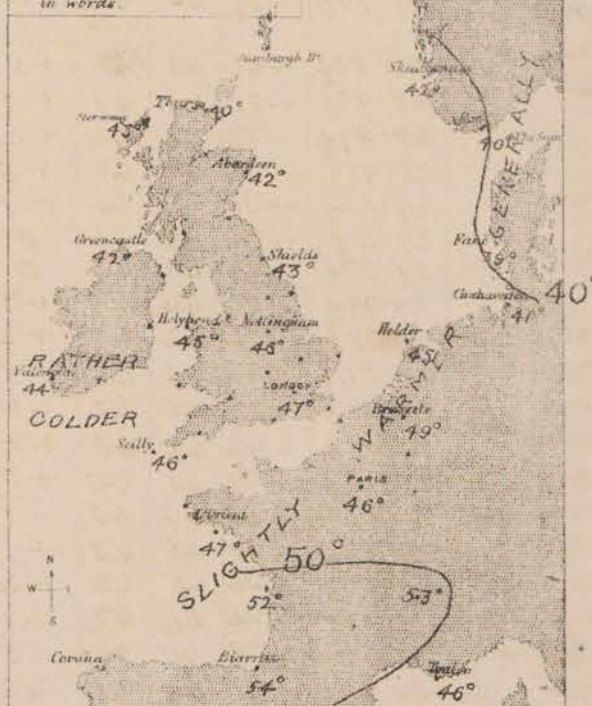
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



Yesterday afternoon the barometer had fallen very rapidly in the south of Ireland; and during the night the fall has extended to all other stations, but has been succeeded by a brisk recovery at Valencia. The gradient from Paris to Stormoway is 0.08 in per 5 miles, but is rather irregular - the deepest portion lying over the north of France.

## TEMPERATURE.

- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has fallen a few degrees in the south of Ireland but risen slightly elsewhere and is very uniform.

## WIND & SEA.

- 1 Arrows show the wind Force 0 to 10 - 11 to 12 - 13 to 14 - 15 to 16 - 17 to 18 - 19 to 20 - 21 to 22 - 23 to 24 - 25 to 26 - 27 to 28 - 29 to 30 - 31 to 32 - 33 to 34 - 35 to 36 - 37 to 38 - 39 to 40 - 41 to 42 - 43 to 44 - 45 to 46 - 47 to 48 - 49 to 50 - 51 to 52 - 53 to 54 - 55 to 56 - 57 to 58 - 59 to 60 - 61 to 62 - 63 to 64 - 65 to 66 - 67 to 68 - 69 to 70 - 71 to 72 - 73 to 74 - 75 to 76 - 77 to 78 - 79 to 80 - 81 to 82 - 83 to 84 - 85 to 86 - 87 to 88 - 89 to 90 - 91 to 92 - 93 to 94 - 95 to 96 - 97 to 98 - 99 to 100 - 101 to 102 - 103 to 104 - 105 to 106 - 107 to 108 - 109 to 110 - 111 to 112 - 113 to 114 - 115 to 116 - 117 to 118 - 119 to 120 - 121 to 122 - 123 to 124 - 125 to 126 - 127 to 128 - 129 to 130 - 131 to 132 - 133 to 134 - 135 to 136 - 137 to 138 - 139 to 140 - 141 to 142 - 143 to 144 - 145 to 146 - 147 to 148 - 149 to 150 - 151 to 152 - 153 to 154 - 155 to 156 - 157 to 158 - 159 to 160 - 161 to 162 - 163 to 164 - 165 to 166 - 167 to 168 - 169 to 170 - 171 to 172 - 173 to 174 - 175 to 176 - 177 to 178 - 179 to 180 - 181 to 182 - 183 to 184 - 185 to 186 - 187 to 188 - 189 to 190 - 191 to 192 - 193 to 194 - 195 to 196 - 197 to 198 - 199 to 200 - 201 to 202 - 203 to 204 - 205 to 206 - 207 to 208 - 209 to 210 - 211 to 212 - 213 to 214 - 215 to 216 - 217 to 218 - 219 to 220 - 221 to 222 - 223 to 224 - 225 to 226 - 227 to 228 - 229 to 230 - 231 to 232 - 233 to 234 - 235 to 236 - 237 to 238 - 239 to 240 - 241 to 242 - 243 to 244 - 245 to 246 - 247 to 248 - 249 to 250 - 251 to 252 - 253 to 254 - 255 to 256 - 257 to 258 - 259 to 260 - 261 to 262 - 263 to 264 - 265 to 266 - 267 to 268 - 269 to 270 - 271 to 272 - 273 to 274 - 275 to 276 - 277 to 278 - 279 to 280 - 281 to 282 - 283 to 284 - 285 to 286 - 287 to 288 - 289 to 290 - 291 to 292 - 293 to 294 - 295 to 296 - 297 to 298 - 299 to 300 - 301 to 302 - 303 to 304 - 305 to 306 - 307 to 308 - 309 to 310 - 311 to 312 - 313 to 314 - 315 to 316 - 317 to 318 - 319 to 320 - 321 to 322 - 323 to 324 - 325 to 326 - 327 to 328 - 329 to 330 - 331 to 332 - 333 to 334 - 335 to 336 - 337 to 338 - 339 to 340 - 341 to 342 - 343 to 344 - 345 to 346 - 347 to 348 - 349 to 350 - 351 to 352 - 353 to 354 - 355 to 356 - 357 to 358 - 359 to 360 - 361 to 362 - 363 to 364 - 365 to 366 - 367 to 368 - 369 to 370 - 371 to 372 - 373 to 374 - 375 to 376 - 377 to 378 - 379 to 380 - 381 to 382 - 383 to 384 - 385 to 386 - 387 to 388 - 389 to 390 - 391 to 392 - 393 to 394 - 395 to 396 - 397 to 398 - 399 to 400 - 401 to 402 - 403 to 404 - 405 to 406 - 407 to 408 - 409 to 410 - 411 to 412 - 413 to 414 - 415 to 416 - 417 to 418 - 419 to 420 - 421 to 422 - 423 to 424 - 425 to 426 - 427 to 428 - 429 to 430 - 431 to 432 - 433 to 434 - 435 to 436 - 437 to 438 - 439 to 440 - 441 to 442 - 443 to 444 - 445 to 446 - 447 to 448 - 449 to 450 - 451 to 452 - 453 to 454 - 455 to 456 - 457 to 458 - 459 to 460 - 461 to 462 - 463 to 464 - 465 to 466 - 467 to 468 - 469 to 470 - 471 to 472 - 473 to 474 - 475 to 476 - 477 to 478 - 479 to 480 - 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635 to 636 - 637 to 638 - 639 to 640 - 641 to 642 - 643 to 644 - 645 to 646 - 647 to 648 - 649 to 650 - 651 to 652 - 653 to 654 - 655 to 656 - 657 to 658 - 659 to 660 - 661 to 662 - 663 to 664 - 665 to 666 - 667 to 668 - 669 to 670 - 671 to 672 - 673 to 674 - 675 to 676 - 677 to 678 - 679 to 680 - 681 to 682 - 683 to 684 - 685 to 686 - 687 to 688 - 689 to 690 - 691 to 692 - 693 to 694 - 695 to 696 - 697 to 698 - 699 to 700 - 701 to 702 - 703 to 704 - 705 to 706 - 707 to 708 - 709 to 710 - 711 to 712 - 713 to 714 - 715 to 716 - 717 to 718 - 719 to 720 - 721 to 722 - 723 to 724 - 725 to 726 - 727 to 728 - 729 to 730 - 731 to 732 - 733 to 734 - 735 to 736 - 737 to 738 - 739 to 740 - 741 to 742 - 743 to 744 - 745 to 746 - 747 to 748 - 749 to 750 - 751 to 752 - 753 to 754 - 755 to 756 - 757 to 758 - 759 to 760 - 761 to 762 - 763 to 764 - 765 to 766 - 767 to 768 - 769 to 770 - 771 to 772 - 773 to 774 - 775 to 776 - 777 to 778 - 779 to 780 - 781 to 782 - 783 to 784 - 785 to 786 - 787 to 788 - 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1487 to 1488 - 1489 to 1490 - 1491 to 1492 - 1493 to 1494 - 1495 to 1496 - 1497 to 1498 - 1499 to 1500 - 1501 to 1502 - 1503 to 1504 - 1505 to 1506 - 1507 to 1508 - 1509 to 1510 - 1511 to 1512 - 1513 to 1514 - 1515 to 1516 - 1517 to 1518 - 1519 to 1520 - 1521 to 1522 - 1523 to 1524 - 1525 to 1526 - 1527 to 1528 - 1529 to 1530 - 1531 to 1532 - 1533 to 1534 - 1535 to 1536 - 1537 to 1538 - 1539 to 1540 - 1541 to 1542 - 1543 to 1544 - 1545 to 1546 - 1547 to 1548 - 1549 to 1550 - 1551 to 1552 - 1553 to 1554 - 1555 to 1556 - 1557 to 1558 - 1559 to 1560 - 1561 to 1562 - 1563 to 1564 - 1565 to 1566 - 1567 to 1568 - 1569 to 1570 - 1571 to 1572 - 1573 to 1574 - 1575 to 1576 - 1577 to 1578 - 1579 to 1580 - 1581 to 1582 - 1583 to 1584 - 1585 to 1586 - 1587 to 1588 - 1589 to 1590 - 1591 to 1592 - 1593 to 1594 - 1595 to 1596 - 1597 to 1598 - 1599 to 1600 - 1601 to 1602 - 1603 to 1604 - 1605 to 1606 - 1607 to 1608 - 1609 to 1610 - 1611 to 1612 - 1613 to 1614 - 1615 to 1616 - 1617 to 1618 - 1619 to 1620 - 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1755 to 1756 - 1757 to 1758 - 1759 to 1760 - 1761 to 1762 - 1763 to 1764 - 1765 to 1766 - 1767 to 1768 - 1769 to 1770 - 1771 to 1772 - 1773 to 1774 - 1775 to 1776 - 1777 to 1778 - 1779 to 1780 - 1781 to 1782 - 1783 to 1784 - 1785 to 1786 - 1787 to 1788 - 1789 to 1790 - 1791 to 1792 - 1793 to 1794 - 1795 to 1796 - 1797 to 1798 - 1799 to 1800 - 1801 to 1802 - 1803 to 1804 - 1805 to 1806 - 1807 to 1808 - 1809 to 1810 - 1811 to 1812 - 1813 to 1814 - 1815 to 1816 - 1817 to 1818 - 1819 to 1820 - 1821 to 1822 - 1823 to 1824 - 1825 to 1826 - 1827 to 1828 - 1829 to 1830 - 1831 to 1832 - 1833 to 1834 - 1835 to 1836 - 1837 to 1838 - 1839 to 1840 - 1841 to 1842 - 1843 to 1844 - 1845 to 1846 - 1847 to 1848 - 1849 to 1850 - 1851 to 1852 - 1853 to 1854 - 1855 to 1856 - 1857 to 1858 - 1859 to 1860 - 1861 to 1862 - 1863 to 1864 - 1865 to 1866 - 1867 to 1868 - 1869 to 1870 - 1871 to 1872 - 1873 to 1874 - 1875 to 1876 - 1877 to 1878 - 1879 to 1880 - 1881 to 1882 - 1883 to 1884 - 1885 to 1886 - 1887 to 1888 - 1889 to 1890 - 1891 to 1892 - 1893 to 1894 - 1895 to 1896 - 1897 to 1898 - 1899 to 1900 - 1901 to 1902 - 1903 to 1904 - 1905 to 1906 - 1907 to 1908 - 1909 to 1910 - 1911 to 1912 - 1913 to 1914 - 1915 to 1916 - 1917 to 1918 - 1919 to 1920 - 1921 to 1922 - 1923 to 1924 - 1925 to 1926 - 1927 to 1928 - 1929 to 1930 - 1931 to 1932 - 1933 to 1934 - 1935 to 1936 - 1937 to 1938 - 1939 to 1940 - 1941 to 1942 - 1943 to 1944 - 1945 to 1946 - 1947 to 1948 - 1949 to 1950 - 1951 to 1952 - 1953 to 1954 - 1955 to 1956 - 1957 to 1958 - 1959 to 1960 - 1961 to 1962 - 1963 to 1964 - 1965 to 1966 - 1967 to 1968 - 1969 to 1970 - 1971 to 1972 - 1973 to 1974 - 1975 to 1976 - 1977 to 1978 - 1979 to 1980 - 1981 to 1982 - 1983 to 1984 - 1985 to 1986 - 1987 to 1988 - 1989 to 1990 - 1991 to 1992 - 1993 to 1994 - 1995 to 1996 - 1997 to 1998 - 1999 to 2000 - 2001 to 2002 - 2003 to 2004 - 2005 to 2006 - 2007 to 2008 - 2009 to 2010 - 2011 to 2012 - 2013 to 2014 - 2015 to 2016 - 2017 to 2018 - 2019 to 2020 - 2021 to 2022 - 2023 to 2024 - 2025 to 2026 - 2027 to 2028 - 2029 to 2030 - 2031 to 2032 - 2033 to 2034 - 2035 to 2036 - 2037 to 2038 - 2039 to 2040 - 2041 to 2042 - 2043 to 2044 - 2045 to 2046 - 2047 to 2048 - 2049 to 2050 - 2051 to 2052 - 2053 to 2054 - 2055 to 2056 - 2057 to 2058 - 2059 to 2060 - 2061 to 2062 - 2063 to 2064 - 2065 to 2066 - 2067 to 2068 - 2069 to 2070 - 2071 to 2072 - 2073 to 2074 - 2075 to 2076 - 2077 to 2078 - 2079 to 2080 - 2081 to 2082 - 2083 to 2084 - 2085 to 2086 - 2087 to 2088 - 2089 to 2090 - 2091 to 2092 - 2093 to 2094 - 2095 to 2096 - 2097 to 2098 - 2099 to 2100 - 2101 to 2102 - 2103 to 2104 - 2105 to 2106 - 2107 to 2108 - 2109 to 2110 - 2111 to 2112 - 2113 to 2114 - 2115 to 2116



Friday 8 a.m.

# WEATHER REPORT.

Jan. 3<sup>rd</sup> 1873.

| STATIONS.                | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. |
|--------------------------|--|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|
|                          | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |
|                          |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |
| *Christiansund...        | 29.24  | -.18                          | 42                           | 37           | +5  | —                 | —    | E         | 2                    | 4                    | SSE    | —                              | co                                   | —                                 |
| *Skudesnaes ...          | 29.41  | -.01                          | 42                           | 41           | 0   | —                 | —    | SE        | 8                    | 6                    | ESE    | —                              | o                                    | —                                 |
| *Oxö (X'tiansand)        | 29.47  | -.13                          | 41                           | 39           | +1  | —                 | —    | WSW       | 6                    | 6                    | S      | —                              | r                                    | —                                 |
| *Fanö ...                | 29.84  | +1.14                         | 41                           | 40           | +2  | —                 | —    | S         | 6                    | —                    | —      | —                              | c                                    | —                                 |
| Cuxhaven ...             | 29.91  | +1.15                         | 40                           | 39           | -1  | 45                | —    | SW        | 5                    | 6                    | SSW    | 5                              | mc                                   | 0.09                              |
| Sumburgh Head            |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| Stornoway (Hebrides)     | 28.95  | +1.15                         | 41                           | 41           | -2  | 43                | 38   | S         | 5                    | 11                   | SW     | 9                              | rlg                                  | 0.47                              |
| Thurso ...               | 29.06  | +1.13                         | 37                           | 35           | -3  | 43                | 36   | SSE       | 3                    | 5                    | SSW    | 8                              | co                                   | —                                 |
| Wick ...                 | 29.07  | +1.18                         | 42                           | 40           | -2  | 44                | 37   | SSE       | 2                    | 5                    | SSW    | 10                             | o                                    | 0.01                              |
| Nairn ...                | 29.06  | +1.11                         | 42                           | —            | -1  | 45                | 36   | SW        | ?1                   | ?6                   | SW     | 6                              | c                                    | —                                 |
| Aberdeen ...             | 29.14  | +1.12                         | 42                           | 41           | 0   | 43                | 37   | S         | 8                    | 8                    | S      | 10                             | br                                   | 0.04                              |
| Leith ...                | 29.17  | +1.06                         | 45                           | 43           | +2  | 47                | 38   | SW        | 5                    | 5                    | SW     | 5                              | bc                                   | —                                 |
| Shields ...              | 29.34  | +1.12                         | 42                           | 40           | -1  | 44                | 39   | SW        | 6                    | 6                    | SW     | 8                              | co                                   | —                                 |
| York ...                 | 29.48  | +1.19                         | 44                           | 42           | 0   | 47                | 36   | SSW       | 5                    | 6                    | SSW    | 8                              | org                                  | 0.01                              |
| Scarborough ...          | 29.47  | +1.19                         | 42                           | 40           | -2  | 46                | 35   | SW        | 5                    | 4                    | SW     | 7                              | c                                    | —                                 |
| Nottingham ...           | 29.56  | +1.20                         | 47                           | 44           | +1  | 48                | 37   | S         | 7                    | 7                    | SSW    | 9                              | rw                                   | —                                 |
| Ardrossan ...            | 29.13  | +1.03                         | 47                           | 44           | +2  | 48                | 43   | SSW       | 7                    | 7                    | SSW    | 5                              | c                                    | 0.13                              |
| Greencastle ...          | 29.04  | -.01                          | 42                           | 40           | 0   | 43                | 37   | S         | 6                    | 6                    | S      | 3                              | ob                                   | 0.11                              |
| Donaghadee ...           | 29.14  | +1.04                         | 43                           | 42           | +2  | 45                | 37   | SW        | 7                    | 7                    | SW     | 2                              | b                                    | 0.11                              |
| Kingstown ...            | 29.26  | +1.03                         | 45                           | 41           | +2  | 47                | 43   | SW        | 6                    | 7                    | WSW    | 5                              | blu                                  | 0.27                              |
| Holyhead ...             | 29.31  | +1.09                         | 48                           | 45           | +3  | 48                | 42   | SSW       | 7                    | 9                    | SSW    | 6                              | bgc                                  | 0.25                              |
| Liverpool (Bidston Obs.) | 29.44  | +1.12                         | 43                           | 41           | -2  | 47                | 39   | SSW       | 5                    | 7                    | SSW    | 9                              | cog                                  | 0.30                              |
| Valencia ...             | 29.32  | +1.01                         | 45                           | 43           | +1  | 50                | 40   | W         | 8                    | 9                    | W      | 7                              | thp                                  | 0.92                              |
| Roche's Point ...        | 29.36  | +1.03                         | 43                           | 42           | +3  | 48                | 38   | W         | 5                    | —                    | WSW    | 7                              | plc                                  | 0.68                              |
| Pembroke ...             | 29.45  | +1.15                         | 49                           | 47           | +3  | 49                | 42   | W         | 7                    | 8                    | W      | 4                              | lg                                   | 0.13                              |
| Portishead ...           | 29.58  | +1.18                         | 48                           | 47           | +3  | 50                | 38   | SW        | 8                    | 8                    | SW     | 10                             | gh                                   | 0.39                              |
| Scilly ...               | 29.63  | +1.20                         | 48                           | 47           | +2  | 50                | 45   | SW        | 6                    | 7                    | W      | 8                              | hg                                   | 0.21                              |
| Plymouth ...             | 29.65  | +1.23                         | 48                           | 48           | +1  | 50                | 42   | SW        | 4                    | 5                    | SW     | 10                             | +                                    | 0.41                              |
| Portsmouth ...           | 29.79  | +1.31                         | 48                           | 46           | +2  | 49                | 41   | SSW       | 5                    | 5                    | SSW    | 9                              | pu                                   | 0.07                              |
| Dover ...                | 29.87  | +1.36                         | 47                           | 45           | -2  | 49                | 42   | SW        | 5                    | 5                    | SW     | 3                              | cgu                                  | 0.05                              |
| London ...               | 29.78  | +1.32                         | 45                           | 43           | -2  | 47                | 37   | SW        | 4                    | 6                    | SW     | 6                              | rbg                                  | 0.28                              |
| Oxford ...               | 29.68  | +1.26                         | 46                           | 44           | -1  | 49                | 38   | SSW       | 5                    | 8                    | SW     | 10                             | o                                    | 0.05                              |
| Cambridge ...            | 29.71  | +1.28                         | 43                           | 41           | -3  | 48                | 36   | S         | 2                    | 3                    | SW     | 5                              | gpc                                  | 0.12                              |
| Yarmouth ...             | 29.70  | +1.28                         | 44                           | 43           | -3  | 48                | 37   | SSW       | 6                    | 8                    | WSW    | 4                              | rc                                   | 0.06                              |
| *Helder ...              | 29.88  | +1.30                         | 44                           | —            | -1  | —                 | —    | SW        | 6                    | —                    | —      | —                              | —                                    | —                                 |
| Cape Gris Nez...         | 29.92  | +1.38                         | 43                           | 39           | -4  | 50                | 42   | W         | 7                    | 8                    | W      | 7                              | ro                                   | 0.12                              |
| Brest ...                | 29.86  | +1.28                         | 51                           | 49           | +2  | 51                | 46   | SW        | 8                    | 8                    | SW     | 10                             | r                                    | 0.20                              |
| L'Orient ...             | 29.98  | +1.30                         | 51                           | 51           | +4  | 54                | 43   | SW        | 7                    | 8                    | WNW    | 9                              | ro                                   | 0.08                              |
| Rochefort ...            | 30.17  | +1.36                         | 50                           | 45           | -2  | 54                | 45   | SW        | 5                    | 7                    | W      | 6                              | c                                    | 0.24                              |
| Biarritz ...             | 30.27  | +1.31                         | 46                           | 41           | -8  | 54                | 46   | SSE       | 4                    | 8                    | SW     | 4                              | rc                                   | 0.32                              |
| *Corunna ...             |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| *Brussels ...            | 30.03  | +1.34                         | 42                           | —            | -7  | —                 | —    | E         | 1                    | —                    | —      | —                              | b                                    | —                                 |
| *Charleville ...         | 30.17  | +1.40                         | 37                           | —            | -6  | —                 | —    | SSE       | 1                    | —                    | —      | —                              | o                                    | —                                 |
| Paris ...                | 30.13  | +1.39                         | ?35                          | ?35          | -11   | 50                | 34   | SSW       | 5                    | 5                    | WSW    | 1                              | bf                                   | 0.08                              |
| *Lyons...                | 30.22  | +1.28                         | 48                           | —            | -5  | —                 | —    | N         | 1                    | —                    | —      | —                              | b                                    | —                                 |
| Toulon...                | 30.11  | -.06                          | 42                           | 40           | -4  | 48                | 42   | NW        | 5                    | 1                    | S      | 2                              | oc                                   | 0.28                              |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |       |    |    |    |   |   |     |   |   |     |   |    |   |
|-----------------|-------|-------|----|----|----|---|---|-----|---|---|-----|---|----|---|
| Skudesnaes ...  | 29.68 | +1.26 | 44 | 43 | +2 | — | — | SSE | 6 | — | —   | — | or | — |
| Thurso...       | 28.87 | -.06  | 41 | 38 | +1 | — | — | SSW | 2 | 4 | SSE | 5 | c  | — |
| Scarborough ... | 29.29 | +1.01 | 45 | 43 | +1 | — | — | WSW | 3 | 4 | SW  | 7 | c  | — |
| Greencastle ... | 29.16 | +1.11 | 42 | 40 | 0  | — | — | SW  | 6 | 6 | SW  | 8 | o  | — |
| Holyhead ...    | 29.35 | +1.13 | 44 | 41 | -1 | — | — | SSW | 3 | 3 | SSW | 3 | b  | — |
| Valencia ...    | 29.48 | +1.17 | 44 | 41 | 0  | — | — | W   | 6 | 6 | W   | 6 | p  | — |
| Scilly ...      | 29.61 | +1.18 | 47 | 43 | +1 | — | — | W   | 6 | 7 | W   | 5 | g  | — |
| London ...      | 29.48 | +1.02 | 47 | 44 | 0  | — | — | W   | 3 | 3 | WSW | 6 | rc | — |
| Rochefort ...   | 29.91 | +1.10 | 53 | 48 | +1 | — | — | W   | 5 | — | —   | 6 | c  | — |

Pressure has increased somewhat in the west and south, but decreased a little at Thurso. The wind has veered to W at all the southern stations beyond this there has been very little change. Drums lowered on the east coast.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.** strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; v. visibility; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m. N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8



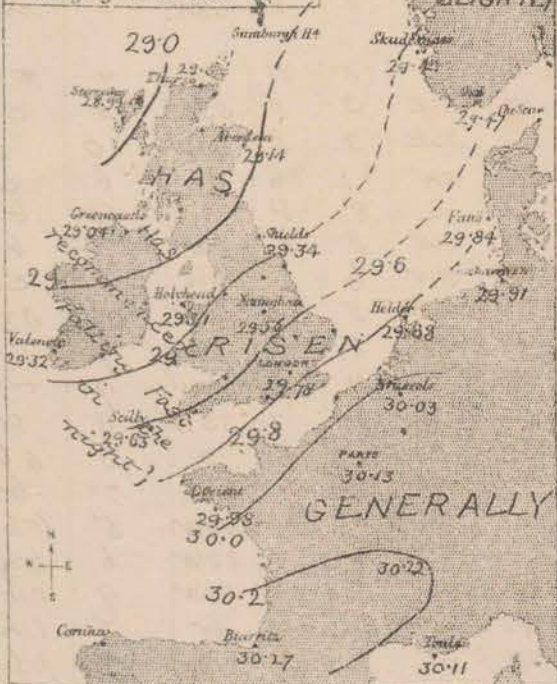
# WEATHER CHARTS

AND REMARKS FOR

FRI DAY 3<sup>RD</sup> JANUARY 1873 AT 8 A.M.

## BAROMETER.

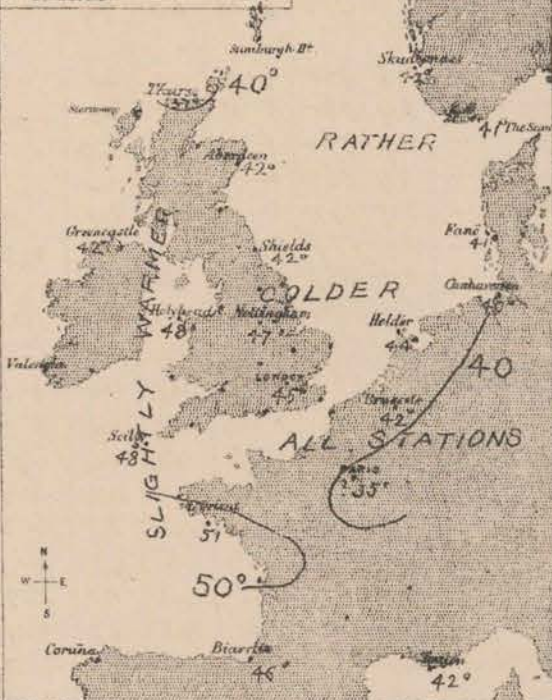
- 1 Isobaric lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



Yesterday afternoon the barometer had begun to rise quickly at the south-western stations, and the change subsequently extended to all our own and the French stations. During the night, however, a fresh decrease has set in over Ireland, and the gradient from Dover to Newcastle is 0.09 in per 50 miles.

## TEMPERATURE.

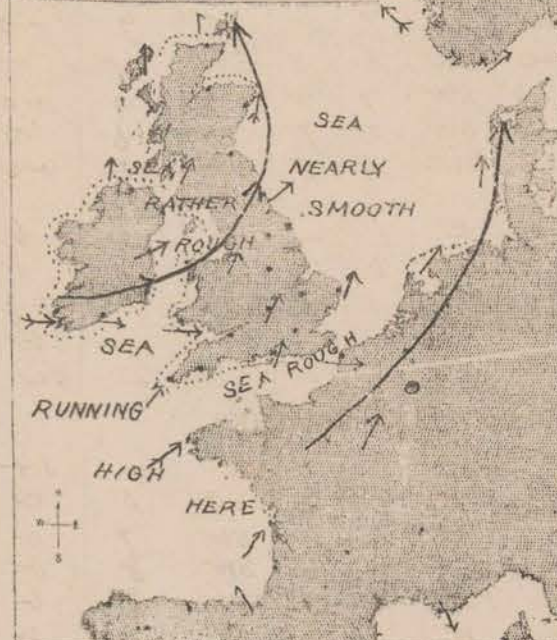
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has risen slightly at the western and south-western stations, fallen slightly elsewhere.

## WIND & SEA.

- 1 Arrows fly with the wind  
Force 0 to 1 - Force 8 to 10 -   
2 Dark curved arrow shows apparent general motion of air



The wind veered to W at all the southern stations yesterday afternoon but has now backed to SW again. W to S winds now prevail in our Islands, France and Holland, blowing strongly, with squalls, in most places and reaching the force of a gale in Scotland and at the mouth of the Channel. In the west of Norway it draws round to SE, and blows a gale at Skudesnaes. The sea runs high in the W and SW.

## CLOUD, RAIN & C.

- 1 Prevalence of cloud, fog, rain &c. given in words
- 2 Heavy falls of rain given in inches and tenths



Rain has fallen at all the western and southern stations; thunder, lightning and hail have again occurred at several of our western and south-western ports. The weather continues very unsettled generally.

Subscriptions for these Charts payable in advance to cover delivery.  
Delivery by hand 1/4 per quarter.  
Book post 1/4 per quarter.

Meteorological Office  
110 Victoria St. Westminster S.W.  
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.



Satur. day 8 a.m.

# WEATHER REPORT.

Jan<sup>y</sup> 4<sup>th</sup> 1873

| STATIONS.                   | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                  |      | WIND.     |                      |                      |      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>—<br>In past<br>24 Hours. |
|-----------------------------|--|-------------------------------|------------------------------|--------------|---|------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|--|
|                             | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours |      | At 8 A.M. |                      | Extreme.             |      |                                |                                      |  |
|                             |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.             | Min. | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dir. |                                |                                      |  |
| *Christiansund...           | 29.59  | +0.35                         | 45                           | 37           | +3  | —                | —    | ESE       | 2                    | 2                    | ESE  | —                              | b.c.                                 | —                                      |
| *Skudesnaes ...             | 29.43  | +0.02                         | 44                           | 42           | +2  | —                | —    | W         | 6                    | 6                    | ESE  | —                              | o                                    | —                                      |
| *Oxö (X'tiansand)           | 29.47  | 0.0                           | 42                           | 41           | +1  | —                | —    | W         | 6                    | 8                    | SW   | —                              | r                                    | —                                      |
| *Fanö ...                   | 29.90  | +0.06                         | 41                           | 41           | 0   | —                | —    | SW        | 6                    | —                    | —    | —                              | c                                    | —                                      |
| Cuxhaven ...                | 29.92f   | +0.01                         | 43                           | 42           | +3  | —                | 38   | SW        | 4                    | 6                    | SSW  | 4                              | m.c.                                 | 0.08                                   |
| Sumburgh Head               |  |                               |                              |              |   |                  |      |           |                      |                      |      |                                |                                      |  |
| Stornoway (He-<br>brides.)  | 29.33v   | +0.38                         | 38                           | 37           | -3  | 41               | 34   | SW        | 2                    | 6                    | NW   | 10                             | r.g.                                 | 0.50                                   |
| Thurso ...                  | 29.38v   | +0.32                         | 37                           | 35           | 0   | 44               | 33   | SW        | 1                    | 5                    | W    | 0                              | c.p.b.                               | 0.08                                   |
| Wick ...                    | 29.44v   | +0.37                         | 35                           | 34           | -7  | 45               | 33   | S         | 1                    | 4                    | SW   | 10                             | c.o.                                 | 0.04                                   |
| Nairn ...                   | 29.48v   | +0.42                         | 39                           | 37           | -3  | 45               | 37   | SW        | 1                    | 2                    | SW   | 4                              | o.c.                                 | 0.09                                   |
| Aberdeen ...                | 29.53v   | +0.39                         | 37                           | 35           | -5  | 45               | 36   | S         | 1                    | 9                    | W    | 8                              | p.c.                                 | 0.12                                   |
| Leith ...                   | 29.60v   | +0.43                         | 41                           | 38           | -4  | 48               | 38   | SW        | 3                    | 7                    | SW   | 3                              | c.l.                                 | 0.08                                   |
| Shields ...                 | 29.72v   | +0.38                         | 39                           | 37           | -3  | 45               | 38   | SSW       | 2                    | 7                    | SW   | 6                              | c.m.                                 | 0.04                                   |
| York ...                    | 29.78v   | +0.30                         | 37                           | 36           | -7  | 48               | 36   | SSE       | 1                    | 7                    | SSW  | 10                             | y.o.                                 | 0.21                                   |
| Scarborough ...             | 29.80v   | +0.33                         | 36                           | 35           | -6  | 47               | 35   | SSW       | 3                    | 5                    | SW   | 10                             | o                                    | 0.16                                   |
| Nottingham ...              | 29.82v   | +0.26                         | 41                           | 40           | -6  | 50               | 40   | S         | 1                    | 9                    | SSW  | 9                              | g.l.m.                               | 0.27                                   |
| Ardrossan ...               | 29.56v   | +0.43                         | 43                           | 41           | -4  | 48               | 42   | SE        | 4                    | 10                   | SW   | 8                              | c.o.                                 | 0.26                                   |
| Greencastle ...             | 29.43v   | +0.39                         | 40                           | 39           | -2  | 45               | 39   | SSE       | 6                    | 9                    | WNW  | 9                              | g.p.                                 | 0.18                                   |
| Donaghadee ...              | 29.53v   | +0.39                         | 41                           | 40           | -2  | 45               | 35   | WSW       | 5                    | 8                    | SW   | 7                              | o                                    | 0.04                                   |
| Kingstown ...               | 29.54f   | +0.28                         | 45                           | 44           | 0   | 47               | 41   | SSE       | 5                    | 8                    | WSW  | 10                             | u.m.                                 | 0.03                                   |
| Holyhead ...                | 29.59v   | +0.28                         | 45                           | 44           | -3  | 49               | 42   | S         | 3                    | 7                    | SW   | 10                             | c.m.                                 | —                                      |
| Liverpool (Bidston<br>Obs.) | 29.74v   | +0.30                         | 40                           | 39           | -3  | 49               | 38   | SE        | 3                    | 7                    | SW   | 10                             | c.g.o.                               | —                                      |
| Valencia ...                | 29.40f   | +0.08                         | 44                           | 43           | -1  | 49               | 40   | SW        | 3                    | 7                    | W    | 9                              | v                                    | 0.78                                   |
| Roche's Point ...           | 29.44f   | +0.08                         | 46                           | 46           | +3  | 48               | 39   | S         | 8                    | 8                    | S    | 9                              | g.v.                                 | 0.28                                   |
| Pembroke ...                | 29.61f   | +0.16                         | 46                           | 45           | -3  | 51               | 44   | SE        | 7                    | 9                    | W    | 10                             | g.v.                                 | 0.12                                   |
| Portishead ...              | 29.77v   | +0.19                         | 46                           | 45           | -2  | 52               | 40   | SW        | 5                    | 7                    | WSW  | 10                             | g.v.                                 | 0.07                                   |
| Scilly ...                  | 29.64f   | +0.01                         | 52                           | 52           | +4  | 52               | 47   | SSW       | 5                    | 6                    | SSW  | 10                             | c.v.                                 | 0.29                                   |
| Plymouth ...                | 29.75f   | +0.10                         | 49                           | 49           | +1  | 53               | 45   | S         | 4                    | 5                    | S    | 10                             | r.g.                                 | 0.44                                   |
| Portsmouth ...              | 29.90v   | +0.11                         | 48                           | 47           | 0   | 49               | 45   | S         | 3                    | 8                    | W    | 10                             | g.v.                                 | 0.23                                   |
| Dover ...                   | 29.99v   | +0.12                         | 48                           | 47           | +1  | 49               | 45   | SW        | 3                    | 8                    | SW   | 5                              | r.g.w.                               | 0.30                                   |
| London ...                  | 29.91v   | +0.13                         | 44                           | 43           | -1  | 50               | 39   | SSW       | 2                    | 7                    | SSW  | 10                             | g.b.o.                               | 0.06                                   |
| Oxford ...                  | 29.87v   | +0.19                         | 43                           | 42           | -3  | 49               | 40   | S         | 2                    | 7                    | S    | 10                             | c.o.                                 | 0.30                                   |
| Cambridge ...               | 29.91v   | +0.20                         | 39                           | 38           | -4  | 47               | 37   | S         | 1                    | 5                    | SSW  | 10                             | h.v.o.                               | 0.47                                   |
| Yarmouth ...                | 29.88v   | +0.18                         | 41                           | 40           | -3  | 47               | 39   | SSW       | 4                    | 8                    | SSW  | 6                              | r.y.                                 | 0.44                                   |
| *Helder ...                 | 29.95  | +0.07                         | 45                           | —            | +1  | —                | —    | SW        | 6                    | —                    | —    | —                              | —                                    | —                                      |
| Cape Gris Nez...            | 30.01v   | +0.09                         | 48                           | 46           | +5  | 50               | 43   | SSW       | 4                    | 8                    | SW   | 8                              | r.o.                                 | 0.20                                   |
| Brest ...                   | 29.91f   | +0.05                         | 53                           | 53           | +2  | 54               | 45   | SW        | 8                    | 8                    | SW   | 10                             | r                                    | 0.39                                   |
| L'Orient ...                | 30.02v   | +0.04                         | 53                           | 51           | +2  | 55               | 47   | SW        | 8                    | 8                    | SW   | 9                              | r.o.                                 | 0.39                                   |
| Rochefort ...               | 30.21v   | +0.04                         | 48                           | 44           | -2  | 54               | 45   | S         | 4                    | 7                    | SW   | 5                              | o.c.                                 | 0.20                                   |
| Biarritz ...                | 30.25f   | -0.02                         | 49                           | 42           | +3  | 55               | 45   | SE        | 4                    | 4                    | S    | 3                              | c                                    | —                                      |
| *Corunna ...                |  |                               |                              |              |   |                  |      |           |                      |                      |      |                                |                                      |  |
| *Brussels ...               | 30.08  | +0.05                         | 50                           | —            | +8  | —                | —    | WSW       | —                    | —                    | —    | —                              | o                                    | —                                      |
| *Charleville ...            | 30.19  | +0.02                         | 45                           | —            | +8  | —                | —    | SW        | 6                    | —                    | —    | —                              | o                                    | —                                      |
| Paris ...                   | 30.15v   | +0.02                         | 47                           | 47           | +12   | 48               | 45   | S         | 4                    | 9                    | SSW  | 10                             | r                                    | 0.04                                   |
| *Lyons...                   | 30.27  | +0.05                         | 43                           | —            | -5  | —                | —    | N         | 1                    | —                    | —    | —                              | —                                    | —                                      |
| Toulon...                   | 30.29v   | +0.18                         | 46                           | 39           | +4  | 50               | 44   | ENE       | 1                    | 3                    | ?SSW | 1                              | b                                    | —                                      |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |       |    |    |    |   |   |     |   |   |     |    |      |   |
|-----------------|-------|-------|----|----|----|---|---|-----|---|---|-----|----|------|---|
| Skudesnaes ...  | 29.39 | -0.02 | 42 | 42 | 0  | — | — | SSE | 7 | — | —   | —  | o.r. | — |
| Thurso ...      | 28.95 | -0.11 | 43 | 40 | +6 | — | — | SSW | 3 | 3 | S   | 5  | c    | — |
| Scarborough ... | 29.41 | -0.06 | 45 | 43 | +3 | — | — | SW  | 4 | 5 | W   | 9  | o    | — |
| Greencastle ... | 29.05 | +0.01 | 41 | 41 | -1 | — | — | WNW | 9 | 9 | SSW | 16 | g.c. | — |
| Holyhead ...    | 29.37 | +0.06 | 46 | 43 | -2 | — | — | SW  | 7 | 7 | SW  | 6  | c    | — |
| Valencia ...    | 29.48 | +0.16 | 46 | 44 | +1 | — | — | W   | 5 | 7 | W   | 4  | p    | — |
| Scilly ...      | 29.67 | +0.04 | 50 | 49 | +2 | — | — | WSW | 6 | 6 | WSW | 6  | c    | — |
| London ...      | 29.67 | -0.11 | 50 | 48 | +5 | — | — | SW  | 6 | 7 | SSW | 9  | r.g. | — |
| Rochefort ...   | 30.12 | -0.05 | 53 | 49 | +3 | — | — | SW  | 5 | — | —   | 10 | o    | — |

A recovery of pressure has already set in over Ireland. At Greencastle the barometer has risen 0.17 in noon, while at our eastern stations and Rochefort the Mercury has fallen a little. A strong SW gale has been blowing our NW coasts, changing quickly to WNW at Greencastle and strong SW breezes prevail elsewhere. Warnings have been given to the NE coast of England and repeated to our N and West coasts.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

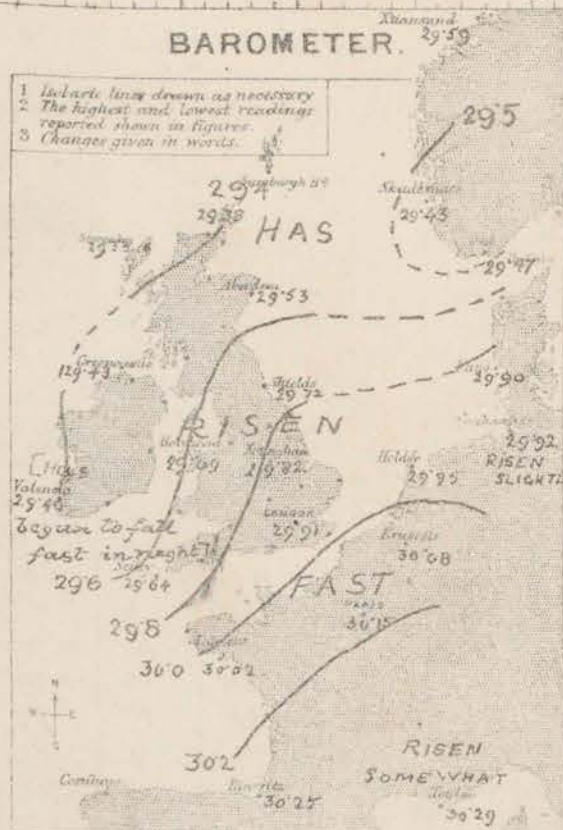
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 5



SATURDAY 4<sup>TH</sup> JAN<sup>Y</sup> 1873 AT 8 A.M.



A rapid recovery of pressure took place over the west and north of our Islands yesterday, extending also in less degree to our other coasts. During the night, however, this rise has again been succeeded by a sudden fall, in the south of Ireland and from Lorient to Roche's Pt. there is now a gradient of nearly 0.10 in per 50 miles.



Temperature has risen slightly at nearly all the Continental stations as well as in the east of Ireland, fallen on our other coasts.



Note A dotted line is drawn round these coasts to which warnings have been issued

The wind has again backed to S on SW throughout our Islands, and is already blowing a moderate to fresh gale in St. George's Channel and the north west of France. Elsewhere it is yet light. On the eastern shores of the North Sea fresh W to SW breezes are reported. The sea is high at Biarritz and Lillie, is rough in the W generally, moderate elsewhere.



Rain has been very prevalent and is again falling at the south western stations. A severe thunderstorm occurred at Nottingham yesterday. The sky is overcast generally and the weather remains very unsettled.

Warnings were repeated to the W. N and NE coasts yesterday and moved to the Sand SE coasts this morning.



Sun-day 8 a.m.

WEATHER REPORT. Jan 7<sup>th</sup> 1873.

| STATIONS.                   | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. |
|-----------------------------|--|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|
|                             | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |
|                             |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |
| *Christiansund...           | 29.06  | -.53                          | 42                           | 36           | -3  | —                 | —    | SSE       | 2                    | 2                    | SSW    | —                              | 6c                                   | —                                 |
| *Skudesnaes ...             | 29.31  | -.12                          | 42                           | 41           | -2  | —                 | —    | SSW       | 4                    | 4                    | SE     | —                              | o                                    | —                                 |
| *Oxö (x'tiansund)           | 29.39  | -.08                          | 42                           | 42           | 0   | —                 | —    | W         | 6                    | 4                    | W      | —                              | o                                    | —                                 |
| *Fanö ...                   | 29.61  | -.29                          | 43                           | 43           | +2  | —                 | —    | SSW       | 8                    | —                    | —      | —                              | or                                   | —                                 |
| Oxhaven ...                 | 29.74f   | -.18                          | 47                           | 46           | +4  | —                 | 40   | SW        | 5                    | 6                    | SW     | 9                              | ro                                   | 0.21                              |
| Sumburgh Head               |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| Stornoway (He-<br>brides.)  | 29.11r   | -.22                          | 35                           | 35           | -3  | 41                | 34   | W         | 2                    | 9                    | S      | 3                              | ht b                                 | 0.38                              |
| Thurso ...                  | 29.04f   | -.34                          | 36                           | 35           | -2  | 41                | 35   | SSW       | 2                    | 4                    | SSE    | 6                              | oc                                   | 0.04                              |
| Wick ...                    | 29.21r   | -.23                          | 39                           | 38           | +4  | 43                | 35   | —         | 1                    | 3                    | S      | 5                              | rc                                   | 0.28                              |
| Nairn ...                   | 29.18s   | -.30                          | 37                           | 35           | -2  | 43                | 36   | SW        | 2                    | 5                    | SW     | 8                              | o                                    | 0.09                              |
| Aberdeen ...                | 29.23f   | -.30                          | 37                           | 36           | 0   | 43                | 36   | SW        | 3                    | 7                    | S      | 6                              | oc                                   | 0.21                              |
| Leith ...                   | 29.35r   | -.25                          | 40                           | 38           | -1  | 44                | 38   | W         | 5                    | 3                    | S      | 3                              | ob                                   | 0.02                              |
| Shields ...                 | 29.45r   | -.27                          | 39                           | 37           | 0   | 45                | 39   | WSW       | 3                    | 5                    | SSW    | 4                              | ht c                                 | 0.06                              |
| York ...                    | 29.65r   | -.23                          | 40                           | 38           | +3  | 52                | 37   | W         | 1                    | 5                    | SW     | 2                              | rb                                   | 0.40                              |
| Scarborough ...             | 29.53r   | -.27                          | 40                           | 39           | +4  | 52                | 35   | WSW       | 5                    | 6                    | S      | 5                              | rc                                   | 0.18                              |
| Nottingham ...              | 29.66r   | -.16                          | 40                           | 38           | -1  | 55                | 40   | SSW       | 2                    | 8                    | S      | 0                              | rc m                                 | 0.37                              |
| Ardrossan ...               | 29.39r   | -.17                          | 42                           | 40           | -1  | 47                | 42   | SW        | 5                    | 6                    | SW     | 6                              | ht c                                 | 0.15                              |
| Greencastle ...             | 29.38r   | -.05                          | 38                           | 37           | -2  | 44                | 36   | SSW       | 4                    | 6                    | SSE    | 10                             | rg                                   | 0.19                              |
| Donaghadee ...              | 29.35s   | -.18                          | 38                           | 37           | -3  | 45                | 35   | SW        | 2                    | 5                    | S      | 10                             | co                                   | 0.09                              |
| Kingstown ...               | 29.48r   | -.06                          | 45                           | 43           | 0   | 50                | 38   | S         | 1                    | 6                    | SSE    | 10                             | go                                   | 0.06                              |
| Holyhead ...                | 29.51r   | -.08                          | 44                           | 42           | -1  | 52                | 41   | SW        | 4                    | 4                    | SW     | 7                              | oh g                                 | 0.16                              |
| Liverpool (Bidston<br>Obs.) | 29.61r   | -.13                          | 40                           | 38           | 0   | 51                | 39   | SE        | 2                    | 6                    | WSW    | 4                              | og c                                 | 0.12                              |
| Valencia ...                | 29.68  | +28                           | 43                           | 41           | -1  | 47                | 39   | W         | 7                    | 9                    | W      | 6                              | h                                    | 0.92                              |
| Roche's Point ...           | 29.51r   | +07                           | 44                           | 40           | -5  | 48                | 38   | W         | 6                    | 8                    | S      | 6                              | ht g                                 | 0.38                              |
| Pembroke ...                | 29.62r   | +01                           | 45                           | 43           | -1  | 51                | 43   | SW        | 7                    | 8                    | SW     | 10                             | g                                    | 0.34                              |
| Portishead ...              | 29.74r   | -.03                          | 40                           | 39           | -6  | 46                | 39   | SSE       | 3                    | 7                    | WSW    | 3                              | g r                                  | 0.71                              |
| Scilly ...                  | 29.81r   | +17                           | 46                           | 44           | -6  | 54                | 44   | WSW       | 6                    | 7                    | SSW    | 7                              | om                                   | 0.27                              |
| Plymouth ...                | 29.78r   | +03                           | 46                           | 44           | -3  | 54                | 43   | SW        | 4                    | 6                    | SSW    | 3                              | oc                                   | 0.16                              |
| Portsmouth ...              | 29.82r   | -.08                          | 45                           | 44           | -3  | 53                | 42   | W         | 2                    | 9                    | SW     | 3                              | rg b                                 | 0.45                              |
| Dover ...                   | 29.79f   | -.20                          | 43                           | 42           | -5  | 51                | 43   | SW        | 3                    | 8                    | WSW    | 4                              | c                                    | 0.10                              |
| London ...                  | 29.76r   | -.15                          | 40                           | 39           | -4  | 53                | 39   | SW        | 2                    | 8                    | SW     | 0                              | rg b                                 | 0.40                              |
| Oxford ...                  | 29.74r   | -.13                          | 41                           | 39           | -2  | 53                | 41   | SW        | 2                    | 7                    | SSW    | 0                              | rb                                   | 0.38                              |
| Cambridge ...               | 29.71r   | -.20                          | 42                           | 40           | +3  | 55                | 40   | SW        | 3                    | 6                    | SW     | 5                              | ht c                                 | 0.32                              |
| Yarmouth ...                | 29.04f   | -.24                          | 42                           | 41           | +1  | 52                | 40   | WSW       | 5                    | 10                   | SW     | 6                              | rc                                   | 0.31                              |
| *Helder ...                 |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| Cape Gris Nez...            | 29.82f   | -.19                          | 43                           | 41           | -5  | 52                | 43   | W         | 8                    | 8                    | SW     | 10                             | r                                    | 0.12                              |
| Brest ...                   | 29.95r   | +04                           | 49                           | 45           | -4  | 54                | 45   | W         | 7                    | 8                    | SSW    | 7                              | fo                                   | 0.35                              |
| L'Orient ...                | 30.02r   | .00                           | 45                           | 43           | -8  | 58                | 44   | W         | 3                    | 8                    | SW     | 5                              | oc                                   | 0.20                              |
| Rochefort ...               | 30.07f   | -.14                          | 53                           | 51           | +5  | 58                | 50   | W         | 5                    | 5                    | S      | 10                             | cr                                   | —                                 |
| Biarritz ...                | 30.17f   | -.08                          | 54                           | 45           | +5  | 55                | 49   | SW        | 5                    | 3                    | SE     | 8                              | co                                   | —                                 |
| *Corunna ...                |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| *Brussels ...               | 29.83  | -.25                          | 51                           | —            | +1  | —                 | —    | SSW       | 1                    | —                    | —      | —                              | r                                    | —                                 |
| *Charleville ...            | 29.99  | -.20                          | 44                           | —            | -1  | —                 | —    | SSE       | 3                    | —                    | —      | —                              | c                                    | —                                 |
| Paris ...                   | 29.95f   | -.20                          | 45                           | 39           | -2  | 54                | 43   | SW        | 5                    | 4                    | S      | 10                             | co                                   | —                                 |
| *Lyons...                   | 30.12  | -.15                          | 51                           | —            | +8  | —                 | —    | S         | 3                    | —                    | —      | —                              | b                                    | —                                 |
| Toulon...                   | 30.32f   | +03                           | 45                           | 40           | 1   | 48                | 44   | E         | 3                    | 1                    | NE     | 0                              | ht                                   | —                                 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |      |    |    |    |   |   |     |   |   |     |    |     |   |
|-----------------|-------|------|----|----|----|---|---|-----|---|---|-----|----|-----|---|
| Skudesnaes ...  | 29.65 | +22  | 42 | 40 | -2 | — | — | S   | 4 | — | —   | —  | c   | — |
| Thurso ...      | 29.29 | -.09 | 40 | 38 | +3 | — | — | SSE | 2 | 2 | S   | 9  | o   | — |
| Scarborough ... | 29.42 | -.18 | 42 | 40 | +6 | — | — | S   | 6 | 4 | SSW | 10 | r   | — |
| Greencastle ... | 29.29 | -.14 | 43 | 42 | +3 | — | — | SW  | 5 | 6 | SSE | 10 | r   | — |
| Holyhead ...    | 29.36 | -.23 | 50 | 49 | +5 | — | — | SW  | 4 | 4 | SW  | 10 | d   | — |
| Valencia ...    | 29.41 | +01  | 46 | 45 | +2 | — | — | W   | 3 | 3 | SW  | 9  | r   | — |
| Scilly ...      | 29.58 | -.06 | 54 | 53 | +2 | — | — | SSW | 7 | 7 | SSW | 9  | o   | — |
| London ...      | 29.76 | -.15 | 52 | 51 | +8 | — | — | SW  | 5 | 6 | SSW | 10 | g d | — |
| Rochefort ...   | 30.18 | -.03 | 52 | 47 | +4 | — | — | S   | 5 | — | —   | 4  | c   | — |

A slight rise of the barometer is reported from Valencia but elsewhere it has continued. The S<sup>ly</sup> gale has extended to Portsmouth and at Scarboro' the wind has freshened from the same with rain.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—strongest wind experienced in past 24 hours. **WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

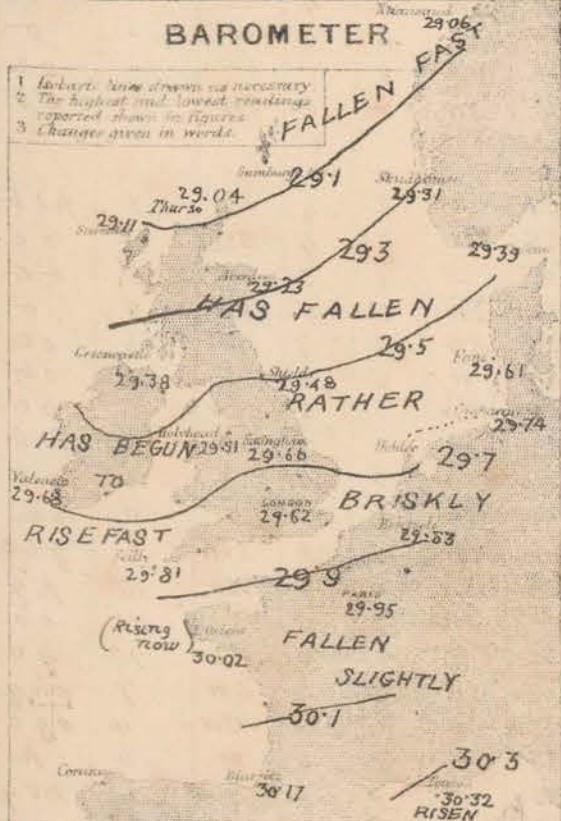
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

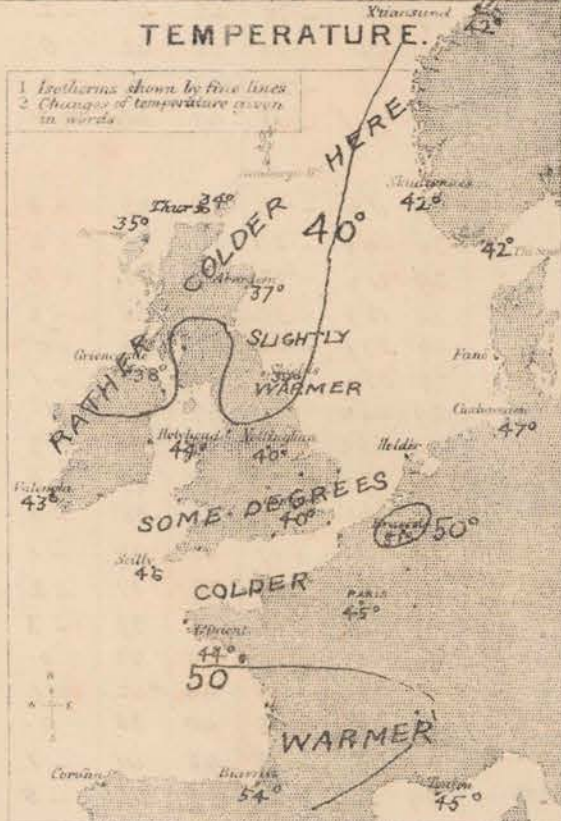
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at



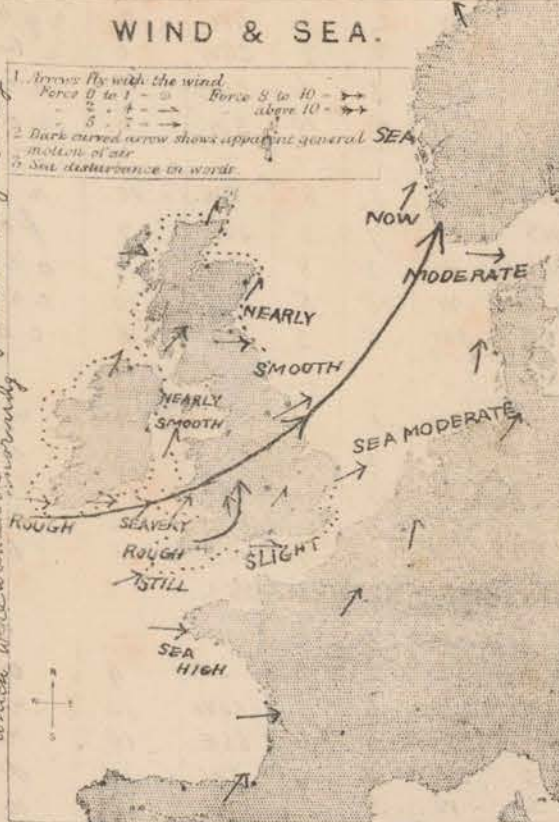
WEATHER CHARTS  
AND REMARKS FOR  
SUNDAY 5<sup>TH</sup> JANY 1873 AT 8 A.M.



The fall of the barometer noticed in the west yesterday extended to all other coasts during the day, but has been succeeded in the south of Ireland by a brisk recovery which has become felt as far east as London in the night. Readings are still highest over France, and from L Orient to Auriso there is a gradient of 0.045 in per 50 miles.



Temperature has changed very variably and is highest in the south west of France.



The wind rose to a gale from SW in several parts of our Islands yesterday. It has now veered to W in the south of Ireland and Bay of Biscay, to WSW in the Channel and though still strong and squally at several stations, it has moderated on the whole. The sea remains very rough in the south west.



Rain has again fallen on all  
coasts with hail and thunder in some  
places. The sky has since cleared,  
somewhat except in the north west, but the  
weather is still unsettled.  
Warnings were issued to nearly  
all our coasts on Friday or Saturday

Subscriptions for these Charts payable in advance  
to arrive delivery.  
Delivered by hand 10/- per quarter  
book post 5/- per quarter.

Meteorological Office  
116, Victoria Str<sup>t</sup>. Westminster, S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.



Mon-day 8 a.m.

# WEATHER REPORT. Jan 4 6<sup>th</sup> 1873

| STATIONS.                | BAROMETER.  |                               | THERMOMETERS<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. |
|--------------------------|---|-------------------------------|-----------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|
|                          | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                   |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extremes.            |        |                                |                                      |                                   |
|                          |   |                               | Dry<br>bulb.                | Wet<br>bulb. |   | Max.              | Min. | Dirco.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirco. |                                |                                      |                                   |
| *Christiansund...        | 29.07   | +01                           | 41                          | 37           | -1  | —                 | —    | SW        | 6                    | 4                    | SSW    | —                              | cr                                   | —                                 |
| *Skudesnaes ...          | 29.52   | +21                           | 41                          | 40           | -1  | —                 | —    | SSW       | 6                    | 4                    | W      | —                              | c                                    | —                                 |
| *Oxø (Christiansand)     | 29.58   | +19                           | 41                          | 40           | -1  | —                 | —    | W         | 4                    | 8                    | W      | —                              | c                                    | —                                 |
| *Fanø ...                | 29.85   | +24                           | 42                          | 40           | -1  | —                 | —    | WSW       | 6                    | —                    | —      | —                              | g                                    | —                                 |
| Cuxhaven ...             | 29.99   | +34                           | 40                          | 39           | -7  | 48                | —    | WSW       | 6                    | 7                    | SW     | 9                              | ho                                   | 0.12                              |
| Sumburgh Head            |   |                               |                             |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| Stornoway (Hebrides.)    | 29.21   | +10                           | 38                          | 38           | +3  | 40                | 34   | E         | 1                    | 2                    | W      | —                              | br                                   | 0.27                              |
| Thurso ...               | 29.30   | +26                           | 36                          | 35           | 0   | 44                | 34   | SSE       | 2                    | 4                    | WSW    | 10                             | br                                   | 0.07                              |
| Wick ...                 | 29.29   | +08                           | 38                          | 38           | -1  | 39                | 35   | SE        | 1                    | 2                    | W      | 10                             | cr                                   | 0.08                              |
| Nairn ...                | 29.30   | +12                           | 35                          | 34           | -2  | 40                | 34   | SW        | 2                    | 2                    | SW     | 10                             | br                                   | 0.22                              |
| Aberdeen ...             | 29.35   | +12                           | 39                          | 39           | +2  | 42                | 32   | S         | 1                    | 3                    | SW     | 10                             | brwm                                 | 0.10                              |
| Leith ...                | 29.42   | +07                           | 51                          | 49           | +11   | 53                | 36   | W         | 5                    | 5                    | W      | 7                              | co                                   | 0.06                              |
| Shields ...              | 29.54   | +09                           | 48                          | 47           | +9  | 48                | 39   | WSW       | 4                    | 5                    | W      | 7                              | c                                    | 0.01                              |
| York ...                 | 29.71   | +16                           | 49                          | 47           | +9  | 50                | 37   | SW        | 3                    | 7                    | SW     | 10                             | g                                    | 0.12                              |
| Scarborough ...          | 29.69   | +16                           | 47                          | 46           | +7  | 49                | 36   | W         | 3                    | 6                    | WSW    | 10                             | og                                   | 0.11                              |
| Nottingham ...           | 29.84   | +18                           | 49                          | 47           | +9  | —                 | 37   | SW        | 7                    | 8                    | SW     | 10                             | br                                   | 0.05                              |
| Ardrossan ...            | 29.51   | +12                           | 49                          | 48           | +7  | 50                | 39   | S         | 4                    | 7                    | SSW    | 9                              | d                                    | 0.54                              |
| Greencastle ...          | 29.45   | +07                           | 47                          | 47           | +9  | 48                | 36   | WSW       | 5                    | 6                    | W      | 10                             | ng                                   | 0.52                              |
| Donaghadee ...           | 29.52   | +17                           | 50                          | 49           | +12   | 51                | 36   | W         | 6                    | 6                    | W      | 10                             | cg                                   | 0.19                              |
| Kingstown ...            | 29.67   | +19                           | 52                          | 49           | +7  | 53                | 38   | WSW       | 5                    | 6                    | W      | 9                              | po                                   | 0.37                              |
| Holyhead ...             | 29.71   | +20                           | 50                          | 49           | +6  | 51                | 49   | SW        | 5                    | 7                    | WSW    | 10                             | d                                    | 0.26                              |
| Liverpool (Bilston Obs.) | 29.79   | +18                           | 51                          | 48           | +11   | 51                | 38   | SW        | 5                    | 7                    | WSW    | 10                             | co                                   | 0.07                              |
| Valencia ...             | 29.67   | -01                           | 52                          | 51           | +9  | 52                | 40   | SSW       | 8                    | 8                    | W      | 8                              | pg                                   | 0.49                              |
| Roche's Point ...        | 29.75   | +18                           | 49                          | 49           | +8  | 50                | 40   | ?         | 5                    | 7                    | SW     | 9                              | gr                                   | 0.28                              |
| Pembroke ...             | 29.89   | +27                           | 50                          | 49           | +5  | 50                | 41   | SW        | 8                    | 8                    | SW     | 10                             | cm                                   | 0.10                              |
| Portishead ...           | 29.97   | +23                           | 49                          | 47           | +9  | 51                | 39   | WSW       | 5                    | 8                    | WNW    | 10                             | gg                                   | 0.23                              |
| Seilly ...               | 30.02   | +21                           | —                           | —            | —   | 51                | —    | SSW       | 6                    | 6                    | WSW    | 8                              | co                                   | 0.01                              |
| Plymouth ...             | 30.05   | +27                           | 50                          | 49           | +4  | 51                | 44   | WSW       | 5                    | 7                    | WSW    | 10                             | go                                   | 0.03                              |
| Portsmouth ...           | 30.09   | +27                           | 49                          | 48           | +4  | 50                | 43   | WSW       | 6                    | 8                    | WNW    | 9                              | gw                                   | 0.02                              |
| Dover ...                | 30.11   | +32                           | 48                          | 47           | +5  | 49                | 43   | SW        | 5                    | 6                    | WSW    | 5                              | gpcw                                 | 0.06                              |
| London ...               | 30.03   | +27                           | 49                          | 46           | +9  | 49                | 40   | SW        | 4                    | 7                    | W      | 10                             | pbq                                  | 0.01                              |
| Oxford ...               | 29.97   | +23                           | 49                          | 48           | +8  | 49                | 41   | SW        | 5                    | 6                    | SW     | 10                             | co                                   | 0.02                              |
| Cambridge ...            | 29.95   | +24                           | 48                          | 45           | +7  | 49                | 38   | SW        | 3                    | 4                    | SW     | 10                             | co                                   | —                                 |
| Yarmouth ...             | 29.90   | +26                           | 46                          | 45           | +4  | 47                | 39   | SW        | 6                    | 10                   | WSW    | 7                              | no                                   | 0.02                              |
| *Helder ...              | 29.99   | —                             | 46                          | —            | —   | —                 | —    | SW        | 7                    | —                    | —      | —                              | —                                    | —                                 |
| Cape Gris Nez...         |   |                               |                             |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| Brest ...                | 30.21   | +26                           | 51                          | 49           | +2  | 52                | 45   | WSW       | 5                    | 5                    | WNW    | —                              | o                                    | 0.04                              |
| L'Orient ...             | 30.29   | +27                           | 48                          | 48           | +4  | 52                | 44   | WSW       | 5                    | 7                    | W      | 8                              | cr                                   | —                                 |
| Rochefort ...            | 30.34   | +27                           | 46                          | 44           | -7  | 54                | 45   | S         | 3                    | 5                    | W      | 5                              | c                                    | —                                 |
| Biarritz ...             | 30.36   | +19                           | 46                          | 44           | -8  | —                 | —    | SE        | 3                    | 5                    | SW     | 9                              | rf                                   | 0.16                              |
| *Corunna ...             |   |                               |                             |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| *Brussels ...            | 30.21   | +38                           | 43                          | —            | -8  | —                 | —    | WSW       | 3                    | —                    | —      | —                              | c                                    | —                                 |
| *Charleville ...         | 30.38   | +39                           | 36                          | —            | -8  | —                 | —    | SE        | 3                    | —                    | —      | —                              | o                                    | —                                 |
| Paris ...                | 30.34   | +39                           | 37                          | 37           | -8  | 50                | 36   | SSW       | 4                    | 7                    | WSW    | 10                             | om                                   | —                                 |
| *Lyons...                | 30.32   | +20                           | 45                          | —            | -6  | —                 | —    | NE        | 1                    | —                    | —      | —                              | —                                    | —                                 |
| Toulon...                | 30.25   | -07                           | 47                          | 43           | +2  | 49                | 41   | NE        | 1                    | 3                    | ENE    | 6                              | f                                    | —                                 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |   |   |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|---|---|---|---|
| Skudesnaes ...  | 29.28 | -03 | 42 | 40 | 0  | — | — | SSW | 6 | — | — | — | c | — |
| Thurso ...      |       |     |    |    |    | — | — | —   | — | — | — | — | — | — |
| Scarborough ... |       |     |    |    |    | — | — | —   | — | — | — | — | — | — |
| Greencastle ... |       |     |    |    |    | — | — | —   | — | — | — | — | — | — |
| Holyhead ...    |       |     |    |    |    | — | — | —   | — | — | — | — | — | — |
| Valencia ...    |       |     |    |    |    | — | — | —   | — | — | — | — | — | — |
| Seilly ...      |       |     |    |    |    | — | — | —   | — | — | — | — | — | — |
| London ...      |       |     |    |    |    | — | — | —   | — | — | — | — | — | — |
| Rochefort ...   | 30.20 | +13 | 54 | 49 | +1 | — | — | W   | 5 | — | — | — | — | — |

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—strongest wind experienced in past 24 hours. **WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual trace; w. wet, dew.

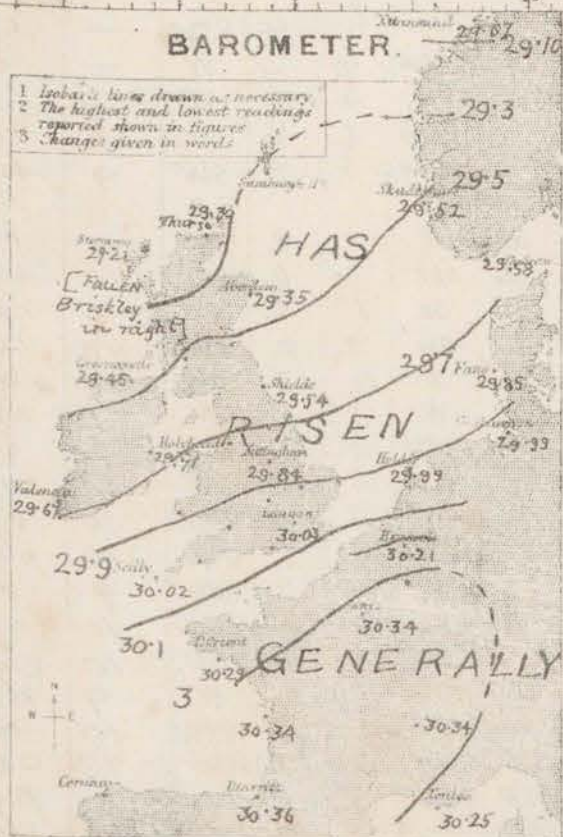
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

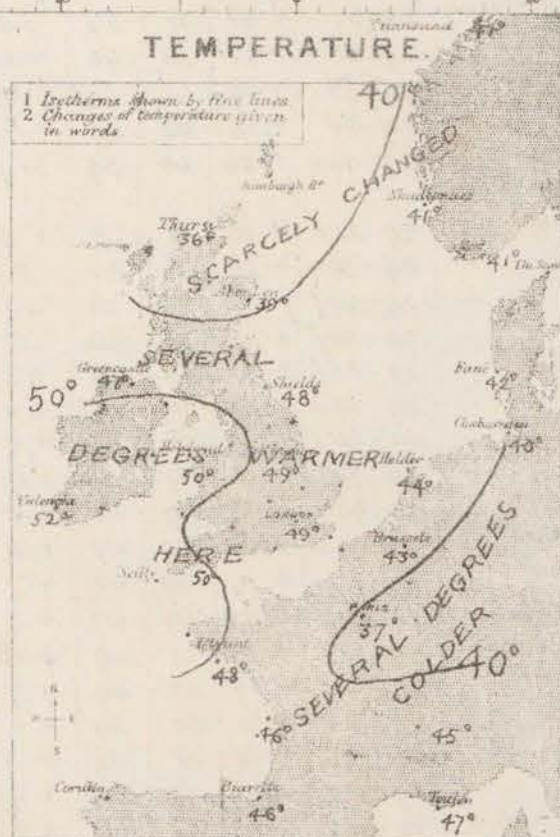
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at ...



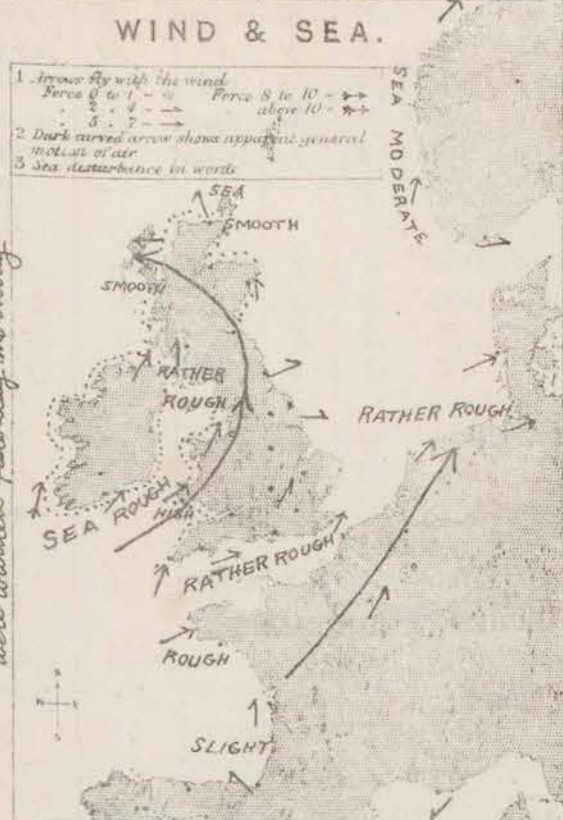
WEATHER CHARTS  
AND REMARKS FOR  
MONDAY 6<sup>TH</sup> JANUARY 1873 AT 8 A.M.



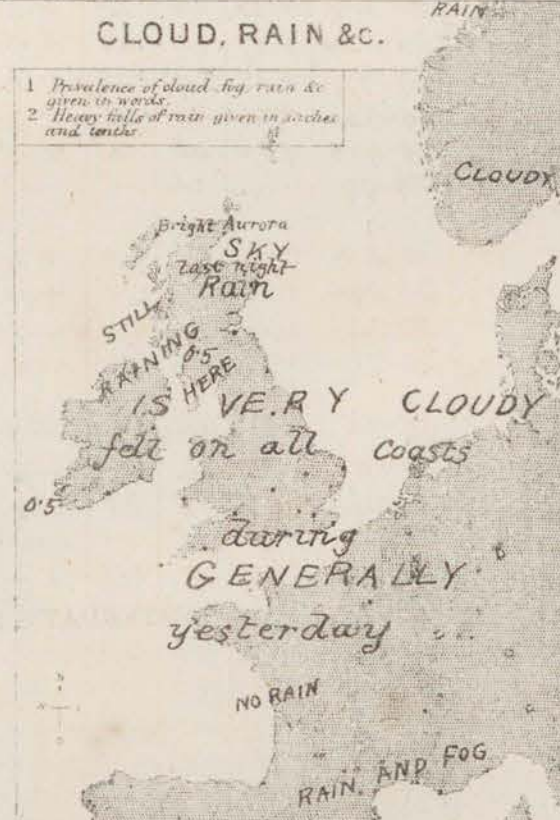
The recovery of barometrical pressure which had set in at the south-western station yesterday morning subsequently extended to all other coasts, so that readings are higher at all stations this morning than they were yesterday. During the past night, however, the barometer has again begun to fall in the west and north-west, and the gradient from Portsmouth to Greenchester is 0.09 in. per 50 miles.



Temperature has risen several degrees in Ireland and England but fallen on the Continent - chiefly over Belgium and the east and south of France.



The wind, after veering to W. on all our coasts yesterday and blowing rather strongly, with squalls, has backed again to SW. in the most parts of England it is fresh, but has increased to a gale both at Pembroke and Valencia; while at Tornewsey light Elys are reported. The sea runs high at Pembroke and is rough in the SW generally, moderate in most other places.



Rain has again been very  
general. Aurora was seen in Scotland last  
night. Cloudy unsettled weather continues  
with rain in a few places.  
Warnings issued to our west and  
north coasts.

*Subscriptions for these Charts payable in advance  
to cover delivery.  
Delivery by hand 10/- per quarter  
..... boat post 5/- per quarter.*

Meteorological Office  
116, Victoria St., Westminster, S.W.  
ROBERT H. SCOTT, Director

Vincent Brooks Day & Son Ltd, London WC



Tues-day 8 a.m.

# WEATHER REPORT.

Jan'y 7<sup>th</sup> 1873.

| STATIONS.                | BAROMETER.  |                               | THERMOMETERS.<br>(in shade). |              |   |                   |      | WIND.     |                      |                      |      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. |
|--------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|
|                          | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |      |                                |                                      |                                   |
|                          |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dir. |                                |                                      |                                   |
| *Christiansund...        | 29.43   | +0.36                         | 39                           | 36           | -2  | —                 | —    | ESE.      | 2                    | 2                    | W    | —                              | o                                    | —                                 |
| *Skudesnaes ...          | 29.60   | +0.08                         | 45                           | 44           | +4  | —                 | —    | WSW       | 4                    | 0                    | 2    | —                              | o r c                                | —                                 |
| *Oxø (Christiansund)     | 29.65   | +0.07                         | 45                           | 44           | +4  | —                 | —    | W         | 4                    | 2                    | WSW  | —                              | o                                    | —                                 |
| *Færø ...                | 30.00   | +0.15                         | 45                           | 44           | +3  | —                 | —    | WSW       | 8                    | —                    | —    | —                              | o                                    | —                                 |
| Cuxhaven ...             | 30.10 r   | +0.11                         | 45                           | 44           | +5  | —                 | 38   | WSW       | 6                    | 6                    | WSW  | 5                              | m b                                  | 0.04                              |
| Sumburgh Head            |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |
| Stornoway (Hebrides)     | 29.40 r   | +0.19                         | 47                           | 46           | +9  | 50                | 38   | SW        | 7                    | 8                    | SW   | 7                              | r o                                  | 0.51                              |
| Thurso ...               | 29.45 r   | +0.15                         | 42                           | 39           | +6  | 46                | 34   | S         | 1                    | 3                    | SW   | 3                              | o c                                  | 0.06                              |
| Wick ...                 | 29.49 r   | +0.20                         | 42                           | 40           | +4  | 47                | 38   | SW        | 1                    | 2                    | S    | 0                              | c b                                  | —                                 |
| Nairn ...                | 29.54 r   | +0.24                         | 43                           | 41           | +8  | 51                | 35   | WSW       | 2                    | 8                    | SW   | 0                              | o b                                  | 0.09                              |
| Aberdeen ...             | 29.62 r   | +0.27                         | 48                           | 46           | +9  | 52                | 37   | SSW       | 2                    | 4                    | SW   | 9                              | o                                    | —                                 |
| Leith ...                | 29.71 r   | +0.29                         | 51                           | 49           | 0   | 55                | 49   | W         | 3                    | 7                    | W    | 5                              | c                                    | —                                 |
| Shields ...              | 29.86 r   | +0.32                         | 49                           | 47           | +1  | 51                | 48   | SW        | 5                    | 7                    | WSW  | 5                              | c                                    | —                                 |
| York ...                 | 29.96 r   | +0.25                         | 47                           | 44           | -2  | 53                | 47   | S         | 1                    | 7                    | SSW  | 7                              | g c                                  | —                                 |
| Scarborough ...          | 29.96 r   | +0.27                         | 44                           | 43           | -3  | 52                | 43   | WSW       | 2                    | 3                    | WSW  | 4                              | o c                                  | —                                 |
| Nottingham ...           | 30.02 r   | +0.18                         | 47                           | 44           | -2  | 52                | 45   | S         | 5                    | 9                    | SW   | 9                              | w o                                  | —                                 |
| Ardrossan ...            | 29.69 r   | +0.18                         | 49                           | 47           | 0   | 51                | 47   | SSW       | 7                    | 8                    | SSW  | 8                              | d l o                                | 0.23                              |
| Greencastle ...          | 29.59 r   | +0.14                         | 48                           | 47           | +1  | 49                | 45   | SSW       | 6                    | 6                    | SSW  | 10                             | g                                    | 0.08                              |
| Donaghadee ...           | 29.72 r   | +0.20                         | 49                           | 48           | -1  | 51                | 48   | SSW       | 7                    | 7                    | SSW  | 9                              | g o                                  | —                                 |
| Kingstown ...            | 29.82 r   | +0.15                         | 50                           | 48           | -2  | 54                | 49   | S         | 4                    | 6                    | SW   | 9                              | r o                                  | —                                 |
| Holyhead ...             | 29.87 r   | +0.16                         | 49                           | 47           | -1  | 55                | 48   | SSW       | 4                    | 6                    | SSW  | 10                             | o g                                  | 0.01                              |
| Liverpool (Bidston Obs.) | 29.98 r   | +0.19                         | 48                           | 45           | -3  | 52                | 48   | SSW       | 4                    | 8                    | SW   | 7                              | c                                    | —                                 |
| Valencia ...             | 29.69 r   | +0.02                         | 50                           | 49           | -2  | 53                | 48   | SSW       | 6                    | 9                    | SSW  | 9                              | r m                                  | 0.35                              |
| Roche's Point ...        | 29.87 r   | +0.06                         | 48                           | 47           | -1  | 50                | 46   | SSW       | 6                    | 7                    | SSW  | 7                              | o c                                  | 0.08                              |
| Pembroke ...             | 29.97 r   | +0.08                         | 48                           | 47           | -2  | 50                | 48   | S         | 5                    | 7                    | SW   | 10                             | o m                                  | 0.01                              |
| Portishead ...           | 30.06 r   | +0.09                         | 47                           | 45           | -2  | 52                | 45   | SW        | 4                    | 5                    | WSW  | 7                              | g c                                  | —                                 |
| Scilly ...               | 29.98 f   | -0.04                         | 49                           | 48           | —   | 52                | 48   | SSW       | 5                    | 6                    | SSW  | 9                              | o o                                  | 0.01                              |
| Plymouth ...             | 30.05 f   | 0.00                          | 49                           | 48           | -1  | 53                | 48   | S         | 4                    | 5                    | WSW  | 10                             | o                                    | —                                 |
| Portsmouth ...           | 30.16 r   | +0.07                         | 48                           | 47           | -1  | 51                | 45   | SW        | 3                    | 6                    | WSW  | 7                              | o c                                  | —                                 |
| Dover ...                | 30.20 r   | +0.09                         | 48                           | 46           | 0   | 49                | 48   | SW        | 3                    | 6                    | WSW  | 7                              | c                                    | —                                 |
| London ...               | 30.13 r   | +0.10                         | 46                           | 45           | -3  | 52                | 45   | SW        | 3                    | 6                    | SW   | 2                              | o g b                                | —                                 |
| Oxford ...               | 30.12 r   | +0.15                         | 46                           | 44           | -3  | 52                | 46   | S         | 1                    | 5                    | SW   | 7                              | o c                                  | —                                 |
| Cambridge ...            | 30.12 r   | +0.17                         | 47                           | 44           | -1  | 52                | 44   | SW        | 1                    | 6                    | SW   | 10                             | c o                                  | —                                 |
| Yarmouth ...             | 30.10 r   | +0.20                         | 46                           | 44           | 0   | 50                | 44   | SW        | 4                    | 7                    | WSW  | 8                              | c g                                  | —                                 |
| *Helder ...              | 30.14   | +0.15                         | 47                           | —            | +1  | —                 | —    | SW        | 6                    | —                    | —    | —                              | —                                    | —                                 |
| Cape Gris Nez...         | 30.23 r   | +0.09                         | 47                           | 45           | -1  | 50                | 32   | SSW       | 3                    | 7                    | WSW  | 10                             | o                                    | —                                 |
| Brest ...                | 30.09 f   | -0.12                         | 50                           | 50           | -1  | 53                | 47   | SSW       | 5                    | 7                    | SSW  | 3                              | o b                                  | 0.20                              |
| L'Orient ...             | 30.15 f   | -0.14                         | 47                           | 47           | -1  | 53                | 46   | SE        | 4                    | 4                    | SW   | 4                              | o c                                  | —                                 |
| Rochefort ...            | 30.21 f   | -0.13                         | 37                           | 35           | -9  | 52                | 36   | S         | 4                    | 4                    | S    | 10                             | c f                                  | —                                 |
| Biarritz ...             | 30.23 f   | -0.13                         | 51                           | 46           | +5  | 53                | 42   | S         | 3                    | 5                    | E    | 3                              | f                                    | —                                 |
| *Corunna ...             |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |
| *Brussels ...            | 30.27   | +0.06                         | 46                           | —            | +3  | —                 | —    | WSW       | 3                    | —                    | —    | —                              | c                                    | —                                 |
| *Charleville ...         | 30.36   | -0.02                         | 39                           | —            | +3.   | —                 | —    | SSW       | 3                    | —                    | —    | —                              | o f                                  | —                                 |
| Paris ...                | 30.27 f   | -0.07                         | 33                           | 33           | -4  | 43                | 32   | SSE       | —                    | 5                    | S    | 0                              | c f                                  | —                                 |
| *Lyons...                | 30.28   | -0.04                         | 43                           | —            | -2  | —                 | —    | SE        | 1                    | —                    | —    | —                              | o                                    | —                                 |
| Toulon ...               | 30.32 f   | +0.07                         | 46                           | 44           | -1  | 50                | 43   | E         | 3                    | 1                    | E    | 1                              | b                                    | —                                 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |       |    |    |    |   |   |     |   |   |     |    |       |   |
|-----------------|-------|-------|----|----|----|---|---|-----|---|---|-----|----|-------|---|
| Skudesnaes ...  | 29.54 | +0.02 | 42 | 40 | +1 | — | — | SW  | 2 | — | —   | —  | o r   | — |
| Thurso ...      | 30.28 | -0.02 | 40 | 40 | +4 | — | — | SSE | 1 | 2 | SSE | 10 | r     | — |
| Scarborough ... | 29.77 | +0.08 | 51 | 49 | +4 | — | — | WSW | 3 | 3 | WSW | 10 | o     | — |
| Greencastle ... | 29.50 | +0.05 | 49 | 48 | +2 | — | — | SSW | 6 | 6 | SSW | 10 | g     | — |
| Holyhead ...    | 29.76 | +0.05 | 51 | 49 | +1 | — | — | SSW | 6 | 6 | WSW | 10 | o b u | — |
| Valencia ...    | 29.66 | -0.01 | 52 | 51 | 0  | — | — | SSW | 8 | 9 | SSW | 8  | m     | — |
| Scilly ...      | 30.03 | +0.01 | 51 | 50 | 0  | — | — | SSW | 6 | 6 | SSW | 7  | c     | — |
| London ...      | 30.07 | +0.04 | 52 | 49 | +3 | — | — | W   | 4 | 5 | SW  | 10 | g o   | — |
| Rochefort ...   | 30.34 | 0.00  | 52 | 48 | +6 | — | — | S   | 4 | — | —   | 4  | c     | — |

The barometer has risen everywhere except at Valencia and Thurso, where it has fallen slightly. Very little change of wind is reported beyond a slight freshening on our north-coasts. The sea has become very high at Valencia. Warnings extended to our southern coasts.

## EXPLANATION OF COLUMNS

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

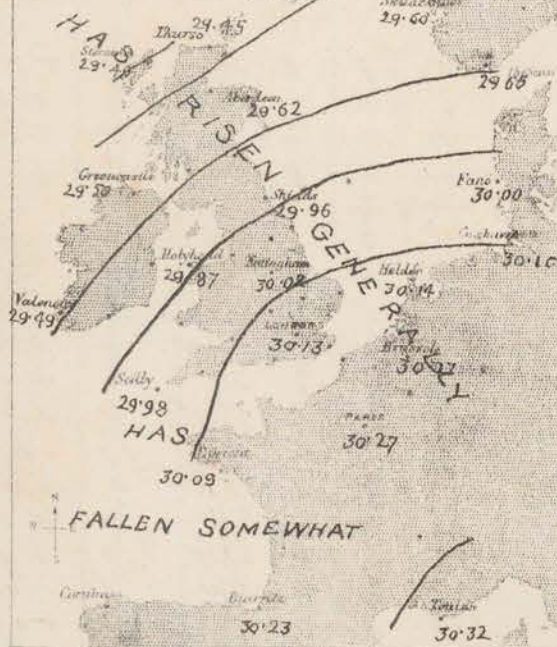
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

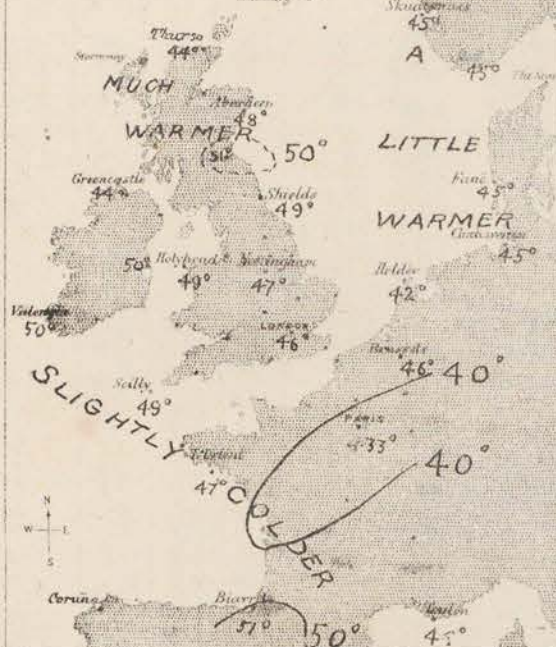
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 a.m.



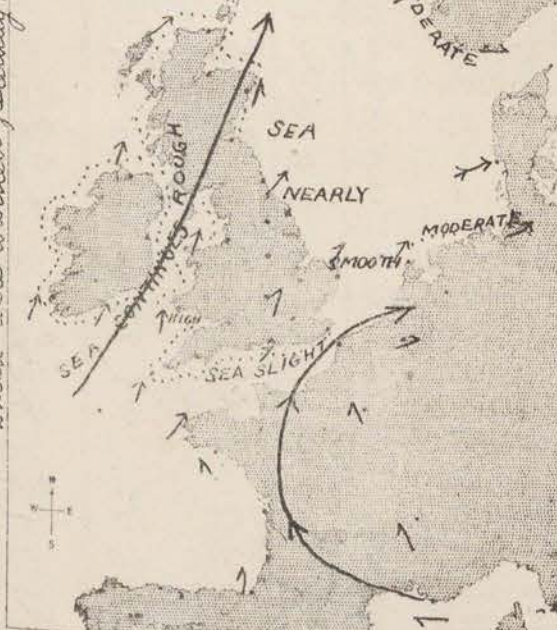
TUESDAY 7<sup>TH</sup> JANUARY 1873 AT 8 A.M.



The fresh fall of the barometer noticed yesterday afternoon proved to be very slight and at all but the French stations pressure has increased to some extent - chiefly in the north. In France, however, the barometer has begun to fall slowly. The reading at Paris is still 0.87 in higher than that at Stockholm, while from Newcastle to Dover the gradient is nearly 0.08 in per 50 miles.



Temperature has risen several degrees in Scotland and to a less extent on the eastern shores of the North Sea, but has fallen slightly elsewhere.



Note A dotted line is drawn round those crabs which were worn yesterday.

Guns lowered this morning.



The wind rose to a moderate or fresh gale from the <sup>sea</sup> on several parts of our western and northern coasts yesterday, and remains fresh to strong from that quarter this morning. Over France and the North Sea coasts moderate S. or W. winds prevail, but a WSW gale is reported from <sup>the</sup> ~~the~~ sea continues high at Pembroke and rough in the west generally.

Lightning was seen at  
Androssan last night. Some rain has  
fallen on our western and northern  
coasts. The sky continues very cloudy  
in the west, but is moderately clear in  
the east and the weather seems finer than  
of late.

Drums lowered this morning

Subscriptions for these Charts payable in advance  
to cover delivery  
Delivery by hand 10/- per quarter  
book post 3/- per quarter.

*Meteorological Office* Vincent Brooks, Esq.  
116, Victoria Street, Westminster, S.W.  
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.



Wednesday 8 a.m.

# WEATHER REPORT.

Jan 8<sup>th</sup> 1873

| STATIONS.                | BAROMETER.   |                               | THERMOMETERS<br>(In shade). |              |   |                   |      |           | WIND.                |                      |        |    | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>—<br>In past<br>24 Hours. |
|--------------------------|--|-------------------------------|-----------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|----|--------------------------------|--------------------------------------|--|
|                          | At 8 a.m.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 a.m.                   |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 a.m. |                      | Extreme.             |        |    |                                |                                      |  |
|                          |  |                               | Dry<br>bulb.                | Wet<br>bulb. |   | Max.              | Min. | Direc.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Direc. |    |                                |                                      |  |
| *Christiansund...        | 29.39  | -.04                          | 44                          | 41           | +5  | —                 | —    | WSW       | 2                    | 4                    | SSW    | —  | —                              | —                                    | —                                      |
| *Skudesnaes ...          | 29.62  | +0.02                         | 42                          | 42           | -3  | —                 | —    | SSE       | 4                    | 4                    | SW     | —  | —                              | —                                    | —                                      |
| *Oxö (Christiansand)     | 29.76  | +0.11                         | 42                          | 41           | -3  | —                 | —    | WSW       | 4                    | —                    | —      | —  | —                              | —                                    | —                                      |
| *Fanö ...                | 29.99  | -.01                          | 40                          | 39           | -5  | —                 | —    | S         | 6                    | —                    | —      | —  | —                              | —                                    | —                                      |
| Cuxhaven ...             | 30.08 f  | -.02                          | 35                          | 35           | -10   | 46                | —    | SSW       | 3                    | 5                    | SW     | 7  | —                              | c                                    | —                                      |
| Sumburgh Head            |  |                               |                             |              |   |                   |      |           |                      |                      |        |    |                                |                                      |  |
| Stornoway (Hebrides)     | 28.84 f  | -.56                          | 46                          | 46           | -1  | —                 | 43   | SW        | 10                   | 10                   | SW     | 10 | —                              | r                                    | 0.41                                   |
| Thurso ...               | 28.99 f  | -.46                          | 47                          | 44           | +5  | 49                | 39   | SSW       | 5                    | 4                    | SSW    | 5  | —                              | c                                    | —                                      |
| Wick ...                 | 29.08 f  | -.41                          | 47                          | 45           | +5  | 50                | 42   | S         | 4                    | 3                    | S      | 4  | —                              | dc                                   | —                                      |
| Nairn ...                | 29.08 f  | -.46                          | 49                          | 46           | +6  | 52                | 43   | SW        | 7                    | 9                    | SW     | 0  | —                              | b                                    | —                                      |
| Aberdeen ...             | 29.32 f  | -.30                          | 48                          | 44           | 0   | 57                | 45   | SSW       | 7                    | 7                    | SSW    | 2  | —                              | g b                                  | —                                      |
| Leith ...                | 29.38 f  | -.33                          | 48                          | 47           | -3  | 53                | 47   | SW        | 5                    | 5                    | SW     | 4  | —                              | c                                    | —                                      |
| Shields ...              | 29.58 f  | -.28                          | 46                          | 44           | -3  | 49                | 44   | SSW       | 3                    | 6                    | SSW    | 8  | —                              | co                                   | —                                      |
| York ...                 | 29.68 f  | -.28                          | 46                          | 44           | -1  | 50                | 44   | S         | 2                    | 4                    | S      | 9  | —                              | co                                   | —                                      |
| Scarborough ...          | 29.66 f  | -.30                          | 44                          | 43           | 0   | 48                | 42   | SW        | 4                    | 6                    | SW     | 10 | —                              | co                                   | —                                      |
| Nottingham ...           | 29.73 f  | -.29                          | 47                          | 45           | 0   | 50                | 44   | S         | 5                    | 8                    | SW     | 4  | —                              | rc                                   | —                                      |
| Ardrossan ...            | 29.39 f  | -.30                          | 49                          | 45           | 0   | 51                | 48   | SW        | 7                    | 9                    | SW     | 7  | —                              | c                                    | 0.01                                   |
| Greencastle ...          | 29.32 f  | -.27                          | 45                          | 43           | -3  | 50                | 44   | SW        | 6                    | 7                    | SW     | 10 | —                              | g                                    | —                                      |
| Donaghadee ...           | 29.41 f  | -.31                          | 48                          | 46           | -1  | 50                | 48   | SW        | 6                    | 7                    | SSW    | 6  | —                              | g c                                  | 0.01                                   |
| Kingstown ...            | 29.49 f  | -.33                          | 48                          | 45           | -2  | 53                | 47   | S         | 3                    | 6                    | S      | 10 | —                              | o                                    | 0.03                                   |
| Holyhead ...             | 29.53 f  | -.34                          | 49                          | 47           | 0   | 52                | 47   | SSW       | 3                    | 7                    | SSW    | 10 | —                              | d                                    | 0.03                                   |
| Liverpool (Bidston Obs.) | 29.64 f  | -.34                          | 49                          | 45           | +1  | 52                | 45   | SSW       | 3                    | 5                    | SSE    | 10 | —                              | co                                   | —                                      |
| Valencia ...             | 29.44 f  | -.25                          | 47                          | 45           | -3  | 53                | 45   | SW        | 3                    | 10                   | SSW    | 9  | —                              | mo                                   | 0.47                                   |
| Roche's Point ...        | 29.49 f  | -.32                          | 45                          | 45           | -3  | 50                | 44   | SW        | 3                    | 7                    | SSW    | 9  | —                              | or                                   | 0.16                                   |
| Pembroke ...             | 29.57 f  | -.40                          | 47                          | 47           | -1  | 51                | 47   | WSW       | 2                    | 6                    | S      | 10 | —                              | or                                   | 0.37                                   |
| Portishead ...           | 29.75 f  | -.31                          | 50                          | 48           | +3  | 52                | 45   | S         | 7                    | 7                    | S      | 7  | —                              | cg                                   | —                                      |
| Scilly ...               | 29.58 f  | -.40                          | 52                          | 51           | +3  | 52                | 48   | S         | 6                    | 6                    | S      | 8  | —                              | b                                    | 0.15                                   |
| Plymouth ...             | 29.72 f  | -.33                          | 52                          | 50           | +3  | 53                | 47   | S         | 4                    | 6                    | S      | 10 | —                              | do                                   | 0.05                                   |
| Portsmouth ...           | 29.84 f  | -.32                          | 49                          | 47           | +1  | 50                | 44   | SW        | 4                    | 5                    | SW     | 6  | —                              | c                                    | —                                      |
| Dover ...                | 29.95 f  | -.25                          | 46                          | 44           | -2  | 48                | 45   | S         | 5                    | 5                    | SW     | 3  | —                              | bu                                   | —                                      |
| London ...               | 29.86 f  | -.27                          | 46                          | 44           | 0   | 50                | 43   | S         | 4                    | 6                    | S      | 4  | —                              | c                                    | —                                      |
| Oxford ...               | 29.78 f  | -.34                          | 46                          | 44           | -0  | 49                | 45   | S         | 5                    | 6                    | SW     | 7  | —                              | c                                    | —                                      |
| Cambridge ...            | 29.87 f  | -.25                          | 44                          | 42           | -3  | 50                | 41   | S         | 2                    | 2                    | S      | 4  | —                              | c                                    | —                                      |
| Yarmouth ...             | 29.85 f  | -.25                          | 46                          | 45           | 0   | 48                | 42   | SSW       | 5                    | 6                    | SSW    | 5  | —                              | c                                    | —                                      |
| *Helder ...              | 29.99  | -.15                          | 35                          | —            | -12   | —                 | —    | S         | 5                    | —                    | —      | —  | —                              | —                                    | —                                      |
| Cape Gris Nez...         | 29.95 f  | -.28                          | 43                          | 39           | -4  | 49                | 41   | S         | 4                    | 4                    | SW     | 5  | —                              | oc                                   | —                                      |
| Brest ...                | 29.79 f  | -.30                          | 52                          | 52           | +2  | 54                | 48   | S         | 5                    | 5                    | S      | 10 | —                              | o                                    | —                                      |
| L'Orient ...             | 29.86 f  | -.29                          | 51                          | 51           | +4  | 56                | 46   | S         | 5                    | 5                    | S      | 8  | —                              | o                                    | —                                      |
| Rocheport ...            | 30.00 f  | -.21                          | 45                          | 41           | +8  | —                 | 37   | SE        | 5                    | 4                    | S      | 6  | —                              | fc                                   | —                                      |
| Biarritz ...             | 30.02 f  | -.21                          | 56                          | 47           | +5  | 60                | 50   | S         | 4                    | 4                    | S      | 8  | —                              | fo                                   | —                                      |
| *Corunna ...             |  |                               |                             |              |   |                   |      |           |                      |                      |        |    | —                              |                                      | —                                      |
| *Brussels ...            | 30.11  | -.16                          | 46                          | —            | 0   | —                 | —    | WSW       | 3                    | —                    | —      | —  | —                              | b                                    | —                                      |
| *Charleville ...         | 30.23  | -.13                          | 31                          | —            | -8  | —                 | —    | NE        | 3                    | —                    | —      | —  | —                              | c                                    | —                                      |
| Paris ...                | 30.11 f  | -.16                          | 33                          | 33           | 0   | 44                | 32   | SSE       | 3                    | 3                    | SSE    | 6  | —                              | f                                    | —                                      |
| *Lyons...                | 30.19  | -.09                          | 44                          | —            | +1  | —                 | —    | NW        | 1                    | —                    | —      | —  | —                              | f                                    | —                                      |
| Toulon ...               | 30.31 f  | -.07                          | 46                          | 44           | 0   | 54                | 44   | NE        | 3                    | 3                    | E      | 6  | —                              | f                                    | —                                      |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |       |    |    |    |   |   |     |   |   |     |    |   |    |   |
|-----------------|-------|-------|----|----|----|---|---|-----|---|---|-----|----|---|----|---|
| Skudesnaes ...  | 29.73 | +0.13 | 44 | 43 | -1 | — | — | S   | 6 | — | —   | —  | — | o  | — |
| Thurso ...      | 29.40 | -.05  | 40 | 44 | +4 | — | — | S   | 1 | 2 | S   | 6  | — | c  | — |
| Scarborough ... | 29.89 | -.07  | 47 | 45 | +3 | — | — | WSW | 5 | 4 | WSW | 1  | — | b  | — |
| Greencastle ... | 29.61 | +0.02 | 48 | 46 | 0  | — | — | SSW | 6 | 6 | SSW | 9  | — | o  | — |
| Holyhead ...    | 29.81 | -.06  | 48 | 46 | -1 | — | — | SSW | 4 | 4 | SSW | 7  | — | b  | — |
| Valencia ...    | 29.59 | -.10  | 50 | 50 | 0  | — | — | SS  | 6 | 6 | SSW | 9  | — | r  | — |
| Scilly ...      | 29.88 | -.10  | 51 | 51 | +2 | — | — | S   | 6 | 6 | S   | 8  | — | o  | — |
| London ...      | 30.10 | -.03  | 49 | 46 | +3 | — | — | SSW | 3 | 3 | SW  | 7  | — | bc | — |
| Rocheport ...   | 30.25 | +0.04 | 43 | 41 | +6 | — | — | S   | 3 | — | —   | 10 | — | o  | — |

The barometer has now begun to fall again on our south west while it has risen slightly at Rochefort. The S.W. wind has freshened a little Scilly, and the sea continues very high. Warnings re-issued to all our western

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.** strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m. N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 a.m.



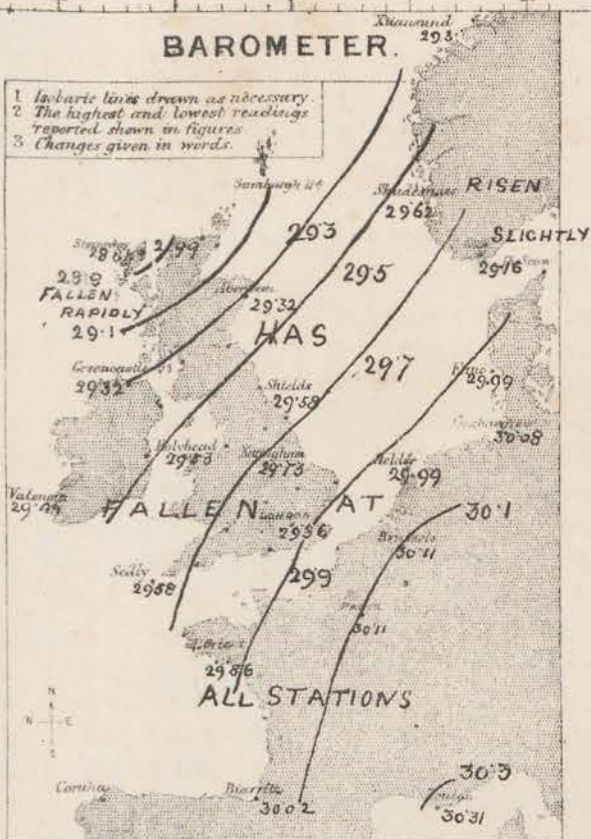
# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 8 JANUARY 1873 AT 8 A.M.

## BAROMETER.

- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.





Thursday 8 a.m.

# WEATHER REPORT.

Jan 9<sup>th</sup> 1873

| STATIONS.                   | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|
|                             | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |
| *Christiansund...           | 29.29   | -10                           | 45                           | 40           | +1  | —                 | —    | SSW       | 4                    | 4                    | SSW    | —                              | bo                                   | —                                 |
| *Skudesnaes ...             | 29.50   | -12                           | 43                           | 42           | +1  | —                 | —    | SSE       | 6                    | 6                    | S      | —                              | or                                   | —                                 |
| *Oxö (x'tiansand)           | 29.64   | -12                           | 43                           | 42           | +1  | —                 | —    | WSW       | 6                    | 2                    | W      | —                              | r                                    | —                                 |
| *Fanö ...                   | 29.83   | -16                           | 38                           | 38           | -2  | —                 | —    | SSW       | 4                    | —                    | —      | —                              | c                                    | —                                 |
| Cuxhaven ...                | 29.86f  | -22                           | 47                           | 47           | +12   | —                 | 33   | SSW       | 4                    | 4                    | SSW    | 4                              | b                                    | —                                 |
| Sumburgh Head               |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| Stornoway (He-<br>brides.)  | 29.28r  | +44                           | 40                           | 40           | -6  | 47                | 37   | W         | 2                    | 9                    | W      | 6                              | pc                                   | 0.13                              |
| Thurso ...                  | 29.30r  | +31                           | 34                           | 33           | -13   | 49                | 33   | S         | 1                    | 7                    | SSW    | 4                              | cw                                   | 0.02                              |
| Wick ...                    | 29.32r  | +24                           | 39                           | 38           | -8  | 47                | 35   | Z         | 0                    | 5                    | S      | 5                              | c                                    | —                                 |
| Nairn ...                   | 29.30r  | +22                           | 35                           | 34           | -14   | 49                | 35   | SSW       | 1                    | 7                    | SW     | 6                              | bc                                   | —                                 |
| Aberdeen ...                | 29.35r  | +03                           | 36                           | 35           | -12   | 49                | 35   | Z         | 0                    | 7                    | SSW    | 10                             | mj                                   | —                                 |
| Leith ...                   | 29.36f  | -02                           | 42                           | 42           | -6  | 50                | 39   | ESE       | 3                    | 5                    | SW     | 9                              | cr                                   | 0.05                              |
| Shields ...                 | 29.38f  | -20                           | 47                           | 46           | +1  | 48                | 46   | S         | 3                    | 4                    | S      | 9                              | co                                   | 0.05                              |
| York ...                    | 29.44f  | -24                           | 47                           | 46           | +1  | 51                | 45   | SSE       | 1                    | 3                    | ESE    | 9                              | cg                                   | 0.04                              |
| Scarborough ...             | 29.44f  | -22                           | 46                           | 45           | +2  | 50                | 43   | SW        | 4                    | 5                    | SW     | 8                              | cb                                   | 0.01                              |
| Nottingham ...              | 29.53f  | -20                           | 49                           | 47           | +2  | 54                | 47   | SSW       | 6                    | 7                    | S      | 10                             | w                                    | 0.03                              |
| Ardrossan ...               | 29.29f  | -110                          | 43                           | 42           | -6  | 49                | 41   | E         | 2                    | 7                    | SW     | 8                              | cr                                   | 0.12                              |
| Greencastle ...             | 29.21f  | -11                           | 43                           | 42           | -2  | 46                | 39   | ESE       | 4                    | 6                    | SW     | 10                             | r                                    | 0.08                              |
| Donaghadee ...              | 29.23f  | -18                           | 46                           | 45           | -2  | 48                | 37   | SSW       | 4                    | —                    | SW     | 10                             | co                                   | 0.07                              |
| Kingstown ...               | 29.25f  | -24                           | 48                           | 46           | 0   | 50                | 44   | Z         | 0                    | 3                    | S      | 6                              | oc                                   | 0.05                              |
| Holyhead ...                | 29.29f  | -24                           | 49                           | 48           | 0   | 51                | 45   | SSW       | 4                    | 5                    | SSW    | 7                              | rc                                   | 0.58                              |
| Liverpool (Bidston<br>Obs.) | 29.42f  | -22                           | 46                           | 45           | -3  | 55                | 45   | SE        | 3                    | 5                    | SSW    | 10                             | o                                    | 0.17                              |
| Valencia ...                | 29.19f  | -25                           | 49                           | 48           | +2  | 51                | 42   | SSW       | 6                    | 6                    | S      | 9                              | cr                                   | 0.21                              |
| Roche's Point ...           | 29.25f  | -24                           | 48                           | 48           | +3  | 49                | 43   | SSW       | 5                    | 7                    | SSW    | 9                              | o                                    | 0.12                              |
| Pembroke ...                | 29.40f  | -17                           | 49                           | 48           | +2  | 49                | 46   | SSW       | 4                    | 7                    | SSW    | 10                             | mo                                   | 0.73                              |
| Portishead ...              | 29.48f  | -27                           | 50                           | 49           | 0   | 54                | 46   | WSW       | 5                    | 7                    | SW     | 9                              | qu                                   | 0.21                              |
| Scilly ...                  | 29.43f  | -15                           | 51                           | 50           | -1  | 52                | 48   | SSW       | 5                    | 6                    | S      | 9                              | om                                   | 0.44                              |
| Plymouth ...                | 29.51f  | -21                           | 50                           | 50           | -2  | 54                | 49   | SSW       | 3                    | 5                    | S      | 10                             | pf                                   | 0.10                              |
| Portsmouth ...              | 29.65f  | -19                           | 50                           | 49           | +1  | 50                | 46   | SW        | 7                    | 7                    | SW     | 9                              | go                                   | 0.12                              |
| Dover ...                   | 29.71f  | -24                           | 49                           | 47           | +3  | 50                | 44   | SSW       | 5                    | 5                    | SSW    | 7                              | c                                    | 0.02                              |
| London ...                  | 29.62f  | -24                           | 49                           | 47           | +3  | 51                | 44   | SSW       | 4                    | 5                    | S      | 10                             | cbr                                  | 0.08                              |
| Oxford ...                  | 29.55f  | -23                           | 48                           | 47           | +2  | 50                | 45   | S         | 3                    | 7                    | SW     | 10                             | or                                   | 0.07                              |
| Cambridge ...               | 29.59f  | -28                           | 48                           | 46           | +4  | 51                | 43   | SSW       | 3                    | 3                    | SSW    | 10                             | cr                                   | 0.03                              |
| Yarmouth ...                | 29.61f  | -24                           | 47                           | 46           | +1  | 48                | 44   | WSW       | 6                    | 8                    | WSW    | 8                              | rg                                   | 0.04                              |
| *Helder ...                 | 29.75   | -24                           | 41                           | —            | +6  | —                 | —    | S         | 6                    | —                    | —      | —                              | —                                    | —                                 |
| Cape Gris Nez...            | 29.74f  | -21                           | 47                           | 45           | +4  | 47                | 40   | SSW       | 5                    | 4                    | S      | 10                             | fr                                   | —                                 |
| Brest ...                   |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| L'Orient ...                |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| Rochefort ...               | 29.97r  | -03                           | 46                           | 44           | +1  | 50                | 45   | S         | 4                    | 5                    | SE     | 4                              | c                                    | —                                 |
| Biarritz ...                |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| *Corunna ...                |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |
| *Brussels ...               | 29.89   | -22                           | 50                           | —            | +4  | —                 | —    | SW        | 3                    | —                    | —      | —                              | b                                    | —                                 |
| *Charleville ...            | ? 30.00   | -23                           | 44                           | —            | +13   | —                 | —    | SSW       | 3                    | —                    | —      | —                              | c                                    | —                                 |
| Paris ...                   | 29.94f  | -17                           | 47                           | 43           | +13   | —                 | 33   | SSW       | 4                    | 1                    | SSE    | 10                             | o                                    | —                                 |
| *Lyons...                   | 30.10   | -09                           | 52                           | —            | +8  | —                 | —    | S         | 3                    | —                    | —      | —                              | b                                    | —                                 |
| Toulon ...                  |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |     |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|-----|---|
| Skudesnaes ...  |       |     |    |    |    |   |   |     |   |   |     |    |     |   |
| Thurso ...      | 29.10 | +11 | 47 | 43 | 0  | — | — | SW  | 6 | 7 | SSW | 4  | cyp | — |
| Scarborough ... | 29.57 | -09 | 49 | 46 | +5 | — | — | —   | 5 | 4 | —   | 8  | o   | — |
| Greencastle ... | 29.36 | +04 | 45 | 43 | 0  | — | — | SSW | 4 | 6 | WSW | 9  | ?d  | — |
| Holyhead ...    | 29.46 | -07 | 46 | 45 | -3 | — | — | SSW | 1 | 3 | SSW | 10 | r   | — |
| Valencia ...    | 29.39 | -05 | 47 | 45 | 0  | — | — | WSW | 4 | 4 | SW  | 8  | g   | — |
| Scilly ...      | 29.52 | -06 | 50 | 50 | -2 | — | — | SSW | 5 | 6 | S   | 10 | br  | — |
| London ...      | 29.77 | -09 | 51 | 48 | +5 | — | — | S   | 3 | 3 | S   | 4  | bc  | — |
| Rochefort ...   | 29.97 | -03 | 49 | 45 | +4 | — | — | SE  | 4 | — | —   | 7  | c   | — |

Pressure has increased again briskly at Thurso, but continues to decrease elsewhere. The wind has veered a little at some stations but the sea continues rough in the south-west.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m. N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at



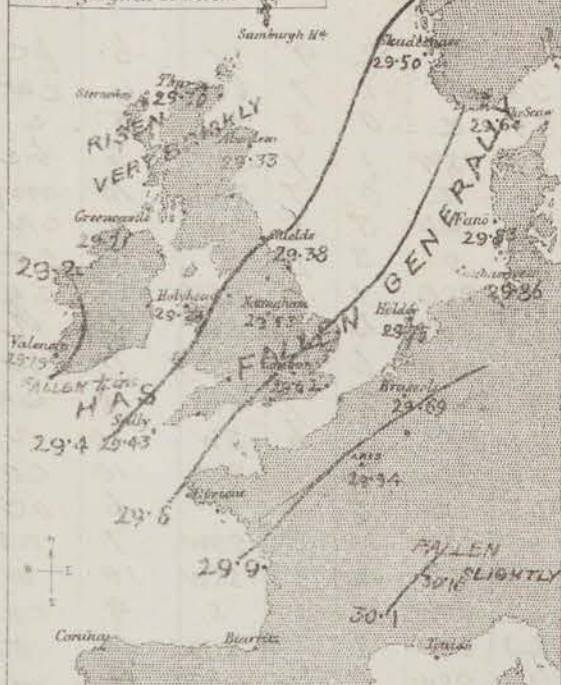
# WEATHER CHARTS

AND REMARKS FOR

THURSDAY 9<sup>TH</sup> JANUARY 1873 AT 8 A.M.

## BAROMETER.

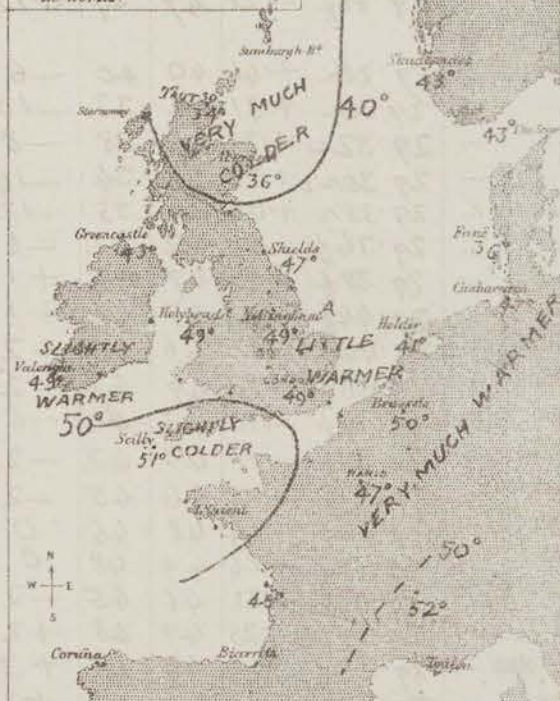
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past 24 hours the barometer has risen considerably in the extreme north and north west of Scotland, but fallen elsewhere, chiefly on our western and southern coasts. The lowest reading is now found at Valencia, and from Paris to Pembroke there is a gradient of 0.08 in. per 50 miles.

## TEMPERATURE.

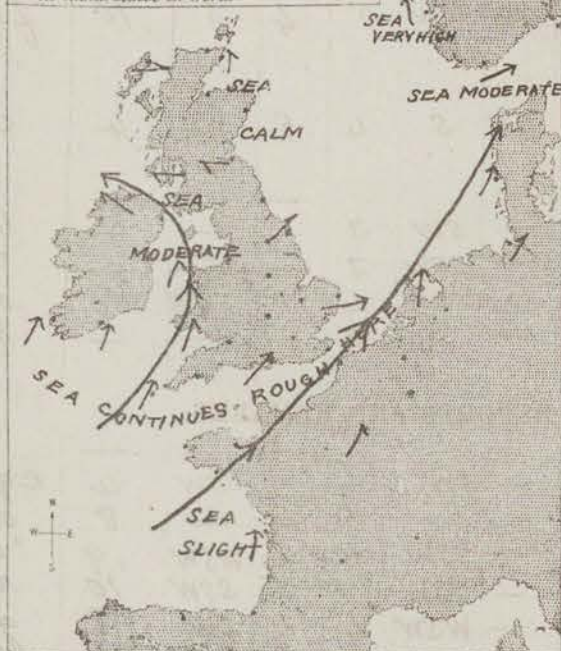
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen rapidly over Holland and the east of France, while it has fallen rapidly in Scotland elsewhere the changes have been slight and irregular.

## WIND & SEA.

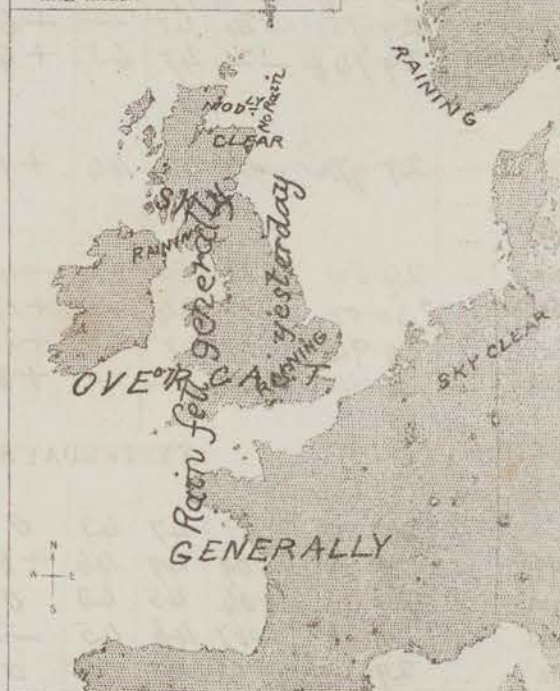
- 1 Arrows fly with the wind. Force 0 to 1 - 6 Force 8 to 10 - 12 Force above 10 - 14
- 2 Dark curved arrow shows apparent general motion of air.
- 3 Sea disturbance in words.



Moderate to fresh S<sup>W</sup> or S<sup>W</sup> winds still prevail at all but our northern stations, where they draw round to a light E<sup>W</sup> wind in the south of Scotland, with calms and variable airs in the south. The sea runs very high at Shetland, rough on our SW and S coasts, moderate or slight elsewhere.

## CLOUD, RAIN &c.

- 1 Prevalence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



Rain has fallen throughout our islands - except in the east coast of Scotland. The sky is still very cloudy with rain continuing in several places.

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Delivery by hand 10/- per quarter  
book post 4/- per quarter

Meteorological Office  
116, Victoria Str<sup>l</sup>. Westminster S.W.

ROBERT H. SCOTT, Director

Vincent Brooks Day & Son Ltd. London W.C.



Friday 8 a.m.

## WEATHER REPORT.

Jan 10<sup>th</sup> 1873

| STATIONS.                | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 hours. | Sea<br>Disturb-<br>ance<br>0 to 3. |
|--------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                          | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                                    |
|                          |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                                    |
| *Christiansund...        | 29.41   | +12                           | 39                           | 07           | -6  | —                 | —    | ESE       | 2                    | 2                    | ESE    | —                              | C 0                                  | —                                 | 5                                  |
| *Skudesnaes ...          | 29.33   | -17                           | 44                           | 44           | +1  | —                 | —    | S         | 6                    | 4                    | S      | —                              | 2 0                                  | —                                 | 7                                  |
| *Oxö (Christiansand)     | 29.51   | -13                           | 44                           | 43           | +1  | —                 | —    | SW        | 6                    | 6                    | SW     | —                              | 2                                    | —                                 | 5                                  |
| *Fanö ...                | 29.77   | -06                           | 44                           | 43           | +6  | —                 | —    | SSW       | 8                    | —                    | —      | —                              | C                                    | —                                 | —                                  |
| Cuxhaven ...             | 29.848  | +02                           | 48                           | 46           | +1  | —                 | 35   | SSW       | 5                    | 4                    | SSW    | —                              | 0                                    | 0.05                              | —                                  |
| Sumburgh Head            |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Stornoway (Hebrides)     | 29.088  | -20                           | 45                           | 44           | +5  | —                 | 31   | SW        | 2                    | 2                    | SW     | 10                             | 2 9                                  | 0.38                              | 1                                  |
| Thurso ...               | 29.098  | -21                           | 39                           | 38           | +5  | 44                | 34   | S         | 1                    | 1                    | SE     | 5                              | 0 7 w                                | 0.08                              | —                                  |
| Wick ...                 | 29.148  | -18                           | 43                           | 41           | +4  | 45                | 37   | S         | 1                    | 2                    | S      | 8                              | 0                                    | 0.16                              | —                                  |
| Nairn ...                | 29.168  | -14                           | 46                           | 44           | +11   | 46                | 34   | SSW       | 2                    | 1                    | SSW    | 8                              | C 0                                  | 0.03                              | —                                  |
| Aberdeen ...             | 29.248  | -11                           | 45                           | 44           | +9  | 47                | 36   | SSW       | 3                    | 3                    | SSW    | 8                              | for 0                                | 0.13                              | —                                  |
| Leith ...                | 29.288  | -08                           | 47                           | 45           | +5  | 52                | 41   | W         | 3                    | 3                    | W      | 1                              | C 6                                  | 0.16                              | —                                  |
| Shields ...              | 29.388  | 00                            | 48                           | 45           | +1  | 50                | 47   | SW        | 5                    | 5                    | SSW    | 4                              | C                                    | 0.02                              | 3                                  |
| York ...                 | 29.512  | +07                           | 49                           | 47           | +2  | 51                | 46   | S         | 1                    | 2                    | S      | 10                             | 0 9                                  | 0.01                              | —                                  |
| Scarborough ...          | 29.502  | +06                           | 49                           | 48           | +3  | 52                | 45   | SW        | 3                    | 5                    | SW     | 7                              | C                                    | 0.02                              | 2                                  |
| Nottingham ...           | 29.572  | +04                           | 51                           | 49           | +2  | 55                | 49   | SSW       | 4                    | 9                    | S      | 10                             | w 2 w                                | 0.02                              | —                                  |
| Ardrossan ...            | 29.292  | 00                            | 47                           | 45           | +4  | 50                | 43   | SSW       | 4                    | 6                    | S      | 5                              | C                                    | 0.38                              | —                                  |
| Greencastle ...          | 29.242  | +03                           | 45                           | 44           | +2  | 47                | 41   | S         | 5                    | 5                    | S      | 4                              | g C                                  | 0.12                              | —                                  |
| Donaghadee ...           | 29.282  | +05                           | 45                           | 44           | -1  | 48                | 43   | S         | 6                    | 7                    | S      | 1                              | C 6                                  | 0.09                              | 5                                  |
| Kingstown ...            | 29.362  | +11                           | 47                           | 45           | -1  | 51                | 46   | SSE       | 3                    | 4                    | SSE    | 5                              | 2 m                                  | 0.05                              | 3                                  |
| Holyhead ...             | 29.412  | +12                           | 49                           | 48           | 0   | 52                | 49   | SSE       | 4                    | 4                    | SSE    | 10                             | 2 0                                  | 0.30                              | 2                                  |
| Liverpool (Bidston Obs.) | 29.502  | +08                           | 48                           | 45           | +2  | 53                | 46   | SSW       | 3                    | 5                    | SW     | 2                              | C 6                                  | 0.10                              | 2                                  |
| Valencia ...             | 29.242  | +05                           | 50                           | 48           | +1  | 52                | 44   | SSW       | 6                    | 7                    | W      | 8                              | p 9                                  | 0.12                              | 5                                  |
| Roche's Point ...        | 29.342  | +09                           | 49                           | 48           | +1  | 50                | 45   | SSW       | 5                    | 6                    | SSW    | 8                              | 0                                    | 0.20                              | 5                                  |
| Pembroke ...             | 29.492  | +09                           | 49                           | 47           | 0   | 50                | 48   | SSW       | 5                    | 7                    | S      | 3                              | 2 m                                  | 0.22                              | 5                                  |
| Portishead ...           | 29.602  | +12                           | 50                           | 49           | 0   | 54                | 48   | S         | 5                    | 8                    | S      | 10                             | g p                                  | 0.16                              | 5                                  |
| Scilly ...               | 29.522  | +09                           | 50                           | 50           | -0  | 53                | 49   | SSW       | 5                    | 6                    | SSW    | 8                              | 0 m                                  | 0.20                              | 6                                  |
| Plymouth ...             | 29.602  | +09                           | 51                           | 51           | +1  | 53                | 49   | SSW       | 3                    | 7                    | S      | 10                             | d f                                  | 0.16                              | —                                  |
| Portsmouth ...           | 29.698  | +04                           | 49                           | 49           | -1  | 52                | 47   | SW        | 1                    | 8                    | SW     | 9                              | 2                                    | 0.82                              | 1                                  |
| Dover ...                | 29.758  | +04                           | 49                           | 48           | 0   | 51                | 48   | SSW       | 5                    | 7                    | SSW    | 7                              | g d                                  | 0.06                              | 5                                  |
| London ...               | 29.692  | +07                           | 48                           | 47           | -1  | 53                | 47   | SSW       | 2                    | 8                    | SW     | 10                             | 2                                    | 0.46                              | —                                  |
| Oxford ...               | 29.622  | +07                           | 48                           | 47           | 0   | 53                | 48   | SSW       | 3                    | 8                    | SW     | 9                              | 2 0                                  | 0.17                              | —                                  |
| Cambridge ...            | 29.642  | +05                           | 51                           | 49           | +3  | 52                | 47   | SSW       | 4                    | 4                    | SSW    | 10                             | 2                                    | 0.41                              | —                                  |
| Yarmouth ...             | 29.648  | +03                           | 50                           | 49           | +3  | 51                | 46   | SSW       | 6                    | 7                    | SSW    | 8                              | m g                                  | 0.02                              | 5                                  |
| *Helder ...              | 29.75   | 00                            | 49                           | —            | +8  | —                 | —    | SSW       | 7                    | —                    | —      | —                              | —                                    | —                                 | 4                                  |
| Cape Gris Nez...         | 29.788  | +04                           | 49                           | 45           | +2  | 51                | 45   | S         | 5                    | 5                    | SSW    | 10                             | 2                                    | 0.20                              | 3                                  |
| Brest ...                | 29.692  | —                             | 52                           | 50           | —   | 54                | 47   | SSW       | 5                    | 8                    | S      | 1                              | 2 6                                  | 0.51                              | 6                                  |
| L'Orient ...             | 29.772  | —                             | 53                           | 53           | —   | 57                | 56   | WSW       | 5                    | 8                    | SW     | 5                              | 2 C                                  | 0.32                              | 5                                  |
| Rochefort ...            | 29.972  | 00                            | 50                           | 46           | +4  | 55                | 46   | S         | 5                    | 5                    | S      | 6                              | C                                    | —                                 | 5                                  |
| Biarritz ...             | 29.965  | —                             | 59                           | 55           | —   | 61                | 55   | S         | 8                    | 5                    | S      | 9                              | m 0                                  | —                                 | —                                  |
| *Corunna ...             |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| *Brussels ...            | 29.92   | +03                           | 54                           | —            | +4  | —                 | —    | SSW       | 4                    | —                    | —      | —                              | C                                    | —                                 | —                                  |
| *Charleville ...         | 30.14   | +14                           | 46                           | —            | +2  | —                 | —    | SW        | 3                    | —                    | —      | —                              | 0                                    | —                                 | —                                  |
| Paris ...                | 29.952  | +01                           | 48                           | 44           | +1  | 52                | 44   | SSE       | 4                    | 5                    | SSE    | 10                             | 0                                    | —                                 | —                                  |
| *Lyons...                | 30.11   | +01                           | 55                           | —            | +3  | —                 | —    | SE        | 3                    | —                    | —      | —                              | 6                                    | —                                 | —                                  |
| Toulon...                | 30.268  | —                             | 49                           | 47           | —   | 56                | 42   | E         | 4                    | 4                    | SSE    | 7                              | f                                    | —                                 | —                                  |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |     |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|-----|---|---|
| Skudesnaes ...  | 29.43 | -07 | 44 | 43 | +1 | — | — | SSE | 6 | — | —   | —  | 0   | — | — |
| Thurso ...      | 29.26 | -04 | 37 | 36 | +3 | — | — | Z   | 0 | 1 | S   | 5  | m   | — | — |
| Scarborough ... | 29.47 | +03 | 49 | 48 | +3 | — | — | SW  | 3 | 4 | SW  | 7  | C   | — | — |
| Greencastle ... | 29.23 | +02 | 45 | 44 | +2 | — | — | S   | 1 | 2 | ESE | 10 | —   | — | — |
| Holyhead ...    | 29.34 | +05 | 49 | 48 | 0  | — | — | S   | 2 | 2 | S   | 10 | 2   | — | — |
| Valencia ...    | 29.10 | -09 | 51 | 50 | +2 | — | — | SW  | 6 | 6 | SSW | 6  | p   | — | — |
| Scilly ...      | 29.38 | -05 | 53 | 52 | +2 | — | — | SSW | 6 | 6 | SSW | 9  | m   | — | — |
| London ...      | 29.66 | +04 | 53 | 51 | +4 | — | — | SSW | 4 | 4 | S   | 10 | 0 d | — | — |
| Rochefort ...   | 29.96 | -01 | 54 | 49 | +8 | — | — | S   | 5 | — | —   | 6  | C   | — | — |

The barometer has risen slightly at Scarborough, Greencastle, Holyhead and in London fallen on the SW coasts and at Thurso. Winds are very little changed, but continue strong in the S. with a rough sea

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 a.m.



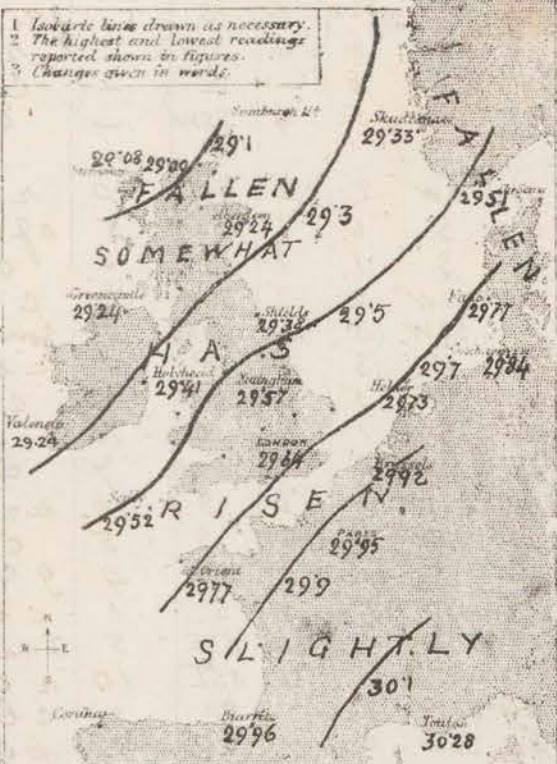
# WEATHER CHARTS

AND REMARKS FOR

FRIDAY 10<sup>TH</sup> JANUARY 1873 AT 8 A.M.

## BAROMETER

- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



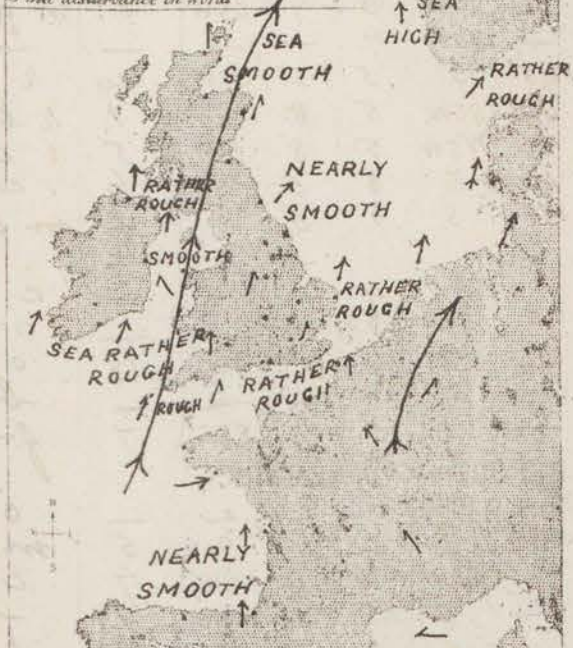
## TEMPERATURE

- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



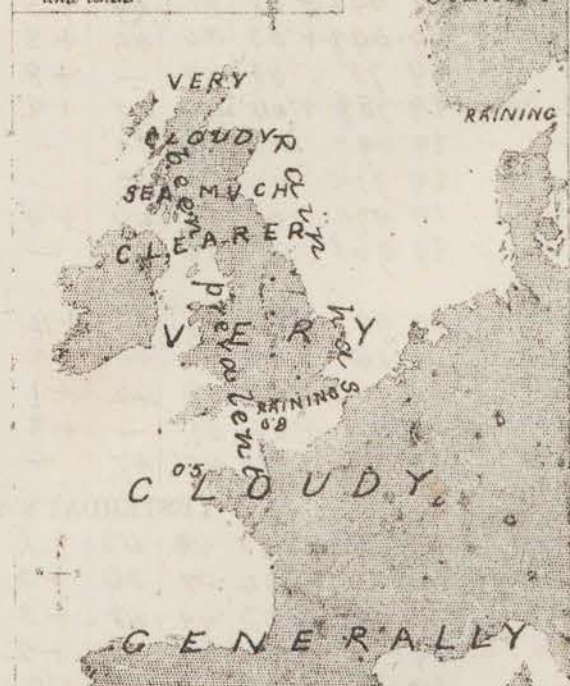
## WIND & SEA

- 1 Arrows fly with the wind. Force 0 to 1 - 3 Force 8 to 10 - 4 Force above 10 - 5
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



## CLOUD, RAIN & C.

- 1 Prominence of cloud, fog, rain &c given in words
- 2 Heavy falls of rain given in inches and tenths



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Meteorological Office  
116, Victoria Str. Westminster, S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd, London W.C.



Saturday 8 a.m.

# WEATHER REPORT. Jan<sup>y</sup> 11<sup>th</sup> 187

| STATIONS.               | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   | WIND. |           |                      |                      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance<br>0 to 9 |      |
|-------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|------|
|                         | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |       | At 8 A.M. |                      | Extreme.             |                                |                                      |                                   |                                   |      |
|                         |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min.  | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) |                                |                                      |                                   |                                   | Dir. |
| *Christiansund...       | 29.42   | +01                           | 44                           | 41           | +5  | —                 | —     | SSW       | 2                    | 2                    | SSW                            | —                                    | o c                               | —                                 | 5    |
| *Skudesnaes ...         | 29.44   | +11?                          | 44                           | 43           | 0   | —                 | —     | SSE       | 6                    | 4                    | S                              | —                                    | o c                               | —                                 | 4    |
| *Oxö (Xtiansand)        | 29.63   | +12                           | 44                           | 43           | 0   | —                 | —     | SW        | 6                    | 6                    | SW                             | —                                    | o                                 | —                                 | 4    |
| *Fano ...               | 29.91   | +14                           | 42                           | 41           | -2  | —                 | —     | SSW       | 6                    | —                    | —                              | —                                    | c                                 | —                                 | —    |
| Cuxhaven ...            | 29.982  | +14                           | 43                           | 42           | -5  | 49                | —     | S         | 3                    | 4                    | SSW                            | 7                                    | o                                 | 0.02                              | —    |
| Sumburgh Head           |   |                               |                              |              |   |                   |       |           |                      |                      |                                |                                      |                                   |                                   |      |
| Stornoway (Hebrides)    | 29.312  | +23                           | 44                           | 41           | -1  | 45                | 38    | SW        | 2                    | —                    | SW                             | 6                                    | p c                               | 0.52                              | 2    |
| Thurso ...              | 29.322  | +23                           | 40                           | 39           | +1  | 46                | 38    | SSE       | 1                    | 2                    | SW                             | 9                                    | c p                               | 0.02                              | 1    |
| Wick ...                | 29.382  | +24                           | 42                           | 41           | -7  | 45                | 37    | SSW       | 1                    | 1                    | S                              | 3                                    | b                                 | 0.03                              | 0    |
| Nairn ...               | 29.392  | +23                           | 39                           | 36           | -7  | 47                | 36    | SW        | 1                    | 2                    | ESE                            | 1                                    | o b                               | 0.02                              | 1    |
| Aberdeen ...            | 29.432  | +19                           | 42                           | 40           | -3  | 49                | 42    | SSW       | 1                    | 3                    | SSW                            | 1                                    | b m                               | 0.07                              | 1    |
| Leith ...               | 29.502  | +22                           | 46                           | 45           | -1  | 52                | 44    | SW        | 3                    | 3                    | W                              | 3                                    | c b                               | 0.07                              | —    |
| Shields ...             | 29.572  | +19                           | 47                           | 45           | -1  | 49                | 46    | SSW       | 5                    | 5                    | SSW                            | 3                                    | b                                 | —                                 | 2    |
| York ...                | 29.662  | +15                           | 48                           | 47           | -1  | 53                | 47    | S         | 1                    | 3                    | S                              | 6                                    | c                                 | 0.01                              | —    |
| Scarborough ...         | 29.662  | +16                           | 47                           | 46           | -2  | 51                | 45    | SW        | 3                    | 4                    | SW                             | 3                                    | c b                               | —                                 | 2    |
| Nottingham ...          | 29.742  | +17                           | 50                           | 48           | -1  | 55                | 48    | SSW       | 4                    | 5                    | SSW                            | 8                                    | c m                               | —                                 | —    |
| Ardrossan ...           | 29.512  | +22                           | 47                           | 45           | 0   | 50                | 46    | SSW       | 3                    | 4                    | SSW                            | 6                                    | e                                 | 0.18                              | 3    |
| Greencastle ...         | 29.452  | +2                            | 45                           | 44           | 0   | 47                | 43    | SSW       | 4                    | 5                    | S                              | 10                                   | g                                 | 0.08                              | —    |
| Donaghadee ...          | 29.492  | +21                           | 45                           | 44           | 0   | 51                | 42    | SW        | 6                    | 6                    | SW                             | 6                                    | c                                 | 0.05                              | 5    |
| Kingstown ...           | 29.572  | +21                           | 49                           | 46           | +2  | 52                | 46    | SE        | 2                    | 4                    | SSE                            | 8                                    | p w                               | 0.11                              | 3    |
| Holyhead ...            | 29.592  | +18                           | 45                           | 47           | -1  | 52                | 48    | S         | 3                    | 5                    | S                              | 7                                    | r m                               | 0.75                              | 2    |
| Liverpool (Biddon Obs.) | 29.672  | +17                           | 47                           | 46           | +1  | 53                | 47    | SSW       | 3                    | 5                    | SSW                            | 8                                    | c o                               | 0.0                               | 2    |
| Valencia ...            | 29.532  | +29                           | 46                           | 45           | -4  | 52                | 45    | SW        | 3                    | 6                    | SW                             | 7                                    | p c                               | 0.09                              | 5    |
| Roche's Point ...       | 29.592  | +25                           | 48                           | 47           | -1  | 50                | 40    | SSW       | 4                    | 7                    | SSW                            | 7                                    | o g c                             | 0.18                              | 4    |
| Pembroke ...            | 29.662  | +17                           | 49                           | 48           | 0   | 51                | 47    | S         | 4                    | 7                    | S                              | 10                                   | o m                               | 0.08                              | 5    |
| Portishead ...          | 29.742  | +14                           | 52                           | 50           | +2  | 55                | 48    | S         | 4                    | 7                    | SW                             | 10                                   | g o                               | 0.03                              | 4    |
| Scilly ...              | 29.682  | +16                           | 50                           | 49           | 0   | 52                | 49    | S         | 4                    | 6                    | SSW                            | 8                                    | c o                               | 0.45                              | 6    |
| Plymouth ...            | 29.742  | +14                           | 51                           | 50           | 0   | 54                | 50    | S         | 4                    | 4                    | S                              | 10                                   | o m                               | 0.02                              | —    |
| Portsmouth ...          | 29.832  | +14                           | 50                           | 49           | +1  | 54                | 48    | SSW       | 3                    | 4                    | SW                             | 9                                    | c o                               | —                                 | 3    |
| Dover ...               | 29.892  | +14                           | 49                           | 48           | 0   | 52                | 48    | SSW       | 3                    | 5                    | SW                             | 4                                    | b c                               | 0.03                              | 3    |
| London ...              | 29.822  | +13                           | 49                           | 48           | +1  | 54                | 46    | S         | 3                    | 6                    | S                              | 3                                    | c b                               | 0.03                              | —    |
| Oxford ...              | 29.772  | +15                           | 49                           | 48           | +1  | 54                | —     | S         | 4                    | 7                    | SSW                            | 8                                    | c o                               | —                                 | —    |
| Cambridge ...           | 29.802  | +16                           | 48                           | 46           | -3  | 54                | 45    | SSW       | 2                    | 2                    | SSW                            | 10                                   | b o                               | 0.02                              | —    |
| Yarmouth ...            | 29.792  | +15                           | 49                           | 48           | -1  | 52                | 46    | SSW       | 5                    | 6                    | SSW                            | 6                                    | m c                               | 0.01                              | 4    |
| *Helder ...             | 29.912  | +16                           | 45                           | —            | -4  | —                 | —     | S         | 4                    | —                    | —                              | —                                    | —                                 | —                                 | 4    |
| Cape Gris Nez...        | 29.892  | +11                           | 49                           | 47           | 0   | 52                | 48    | SSW       | 4                    | 5                    | S                              | 8                                    | o c                               | 0.04                              | 3    |
| Brest ...               | 29.792  | +10                           | 51                           | 51           | -1  | 54                | 50    | SSW       | 5                    | 7                    | SSW                            | 10                                   | o c                               | 0.67                              | 6    |
| L'Orient ...            | 29.862  | +09                           | 51                           | 51           | -2  | 58                | 50    | SW        | 1                    | 4                    | SSW                            | 9                                    | c r                               | 0.08                              | 5    |
| Rochefort ...           | 29.992  | +02                           | 48                           | 44           | -2  | 54                | 45    | S         | 5                    | 5                    | S                              | 6                                    | o c                               | —                                 | 3    |
| Biarritz ...            | 30.022  | +06                           | 57                           | 48           | -2  | 59                | 54    | S         | 3                    | 7                    | S                              | 5                                    | o c                               | —                                 | 5    |
| *Corunna ...            |   |                               |                              |              |   |                   |       |           |                      |                      |                                |                                      |                                   |                                   |      |
| *Brussels ...           | 30.01   | +09                           | 52                           | —            | -2  | —                 | —     | WSW       | 3                    | —                    | —                              | —                                    | c                                 | —                                 | —    |
| *Charleville ...        | 30.14   | +00                           | 44                           | —            | -2  | —                 | —     | ESE       | 3                    | —                    | —                              | —                                    | c                                 | —                                 | —    |
| Paris ...               | 30.02   | +07                           | 43                           | 42           | -5  | 54                | 41    | S         | 4                    | 5                    | S                              | 10                                   | o                                 | —                                 | —    |
| *Lyons...               | 30.14   | +03                           | 55                           | —            | 0   | —                 | —     | S         | 3                    | —                    | —                              | —                                    | b                                 | —                                 | —    |
| Toulon...               | 30.32   | +06                           | 49                           | 47           | 0   | 52                | 49    | E         | 4                    | 5                    | E                              | 8                                    | g m                               | —                                 | —    |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |     |   |   |     |    |     |   |   |
|-----------------|-------|-----|----|----|----|---|-----|---|---|-----|----|-----|---|---|
| Skudesnaes ...  | 29.43 | +10 | 44 | 44 | 0  | — | S   | 6 | — | —   | —  | o   | — | 4 |
| Thurso ...      | 29.18 | +09 | 46 | 44 | +7 | — | SW  | 2 | 2 | SSW | 4  | c   | — | 2 |
| Scarborough ... | 29.57 | +07 | 50 | 47 | +1 | — | SW  | 2 | 3 | SW  | 5  | c   | — | 2 |
| Greencastle ... | 29.36 | +09 | 47 | 46 | +2 | — | SSW | 3 | 3 | S   | 10 | g   | — | — |
| Holyhead ...    | 29.47 | +06 | 50 | 49 | +1 | — | S   | 4 | 4 | S   | 6  | m   | — | 2 |
| Valencia ...    | 29.29 | +05 | 50 | 48 | 0  | — | SW  | 5 | 6 | SW  | 7  | p   | — | 5 |
| Scilly ...      | 29.58 | +06 | 52 | 51 | +2 | — | SSW | 6 | 6 | SSW | 7  | c   | — | 6 |
| London ...      | 29.77 | +08 | 54 | 51 | +6 | — | SSW | 3 | 3 | S   | 16 | r c | — | — |
| Rochefort ...   | 30.02 | +05 | 54 | 49 | +4 | — | S   | 5 | — | —   | 10 | o   | — | 3 |

The barometer has risen very uniformly in our Islands and at Rochefort. Light to fresh S winds are reported with cloudy weather, and showers at Valencia; but the sea continued rough on our SW coasts

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.** strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

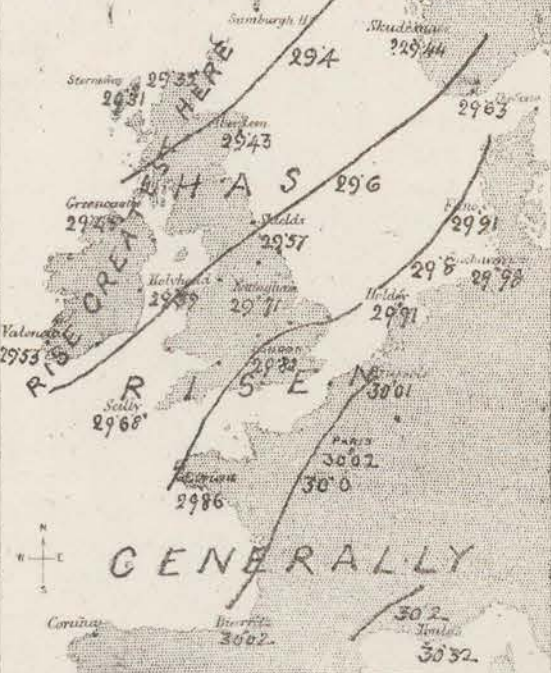
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

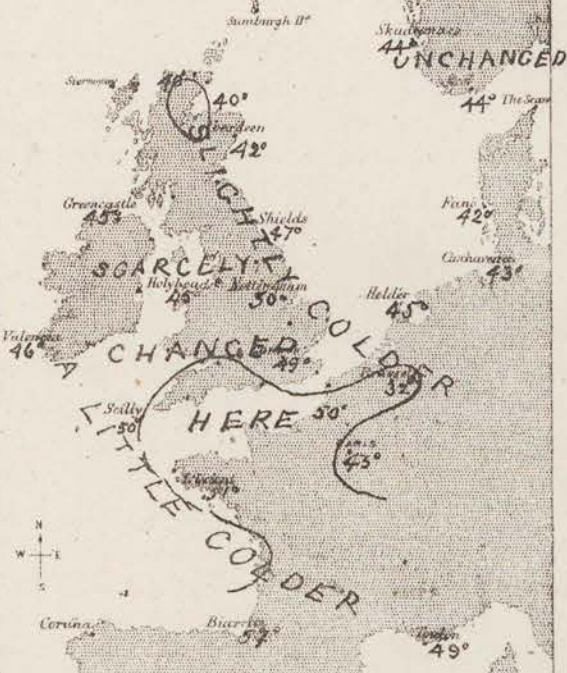
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



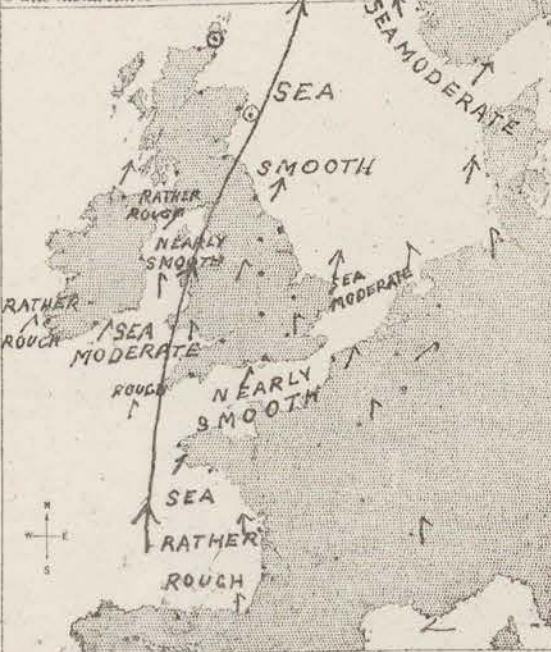
SATUR DAY 11<sup>TH</sup> JANUARY 1873 AT 8 A.M.



During the past 24 hours a recovery of barometrical pressure has taken place at all stations; and the change having been greatest on our western and northern coasts, readings are more uniform than of late. From Dover to Greenock the gradient is now 0.55 in per 50 miles.



Temperature has fallen a little at our north eastern stations as well as in Denmark, Holland and the west of France. Elsewhere there is little change.



S<sup>W</sup> and S<sup>W</sup><sup>1/2</sup> winds still prevail throughout the north west of Europe. They are fresh at Jano, Thudness, and Oxö, but generally moderate elsewhere. The sea, though still rough at Lully, and in the Bay of Biscay, is moderate to smooth on our coasts.



Some rain has again fallen  
at most stations. Large lunar halos  
have been seen on some places. The sky  
is less cloudy than of late.

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Meteorological Office  
116, Victoria Str<sup>t</sup>. Westminster S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son, Ltd. London W.C.



Sun. day 8 a.m.

## WEATHER REPORT.

JANUARY 12<sup>th</sup> 1873.

| STATIONS.                   | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|
|                             | At 8 a.m.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 a.m.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 a.m. |                      | Extremes.            |      |                                |                                      |                                   |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dir. |                                |                                      |                                   |
| *Christiansund...           | 29.25   | -17                           | 43                           | 40           | -1  | —                 | —    | SSW       | 2                    | 4                    | SSW  | —                              | oc                                   | —                                 |
| *Skudesnaes ...             | 29.50   | +06                           | 43                           | 42           | -1  | —                 | —    | SSW       | 4                    | 4                    | SSE  | —                              | o                                    | —                                 |
| *Oxö (x'tiansand)           | 29.55   | -08                           | 43                           | 42           | -1  | —                 | —    | W         | 6                    | 6                    | SW   | —                              | rf                                   | —                                 |
| *Fanö ...                   | 29.67   | -24                           | 43                           | 43           | +1  | —                 | —    | SSW       | 6                    | —                    | —    | —                              | or                                   | —                                 |
| Cuxhaven ...                | 29.878  | +09                           | 46                           | 45           | +3  | —                 | 41   | SW        | 5                    | 4                    | SSW  | 7                              | o                                    | —                                 |
| Sumburgh Head               |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |
| Stornoway (He-<br>brides.)  | 29.52n  | +20                           | 37                           | 36           | -7  | 44                | 35   | W         | 2                    | 2                    | SW   | 6                              | pc                                   | 0.50                              |
| Thurso ...                  | 29.48n  | +16                           | 38                           | 36           | -2  | 44                | 36   | SW        | 2                    | 2                    | WSW  | 5                              | pc                                   | 0.11                              |
| Wick ...                    | 29.43n  | +05                           | 41                           | 38           | -1  | 45                | 35   | SSW       | 1                    | 1                    | SW   | 5                              | bc                                   | —                                 |
| Nairn ...                   | 29.51n  | +12                           | 39                           | 36           | 0   | 47                | 37   | SW        | 1                    | 2                    | WNW  | 2                              | b                                    | —                                 |
| Aberdeen ...                | 29.61n  | +18                           | 36                           | 35           | -6  | 47                | 35   | SW        | 1                    | 2                    | SSW  | 4                              | cm                                   | —                                 |
| Leith ...                   | 29.70n  | +20                           | 38                           | 37           | -8  | 52                | 37   | WSW       | 3                    | 4                    | W    | 2                              | b                                    | —                                 |
| Shields ...                 | 29.73n  | +16                           | 41                           | 40           | -6  | 50                | 41   | W         | 3                    | 4                    | SSW  | 3                              | b                                    | —                                 |
| York ...                    | 29.74n  | +08                           | 44                           | 43           | -4  | 51                | 44   | SW        | 1                    | 3                    | SW   | 4                              | oc                                   | 0.10                              |
| Scarborough ...             | 29.76n  | +10                           | 45                           | 45           | -2  | 51                | 43   | W         | 2                    | 3                    | SW   | 8                              | co                                   | 0.02                              |
| Nottingham ...              | 29.82n  | +08                           | 45                           | 44           | -5  | 55                | 45   | SW        | 3                    | 4                    | SSW  | 5                              | uc                                   | 0.15                              |
| Ardrossan ...               | 29.71n  | +20                           | 44                           | 40           | -3  | 49                | 43   | SW        | 3                    | 4                    | SW   | 5                              | c                                    | —                                 |
| Greencastle ...             | 29.66n  | +21                           | 40                           | 39           | -5  | 46                | 39   | WSW       | 3                    | 4                    | SSW  | 6                              | gc                                   | 0.03                              |
| Donaghadee ...              | 29.76n  | +27                           | 38                           | 37           | -7  | 49                | 37   | W         | 2                    | 6                    | SW   | 8                              | co                                   | 0.19                              |
| Kingstown ...               | 29.85n  | +28                           | 42                           | 40           | -7  | 51                | 41   | SSW       | 1                    | 2                    | S    | 5                              | m                                    | 0.05                              |
| Holyhead ...                | 29.77n  | +18                           | 45                           | 44           | -3  | 54                | 44   | W         | 2                    | 3                    | SSW  | 6                              | mc                                   | 0.05                              |
| Liverpool (Bidston<br>Obs.) | 29.82n  | +15                           | 44                           | 43           | -5  | 52                | 43   | WNW       | 3                    | 4                    | SW   | 10                             | o                                    | 0.12                              |
| Valencia ...                | 29.89n  | +36                           | 47                           | 46           | +1  | 49                | 39   | SW        | 2                    | 3                    | E    | 6                              | fp                                   | 0.02                              |
| Roche's Point ...           | 29.91n  | +32                           | 43                           | 42           | -5  | 50                | 40   | W         | 3                    | 5                    | SSW  | 2                              | cb                                   | 0.08                              |
| Pembroke ...                | 29.89n  | +23                           | 47                           | 45           | -2  | 50                | 46   | W         | 3                    | 5                    | SSW  | 7                              | fc                                   | 0.03                              |
| Portishead ...              | 29.89n  | +15                           | 47                           | 46           | -5  | 53                | 44   | W         | 5                    | 6                    | S    | 10                             | fp                                   | 0.42                              |
| Scilly ...                  | 29.97n  | +29                           | 48                           | 47           | -2  | 52                | 47   | WSW       | 4                    | 5                    | SSW  | 7                              | cp                                   | 0.01                              |
| Plymouth ...                | 29.93n  | +19                           | 46                           | 46           | -5  | 52                | 45   | W         | 2                    | 3                    | SW   | 3                              | rm                                   | 0.36                              |
| Portsmouth ...              | 29.94n  | +11                           | 48                           | 48           | -2  | 51                | 46   | SW        | 1                    | 4                    | SSW  | 9                              | o                                    | 0.04                              |
| Dover ...                   | 29.928  | +03                           | 49                           | 48           | 0   | 51                | 47   | SW        | 3                    | 3                    | WSW  | 5                              | oc                                   | —                                 |
| London ...                  | 29.88n  | +06                           | 48                           | 47           | -1  | 53                | 47   | SW        | 2                    | 2                    | SSW  | 7                              | c                                    | —                                 |
| Oxford ...                  | 29.88n  | +11                           | 47                           | 45           | -2  | 52                | 47   | SW        | 2                    | 4                    | S    | 10                             | o                                    | 0.06                              |
| Cambridge ...               | 29.86n  | +06                           | 48                           | 46           | 0   | 52                | 47   | SW        | 2                    | 2                    | SSW  | 10                             | o                                    | 0.07                              |
| Yarmouth ...                | 29.82s  | +03                           | 48                           | 47           | -1  | 50                | 46   | WSW       | 4                    | 5                    | SW   | 6                              | pc                                   | 0.03                              |
| *Helder ...                 |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |
| Cape Gris Nez...            | 29.93n  | +04                           | 48                           | 46           | -1  | 51                | 47   | SSW       | 5                    | 4                    | SSW  | 9                              | o                                    | —                                 |
| Brest ...                   | 30.04n  | +25                           | 50                           | 48           | -1  | 54                | 48   | WNW       | 3                    | 5                    | SSW  | 10                             | o                                    | 0.04                              |
| L'Orient ...                | 30.04n  | +18                           | 53                           | 53           | +2  | 58                | 48   | Z         | 0                    | 3                    | SSW  | 10                             | or                                   | 0.04                              |
| Rocheport ...               | 30.12n  | +13                           | 48                           | 44           | 0   | 54                | 45   | SW        | 5                    | 5                    | S    | 6                              | c                                    | —                                 |
| Biarritz ...                | 30.13n  | +11                           | 57                           | 53           | 0   | 64                | 54   | S         | 7                    | 5                    | S    | 7                              | cm                                   | —                                 |
| *Corunna ...                |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |
| *Brussels ...               | 30.00   | -01                           | 51                           | —            | -1  | —                 | —    | W         | 6                    | —                    | —    | —                              | o                                    | —                                 |
| *Charleville ...            | 30.11   | -03                           | 43                           | —            | -1  | —                 | —    | S         | 3                    | —                    | —    | —                              | c                                    | —                                 |
| Paris ...                   | 30.09n  | +07                           | 43                           | 41           | +1  | 52                | 40   | S         | 1                    | 4                    | S    | 10                             | c                                    | —                                 |
| *Lyons...                   | 30.18   | +04                           | 52                           | —            | -3  | —                 | —    | —         | —                    | —                    | —    | —                              | b                                    | —                                 |
| Toulon ...                  | 30.35n  | +03                           | 39                           | 35           | -10   | 55                | 37   | NE        | 1                    | 4                    | WSW  | 5                              | c                                    | —                                 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |    |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|----|---|
| Skudesnaes ...  | 29.53 | -01 | 45 | 44 | +1 | — | — | SSW | 4 | — | —   | —  | o  | — |
| Thurso ...      | 29.34 | +02 | 44 | 42 | +  | — | — | S   | 1 | 1 | SSE | 7  | c  | — |
| Scarborough ... | 29.68 | +02 | 49 | 48 | +2 | — | — | SW  | 3 | 3 | SW  | 4  | c  | — |
| Greencastle ... | 29.54 | +09 | 46 | 45 | +1 | — | — | SW  | 2 | 4 | SSW | 10 | —  | — |
| Holyhead ...    | 29.66 | +07 | 49 | 48 | +1 | — | — | SSW | 2 | 3 | S   | 6  | m  | — |
| Valencia ...    | 29.55 | +02 | 48 | 47 | +2 | — | — | E   | 2 | 3 | SW  | 8  | fp | — |
| Scilly ...      | 29.69 | +01 | 52 | 51 | +2 | — | — | SSW | 4 | 4 | SSW | 7  | c  | — |
| London ...      | 29.83 | +01 | 53 | 51 | +4 | — | — | S   | 2 | 3 | S   | 10 | co | — |
| Rocheport ...   | 30.00 | +01 | 54 | 49 | +6 | — | — | S   | 5 | — | —   | 4  | c  | — |

The barometer has again risen generally, chiefly in the NW. The wind is light everywhere. Valencia it is reported to have shifted to E; but elsewhere it is still generally S. The sea is still showery at Valencia. The sea is going down at Scilly.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.** strongest wind experienced in past 24 hours. **WEATHER.** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

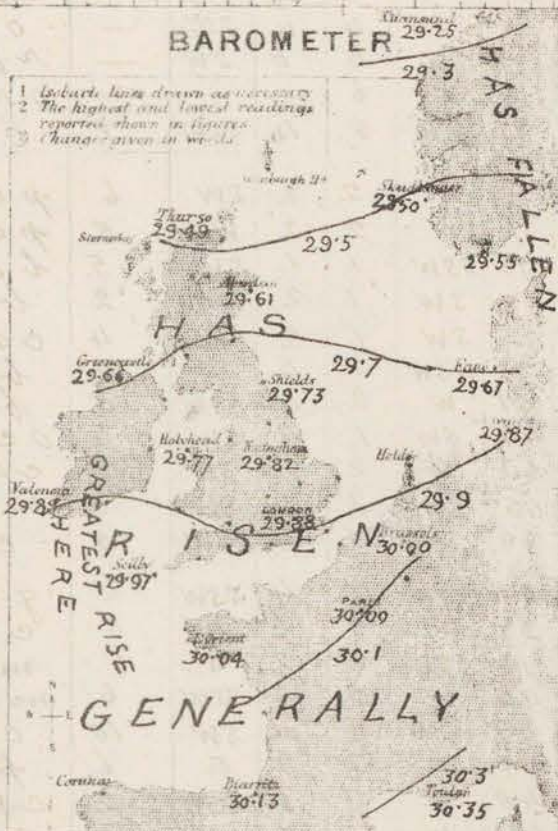
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 a.m.



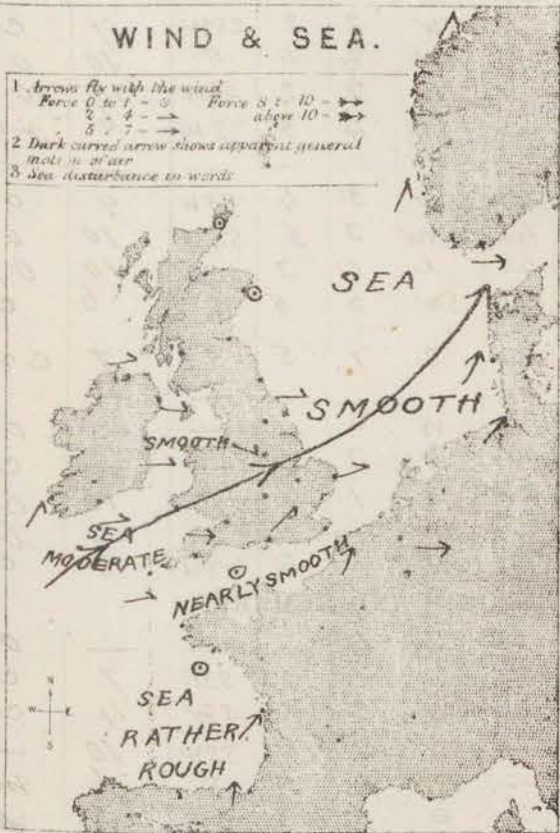
SUNDAY 12<sup>TH</sup> JANUARY 1873 AT 8 A.M.



The barometer has continued to rise since yesterday morning except in Norway, and Denmark where a fresh decrease of pressure has taken place. The lowest readings are still in the north and the gradient from Rochefort to Wick is 0.046 in per 50 miles.



Temperature has fallen several degrees in the west and north of England and in the south of France, but very little change has occurred elsewhere.



The wind has now veered generally and is light from W. on our Islands, while a fresh SW. breeze blows in Denmark and a W. wind at Ork.

The sea is rather rough in the Bay of Biscay, moderate to smooth elsewhere.



Rain has been general except at our eastern stations. The sky continues very cloudy except in the east and north, where it is moderately clear.

Subscription for the Charts payable in advance  
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post 5/- per quarter

Meteorological Office  
116, Victoria Str<sup>t</sup>. Westminster, S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son, Ltd., London W.C.



Monday 8 a.m.

# WEATHER REPORT. Jan'y 13<sup>th</sup> 1873

| STATIONS.                | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9 |
|--------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                          | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                                    |
|                          |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirco.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirco. |                                |                                      |                                   |                                    |
| *Christiansund...        | 29.10   | -.15                          | 36                           | 35           | -7  | —                 | —    | SSW       | 6                    | 4                    | WSW    | —                              | c                                    | —                                 | 5                                  |
| *Skudesnaes ...          | 29.23   | -.27                          | 42                           | 42           | -1  | —                 | —    | W         | 6                    | 2                    | SSW    | —                              | rf                                   | —                                 | 3                                  |
| *Oxö (X'iansand)         | 29.35   | -.20                          | 43                           | 42           | 0   | —                 | —    | SW        | 8                    | 4                    | W      | —                              | br                                   | —                                 | —                                  |
| *Fanö ...                | 29.76   | +0.09                         | 44                           | 42           | +1  | —                 | —    | SW        | 8                    | —                    | —      | —                              | o                                    | —                                 | —                                  |
| Cuxhaven ...             | 29.92   | +0.05                         | 45                           | 45           | -1  | —                 | 41   | SW        | 6                    | 5                    | SW     | 9                              | o                                    | —                                 | —                                  |
| Sumburgh Head            |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Stornoway (Hebrides.)    | 29.38   | -.14                          | 35                           | 35           | -2  | 40                | 34   | W         | 1                    | 3                    | W      | 5                              | pc                                   | 0.57                              | 1                                  |
| Thurso ...               | 29.30   | -.18                          | 38                           | 37           | 0   | 41                | 36   | SSW       | 1                    | 4                    | SSE    | 6                              | oc                                   | 0.13                              | 2                                  |
| Wick ...                 | 29.33   | -.10                          | 37                           | 36           | -4  | 44                | 35   | NNW       | 1                    | 2                    | W      | 4                              | oc                                   | 0.06                              | 0                                  |
| Nairn ...                | 29.42   | -.09                          | 41                           | 39           | +2  | 43                | 37   | W         | 2                    | 2                    | SW     | 6                              | rc                                   | 0.40                              | 2                                  |
| Aberdeen ...             | 29.42   | -.19                          | 43                           | 41           | +7  | 45                | 36   | Z         | 0                    | 4                    | SW     | 9                              | co                                   | —                                 | 1                                  |
| Leith ...                | 29.46   | -.24                          | 50                           | 48           | +12   | 52                | 38   | W         | 6                    | 7                    | SW     | 7                              | c                                    | 0.10                              | 2                                  |
| Shields...               | 29.54   | -.19                          | 50                           | 48           | +9  | 50                | 41   | WSW       | 5                    | 6                    | WSW    | 4                              | bc                                   | —                                 | 2                                  |
| York ...                 | 29.67   | -.07                          | 49                           | 47           | +5  | 50                | 41   | SW        | 5                    | 6                    | SW     | 10                             | co                                   | 0.01                              | 3                                  |
| Scarborough ...          | 29.62   | -.14                          | 48                           | 47           | +3  | 49                | 40   | W         | 4                    | 2                    | W      | 10                             | co                                   | —                                 | 3                                  |
| Nottingham ...           | 29.83   | +0.01                         | 50                           | 48           | +5  | 50                | 40   | SW        | 7                    | 9                    | SW     | 10                             | mr                                   | 0.09                              | 4                                  |
| Ardrossan ...            | 29.54   | -.17                          | 47                           | 45           | +3  | 50                | 44   | WNW       | 2                    | 7                    | SW     | 8                              | o                                    | 0.38                              | 4                                  |
| Greencastle ...          | 29.51   | -.15                          | 47                           | 46           | +7  | 48                | 38   | W         | 2                    | 7                    | SW     | 10                             | r                                    | 0.28                              | 2                                  |
| Donaghadee ...           | 29.60   | -.16                          | 50                           | 49           | +12   | 50                | 38   | W         | 3                    | 7                    | W      | 4                              | c                                    | 0.07                              | 2                                  |
| Kingstown ...            | 29.72   | -.13                          | 53                           | 51           | +11   | 54                | 41   | SW        | 4                    | 4                    | WSW    | 10                             | mo                                   | 0.07                              | 4                                  |
| Holyhead ...             | 29.77   | .00                           | 50                           | 49           | +5  | 51                | 44   | SW        | 5                    | 6                    | SW     | 10                             | ro                                   | 0.36                              | 4                                  |
| Liverpool (Bidston Obs.) | 29.77   | -.05                          | 50                           | 48           | +6  | 50                | 41   | SSW       | 5                    | 7                    | SW     | 7                              | c                                    | 0.06                              | 5                                  |
| Valencia ...             | 29.87   | -.02                          | 52                           | 50           | +5  | 53                | 45   | SW        | 3                    | 6                    | SW     | 9                              | rm                                   | 0.56                              | 5                                  |
| Roche's Point ...        | 29.87   | -.04                          | 51                           | 50           | +8  | 52                | 42   | WSW       | 4                    | 6                    | SW     | 9                              | co                                   | 0.18                              | 4                                  |
| Pembroke ...             | 29.91   | +0.02                         | 50                           | 49           | +3  | 50                | 46   | WSW       | 8                    | 8                    | SW     | 10                             | cm                                   | 0.23                              | 7                                  |
| Portishead ...           | 29.96   | +0.07                         | 48                           | 48           | +1  | 53                | 40   | SSW       | 7                    | 7                    | SSW    | 10                             | cq                                   | 0.20                              | 6                                  |
| Scilly ...               | 30.12   | +0.15                         | 51                           | 50           | +3  | 51                | 47   | SW        | 6                    | 6                    | SW     | 10                             | cm                                   | 0.03                              | 5                                  |
| Plymouth ...             | 30.09   | +0.16                         | 49                           | 49           | +3  | 52                | 45   | W         | 4                    | 6                    | W      | 10                             | bd                                   | 0.11                              | 5                                  |
| Portsmouth ...           | 30.09   | +0.15                         | 49                           | 48           | +1  | 50                | 45   | SW        | 7                    | 7                    | SW     | 10                             | cd                                   | 0.06                              | 5                                  |
| Dover ...                | 30.07   | +0.15                         | 48                           | 47           | -1  | 51                | 44   | SW        | 5                    | 5                    | SW     | 7                              | bw                                   | 0.01                              | 5                                  |
| London ...               | 30.01   | +0.13                         | 48                           | 47           | 0   | 50                | 41   | SW        | 6                    | 8                    | SSW    | 10                             | cbq                                  | 0.07                              | —                                  |
| Oxford ...               | 29.96   | +0.08                         | 48                           | 46           | +1  | 49                | 41   | SW        | 6                    | 8                    | SW     | 10                             | o                                    | 0.05                              | —                                  |
| Cambridge ...            | 29.93   | +0.07                         | 48                           | 45           | .0  | —                 | 39   | SW        | 3                    | 3                    | SW     | 10                             | ro                                   | 0.08                              | —                                  |
| Yarmouth ...             | 29.84   | +0.02                         | 47                           | 46           | -1  | 49                | 40   | WSW       | 7                    | 7                    | WNW    | 6                              | cr                                   | 0.11                              | 5                                  |
| *Helder ...              | 29.91   | —                             | 47                           | —            | —   | —                 | —    | SW        | 7                    | —                    | —      | —                              | —                                    | —                                 | 4                                  |
| Cape Gris Nez...         | 30.04   | +0.16                         | 48                           | 46           | 0   | 50                | 46   | WSW       | 8                    | 5                    | WSW    | 10                             | or                                   | 0.04                              | 5                                  |
| Brest ...                | 30.28   | +0.24                         | 51                           | 50           | +1  | 53                | 46   | W         | 5                    | 7                    | W      | 10                             | o                                    | —                                 | 5                                  |
| L'Orient ...             | 30.37   | +0.33                         | 49                           | 49           | -4  | 56                | 44   | WSW       | 5                    | 5                    | WSW    | 9                              | o                                    | 0.12                              | 3                                  |
| Rochefort ...            | 30.45   | +0.33                         | 51                           | 49           | +3  | 54                | 48   | —         | 3                    | 5                    | —      | 10                             | cf                                   | —                                 | 3                                  |
| Biarritz ...             | 30.46   | +0.33                         | 48                           | 43           | -9  | 60                | 45   | SE        | 3                    | 7                    | 8      | 3                              | cf                                   | —                                 | 4                                  |
| *Corunna ...             |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| *Brussels ...            | 30.16   | +0.16                         | 49                           | —            | -2  | —                 | —    | WSW       | 3                    | —                    | —      | —                              | o                                    | —                                 | —                                  |
| *Charleville ...         | 30.33   | +0.22                         | 41                           | —            | -2  | —                 | —    | W         | 3                    | —                    | —      | —                              | o                                    | —                                 | —                                  |
| Paris ...                | 30.34   | +0.25                         | 44                           | 42           | +1  | 50                | 40   | S         | 1                    | 1                    | W      | 10                             | ro                                   | 0.12                              | —                                  |
| *Lyons...                | 30.43   | +0.25                         | 52                           | —            | 0   | —                 | —    | SW        | 3                    | —                    | —      | —                              | mw                                   | —                                 | 3                                  |
| Toulon...                | 30.43   | +0.08                         | 47                           | 47           | +8  | 57                | 37   | SSW       | 4                    | 1                    | E      | 2                              | bc                                   | —                                 | —                                  |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |       |    |    |    |   |   |   |   |   |   |   |   |   |   |
|-----------------|-------|-------|----|----|----|---|---|---|---|---|---|---|---|---|---|
| Skudesnaes ...  | 29.56 | +0.06 | 41 | 39 | -2 | — | — | W | 4 | — | — | — | c | — | — |
| Thurso ...      |       |       |    |    |    | — | — |   |   |   |   |   |   |   |   |
| Scarborough ... |       |       |    |    |    | — | — |   |   |   |   |   |   |   |   |
| Greencastle ... |       |       |    |    |    | — | — |   |   |   |   |   |   |   |   |
| Holyhead ...    |       |       |    |    |    | — | — |   |   |   |   |   |   |   |   |
| Valencia ...    |       |       |    |    |    | — | — |   |   |   |   |   |   |   |   |
| Scilly ...      |       |       |    |    |    | — | — |   |   |   |   |   |   |   |   |
| London ...      |       |       |    |    |    | — | — |   |   |   |   |   |   |   |   |
| Rocheftort ...  | 30.17 | +0.05 | 53 | 49 | +5 | — | — | 3 | 5 | — | — | 6 | c | — | — |

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.** strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightening; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

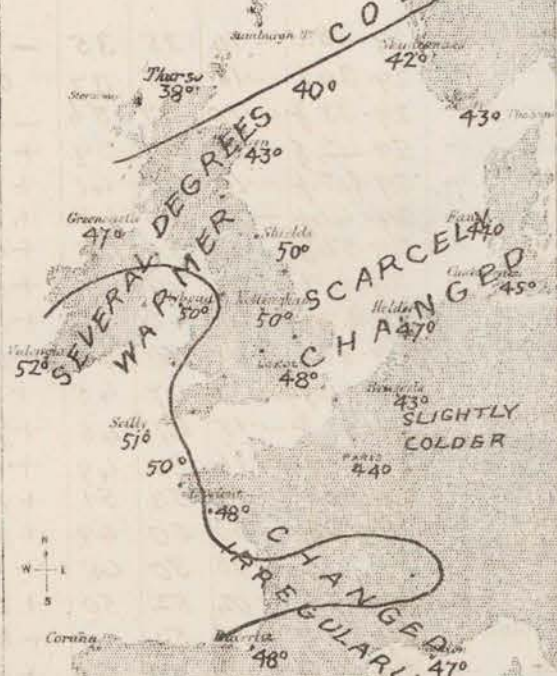
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 a.m.



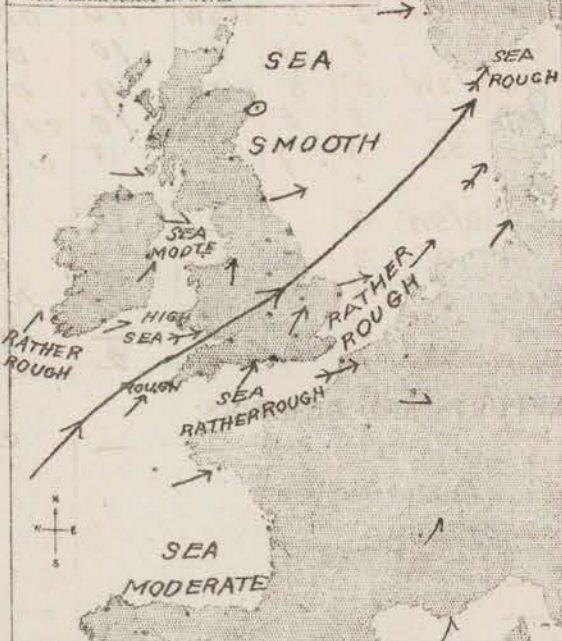
MONDAY 13<sup>TH</sup> JANUARY 1873 AT 8 A.M.



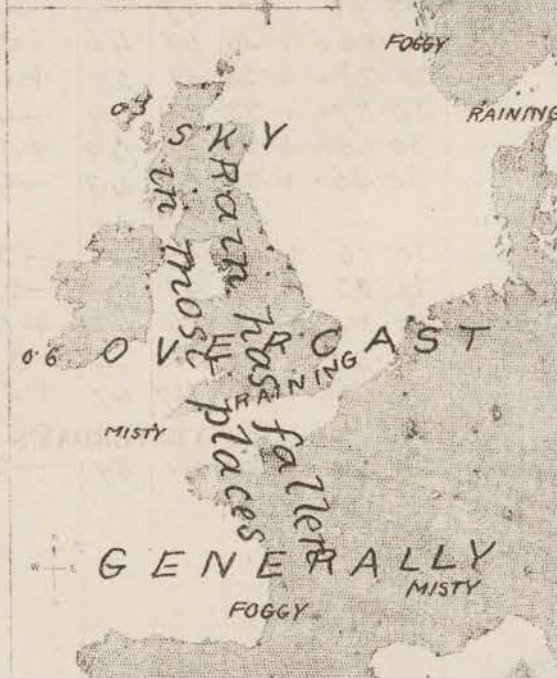
The general rise of the barometer, noticed yesterday has continued briskly in France but has been succeeded by a fall on our northern Coast which has extended to the south of England during the night. The reading at Rochefort is now 1.15 in higher than that at Hurao, giving a gradient between the two stations of 0.08 in per 50 miles the steepest portion of which lies over England.



degrees in England and Ireland. Temperature has risen several



Light winds from between W and S now prevail in our northern coasts and over France. Sea here strong squally SW breeze prevail, which reached the force of a moderate gale in many places during the night. The sea runs high at Pembroke, and is rough in the English and Irish Channels as well as on the north west coast of France.



Rain has fallen generally and continues at several stations. A lunar halo was seen in London last night. The sky is overcast, and the weather unsettled.

Subscription for three Chairs payable in advance  
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Delivery by hand 10/- per quarter  
by post 2/- per quarter

Meteorological Office  
116, Victoria Str<sup>t</sup>. Westminster, S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.



Tuesday 8 a.m.

# WEATHER REPORT. January 14<sup>th</sup> 1873

| STATIONS.                | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                  |      | WIND.     |                      |                      |      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9 |
|--------------------------|---|-------------------------------|------------------------------|--------------|---|------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                          | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours |      | At 8 A.M. |                      | Extreme.             |      |                                |                                      |                                   |                                    |
|                          |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.             | Min. | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dir. |                                |                                      |                                   |                                    |
| *Christiansund...        | 29.12   | +02                           | 35                           | 34           | -1  | —                | —    | ESE       | 6                    | 8                    | W    | —                              | r o                                  | —                                 | 3                                  |
| *Skudesnaes ...          | 29.55   | +32                           | 44                           | 41           | +2  | —                | —    | W         | 6                    | 4                    | W    | —                              | c                                    | —                                 | 4                                  |
| *Oxø (Christiansand)     | 29.53   | +18                           | 42                           | 40           | -1  | —                | —    | W         | 4                    | 4                    | —    | —                              | b                                    | —                                 | 4                                  |
| *Fano ...                | 29.88   | +08                           | 46                           | 45           | +2  | —                | —    | WSW       | 8                    | —                    | —    | —                              | c                                    | —                                 | —                                  |
| Cuxhaven ...             | 29.97   | +05                           | 49                           | 49           | +4  | —                | 41   | W         | 8                    | 6                    | WSW  | 9                              | m r                                  | 0.14                              | —                                  |
| Sumburgh Head            |   |                               |                              |              |   |                  |      |           |                      |                      |      |                                |                                      |                                   |                                    |
| Stornoway (Hebrides)     | 29.38   | 00                            | 45                           | 45           | +10   | 46               | 34   | W         | 7                    | 7                    | SW   | 10                             | pt d                                 | 0.27                              | 5                                  |
| Thurso ...               | 29.41   | +11                           | 43                           | 41           | +5  | 46               | 37   | SW        | 3                    | 5                    | WSW  | 8                              | lt o                                 | 0.22                              | 3                                  |
| Wick ...                 | 29.41   | +08                           | 44                           | 42           | +7  | 45               | 35   | S         | 2                    | 5                    | WNW  | 9                              | cl g                                 | 0.07                              | 1                                  |
| Nairn ...                | 29.47   | +05                           | 44                           | 42           | +3  | 49               | 41   | W         | 2                    | 4                    | W    | 7                              | o c                                  | 0.10                              | 1                                  |
| Aberdeen ...             | 29.55   | +13                           | 45                           | 43           | +2  | 52               | 42   | SSW       | 3                    | 4                    | WSW  | 7                              | o                                    | —                                 | 1                                  |
| Leith ...                | 29.65   | +19                           | 52                           | 50           | +2  | 55               | 46   | W         | 6                    | 6                    | W    | 9                              | r                                    | 0.23                              | —                                  |
| Shields ...              | 29.78   | +24                           | 51                           | 49           | +1  | 53               | 48   | WSW       | 3                    | 7                    | W    | 3                              | cb                                   | —                                 | 2                                  |
| York ...                 | 29.91   | +24                           | 53                           | 50           | +4  | 55               | 48   | SW        | 4                    | 7                    | WSW  | 10                             | g g                                  | —                                 | —                                  |
| Scarborough ...          | 29.89   | +27                           | 52                           | 50           | +4  | 54               | 46   | WSW       | 3                    | 5                    | W    | 10                             | o g                                  | —                                 | 2                                  |
| Nottingham ...           | 30.05   | +22                           | 53                           | 50           | +3  | 55               | 50   | SW        | 5                    | 8                    | SW   | 10                             | r m                                  | 0.01                              | —                                  |
| Ardrossan ...            | 29.68   | +14                           | 50                           | 49           | +3  | 53               | 47   | SW        | 6                    | 6                    | SW   | 8                              | r                                    | 0.83                              | 5                                  |
| Greencastle ...          | 29.66   | +15                           | 49                           | 49           | +2  | 51               | 45   | SW        | 6                    | 6                    | SW   | 10                             | r                                    | 0.54                              | —                                  |
| Donaghadee ...           | 29.73   | +13                           | 52                           | 51           | +2  | 53               | 45   | SW        | 7                    | 7                    | SW   | 10                             | c o                                  | 0.03                              | 6                                  |
| Kingstown ...            | 29.89   | +17                           | 54                           | 50           | +1  | 56               | 52   | S         | 4                    | 7                    | WSW  | 9                              | g o                                  | —                                 | 31                                 |
| Holyhead ...             | 29.92   | +15                           | 49                           | 48           | -1  | 57               | 49   | SW        | 7                    | 7                    | SW   | 10                             | m o                                  | —                                 | 5                                  |
| Liverpool (Bidston Obs.) | 29.99   | +22                           | 52                           | 49           | +2  | 55               | 50   | SSW       | 6                    | 7                    | SW   | 10                             | o                                    | —                                 | 4                                  |
| Valencia ...             | 29.93   | +06                           | 51                           | 51           | -1  | 53               | 49   | SW        | 5                    | 6                    | SW   | 9                              | f m d                                | 0.08                              | 6                                  |
| Roche's Point ...        | 30.00   | +13                           | 49                           | 48           | -2  | 52               | 48   | SW        | 5                    | 6                    | WSW  | 9                              | f d                                  | 0.12                              | 4                                  |
| Pembroke ...             | 30.08   | +17                           | 48                           | 48           | -2  | 51               | 48   | W         | 6                    | 8                    | WSW  | 10                             | o m                                  | 0.02                              | 5                                  |
| Portishead ...           | 30.16   | +20                           | 51                           | 49           | +3  | 52               | 46   | WSW       | 3                    | 5                    | WSW  | 10                             | p o                                  | 0.12                              | 4                                  |
| Seilly ...               | 30.19   | +07                           | 50                           | 49           | -1  | 53               | 49   | SSW       | 5                    | 6                    | WSW  | 9                              | d o                                  | 0.01                              | 5                                  |
| Plymouth ...             | 30.22   | +13                           | 50                           | 50           | +1  | 52               | 48   | SW        | 3                    | 4                    | SW   | 10                             | d f                                  | 0.01                              | —                                  |
| Portsmouth ...           | 30.25   | +16                           | 50                           | 49           | +1  | 51               | 47   | SW        | 6                    | 8                    | SW   | 9                              | d g o                                | 0.04                              | 4                                  |
| Dover ...                | 30.23   | +16                           | 49                           | 48           | +1  | 50               | 48   | SW        | 4                    | 7                    | WSW  | 9                              | d m                                  | 0.25                              | 4                                  |
| London ...               | 30.18   | +17                           | 50                           | 49           | +2  | 53               | 48   | WSW       | 3                    | 7                    | WSW  | 10                             | g o c                                | 0.01                              | —                                  |
| Oxford ...               | 30.16   | +20                           | 51                           | 48           | +3  | 53               | 41   | SSW       | 3                    | 6                    | SW   | 10                             | o                                    | —                                 | —                                  |
| Cambridge ...            | 30.13   | +20                           | 51                           | 48           | +3  | 53               | 48   | SW        | 4                    | 4                    | SW   | 10                             | o                                    | —                                 | —                                  |
| Yarmouth ...             | 30.04   | +20                           | 51                           | 49           | +4  | 53               | 46   | WSW       | 6                    | 7                    | W    | 5                              | c                                    | —                                 | 4                                  |
| *Helder ...              | 30.06   | +19                           | 49                           | —            | +2  | —                | —    | SW        | 7                    | —                    | —    | —                              | —                                    | —                                 | 4                                  |
| Cape Gris Nez...         | 30.24   | +15                           | 48                           | 48           | 0   | 50               | 47   | W         | 7                    | 8                    | WSW  | 10                             | m f                                  | 0.04                              | 3                                  |
| Brest ...                | —   | —                             | 47                           | —            | -4  | 54               | 45   | SW        | 5                    | 5                    | WSW  | 10                             | o                                    | —                                 | —                                  |
| L'Orient ...             | 30.37   | 00                            | 50                           | 48           | +1  | 56               | 46   | W         | 1                    | 5                    | W    | 8                              | o                                    | —                                 | 3                                  |
| Roche fort ...           | 30.42   | -03                           | 41                           | 39           | -10   | 52               | 39   | SE        | 3                    | 4                    | S    | 10                             | f                                    | —                                 | 3                                  |
| Biarritz ...             | 30.34   | -12                           | 41                           | 37           | -7  | 53               | 37   | SE        | 5                    | 3                    | SE   | 0                              | f                                    | —                                 | 3                                  |
| *Corunna ...             | —   | —                             | —                            | —            | —   | —                | —    | —         | —                    | —                    | —    | —                              | —                                    | —                                 | —                                  |
| *Brussels ...            | 30.28   | +12                           | 50                           | —            | +1  | —                | —    | SSW       | 6                    | —                    | —    | —                              | o                                    | —                                 | —                                  |
| *Charleville ...         | 30.38   | +05                           | 44                           | —            | +3  | —                | —    | SW        | 1                    | —                    | —    | —                              | o                                    | —                                 | —                                  |
| Paris ...                | 30.41   | +07                           | 41                           | 41           | -3  | 49               | 40   | SSW       | 1                    | 7                    | SW   | 1                              | o b                                  | —                                 | —                                  |
| *Lyons...                | 30.43   | 00                            | 44                           | —            | -8  | —                | —    | NE        | 1                    | —                    | —    | —                              | f                                    | —                                 | —                                  |
| Toulon ...               | 30.43   | 00                            | 46                           | 42           | -1  | 57               | 46   | SSW       | 1                    | 5                    | W    | 0                              | c b                                  | —                                 | 4                                  |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |     |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|-----|---|---|
| Skudesnaes ...  | 29.43 | +20 | 40 | 40 | -2 | — | — | W   | 6 | — | —   | —  | c   | — | 4 |
| Thurso ...      | 29.38 | +08 | 41 | 39 | +3 | — | — | SSW | 2 | 2 | WSW | 9  | g   | — | 2 |
| Scarborough ... | 29.76 | +14 | 52 | 51 | +4 | — | — | W   | 3 | 5 | W   | 10 | g o | — | 2 |
| Greencastle ... | 29.61 | +10 | 49 | 49 | +2 | — | — | SW  | 3 | 3 | SW  | 10 | r   | — | — |
| Holyhead ...    | 29.83 | +06 | 51 | 50 | +1 | — | — | SW  | 5 | 5 | SW  | 7  | m   | — | 3 |
| Valencia ...    | 29.93 | +06 | 53 | 53 | +1 | — | — | SW  | 5 | 6 | SW  | 9  | m   | — | 5 |
| Seilly ...      | 30.15 | +03 | 52 | 50 | +1 | — | — | SW  | 6 | 6 | SW  | 10 | d   | — | 5 |
| London ...      | 30.06 | +05 | 53 | 51 | +5 | — | — | W   | 4 | 6 | SW  | 10 | g o | — | 3 |
| Roche fort ...  | 30.48 | +03 | 49 | 47 | -2 | — | — | S   | 3 | — | —   | 10 | f   | — | — |

The barometer has risen a little everywhere, most in the NW. Moderate SW and W winds prevail, in the cloudy weather - rain at Greencastle, and Seilly.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

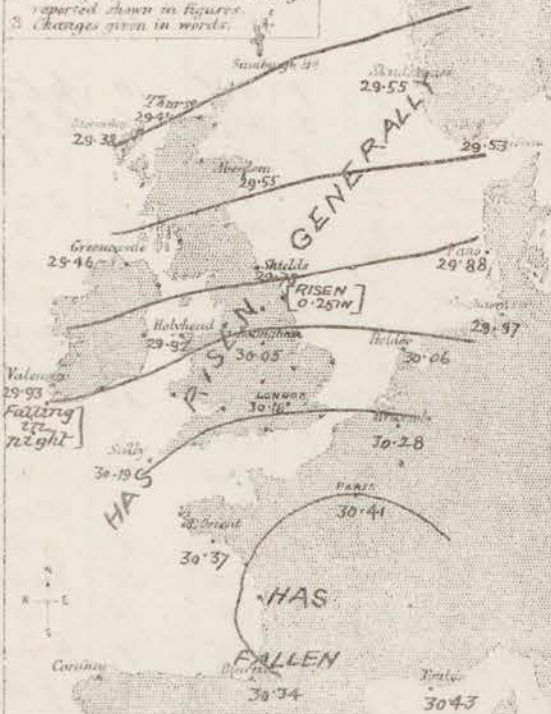
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 a.m.



# WEATHER CHARTS AND REMARKS FOR TUES-DAY 14<sup>TH</sup> JANUARY 1873 AT 8 A.M.

## BAROMETER 29.12 29.2

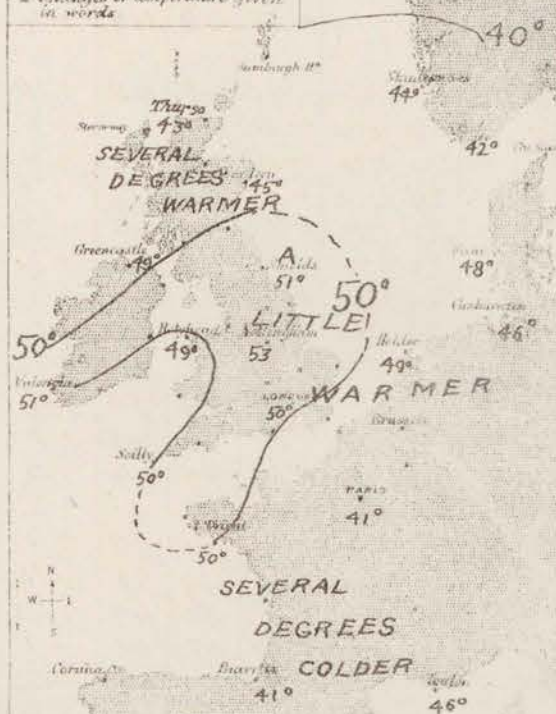
- 1 Isobars lines drawn as necessary.
- 2 The highest and lowest readings reported shown in figures.
- 3 Changes given in words.



During the past 24 hours the barometer has risen somewhat except in the SW of France, where it has fallen slightly, and during the night it has begun to fall at Valencia also. The highest readings are still at the French stations, and from Portsmouth to Shurus there is a gradient of 0.08 in per 50 miles.

## TEMPERATURE.

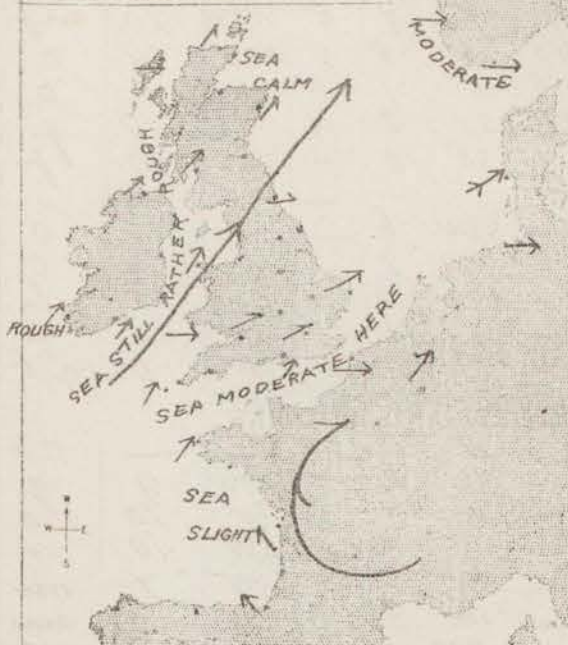
- 1 Isotherms shown by fine lines.
- 2 Changes of temperature given in words.



Temperature has risen a few degrees in Great Britain, most in Scotland, while it has fallen rather fast in the SW of France.

## WIND & SEA.

- 1 Arrow fly with the wind.  
Force 0 to 1 - - - - - Force 8 to 10 - - - - -  
2 Dark curved arrow shows apparent general motion of air.  
3 Sea disturbance in words.



SW winds are general. At our W<sup>n</sup> stations they are strong, and blow a gale on the coasts of Holland and Denmark. Elsewhere they are moderate. The sea continues rather rough at several of the W<sup>n</sup> stations.

## CLOUD, RAIN &c.

- 1 Presence of cloud, fog, rain &c. given in words.
- 2 Heavy falls of rain given in inches and tenths.



Rain has fallen at our E<sup>n</sup> stations. Thunderstorms have occurred in the N of Scotland.

Subscriptions for these Charts payable in advance to cover delivery.  
Delivery by hand 10/- per quarter.  
" " by post 5/- per quarter.

Meteorological Office  
116, Victoria Str<sup>t</sup>, Westminster S.W.  
ROBERT H. SCOTT, Director.

Printed by Braks Day & Son 148, London W.C.



Wednesday 8 a.m.

## WEATHER REPORT.

Jan<sup>y</sup> 15 187

| STATIONS.                   | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9. |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|
|                             | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extremes.            |        |                                |                                      |                                   |                                     |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12). | Force.<br>(0 to 12). | Dirac. |                                |                                      |                                   |                                     |
| *Christiansund...           | 29.26   | +14                           | 41                           | 39           | +6  | —                 | —    | WSW       | 4                    | 6                    | SSE    | —                              | o                                    | —                                 | 7                                   |
| *Skudesnaes ...             | —   | —                             | 43                           | 41           | -1  | —                 | —    | SSW       | 6                    | 6                    | W      | —                              | ro                                   | —                                 | 7                                   |
| *Oxö (X'dansand)            | 29.71   | +18                           | 44                           | 43           | +2  | —                 | —    | SW        | —                    | 6                    | SW     | —                              | ro                                   | —                                 | 4                                   |
| *Fanö ...                   | 29.96   | +08                           | 44                           | 44           | -2  | —                 | —    | WSW       | 6                    | —                    | —      | —                              | or                                   | —                                 | —                                   |
| Cuxhaven ...                | 30.062  | +09                           | 44                           | 44           | -5  | 49                | —    | WSW       | 6                    | 7                    | WNW    | 9                              | mo                                   | 0.07                              | —                                   |
| Sumburgh Head               |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                     |
| Stornoway (He-<br>brides.)  | 29.582  | +20                           | 38                           | 37           | -7  | 52                | 37   | W         | 4                    | 10                   | WSW    | 2                              | gb                                   | 0.15                              | 4                                   |
| Thurso ...                  | 29.502  | +09                           | 40                           | 37           | -3  | 54                | 39   | WSW       | 4                    | 7                    | SW     | 5                              | oc                                   | 0.07                              | 3                                   |
| Wick ...                    | —   | —                             | 39                           | 36           | -5  | 53                | 38   | W         | 3                    | 5                    | W      | 2                              | cb                                   | —                                 | 1                                   |
| Nairn ...                   | 29.612  | +14                           | 42                           | 40           | -2  | 54                | 42   | W         | 2                    | 6                    | W      | 6                              | c                                    | 0.02                              | 1                                   |
| Aberdeen ...                | 29.652  | +10                           | 45                           | 40           | 0   | 55                | 44   | WSW       | 1                    | 7                    | SSW    | 9                              | gcm                                  | —                                 | 1                                   |
| Leith ...                   | 29.772  | +12                           | 44                           | 44           | -8  | 56                | 43   | W         | 3                    | 7                    | SW     | 10                             | o                                    | 0.15                              | —                                   |
| Shields ...                 | 29.802  | +02                           | 48                           | 46           | -3  | 51                | 47   | SW        | 4                    | 16                   | SW     | 4                              | bc                                   | —                                 | 2                                   |
| York ...                    | 29.882  | -03                           | 44                           | 42           | -9  | 54                | 44   | SSE       | 1                    | 7                    | SW     | 5                              | c                                    | —                                 | —                                   |
| Scarborough ...             | 29.882  | -01                           | 43                           | 42           | -9  | 54                | 42   | WSW       | 3                    | 3                    | WSW    | 2                              | ob                                   | —                                 | 2                                   |
| Nottingham ...              | 29.982  | -07                           | 43                           | 42           | -10   | 56                | 42   | SSW       | 4                    | 7                    | SW     | 3                              | wtm                                  | —                                 | —                                   |
| Ardrossan ...               | 29.772  | +09                           | 47                           | 44           | +3  | 52                | 46   | WSW       | 2                    | 6                    | SW     | 8                              | o                                    | 0.43                              | 3                                   |
| Greencastle ...             | 29.792  | +13                           | 43                           | 42           | -6  | 50                | 42   | S         | 4                    | —                    | WSW    | —                              | pg                                   | 0.15                              | —                                   |
| Donaghadee ...              | 29.862  | +07                           | 44                           | 44           | -8  | 52                | 44   | SW        | 3                    | 7                    | SW     | 10                             | od                                   | 0.17                              | 2                                   |
| Kingstown ...               | 29.862  | -03                           | 49                           | 48           | -5  | 56                | 48   | WSW       | 2                    | 7                    | WSW    | 10                             | gd                                   | 0.04                              | 3                                   |
| Holyhead ...                | 29.862  | -06                           | 49                           | 48           | 0   | 52                | 47   | SSW       | 5                    | 7                    | SSW    | 10                             | od                                   | 0.06                              | 3                                   |
| Liverpool (Bidston<br>Obs.) | 29.942  | -05                           | 47                           | 45           | -5  | 53                | 45   | SW        | 3                    | 8                    | SW     | 3                              | ob                                   | —                                 | 3                                   |
| Valencia ...                | 29.892  | -04                           | 45                           | 45           | -6  | 52                | 44   | N         | 2                    | 6                    | SW     | 9                              | rm                                   | 0.27                              | 4                                   |
| Roche's Point ...           | 29.862  | -14                           | 50                           | 49           | +1  | 57                | 47   | SW        | 5                    | 6                    | SW     | 9                              | fd                                   | 0.10                              | 4                                   |
| Pembroke ...                | 29.972  | -11                           | 48                           | 47           | 0   | 49                | 45   | W         | 4                    | 6                    | W      | 10                             | fo                                   | 0.04                              | 4                                   |
| Portishead ...              | 30.052  | -11                           | 45                           | 44           | -6  | 56                | 43   | WSW       | 3                    | 3                    | WSW    | 10                             | co                                   | —                                 | 3                                   |
| Seilly ...                  | 30.042  | -15                           | 48                           | 47           | -2  | 50                | 46   | SSW       | 5                    | 6                    | SSW    | 7                              | oc                                   | 0.01                              | 5                                   |
| Plymouth ...                | 30.072  | -15                           | 48                           | 47           | -2  | 51                | 46   | SSW       | 1                    | 3                    | SW     | 10                             | of                                   | —                                 | —                                   |
| Portsmouth ...              | 30.082  | -17                           | 47                           | 47           | -3  | 57                | 45   | SSW       | 2                    | 6                    | SW     | 9                              | o                                    | —                                 | 2                                   |
| Dover ...                   | 30.092  | -14                           | 47                           | 45           | -2  | 50                | 45   | SW        | 4                    | 5                    | WSW    | 16                             | bc                                   | 0.02                              | 3                                   |
| London ...                  | 30.052  | -13                           | 45                           | 44           | -5  | 54                | 40   | SW        | 2                    | 5                    | WSW    | 9                              | do                                   | —                                 | —                                   |
| Oxford ...                  | 30.052  | -11                           | 45                           | 43           | -6  | 53                | 43   | SW        | 2                    | 6                    | SSW    | 10                             | o                                    | —                                 | —                                   |
| Cambridge ...               | 30.052  | -08                           | 43                           | 42           | -8  | 54                | 42   | SW        | 1                    | 4                    | SW     | 10                             | o                                    | —                                 | —                                   |
| Yarmouth ...                | 30.002  | -04                           | 45                           | 44           | -6  | 53                | 44   | SW        | 5                    | 7                    | WSW    | 5                              | c                                    | —                                 | 4                                   |
| *Helder ...                 | 30.08   | +02                           | 48                           | —            | -1  | —                 | —    | SW        | 6                    | —                    | —      | —                              | —                                    | —                                 | 4                                   |
| Cape Gris Nez...            | 30.092  | -15                           | 44                           | 42           | -4  | 50                | 43   | SW        | 3                    | 7                    | WSW    | 9                              | mo                                   | —                                 | 2                                   |
| Brest ...                   | 30.122  | —                             | 57                           | 49           | +2  | 51                | 44   | WSW       | 3                    | 5                    | SW     | 10                             | o                                    | —                                 | 4                                   |
| L'Orient ...                | 30.152  | -22                           | 45                           | 45           | -5  | 55                | 42   | 2         | 0                    | 4                    | SE     | 8                              | z                                    | —                                 | 3                                   |
| Rochefort ...               | 30.212  | -21                           | 46                           | 44           | +5  | 55                | 41   | S         | 4                    | 4                    | SE     | 10                             | co                                   | —                                 | 3                                   |
| Biarritz ...                | 30.242  | -10                           | 55                           | 46           | +14   | 57                | 41   | WSW       | 3                    | 5                    | SE     | 9                              | co                                   | —                                 | 4                                   |
| *Corunna ...                | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| *Brussels ...               | 30.08   | -20                           | 46                           | —            | -4  | —                 | —    | SW        | 1                    | —                    | —      | —                              | c                                    | —                                 | —                                   |
| *Charleville ...            | 30.26   | -12                           | 39                           | —            | -5  | —                 | —    | SE        | 1                    | —                    | —      | —                              | o                                    | —                                 | —                                   |
| Paris ...                   | 30.182  | -23                           | 38                           | 38           | -3  | 52                | 32   | SSE       | 1                    | 5                    | SW     | 8                              | o                                    | —                                 | —                                   |
| *Lyons...                   | —   | —                             | 45                           | —            | +1  | —                 | —    | 3         | 1                    | —                    | —      | —                              | o                                    | —                                 | —                                   |
| Toulon ...                  | 30.422  | -01                           | 46                           | 46           | 0   | 49                | 43   | SSW       | 1                    | 1                    | S      | 6                              | bf                                   | —                                 | 3                                   |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |     |   |   |     |   |    |     |    |    |   |   |
|-----------------|-------|-----|----|----|-----|---|---|-----|---|----|-----|----|----|---|---|
| Skudesnaes ...  | 29.54 | -01 | 43 | 43 | -1  | — | — | SE  | 6 | —  | —   | —  | ro | — | 4 |
| Thurso ...      | 29.24 | -17 | 53 | 48 | +10 | — | — | SW  | 6 | 7  | SW  | 7  | 9  | — | 4 |
| Scarborough ... | 29.92 | +03 | 53 | 51 | +1  | — | — | WSW | 3 | 3  | WSW | 10 | 9  | — | 2 |
| Greencastle ... | 29.69 | +03 | 50 | 49 | +1  | — | — | WSW | 7 | 7  | WSW | 10 | o  | — | — |
| Holyhead ...    | 29.95 | +03 | 50 | 49 | +1  | — | — | SSW | 7 | 7  | SW  | 10 | o  | — | 5 |
| Valencia ...    | 29.93 | 00  | 52 | 50 | +1  | — | — | SW  | 5 | 16 | SW  | 8  | 9  | — | 5 |
| Seilly ...      | 30.17 | -02 | 49 | 48 | -1  | — | — | SSW | 5 | 5  | SSW | 9  | fo | — | 5 |
| London ...      | 30.18 | 00  | 52 | 50 | +2  | — | — | SW  | 4 | 4  | WSW | 10 | o  | — | — |
| Rochefort ...   | 30.36 | -06 | 55 | 57 | +14 | — | — | SE  | 3 | —  | —   | 4  | c  | — | 3 |

The barometer has fallen briskly in the N of Scotland and to a less extent in the SW of France and at Seilly. The SW wind has now become strong & squall at Thurso, while heavy WSW gale has set in at Stornoway. Very little change is reported from the other stations.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.** is strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hazy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

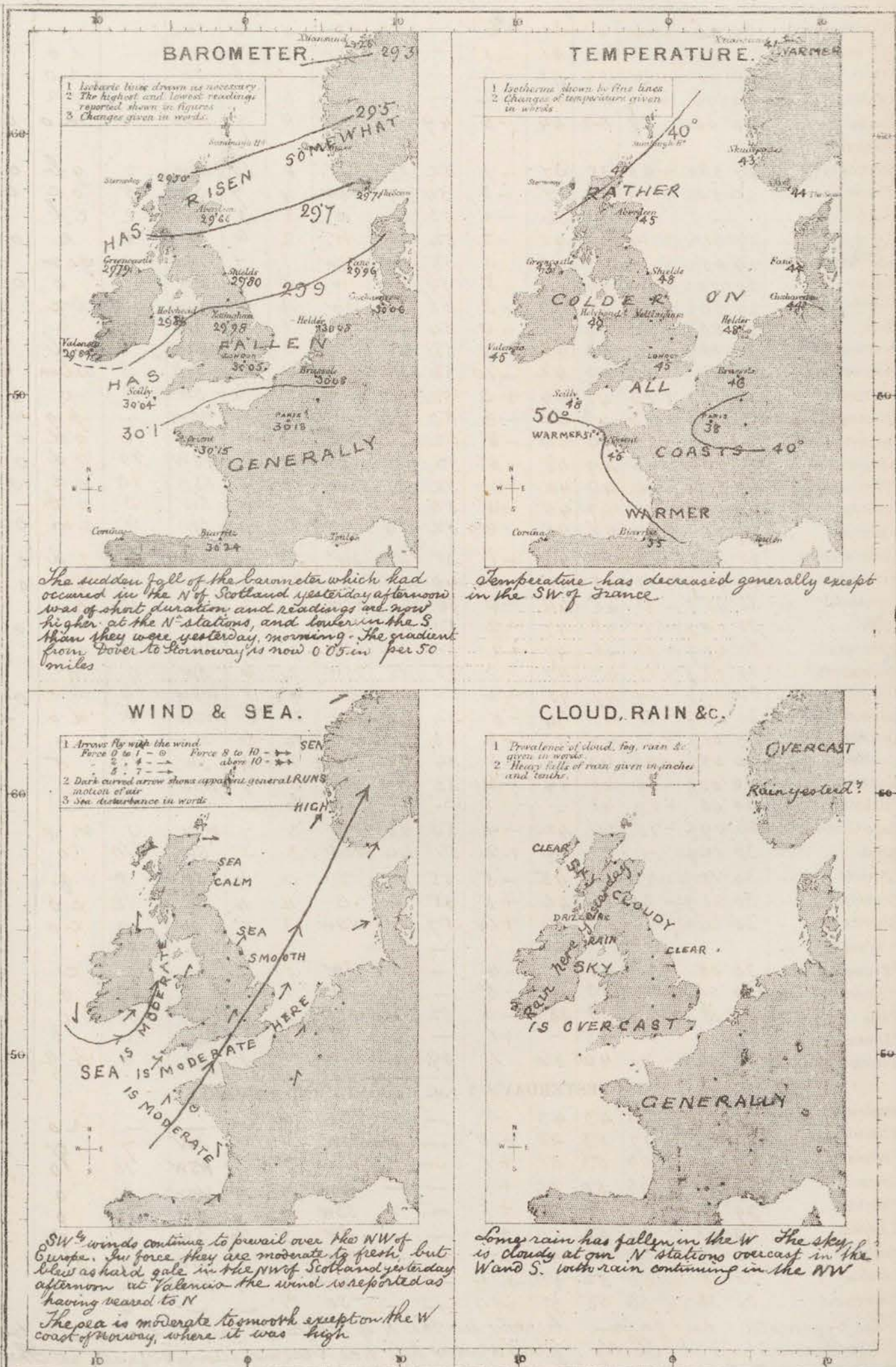
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 15<sup>TH</sup> JANUARY 1873 AT 8 A.M.





Thurs-day 8 a.m.

# WEATHER REPORT. Jan 16<sup>th</sup> 1873

| STATIONS.                | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 hours. | Sea<br>Dis-<br>tance<br>0 to 9 |
|--------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|--------------------------------|
|                          | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                                |
|                          |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                                |
| *Christiansund...        | 29.40   | +14                           | 39                           | 36           | -2  | —                 | —    | WSW       | 10                   | 8                    | SW     | —                              | 0c                                   | —                                 | 1                              |
| *Skudesnaes ...          | 29.84   | —                             | 40                           | 39           | +3  | —                 | —    | W         | 4                    | 4                    | SW     | —                              | 0b                                   | —                                 | 3                              |
| *Oxö (Christiansund)     | 29.80   | +09                           | 40                           | 37           | -4  | —                 | —    | W         | 4                    | 6                    | WSW    | —                              | 0b                                   | —                                 | 3                              |
| *Fano ...                | 30.03   | +07                           | 42                           | 42           | -2  | —                 | —    | W         | 4                    | —                    | —      | —                              | 0                                    | —                                 | —                              |
| Cuxhaven ...             | 30.06   | .00                           | 46                           | 46           | +2  | —                 | 41   | WSW       | 4                    | 5                    | WSW    | 7                              | 0                                    | —                                 | —                              |
| Sumburgh Head            |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                |
| Stornoway (Hebrides.)    | 29.92   | +34                           | 31                           | 31           | -7  | 42                | 29   | WNW       | 1                    | 4                    | W      | 0                              | 0                                    | 0.11                              | 1                              |
| Thurso ...               | 29.89   | +39                           | 34                           | 32           | -6  | 42                | 33   | SSW       | 1                    | 4                    | SW     | 0                              | 0b                                   | 0.10                              | 2                              |
| Wick ...                 | 29.95   | —                             | 34                           | 32           | -5  | 43                | 32   | NW        | 1                    | 3                    | W      | 1                              | 0                                    | —                                 | 0                              |
| Nairn ...                | 29.98   | +37                           | 30                           | 29           | -12   | 43                | 30   | W         | 1                    | 2                    | W      | 4                              | 0                                    | —                                 | 1                              |
| Aberdeen ...             | 29.98   | +33                           | 34                           | 32           | -11   | 46                | 33   | NW        | 1                    | 1                    | WSW    | 8                              | 0                                    | —                                 | 1                              |
| Leith ...                | 29.97   | +20                           | 39                           | 39           | -5  | 48                | 38   | SE        | 2                    | 3                    | W      | 10                             | 0                                    | 0.03                              | —                              |
| Shields ...              | 29.98   | +18                           | 42                           | 41           | -6  | 50                | 42   | ESE       | 3                    | —                    | SW     | 9                              | 0                                    | 0.17                              | 1                              |
| York ...                 | 29.97   | +09                           | 41                           | 41           | -3  | 51                | 41   | SW        | 1                    | 2                    | SSE    | 10                             | 0                                    | 0.67                              | —                              |
| Scarborough ...          | 29.98   | +10                           | 43                           | 42           | 0   | 50                | 40   | E         | 1                    | 4                    | WSW    | 10                             | 0                                    | 0.12                              | 2                              |
| Nottingham ...           | 30.02   | +04                           | 47                           | 45           | +4  | 49                | 41   | SSW       | 3                    | 4                    | SSW    | 9                              | 0                                    | —                                 | —                              |
| Ardrossan ...            | 29.94   | +14                           | 40                           | 39           | -7  | 48                | 40   | E         | 1                    | 3                    | WSW    | 9                              | 0                                    | 0.03                              | 1                              |
| Greencastle ...          | 29.90   | +11                           | 40                           | 39           | -3  | 45                | 39   | E         | 2                    | 4                    | WSW    | 10                             | 0                                    | 0.06                              | —                              |
| Donaghadee ...           | 29.86   | +06                           | 40                           | 40           | -4  | 45                | 40   | E         | 6                    | 6                    | E      | 10                             | 0                                    | 0.26                              | 5                              |
| Kingstown ...            | 29.82   | -04                           | 44                           | 44           | -5  | 51                | 41   | Z         | 0                    | 5                    | WNW    | 10                             | 0                                    | 0.90                              | 4                              |
| Holyhead ...             | 29.83   | -03                           | 49                           | 48           | 0   | 52                | 43   | SSW       | 2                    | 4                    | WNW    | 10                             | 0                                    | 0.42                              | 1                              |
| Liverpool (Bidston Obs.) | 29.94   | -00                           | 48                           | 46           | +1  | 53                | 42   | SE        | 2                    | 4                    | SW     | 10                             | 0                                    | 0.16                              | 2                              |
| Valencia ...             | 29.83   | -08                           | 42                           | 41           | -3  | 49                | 37   | N         | 6                    | 6                    | N      | 7                              | 0                                    | 0.42                              | 5                              |
| Roche's Point ...        | 29.75   | -11                           | 40                           | 40           | -10   | 50                | 40   | NNW       | 4                    | 6                    | W      | 9                              | 0                                    | 1.01                              | 4                              |
| Pembroke ...             | 29.87   | -10                           | 49                           | 48           | +1  | 49                | 47   | S         | 5                    | 6                    | SSW    | 9                              | 0                                    | —                                 | 4                              |
| Portishead ...           | 29.98   | -07                           | 50                           | 49           | +5  | 51                | 43   | SW        | 5                    | 5                    | SW     | 10                             | 0                                    | —                                 | 4                              |
| Scilly ...               | 29.88   | -16                           | 50                           | 50           | +2  | 50                | 47   | SSW       | 5                    | 5                    | SSW    | 9                              | 0                                    | 0.01                              | 5                              |
| Plymouth ...             | 29.98   | -09                           | 51                           | 51           | +3  | 52                | 47   | S         | 3                    | 3                    | SW     | 10                             | 0                                    | —                                 | —                              |
| Portsmouth ...           | 30.08   | .00                           | 49                           | 49           | +2  | 50                | 45   | SSW       | 1                    | 3                    | SSW    | 9                              | 0                                    | 0.01                              | 1                              |
| Dover ...                | 30.13   | +04                           | 48                           | 47           | +1  | 50                | 46   | SW        | 3                    | 2                    | WSW    | 6                              | 0                                    | —                                 | 2                              |
| London ...               | 30.08   | +03                           | 48                           | 47           | +3  | 50                | 42   | S         | 2                    | 2                    | WSW    | 7                              | 0                                    | —                                 | —                              |
| Oxford ...               | 30.04   | -01                           | 49                           | 47           | +4  | 49                | 45   | S         | 1                    | 2                    | SSW    | 10                             | 0                                    | —                                 | —                              |
| Cambridge ...            | 30.07   | +02                           | 47                           | 45           | +4  | 47                | 40   | SW        | 1                    | 2                    | SW     | 10                             | 0                                    | —                                 | —                              |
| Yarmouth ...             | 30.03   | +03                           | 46                           | 45           | +1  | 49                | 43   | SW        | 4                    | 6                    | WSW    | 7                              | 0                                    | —                                 | 3                              |
| *Helder ...              | 30.08   | .00                           | 47                           | —            | -1  | —                 | —    | SW        | 6                    | —                    | —      | —                              | —                                    | —                                 | 2                              |
| Cape Gris Nez...         | 30.13   | +04                           | 47                           | 45           | +3  | 50                | 42   | SW        | 4                    | 4                    | WSW    | 8                              | 0                                    | —                                 | 3                              |
| Brest ...                | 30.03   | -09                           | 51                           | 51           | 0   | 54                | 47   | SW        | 4                    | 4                    | SW     | —                              | 0                                    | —                                 | 4                              |
| L'Orient ...             | 30.11   | -4                            | 51                           | 51           | +6  | 53                | 43   | SW        | 4                    | 4                    | SW     | 8                              | 0                                    | —                                 | 5                              |
| Rochefort ...            | 30.22   | +01                           | 46                           | 44           | 0   | 54                | 45   | SE        | 4                    | 4                    | SW     | 4                              | 0                                    | —                                 | 3                              |
| Biarritz ...             | 30.22   | -02                           | 54                           | 49           | -1  | 60                | 50   | SW        | 3                    | 3                    | SW     | 9                              | 0                                    | —                                 | 5                              |
| *Corunna ...             |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   | —                              |
| *Brussels ...            | 30.18   | -10                           | 49                           | —            | +3  | —                 | —    | SSW       | 3                    | —                    | —      | —                              | 0                                    | —                                 | —                              |
| *Charleville ...         | 30.26   | .00                           | 43                           | —            | +4  | —                 | —    | SE        | 1                    | —                    | —      | —                              | 0                                    | —                                 | —                              |
| Paris ...                | 30.24   | +06                           | 43                           | 43           | +5  | 46                | 38   | SSW       | 1                    | 3                    | WSW    | 10                             | 0                                    | —                                 | —                              |
| *Lyons...                |   |                               | 48                           | —            | +3  | —                 | —    | SE        | 1                    | —                    | —      | —                              | 0                                    | —                                 | 3                              |
| Toulon ...               | 30.36   | -08                           | 46                           | 46           | 0   | 48                | 42   | NE        | 1                    | 1                    | SSW    | 9                              | 0                                    | —                                 | —                              |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |   |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|---|---|---|
| Skudesnaes ...  | 29.64 | —   | 42 | 42 | +3 | — | — | WSW | 6 | — | —   | —  | 0 | — | 4 |
| Thurso ...      | 29.57 | +07 | 42 | 39 | +2 | — | — | WSW | 3 | 4 | WSW | 5  | 0 | — | 3 |
| Scarborough ... | 29.84 | -04 | 48 | 46 | +5 | — | — | WSW | 4 | 3 | WSW | 6  | 0 | — | 3 |
| Greencastle ... | 29.85 | +06 | 45 | 44 | +2 | — | — | WSW | 3 | 4 | WSW | 10 | 0 | — | 2 |
| Holyhead ...    | 29.89 | +03 | 47 | 46 | -2 | — | — | WNW | 2 | 4 | SSW | 10 | 0 | — | 4 |
| Valencia ...    | 29.38 | -01 | 46 | 46 | +1 | — | — | N   | 2 | 2 | N   | 9  | 0 | — | 4 |
| Scilly ...      | 30.03 | -01 | 50 | 49 | +2 | — | — | SSW | 5 | 5 | SSW | 7  | 0 | — | — |
| London ...      | 30.05 | .00 | 50 | 48 | +5 | — | — | WSW | 2 | 2 | SW  | 10 | 0 | — | 3 |
| Rochefort ...   | 30.24 | +03 | 53 | 49 | +7 | — | — | S   | 4 | — | —   | 10 | 0 | — | — |

The barometer has continued to rise slowly on our N and NW coasts, but has fallen slightly at Scarborough. Elsewhere very little change is reported. The wind has now veered WNW at Holyhead, but is light everywhere, with little sea.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

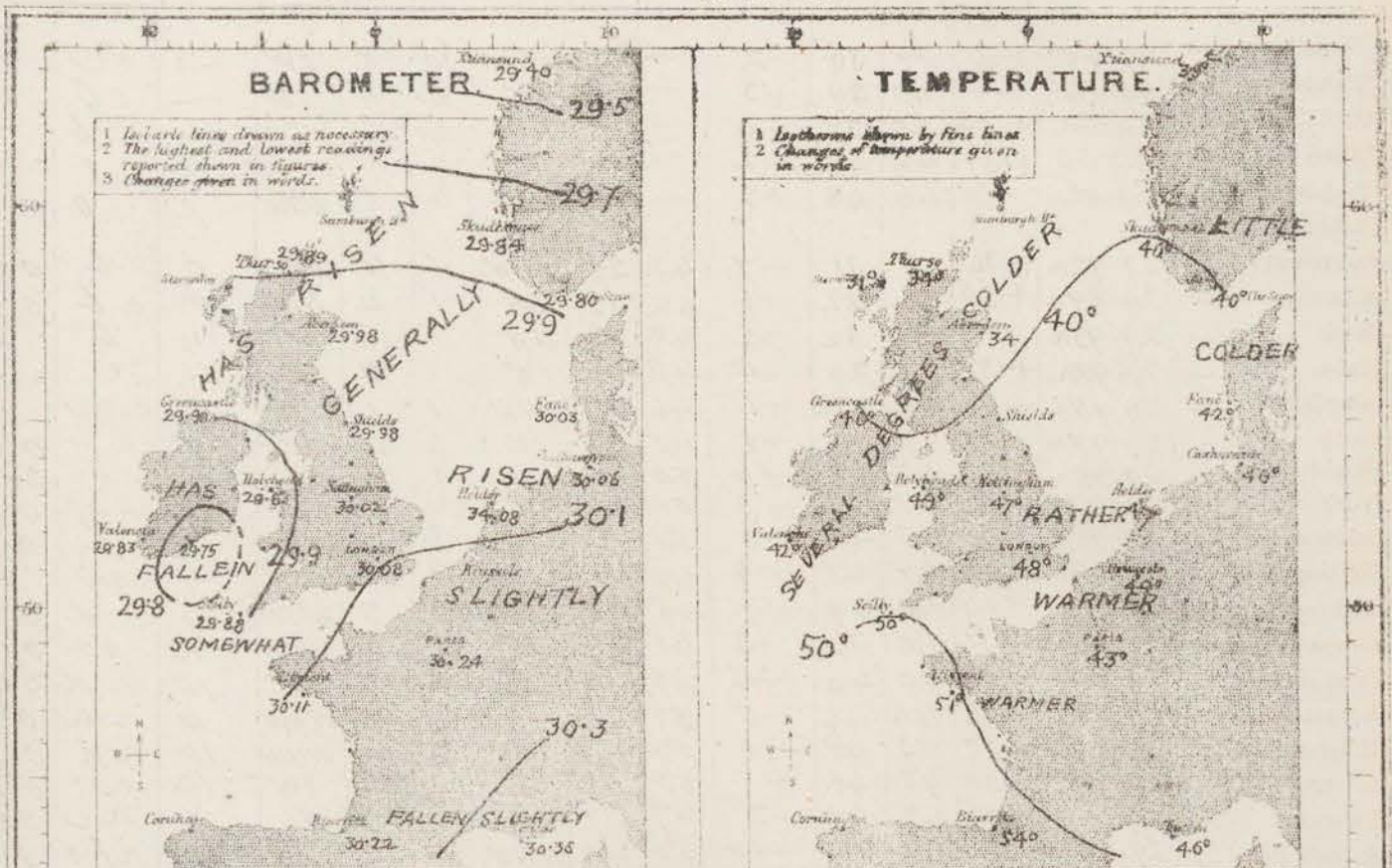
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 a.m.



# WEATHER CHARTS

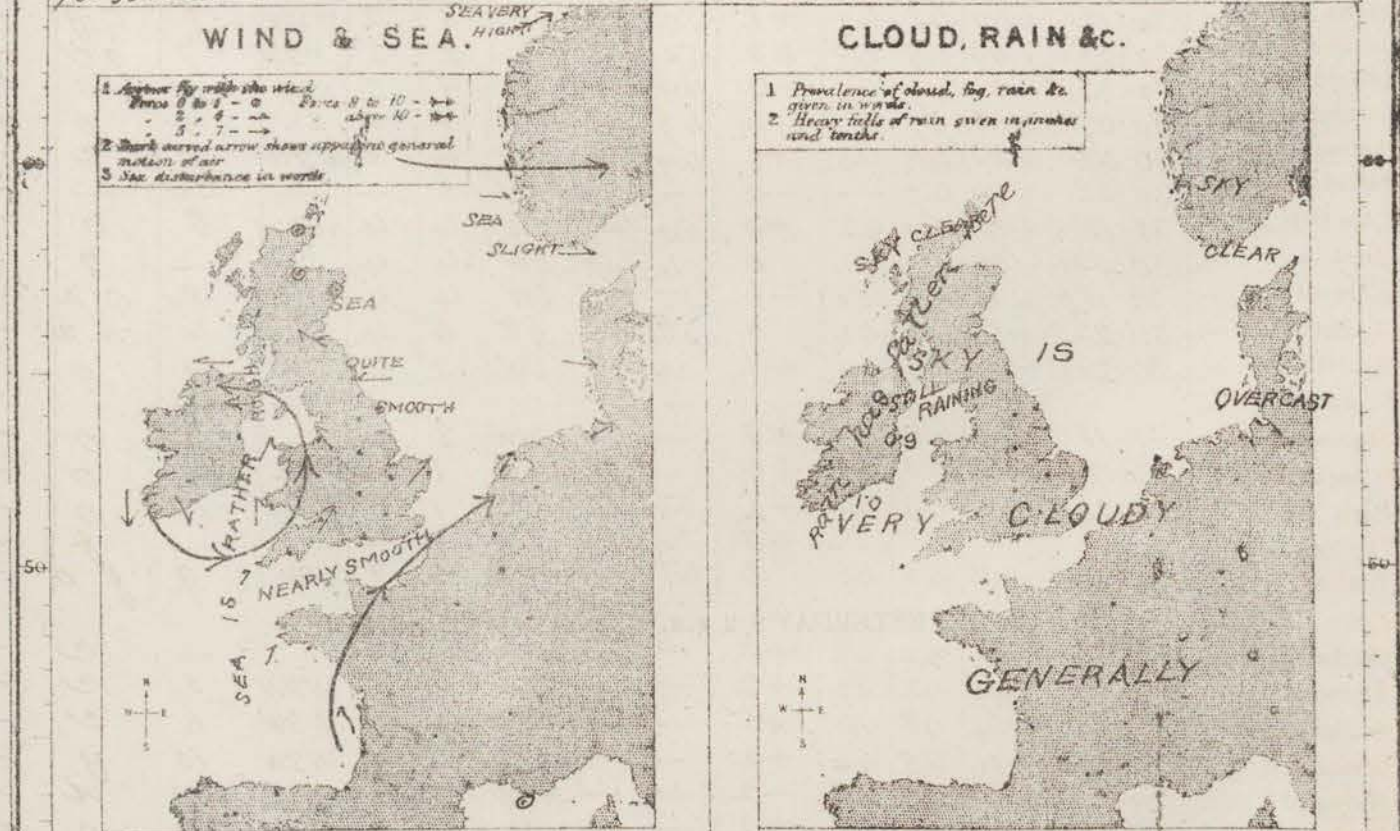
AND REMARKS FOR

THURS-DAY 16<sup>TH</sup> JANUARY 1873 AT 8 A.M.



The rise of the barometer at the N<sup>o</sup> stations has continued and extended to the E and SE coasts, while, in the SW there has been a slight further fall. The lowest readings are in Norway, but a shallow depression is found near Roches Pt. to which station there is a gradient of 0.055 in per 50 miles from Rochefort. From Wick to L. Transund the gradient is 0.07 in per 50 miles.

Temperature has fallen considerably in Ireland and Scotland, and to a less extent in Norway, but risen a few degrees at the SE stations.



The wind in our Islands is light to moderate and circulates round the local depression noticed above, being N.W. in Ireland, S.W. in the S. of England, S.E. and E. in the N. and N.W., while in Norway and Denmark under the influence of the lower pressure the extreme N.W. winds prevail, which blow a heavy gale at L. Transund. The sea is generally moderate or rather rough on the W. coasts smooth, or nearly so elsewhere.

In the N. of Scotland the sky is now clear. Elsewhere it is cloudy and rain is falling in the NW. Heavy rain has fallen in the S. of Ireland.



Tri-day 8 a.m.

# WEATHER REPORT. JAN 17<sup>th</sup> 1873

| STATIONS.                   | BAROMETER   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 hours. | Sea<br>Dis-<br>com-<br>fort.<br>0 to 9 |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|--|
|                             | At 8 a.m.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 a.m.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 a.m. |                      | Extreme.             |        |                                |                                      |                                   |  |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Direc.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Direc. |                                |                                      |                                   |  |
| *Christiansund...           | 29.90   | +50                           | 34                           | 33           | -5  | —                 | —    | ESE       | 6                    | 6                    | WSW    | —                              | 0                                    | —                                 | 5                                      |
| *Skudesnaes ...             | 29.83   | -01                           | 37                           | 36           | -3  | —                 | —    | ESE       | 4                    | 0                    | Z      | —                              | br o                                 | —                                 | 3                                      |
| *Oxö (X'tiansand)           | 29.95   | +15                           | 39                           | 36           | -1  | —                 | —    | SSE       | 4                    | 0                    | Z      | —                              | br                                   | —                                 | 3                                      |
| *Fanö ...                   | 30.01   | -02                           | 43                           | 42           | +1  | —                 | —    | S         | 6                    | —                    | —      | —                              | om                                   | —                                 | —                                      |
| Unghaven ...                | 30.068  | 00                            | 43                           | 43           | -3  | 46                | —    | SW        | 2                    | 3                    | WSW    | —                              | 0                                    | —                                 | —                                      |
| Sumburgh Head               |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |  |
| Stornöway (He-<br>brides.)  | 29.478  | -45                           | 37                           | 37           | +6  | 39                | 29   | WSW       | 2                    | 3                    | E      | 4                              | bc                                   | 0.14                              | 2                                      |
| Thurso ...                  | 29.478  | -42                           | 38                           | 36           | +4  | 44                | 33   | SSW       | 1                    | 4                    | SSE    | 6                              | rc                                   | 0.41                              | 2                                      |
| Wick ...                    | 29.578  | -44                           | 37                           | 35           | +3  | 44                | 35   | SW        | 2                    | 9                    | SE     | 2                              | cl                                   | 0.15                              | 2                                      |
| Nairn ...                   | 29.588  | -40                           | 36                           | 34           | +6  | 44                | 30   | S         | 1                    | 1                    | SSE    | 0                              | apb                                  | 0.04                              | 1                                      |
| Aberdeen ...                | 29.638  | -35                           | 37                           | 35           | +3  | 46                | 33   | SSW       | 2                    | 4                    | SE     | 1                              | rb                                   | 0.49                              | 1                                      |
| Leith ...                   | 29.738  | -24                           | 40                           | 37           | +1  | 48                | 37   | SW        | 3                    | 3                    | SE     | 1                              | rb                                   | 0.35                              | —                                      |
| Shields ...                 | 29.868  | -12                           | 39                           | 37           | -3  | 48                | 39   | SW        | 2                    | 3                    | SSW    | 3                              | od                                   | 0.03                              | 1                                      |
| York ...                    | 29.928  | -05                           | 37                           | 37           | -4  | 49                | 37   | S         | 1                    | 2                    | S      | 9                              | df                                   | 0.18                              | —                                      |
| Scarborough ...             | 29.898  | -09                           | 38                           | 37           | -5  | 49                | 37   | W         | 2                    | 3                    | WSW    | 1                              | gb                                   | 0.03                              | 2                                      |
| Nottingham ...              | 29.982  | -04                           | 34                           | 33           | -15   | 52                | 34   | SW        | 1                    | 6                    | S      | 0                              | gn                                   | 0.02                              | —                                      |
| Ardrossan ...               | 29.752  | -19                           | 43                           | 40           | +3  | 49                | 38   | SW        | 5                    | 6                    | SW     | 6                              | rc                                   | 0.82                              | 4                                      |
| Greencastle ...             | 29.702  | -20                           | 41                           | 40           | +1  | 43                | 36   | SSW       | 5                    | 5                    | SSW    | 9                              | po                                   | 0.24                              | —                                      |
| Donaghadee ...              | 29.792  | -07                           | 37                           | 37           | -3  | 48                | 37   | SSW       | 3                    | 4                    | S      | 6                              | c                                    | 0.40                              | 3                                      |
| Kingstown ...               | 29.902  | +08                           | 42                           | 39           | -2  | 51                | 39   | SSE       | 3                    | 5                    | SSE    | 7                              | mc                                   | 0.01                              | 3                                      |
| Holyhead ...                | 29.892  | +06                           | 42                           | 40           | -7  | 52                | 41   | SW        | 2                    | 3                    | SSE    | 2                              | df                                   | 0.08                              | 1                                      |
| Liverpool (Bidston<br>Obs.) | 29.952  | +01                           | 40                           | 38           | -8  | 50                | 38   | SW        | 3                    | 4                    | WSW    | 1                              | ob                                   | 0.07                              | 2                                      |
| Valencia ...                | 29.818  | -02                           | 48                           | 47           | +6  | 49                | 38   | S         | 7                    | 6                    | S      | 8                              | pr                                   | 0.08                              | 5                                      |
| Roche's Point ...           | 29.898  | -14                           | 45                           | 43           | +5  | 46                | 37   | SW        | 4                    | 4                    | NNW    | 6                              | bc                                   | —                                 | 4                                      |
| Pembroke ...                | 29.982  | +11                           | 45                           | 42           | -4  | 50                | 42   | WSW       | 4                    | 5                    | SSW    | 4                              | oc                                   | 0.08                              | 3                                      |
| Portishead ...              | 30.022  | +04                           | 38                           | 37           | -12   | 53                | 35   | SE        | 1                    | 6                    | S      | 2                              | gb                                   | 0.16                              | 1                                      |
| Scilly ...                  | 30.052  | +17                           | 45                           | 43           | -5  | 51                | 42   | WSW       | 5                    | 6                    | SSW    | 4                              | oc                                   | 0.09                              | 4                                      |
| Plymouth ...                | 30.052  | +07                           | 38                           | 38           | -13   | 53                | 37   | E         | 1                    | 3                    | WSW    | 1                              | pf                                   | 0.15                              | —                                      |
| Portsmouth ...              | 30.048  | -04                           | 42                           | 41           | -7  | 51                | 41   | NNW       | 3                    | 3                    | SSW    | 6                              | oc                                   | 0.10                              | 3                                      |
| Dover ...                   | 29.998  | -14                           | 48                           | 48           | 0   | 51                | 47   | SSW       | 2                    | 2                    | WSW    | 7                              | tg                                   | —                                 | 2                                      |
| London ...                  | 30.018  | -07                           | 43                           | 42           | -5  | 52                | 43   | WNW       | 1                    | 3                    | SSW    | 6                              | opc                                  | 0.05                              | —                                      |
| Oxford ...                  | 30.032  | -01                           | 38                           | 37           | -11   | 52                | 38   | SW        | 1                    | 3                    | S      | 0                              | pb                                   | 0.09                              | —                                      |
| Cambridge ...               | 30.008  | -07                           | 43                           | 40           | -4  | 52                | 42   | NW        | 1                    | 2                    | S      | 5                              | orc                                  | 0.03                              | —                                      |
| Yarmouth ...                | 29.918  | -12                           | 46                           | 45           | 0   | 49                | 45   | W         | 4                    | 5                    | WSW    | 8                              | cr                                   | 0.06                              | 3                                      |
| *Helder ...                 | 30.00   | -08                           | 45                           | —            | -2  | —                 | —    | S         | 5                    | —                    | —      | —                              | —                                    | —                                 | 2                                      |
| Cape Gris Nez...            | 29.998  | -14                           | 44                           | 42           | -3  | 53                | 44   | SW        | 4                    | 4                    | SW     | 8                              | o                                    | 0.04                              | 3                                      |
| Brest ...                   | 30.102  | -07                           | 44                           | 42           | -7  | 53                | 41   | NNE       | 3                    | 5                    | SSW    | 2                              | fb                                   | 0.08                              | 3                                      |
| L'Orient ...                | 30.132  | +02                           | 46                           | 46           | -5  | 53                | 45   | NNW       | 4                    | 4                    | SSW    | 10                             | r                                    | 0.32                              | 4                                      |
| Rochefort ...               | 30.058  | -17                           | 49                           | 46           | +3  | 53                | 46   | NW        | 5                    | 4                    | N      | 10                             | co                                   | —                                 | 3                                      |
| Biarritz ...                | 30.148  | -08                           | 48                           | 44           | -6  | 57                | 46   | W         | 7                    | 4                    | S      | 9                              | or                                   | 0.04                              | 4                                      |
| *Corunna ...                |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |  |
| *Brussels ...               | 30.03   | -15                           | 49                           | —            | 0   | —                 | —    | SW        | 3                    | —                    | —      | —                              | b                                    | —                                 | —                                      |
| *Charleville ...            | 30.12   | -14                           | 43                           | —            | 0   | —                 | —    | SE        | 1                    | —                    | —      | —                              | r                                    | —                                 | —                                      |
| Paris ...                   | 30.088  | -16                           | 43                           | 43           | 0   | 51                | 39   | NNW       | 1                    | 1                    | S      | 10                             | om                                   | —                                 | —                                      |
| *Lyons...                   |   |                               | 50                           | —            | +2  | —                 | —    | SE        | 1                    | —                    | —      | —                              | r                                    | —                                 | —                                      |
| Toulon ...                  | 30.208  | -16                           | 47                           | 45           | +1  | 48                | 46   | ENE       | 4                    | 24                   | ENE    | 9                              | fo                                   | —                                 | 4                                      |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |    |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|----|---|---|
| Skudesnaes ...  | 29.99 | +15 | 41 | 40 | +4 | — | — | W   | 1 | — | —   | —  | c  | — | 3 |
| Thurso ...      | 29.97 | +08 | 35 | 33 | +1 | — | — | S   | 1 | 1 | SSW | 3  | gn | — | 2 |
| Scarborough ... | 29.96 | -02 | 47 | 46 | +4 | — | — | SSE | 1 | 1 | SE  | 10 | g  | — | 2 |
| Greencastle ... |       |     | 41 | 40 | +1 | — | — | NE  | 4 | 4 | NE  | 10 | d  | — | — |
| Holyhead ...    | 29.79 | -04 | 50 | 49 | +1 | — | — | SSE | 3 | 3 | SSE | 10 | d  | — | 2 |
| Valencia ...    | 29.88 | +05 | 44 | 42 | +2 | — | — | NNW | 3 | 6 | N   | 7  | c  | — | 4 |
| Scilly ...      | 29.88 | 00  | 50 | 49 | 0  | — | — | WSW | 5 | 6 | SSW | 8  | o  | — | 5 |
| London ...      | 30.06 | -02 | 52 | 50 | +4 | — | — | SSW | 2 | 2 | S   | 10 | co | — | — |
| Rochefort ...   | 30.20 | -02 | 55 | 52 | +9 | — | — | SE  | 3 | — | —   | 0  | b  | — | 3 |

The barometer has risen slightly in Ireland and Scotland, but fallen a little in England. The Irish depression is apparently travelling slowly to the E<sup>ward</sup>.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. haze; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

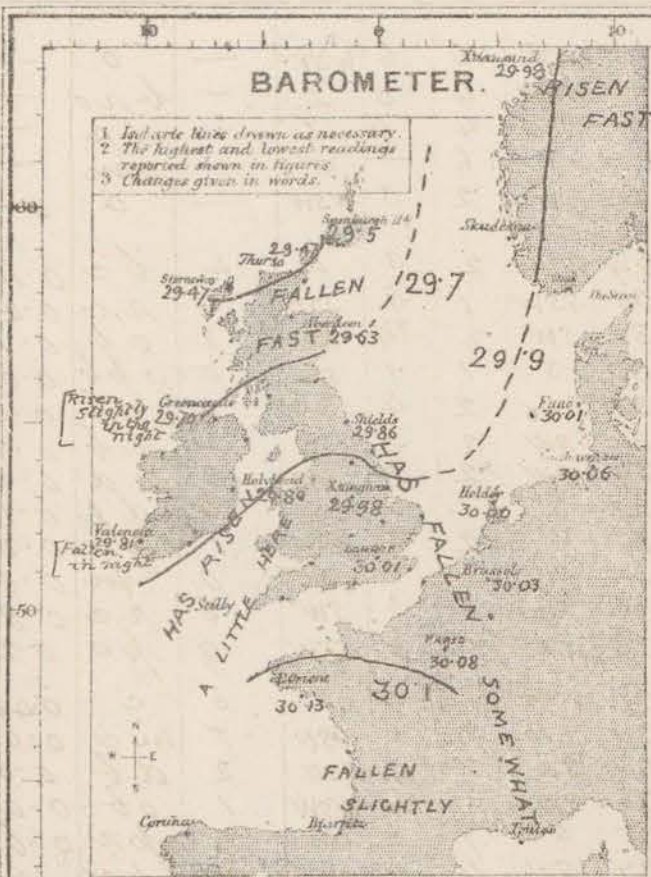
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.

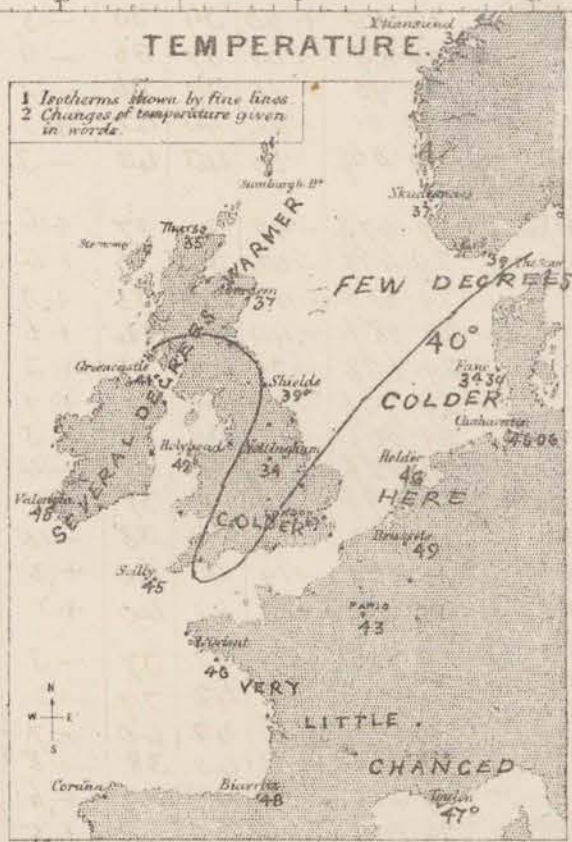


## AND REMARKS FOR

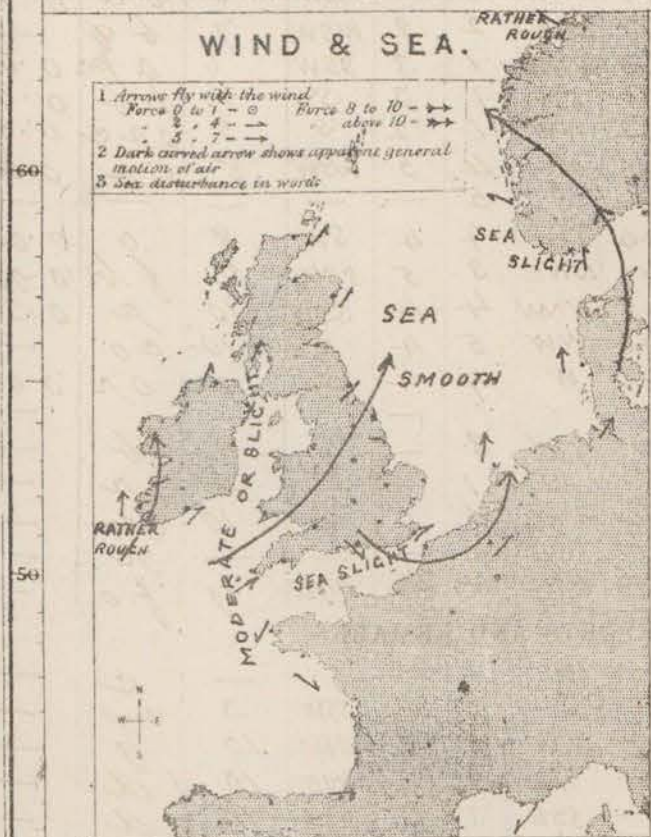
FRI- DAY 17<sup>TH</sup> JANUARY 1873 AT 8 A.M.



During the past night sudden fall of the barometer has taken place in the N. of Scotland, amounting to 0.3 ins at Thurso, but is apparently now passing off. Readings are highest in the W. of Glasgow, but from Brest to Greenock the gradient is only 0.04 in per 50 miles.

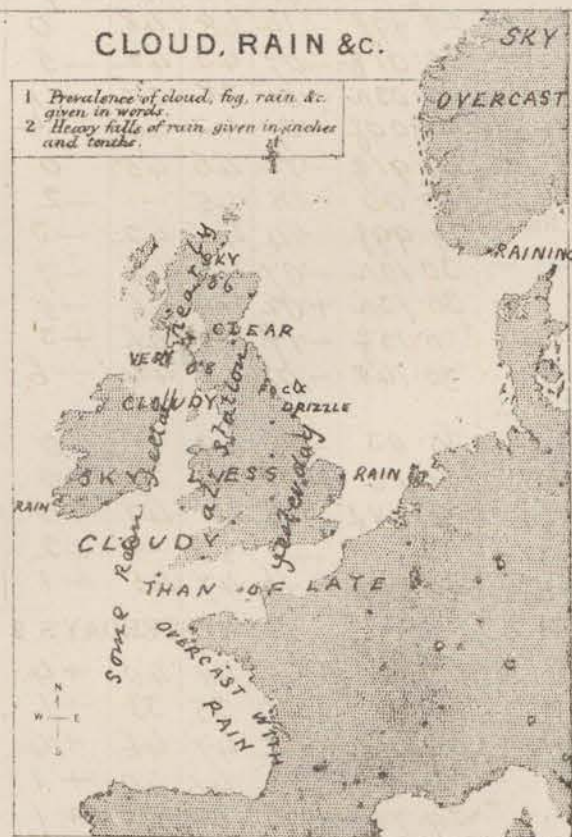


Temperature has risen in Ireland and Scotland, fallen in England and on the E<sup>st</sup> shores of the North Sea. In some parts of England the fall has been very rapid.



S<sup>4</sup> and SW<sup>3</sup> winds are again prevailing in the W and N of our Islands as well as on the E-coasts of the North Sea. In force they are moderate generally but strong at Valencia in France and the SE of England light NW winds are reported.

The sea is moderate to smooth except at Valencia



Some rain has fallen in most places  
and continues at Shields and Yarmouth.  
The sky is less cloudy than it was  
yesterday

*Subscriptions for these Charts payable in advance  
to cover delivery.  
Delivery by hand 10/- per quarter.  
" " " " boat post 5/- per quarter.*

Meteorological Office  
116, Victoria Str<sup>t</sup>, Westminster, S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Lith. London W.C.



Saturday 8 a.m.

WEATHER REPORT. Jan<sup>y</sup> 18<sup>th</sup> 1873.

| STATIONS.                | BAROMETER.  |                               | THERMOMETERS.<br>(in shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>—<br>0 to 9 |
|--------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|---|
|                          | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |   |
|                          |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |   |
| *Christiansund...        | 29.30   | -.60                          | 38                           | 36           | +4  | —                 | —    | WSW       | 4                    | 4                    | ESE    | —                              | ro                                   | —                                 | 4                                       |
| *Skudesnaes ...          | 29.55   | -.28                          | 39                           | 37           | +2  | —                 | —    | WSW       | 4                    | 4                    | SSE    | —                              | ob                                   | —                                 | 4                                       |
| *Oxö (Christiansund)     | 29.54   | -.41                          | 41                           | 40           | +2  | —                 | —    | SW        | 4                    | 4                    | NNE    | —                              | c                                    | —                                 | 3                                       |
| *Fanö ...                | 29.75   | -.23                          | 42                           | 42           | -1  | —                 | —    | SSW       | 6                    | —                    | —      | —                              | o                                    | —                                 | —                                       |
| Oxhaven ...              | 29.86 f   | -.20                          | 37                           | 37           | -6  | 45                | —    | SW        | 3                    | 3                    | SSW    | 5                              | rc                                   | 0.06                              | —                                       |
| Sumburgh Head            |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |   |
| Stornoway (Hebrides)     | 28.86 f   | -.61                          | 41                           | 41           | +4  | 42                | 32   | S         | 11                   | 11                   | S      | 8                              | rd                                   | 0.24                              | 8                                       |
| Thurso ...               | 29.08 f   | -.39                          | 39                           | 36           | +1  | 42                | 34   | S         | 6                    | 6                    | S      | 8                              | bg                                   | 0.06                              | 3                                       |
| Wick ...                 |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |   |
| Nairn ...                | 29.17 f   | -.41                          | 39                           | 36           | +3  | 45                | 34   | S         | 2                    | 3                    | S      | 5                              | bc                                   | —                                 | 1                                       |
| Aberdeen ...             | 29.27 f   | -.36                          | 39                           | 36           | +2  | 43                | 34   | S         | 8                    | 8                    | S      | 7                              | gc                                   | —                                 | 3                                       |
| Leith ...                | 29.37 f   | -.36                          | 40                           | 37           | 0   | 48                | 36   | SW        | 5                    | 5                    | W      | 5                              | c                                    | 0.02                              | —                                       |
| Shields ...              | 29.58 f   | -.28                          | 37                           | 35           | -2  | 44                | 35   | SSW       | 4                    | 5                    | SW     | 4                              | bc                                   | —                                 | 1                                       |
| York ...                 | 29.69 f   | -.23                          | 34                           | 33           | -3  | 47                | 33   | S         | 1                    | 3                    | SSW    | 3                              | cf                                   | 0.01                              | —                                       |
| Scarborough ...          | 29.67 f   | -.22                          | 34                           | 33           | -4  | 44                | 32   | SW        | 2                    | 2                    | SW     | 2                              | db                                   | —                                 | 2                                       |
| Nottingham ...           | 29.78 f   | -.20                          | 36                           | 36           | +2  | 51                | 33   | SSW       | 5                    | 6                    | S      | 2                              | no                                   | —                                 | —                                       |
| Ardrossan ...            | 29.34 f   | -.41                          | 45                           | 41           | +2  | 46                | 41   | W         | 7                    | 7                    | NW     | 8                              | co                                   | 0.19                              | 6                                       |
| Greencastle ...          | 29.20 f   | -.50                          | 41                           | 39           | 0   | 43                | 35   | SSW       | 9                    | 9                    | SSW    | 10                             | og                                   | 0.07                              | —                                       |
| Donaghadee ...           | 29.35 f   | -.44                          | 41                           | 40           | +4  | 45                | 34   | SW        | 7                    | 7                    | SW     | 0                              | b                                    | 0.06                              | 6                                       |
| Kingstown ...            | 29.50 f   | -.40                          | 43                           | 40           | +1  | 48                | 39   | S         | 6                    | —                    | WNW    | 8                              | gm                                   | 0.01                              | 4                                       |
| Holyhead ...             | 29.57 f   | -.32                          | 45                           | 42           | +3  | 48                | 40   | SSW       | 5                    | 5                    | WSW    | 7                              | re                                   | 0.14                              | 3                                       |
| Liverpool (Bidston Obs.) | 29.70 f   | -.25                          | 36                           | 34           | -4  | 47                | 33   | S         | 3                    | 6                    | SW     | 4                              | c                                    | 0.05                              | 3                                       |
| Valencia ...             | 29.43 f   | -.38                          | 48                           | 47           | 0   | 49                | 40   | SW        | 7                    | 7                    | SW     | 8                              | pr                                   | 0.69                              | 6                                       |
| Roche's Point ...        | 29.53 f   | -.36                          | 41                           | 40           | -4  | 48                | 38   | SW        | 8                    | 8                    | SW     | 9                              | cr                                   | 0.20                              | 5                                       |
| Pembroke ...             | 29.72 f   | -.26                          | 45                           | 42           | 0   | 48                | 42   | SW        | 8                    | 8                    | SSW    | 8                              | go                                   | 0.04                              | 6                                       |
| Portishead ...           | 29.84 f   | -.18                          | 39                           | 37           | +1  | 50                | 35   | SW        | 5                    | 5                    | SW     | 7                              | c                                    | 0.03                              | 4                                       |
| Scilly ...               | 29.88 f   | -.17                          | 46                           | 42           | +1  | 50                | 43   | SW        | 5                    | 5                    | SW     | 8                              | co                                   | 0.02                              | 5                                       |
| Plymouth ...             | 29.89 f   | -.16                          | 44                           | 41           | +6  | 49                | 36   | W         | 3                    | 3                    | W      | 6                              | oc                                   | 0.02                              | —                                       |
| Portsmouth ...           | 29.90 f   | -.14                          | 42                           | 41           | 0   | 48                | 40   | WSW       | 3                    | 3                    | NW     | 5                              | c                                    | 0.10                              | 3                                       |
| Dover ...                | 29.92 f   | -.07                          | 42                           | 41           | -6  | 50                | 40   | WSW       | 2                    | 2                    | NNE    | 4                              | bg                                   | 0.02                              | 1                                       |
| London ...               | 29.88 f   | -.73                          | 37                           | 36           | -6  | 47                | 36   | SSW       | 2                    | 3                    | WNW    | 3                              | bpe                                  | 0.07                              | —                                       |
| Oxford ...               | 29.85 f   | -.18                          | 36                           | 35           | -2  | 47                | 36   | S         | 2                    | 3                    | SW     | 2                              | cb                                   | —                                 | —                                       |
| Cambridge ...            | 29.86 f   | -.14                          | 36                           | 35           | -7  | 46                | 35   | SW        | 1                    | 1                    | SW     | 1                              | b                                    | 0.01                              | —                                       |
| Yarmouth ...             | 29.80 f   | -.11                          | 38                           | 37           | -8  | 48                | 37   | WSW       | 3                    | 4                    | NW     | 3                              | cb                                   | 0.01                              | 3                                       |
| *Helder ...              | 29.82   | -.18                          | 45                           | —            | 0   | —                 | —    | SW        | 6                    | —                    | —      | —                              | —                                    | —                                 | 2                                       |
| Cape Gris Nez...         | 29.93 f   | -.06                          | 45                           | 43           | +1  | 49                | 44   | WSW       | 4                    | 4                    | WNW    | 10                             | bo                                   | 0.08                              | 2                                       |
| Brest ...                | 30.02 f   | -.08                          | 48                           | 44           | +4  | 52                | 42   | W         | 4                    | 5                    | W      | 10                             | br                                   | 0.08                              | 4                                       |
| L'Orient ...             | 30.05 f   | -.08                          | 46                           | 46           | 0   | 52                | 43   | W         | 1                    | 4                    | NW     | 5                              | c                                    | 0.16                              | 3                                       |
| Rocheport ...            | 30.19 f   | -.14                          | 48                           | 44           | -1  | 54                | 45   | W         | 4                    | 5                    | SE     | 10                             | o                                    | 0.32                              | 3                                       |
| Biarritz ...             | 30.29 f   | +15                           | 46                           | 44           | -2  | 52                | 44   | S         | 4                    | 8                    | NW     | 9                              | rm                                   | 0.47                              | 3                                       |
| *Corquua ...             |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |   |
| *Brussels ...            | 29.96   | -.09                          | 43                           | —            | -6  | —                 | —    | SSW       | 4                    | —                    | —      | —                              | c                                    | —                                 | —                                       |
| *Charleville ...         | 29.09   | -.03                          | 34                           | —            | -9  | —                 | —    | W         | 1                    | —                    | —      | —                              | of                                   | —                                 | —                                       |
| Paris ...                | 30.06 f   | -.02                          | 40                           | 38           | -3  | 51                | 37   | SSW       | 3                    | 1                    | W      | 10                             | o                                    | —                                 | —                                       |
| *Lyons...                |   |                               | 50                           | —            | 0   | —                 | —    | S         | 1                    | —                    | —      | —                              | r                                    | —                                 | —                                       |
| Toulon ...               | 30.02 f   | -.18                          | 49                           | 47           | +2  | 59                | 47   | WSW       | 3                    | 4                    | SSE    | -3                             | rb                                   | 0.43                              | 4                                       |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |      |    |    |    |   |   |     |   |   |     |    |    |   |   |
|-----------------|-------|------|----|----|----|---|---|-----|---|---|-----|----|----|---|---|
| Skudesnaes ...  | 29.72 | -.11 | 40 | 39 | +3 | — | — | SSE | 6 | — | —   | —  | c  | — | 4 |
| Thurso ...      | 29.37 | -.10 | 41 | 38 | +3 | — | — | S   | 5 | 6 | S   | 8  | ug | — | 3 |
| Scarborough ... | 29.84 | -.05 | 42 | 40 | +4 | — | — | SW  | 2 | 2 | WSW | 1  | b  | — | 2 |
| Greencastle ... | 29.66 | -.04 | 40 | 39 | -1 | — | — | W   | 5 | 6 | SSW | 8  | o  | — | — |
| Holyhead ...    | 29.82 | -.37 | 47 | 45 | +5 | — | — | SSW | 4 | 4 | SSW | 10 | r  | — | 3 |
| Valencia ...    | 29.93 | +12  | 45 | 43 | -3 | — | — | NW  | 4 | 7 | S   | 4  | p  | — | 5 |
| Scilly ...      | 30.05 | .00  | 49 | 46 | +4 | — | — | SW  | 5 | 5 | W   | 7  | c  | — | 4 |
| London ...      | 30.03 | +02  | 47 | 43 | +4 | — | — | WSW | 3 | 3 | WSW | 2  | cb | — | — |
| Rocheport ...   | 30.09 | +04  | 54 | 50 | +5 | — | — | SE  | 5 | — | —   | 10 | o  | — | 3 |

A recovery has set in at Valencia the decrease having travelled N<sup>W</sup>. The wind has veered to NW at Valencia and moderated with a fall of temperature, while the S<sup>E</sup> wind has freshened at Thurso.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

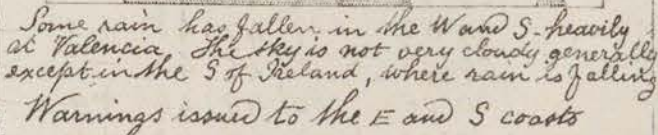
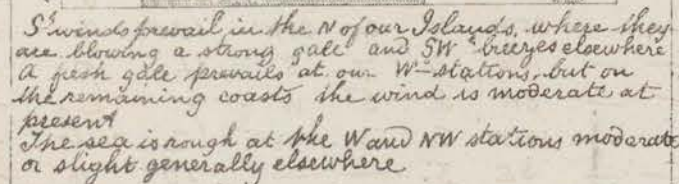
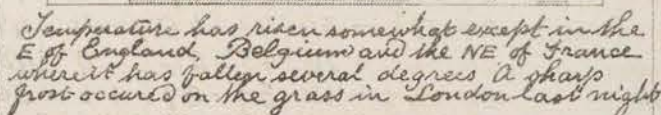
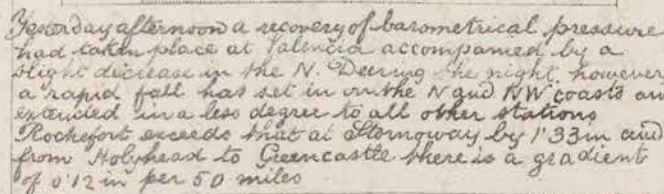
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



SATURDAY 18<sup>TH</sup> JANUARY 1873 AT 8 A.M.



Vincent Brooks Day & Son Ltd, London W



Sunday 8 a.m.

WEATHER REPORT. Jan. 19<sup>th</sup> 1873.

| STATIONS.                   | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9 |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                             | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |      |                                |                                      |                                   |                                    |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dir. |                                |                                      |                                   |                                    |
| *Christiansund...           | 28.59   | -.71                          | 42                           | 35           | +4  | —                 | —    | SE        | 6                    | 6                    | SSW  | —                              | 0                                    | —                                 | 3                                  |
| *Skudesnaes ...             | 28.42   | -.03                          | 40                           | 39           | +1  | —                 | —    | SSE       | 10                   | 8                    | SSW  | —                              | 10                                   | —                                 | 8                                  |
| *Oxö (X'tiansand)           | 28.70   | -.84                          | 41                           | 40           | 0   | —                 | —    | S         | 10                   | 6                    | SSW  | —                              | 2                                    | —                                 | 4                                  |
| *Fanö ...                   | 28.80   | -.98                          | 41                           | 41           | -1  | —                 | —    | S         | 10                   | —                    | —    | —                              | 0.2                                  | —                                 | —                                  |
| Cuxhaven ...                | —   | —                             | 43                           | 43           | +6  | —                 | 35   | SSW       | 8                    | 6                    | SW   | 9                              | m                                    | 0.09                              | —                                  |
| Sumburgh Head               | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —    | —                              | —                                    | —                                 | —                                  |
| Stornoway (He-<br>brides.)  | 28.19   | -.67                          | 31                           | 31           | -10   | 41                | 30   | SW        | 2                    | 11                   | S    | 4                              | ast                                  | 0.47                              | 4                                  |
| Thurso ...                  | 28.13   | -.95                          | 34                           | 32           | -5  | 42                | 33   | SSW       | 1                    | 8                    | SSW  | 3                              | gc                                   | 0.13                              | 2                                  |
| Wick ...                    | 28.14   | —                             | 34                           | 32           | —   | 42                | 32   | W         | 2                    | 5                    | S    | 5                              | oc                                   | 0.02                              | 2                                  |
| Nairn ...                   | 28.23   | -.94                          | 34                           | 33           | -5  | 43                | 33   | WSW       | 2                    | 9                    | W    | 8                              | ps o                                 | 0.03                              | 2                                  |
| Aberdeen ...                | 28.26   | -.101                         | 35                           | 33           | -4  | 43                | 35   | SW        | 2                    | 9                    | S    | 1                              | rbm                                  | 0.21                              | 2                                  |
| Leith ...                   | 28.37   | -.100                         | 35                           | 34           | -5  | 47                | 34   | W         | 4                    | 6                    | SW   | 2                              | rb                                   | 0.46                              | —                                  |
| Shields...                  | 28.52   | -.106                         | 37                           | 36           | 0   | 46                | 37   | WSW       | 4                    | 9                    | SSW  | 2                              | gb                                   | 0.04                              | 2                                  |
| York ...                    | 28.61   | -.108                         | 39                           | 37           | +5  | 48                | 33   | SW        | 3                    | 7                    | SSW  | 0                              | gb                                   | 0.34                              | —                                  |
| Scarborough ...             | 28.58   | -.109                         | 38                           | 37           | +4  | 47                | 32   | W         | 4                    | 8                    | SW   | 3                              | chb                                  | 0.25                              | 3                                  |
| Nottingham ...              | 28.72   | -.106                         | 41                           | 39           | +5  | 51                | 36   | WSW       | 3                    | 9                    | S    | 5                              | ptm                                  | 0.26                              | —                                  |
| Ardrossan ...               | 28.45   | -.89                          | 39                           | 36           | -6  | 47                | 35   | WSW       | 6                    | 9                    | SW   | 6                              | rc                                   | 0.49                              | 5                                  |
| Greencastle ...             | 28.46   | -.74                          | 35                           | 34           | -6  | 43                | 34   | SSW       | 6                    | 9                    | ESE  | 10                             | rg                                   | 0.51                              | —                                  |
| Donaghadee ...              | 28.52   | -.83                          | 35                           | 35           | -6  | 45                | 34   | SSW       | 6                    | 8                    | SSW  | 8                              | o                                    | 0.37                              | 4                                  |
| Kingstown ...               | 28.69   | -.81                          | 40                           | 37           | -3  | 51                | 39   | SW        | 5                    | 9                    | SW   | 8                              | go                                   | 0.16                              | 4                                  |
| Holyhead ...                | 28.63   | -.94                          | 41                           | 39           | -4  | 50                | 41   | SW        | 4                    | 9                    | SSW  | 6                              | rc                                   | 0.39                              | 3                                  |
| Liverpool (Bidston<br>Obs.) | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —    | —                              | —                                    | —                                 | —                                  |
| Valencia ...                | 28.73   | -.70                          | 42                           | 41           | -6  | 51                | 38   | WNW       | 7                    | 10                   | W    | 10                             | ps                                   | 0.46                              | 6                                  |
| Roche's Point ...           | 28.76   | -.77                          | 39                           | 38           | -2  | 49                | 37   | W         | 5                    | 9                    | WSW  | 7                              | rlg                                  | 0.60                              | 5                                  |
| Pembroke ...                | 28.75   | -.97                          | 46                           | 43           | +1  | 50                | 42   | WSW       | 8                    | 10                   | W    | 8                              | g                                    | 0.75                              | 6                                  |
| Portishead ...              | 28.81   | -.103                         | 44                           | 43           | +4  | 52                | 37   | W         | 4                    | 8                    | WSW  | 7                              | go                                   | 0.86                              | 6                                  |
| Scilly ...                  | 28.96   | -.92                          | 47                           | 47           | +1  | 57                | 45   | WSW       | 6                    | 7                    | SSW  | 10                             | or                                   | 0.40                              | 7                                  |
| Plymouth ...                | 28.87   | -.102                         | 49                           | 48           | +5  | 52                | 43   | WSW       | 5                    | 8                    | SW   | 10                             | gu                                   | 0.33                              | —                                  |
| Portsmouth ...              | 28.90   | -.100                         | 46                           | 46           | +4  | 50                | 40   | WSW       | 5                    | 9                    | WSW  | 7                              | ru                                   | 0.56                              | 4                                  |
| Dover ...                   | 28.78   | -.114                         | 47                           | 46           | +5  | 50                | 40   | WSW       | 4                    | 8                    | WSW  | 6                              | cr                                   | 0.80                              | 5                                  |
| London ...                  | 28.84   | -.104                         | 44                           | 42           | +7  | 51                | 42   | SW        | 1                    | 9                    | WSW  | 10                             | cgo                                  | 0.45                              | —                                  |
| Oxford ...                  | 28.82   | -.103                         | 42                           | 40           | +6  | 52                | 36   | SW        | 3                    | 8                    | SSW  | 7                              | oc                                   | 0.40                              | —                                  |
| Cambridge ...               | 28.78   | -.108                         | 43                           | 40           | +7  | 57                | 36   | SW        | 4                    | 6                    | SW   | 7                              | uc                                   | 0.10                              | —                                  |
| Yarmouth ...                | 28.70   | -.110                         | 43                           | 41           | +5  | 50                | 37   | WSW       | 6                    | 10                   | SSW  | 6                              | rc                                   | 0.18                              | 5                                  |
| *Helder ...                 | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —    | —                              | —                                    | —                                 | —                                  |
| Cape Gris Nez...            | 28.91   | -.102                         | 49                           | 49           | +4  | 48                | 39   | WSW       | 9                    | 7                    | W    | 10                             | or                                   | 0.55                              | 7                                  |
| Brest ...                   | 29.46   | -.56                          | 52                           | 52           | +4  | 53                | 44   | WSW       | 8                    | 9                    | WSW  | —                              | r                                    | 0.32                              | 7                                  |
| L'Orient ...                | 29.33   | -.72                          | 51                           | 51           | +5  | 53                | 46   | W         | 8                    | 8                    | WSW  | 10                             | r                                    | 0.32                              | 7                                  |
| Rochefort ...               | 29.61   | -.58                          | 54                           | 52           | +6  | 52                | 46   | W         | 9                    | 7                    | W    | 10                             | ot                                   | 1.18                              | 6                                  |
| Biarritz ...                | 29.89   | -.40                          | 52                           | 48           | +6  | —                 | 45   | S         | 4                    | 4                    | SW   | 7                              | cf                                   | —                                 | —                                  |
| *Corunna ...                | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —    | —                              | —                                    | —                                 | —                                  |
| *Brussels ...               | 29.05   | -.91                          | 50                           | —            | +7  | —                 | —    | SW        | 6                    | —                    | —    | —                              | o                                    | —                                 | —                                  |
| *Charleville ...            | 29.25   | -.84                          | 45                           | —            | +11   | —                 | —    | SSW       | 4                    | —                    | —    | —                              | r                                    | —                                 | —                                  |
| Paris ...                   | 29.26   | -.80                          | 50                           | 48           | +10   | —                 | 44   | SW        | 9                    | 9                    | SSW  | 10                             | r                                    | 0.12                              | —                                  |
| *Lyons...                   | —   | —                             | 46                           | —            | -4  | —                 | —    | S         | 3                    | —                    | —    | —                              | o                                    | —                                 | —                                  |
| Toulon...                   | 29.95   | -.08                          | 41                           | 37           | -8  | 55                | 41   | NW        | 4                    | 5                    | NW   | 2                              | b                                    | —                                 | 5                                  |

## YESTERDAY'S 2. P.M. REPORTS AND REMARKS.

|                 |       |      |    |    |     |   |   |     |   |   |     |    |     |   |   |
|-----------------|-------|------|----|----|-----|---|---|-----|---|---|-----|----|-----|---|---|
| Skudesnaes ...  | 29.32 | -.23 | 40 | 36 | +1  | — | — | E   | 4 | — | —   | —  | c   | — | 4 |
| Thurso ...      | 28.66 | -.42 | 41 | 38 | +2  | — | — | SSW | 7 | 8 | SSW | 7  | gu  | — | 4 |
| Scarborough ... | 29.38 | -.29 | 40 | 38 | +6  | — | — | SW  | 4 | 3 | SW  | 7  | gc  | — | 3 |
| Greencastle ... | 28.95 | -.25 | 43 | 42 | +2  | — | — | SSW | 4 | 9 | SSW | 10 | g   | — | — |
| Holyhead ...    | 29.22 | -.35 | 46 | 45 | +1  | — | — | SSW | 9 | 9 | SSW | 10 | ru  | — | 7 |
| Valencia ...    | 29.19 | -.24 | 51 | 51 | +3  | — | — | WSW | 6 | 7 | SW  | 9  | r   | — | 6 |
| Scilly ...      | 29.58 | -.30 | 48 | 47 | +2  | — | — | SW  | 6 | 7 | SW  | 9  | r   | — | — |
| London ...      | 29.66 | -.22 | 47 | 43 | +10 | — | — | SW  | 4 | 4 | SW  | 7  | cgy | — | 4 |
| Rochefort ...   | 30.11 | -.08 | 52 | 48 | +4  | — | — | SW  | 5 | — | —   | 7  | c   | — | — |

The barometer continues to fall generally chiefly in the N. The gale continues at the W and N stations and has extended down the E coast to Shields, but has subsided to a moderate breeze at Greencastle. The weather seems very unsettled and the sea runs very high in the N.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steadily), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—The letters r. (rising), f. (falling), and s. (steadily), indicate the motion of the mercury in last 14 hours. **WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. lightening; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

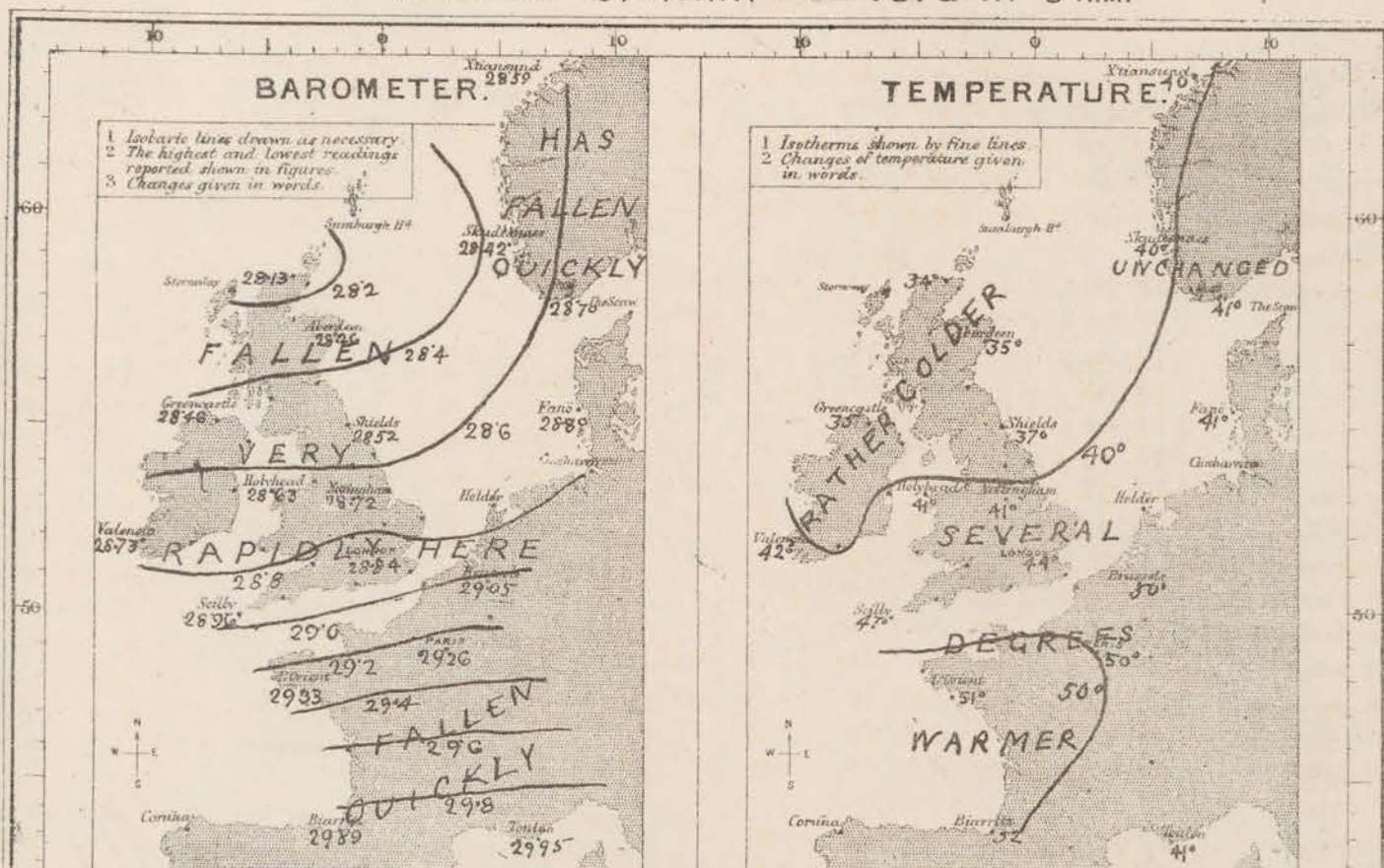
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 a.m.



# WEATHER CHARTS

AND REMARKS FOR

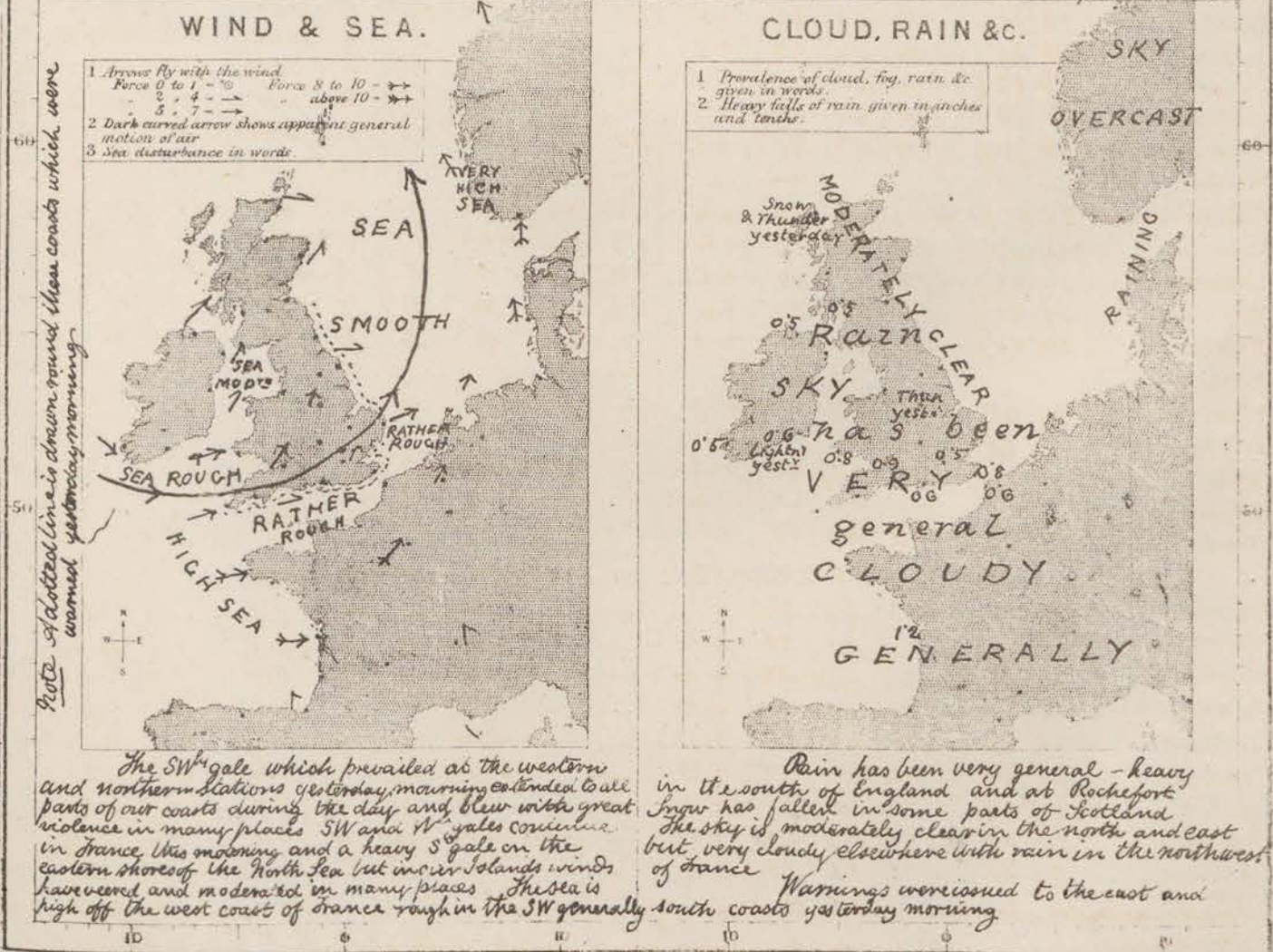
SUNDAY 19<sup>TH</sup> JANUARY 1873 AT 8 A.M.



The fall of the barometer on our coasts and over the North Sea has been most rapid during the past 24 hours, the change in that time exceeding an inch at all air-eastern and most of our southern stations as well as Hudson's, while even as far west as amounts to 0.7 in. To extensive and sudden a diminution has not been experienced since that of the 22<sup>nd</sup> Novr 1869. The reading at Toulon exceeds that at Tunis by 1.82 in and the gradient from Rochefort to Portsmouth is 0.12 in per 50 miles.

Temperature has fallen several degrees in Ireland and Scotland but risen somewhat in the south and east of England rapidly over France.

Valencia and as far north as Christiansburg the fall has not been experienced since that of the 22<sup>nd</sup> Novr 1869.





Monday 8 a.m.

# WEATHER REPORT. Jan 20<sup>th</sup> 1873

| STATIONS                    | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturbance<br>0 to 9 |
|-----------------------------|--|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------|
|                             | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                              |
|                             |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                              |
| *Christiansund...           | 28.43  | -16                           | 37                           | 35           | -5  | —                 | —    | ESE       | 4                    | 6                    | ESE    | —                              | oc                                   | —                                 | 3                            |
| *Skudesnaes ...             | 28.28  | -14                           | 37                           | 37           | -3  | —                 | —    | SE        | 6                    | 4                    | ESE    | —                              | co                                   | —                                 | 4                            |
| *Oxø (X'tiansand)           | 28.40  | -30                           | 35                           | 35           | -6  | —                 | —    | E         | 2                    | 6                    | SW     | —                              | bc                                   | —                                 | 3                            |
| *Fano ...                   | 28.47  | -33                           | 41                           | 40           | 0   | —                 | —    | S         | 8                    | —                    | —      | —                              | c                                    | —                                 | —                            |
| Cuxhaven ...                | 28.518   | ?                             | 42                           | 41           | -1  | 46                | —    | SW        | 5                    | 6                    | SW     | 8                              | o                                    | 0.30                              | —                            |
| Sumburgh Head               |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                              |
| Stornoway (He-<br>brides.)  | 28.192   | .00                           | 30                           | 29           | -1  | 36                | 26   | NW        | 4                    | 3                    | W      | 2                              | sb                                   | 0.18                              | 3                            |
| Thurso ...                  | 28.118   | -02                           | 26                           | 25           | -8  | 36                | 26   | S         | 1                    | 3                    | SW     | 6                              | csnw                                 | 0.03                              | 2                            |
| Wick ...                    | 28.142   | .00                           | 25                           | 25           | -9  | 38                | 24   | NW        | 1                    | 2                    | SSW    | 4                              | c                                    | —                                 | 1                            |
| Nairn ...                   | 28.198   | -04                           | 27                           | 27           | -7  | 35                | 26   | WSW       | 1                    | 2                    | WSW    | 3                              | b                                    | —                                 | —                            |
| Aberdeen ...                | 28.168   | -10                           | 30                           | 29           | -5  | 38                | 29   | WSW       | 1                    | 3                    | SW     | 9                              | nb                                   | —                                 | —                            |
| Leith ...                   | 28.208   | -17                           | 31                           | 30           | -4  | 40                | 26   | W         | 3                    | 4                    | W      | 8                              | sc                                   | 0.13                              | —                            |
| Shields ...                 | 28.248   | -28                           | 32                           | 32           | -5  | 40                | 32   | SW        | 2                    | 4                    | SW     | 6                              | bse                                  | 0.02                              | —                            |
| York ...                    | 28.368   | -25                           | 31                           | 31           | -3  | 43                | 30   | SW        | 1                    | 2                    | WSW    | 8                              | co                                   | 0.16                              | —                            |
| Scarborough ...             | 28.328   | -25                           | 31                           | 31           | -7  | 42                | 30   | WSW       | 4                    | 4                    | W      | 7                              | sc                                   | —                                 | 2                            |
| Nottingham ...              | 28.448   | -28                           | 32                           | 31           | -7  | 45                | 32   | SSW       | 4                    | 7                    | S      | 6                              | tlm                                  | 0.01                              | —                            |
| Ardrossan ...               | 28.228   | -23                           | 34                           | 32           | -5  | 41                | 32   | WSW       | 3                    | 7                    | WSW    | 8                              | cs                                   | 0.14                              | 3                            |
| Greencastle ...             | 28.298   | -17                           | 29                           | 29           | -6  | 37                | 28   | W         | 4                    | 6                    | SW     | 6                              | sc                                   | 0.31                              | —                            |
| Donaghadee ...              | 28.268   | -26                           | 29                           | 29           | -6  | 37                | 29   | WSW       | 4                    | 5                    | SW     | 2                              | b                                    | —                                 | —                            |
| Kingstown ...               | 28.348   | -35                           | 32                           | 31           | -8  | 41                | 31   | WNW       | 6                    | 8                    | WSW    | 10                             | q                                    | 0.02                              | 4                            |
| Holyhead ...                | 28.338   | -30                           | 36                           | 33           | -5  | 43                | 34   | WSW       | 2                    | 6                    | WSW    | 6                              | hc                                   | 0.01                              | 2                            |
| Liverpool (Bldston<br>Obs.) | 28.428   | —                             | 33                           | 31           | —   | 44                | 32   | SW        | 3                    | 6                    | WSW    | 5                              | cq                                   | 0.07                              | 4                            |
| Valencia ...                | 28.328   | -41?                          | 40                           | 39           | -2  | 47                | 29   | NNW       | 9                    | 10                   | NW     | 8                              | spl                                  | 0.76                              | 8                            |
| Roche's Point ...           | 28.418   | -35                           | 35                           | 34           | -4  | 42                | 30   | SW        | 4                    | 7                    | NW     | 9                              | ps                                   | 0.22                              | 4                            |
| Pembroke ...                | 28.448   | -31                           | 39                           | 34           | -7  | 46                | 36   | SW        | 6                    | 9                    | W      | 8                              | htp                                  | 0.11                              | 5                            |
| Portishead ...              | 28.508   | -37                           | 33                           | 32           | -11   | 47                | 30   | S         | 4                    | 7                    | WSW    | 8                              | qn                                   | 0.41                              | 5                            |
| Scilly ...                  | 28.578   | -39                           | 39                           | 37           | -8  | 48                | 35   | W         | 8                    | 9                    | W      | 7                              | qtu                                  | 0.50                              | 8                            |
| Plymouth ...                | 28.528   | -35                           | 36                           | 36           | -13   | 49                | 34   | WSW       | 2                    | 8                    | W      | 10                             | q/s                                  | 0.27                              | —                            |
| Portsmouth ...              | 28.568   | -34                           | 37                           | 36           | -9  | 48                | 34   | SW        | 5                    | 8                    | WSW    | 9                              | qlw                                  | 0.23                              | —                            |
| Dover ...                   | 28.588   | -20                           | 36                           | 34           | -11   | 48                | 35   | SW        | 4                    | 7                    | WSW    | 3                              | ghw                                  | 0.25                              | —                            |
| London ...                  | 28.538   | -31                           | 32                           | 31           | -12   | 45                | 31   | SW        | 1                    | 6                    | WSW    | 4                              | plc                                  | 0.06                              | —                            |
| Oxford ...                  | 28.578   | -29                           | 33                           | 32           | -10   | 45                | 33   | SW        | 2                    | 6                    | SW     | 10                             | tps                                  | 0.14                              | —                            |
| Cambridge ...               | 28.498   | -29                           | 33                           | 31           | -10   | 46                | 32   | SW        | 3                    | 3                    | SW     | 1                              | cb                                   | 0.01                              | —                            |
| Yarmouth ...                | 28.418   | -29                           | 34                           | 33           | -9  | 45                | 32   | WSW       | 5                    | 8                    | SW     | 5                              | rc                                   | 0.05                              | —                            |
| *Helder ...                 | 28.43  | —                             | 41                           | —            | —   | —                 | —    | WSW       | 7                    | —                    | —      | —                              | —                                    | —                                 | —                            |
| Cape Gris Nez...            | 28.618   | -30                           | 40                           | 38           | -9  | 51                | 38   | W         | 7                    | 9                    | WSW    | 9                              | ro                                   | 0.32                              | —                            |
| Brest ...                   | 28.758   | -71?                          | 39                           | 35           | -13   | 53                | 36   | NW        | 8                    | 9                    | WNW    | 10                             | p                                    | 0.43                              | —                            |
| L'Orient ...                | 28.828   | -51                           | 40                           | 40           | -11   | 56                | 36   | W         | 9                    | 11                   | WSW    | 9                              | p                                    | 0.67                              | —                            |
| Rochefort ...               |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                              |
| Biarritz ...                |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                              |
| *Corunna ...                |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                              |
| *Brussels ...               | 28.66  | -39                           | 43                           | —            | -7  | —                 | —    | SW        | 6                    | —                    | —      | —                              | gr                                   | —                                 | —                            |
| *Charleville ...            | 28.83  | -42                           | 39                           | —            | -6  | —                 | —    | SW        | 12                   | —                    | —      | —                              | tho                                  | —                                 | —                            |
| Paris ...                   | 28.818   | -45                           | 38                           | 34           | -12   | 53                | 37   | SW        | 8                    | 10                   | —      | 6                              | rc                                   | 0.52                              | —                            |
| *Lyons...                   | —  | —                             | 57                           | —            | +5  | —                 | —    | S         | 9                    | —                    | —      | —                              | o                                    | —                                 | —                            |
| Toulon...                   | 29.358   | -60                           | 49                           | 45           | +8  | 49                | 41   | SSE       | 3                    | 4                    | WSW    | 6                              | mf                                   | —                                 | —                            |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

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

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightening; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

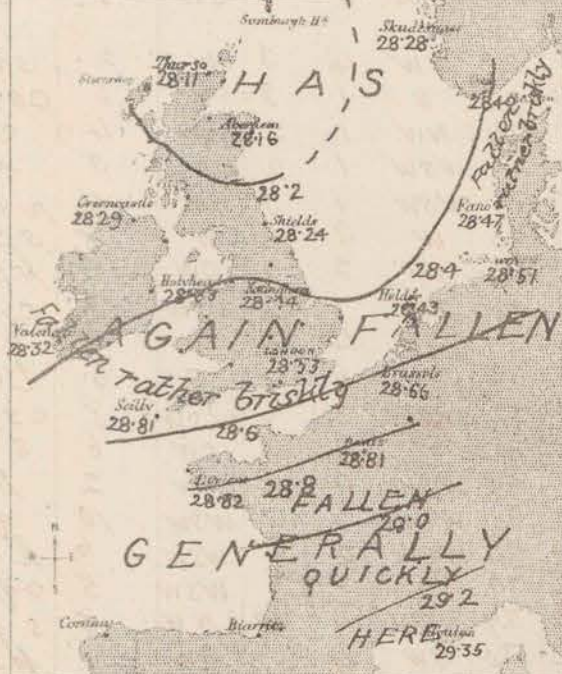
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

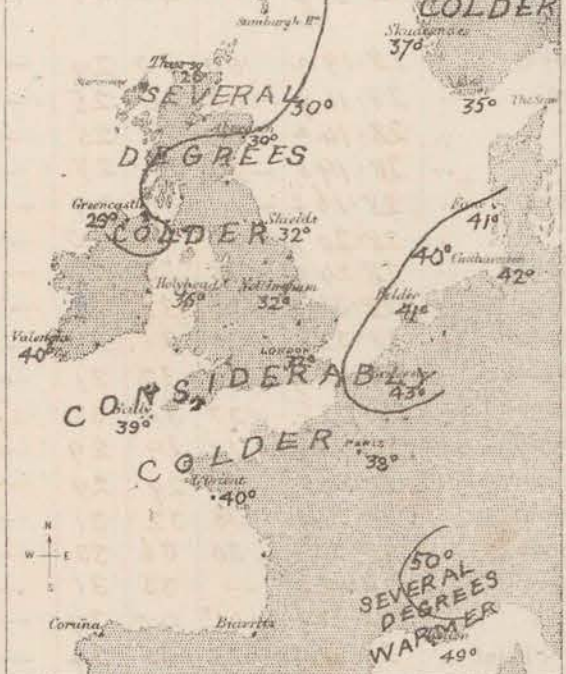
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 2 p.m.



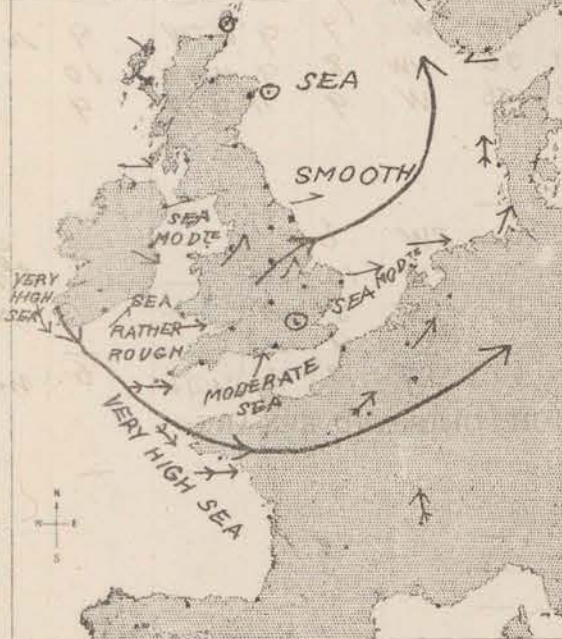
MONDAY 20<sup>TH</sup> JAN<sup>Y</sup> 1873 AT 8 A.M.



The fall of the barometer, which commenced in the north west on Friday night continued with rapidity until yesterday morning and has extended to all stations in the north west of Europe; so that except in the north of France readings are everywhere below 29 in - thus is as low as 28 1/4 inches. In our Islands the gradients are not near steep but those from Paris to Dover and from L'Orient to Lelly are 0.07 in per 50 miles



Temperature has fallen rapidly in our Islands and France. At our northern stations a frost has set in and a slight frost occurred in London last night.



Severe W and SW gales were felt on all our coasts and over the North Sea during Saturday or the succeeding morning. In our Islands the wind has now moderated at most stations, but strong W to SW gales prevail at Scilly, and in France, a S<sup>ly</sup> gale at Fano; and a strong NNW gale at Valencia. The sea runs very high at Valencia, Scilly, and in the west of France.



Aurora was seen in Caithness  
and at Nottingham last night. Rain has  
been general, snow in many places, thunder  
and lightning in the south-west and south  
the sky is cloudy generally with snow at  
Plymouth and Scarborough

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Meteorological Office  
116, Victoria Str<sup>t</sup>. Westminster, S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd, London W1



Tuesday 8 a.m.

WEATHER REPORT. *Jan. 21<sup>st</sup>* 187

| STATIONS.                   | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9 |
|-----------------------------|--|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                             | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                                    |
|                             |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                                    |
| *Christiansund...           | 28.84  | +41                           | 42                           | 34           | +5  | —                 | —    | ESE       | 6                    | 6                    | ESE    | —                              | bc                                   | —                                 | 3                                  |
| *Skudesnaes ...             | 28.79  | +57                           | 35                           | 33           | -2  | —                 | —    | ESE       | 6                    | 6                    | SE     | —                              | rtc                                  | —                                 | 4                                  |
| *Oxö (x'tiansand)           | 28.85  | +45                           | 38                           | 36           | +3  | —                 | —    | SE        | 6                    | 8                    | SSW    | —                              | htc                                  | —                                 | 8                                  |
| *Fanö ...                   | 28.88  | +41                           | 35                           | 35           | -6  | —                 | —    | SSE       | 6                    | —                    | —      | —                              | c                                    | —                                 | —                                  |
| Ouxhaven ...                | 28.842   | +33                           | 33                           | 32           | -9  | 42                | —    | S         | 3                    | 3                    | SW     | 5                              | oc                                   | —                                 | —                                  |
| Sunburgh Head               |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Stornoway (He-<br>brides.)  | 28.722   | +53                           | 36                           | 35           | +6  | 37                | 23   | NW        | 2                    | 2                    | NW     | 6                              | hc                                   | 0.24                              | 2                                  |
| Thurso ...                  | 28.572   | +46                           | 39                           | 38           | +13   | 42                | 26   | NNW       | 3                    | 4                    | NNW    | 8                              | gg                                   | 0.08                              | 3                                  |
| Wick ...                    | 28.672   | +53                           | 36                           | 35           | +11   | 38                | 24   | NNW       | 2                    | 2                    | W      | 8                              | so                                   | 0.02                              | 1                                  |
| Nairn ...                   | 28.692   | +50                           | 34                           | 32           | +7  | 35                | 26   | WSW       | 1                    | 1                    | WSW    | 7                              | bc                                   | —                                 | 1                                  |
| Aberdeen ...                | 28.562   | +40                           | 38                           | 35           | +8  | 39                | 30   | NW        | 7                    | 7                    | NW     | 7                              | oc                                   | —                                 | 2                                  |
| Leith ...                   | 28.712   | +57                           | 34                           | 33           | +3  | 37                | 28   | W         | 3                    | 3                    | W      | 7                              | c                                    | —                                 | —                                  |
| Shields ...                 | 28.702   | +46                           | 31                           | 31           | -1  | 34                | 29   | WNW       | 2                    | 2                    | W      | 7                              | lc                                   | —                                 | 1                                  |
| York ...                    | 28.762   | +40                           | 22                           | 22           | -9  | 34                | 18   | W         | 1                    | 2                    | WSW    | 4                              | c                                    | 0.03                              | —                                  |
| Scarborough ...             | 28.752   | +43                           | 29                           | 29           | -2  | 34                | 21   | W         | 2                    | 2                    | WSW    | 7                              | c                                    | —                                 | 2                                  |
| Nottingham ...              | 28.792   | +35                           | 24                           | 22           | -8  | 38                | 21   | Z         | 0                    | 4                    | S      | 8                              | sf                                   | 0.56                              | —                                  |
| Ardrossan ...               | 28.752   | +53                           | 42                           | 38           | +8  | 43                | 25   | NW        | 3                    | 4                    | NW     | 5                              | sc                                   | 0.05                              | 2                                  |
| Greencastle ...             | 28.892   | +60                           | 36                           | 35           | +7  | 36                | 28   | WNW       | 3                    | 4                    | SSW    | 10                             | cg                                   | 0.34                              | —                                  |
| Donaghadee ...              | 28.822   | +56                           | 36                           | 35           | +7  | 36                | 28   | NNW       | 4                    | 4                    | NNW    | 5                              | bc                                   | 0.02                              | 3                                  |
| Kingstown ...               | 28.942   | +60                           | 36                           | 34           | +4  | 37                | 30   | W         | 7                    | 6                    | WNW    | 9                              | mo                                   | —                                 | 4                                  |
| Holyhead ...                | 28.852   | +52                           | 41                           | 39           | +5  | 41                | 34   | WNW       | 6                    | 3                    | NW     | —                              | lc                                   | —                                 | 3                                  |
| Liverpool (Bidston<br>Obs.) | 28.872   | +45                           | 38                           | 36           | +5  | 39                | 32   | WNW       | 4                    | 5                    | WNW    | 7                              | c                                    | —                                 | 4                                  |
| Valencia ...                | 29.152   | +82                           | 33                           | 32           | -7  | 44                | 30   | N         | 1                    | 11                   | NNW    | 5                              | pc                                   | 0.11                              | 7                                  |
| Roche's Point ...           | —  | —                             | 35                           | 33           | 0   | 39                | 31   | NW        | 4                    | 6                    | NW     | 3                              | sd                                   | 0.28                              | 3                                  |
| Pembroke ...                | 28.972   | +53                           | 40                           | 37           | +1  | 41                | 34   | NW        | 5                    | 9                    | W      | 6                              | gc                                   | 0.21                              | 4                                  |
| Portishead ...              | 28.922   | +42                           | 35                           | 33           | +2  | 40                | 30   | WNW       | 4                    | 7                    | SW     | 6                              | gtc                                  | 0.11                              | 5                                  |
| Scilly ...                  | 29.102   | +53                           | 41                           | 37           | +2  | 43                | 37   | WNW       | 5                    | 9                    | W      | 5                              | htc                                  | 0.17                              | 7                                  |
| Plymouth ...                | 28.992   | +47                           | 34                           | 33           | -2  | 42                | 31   | NW        | 2                    | 5                    | WSW    | 1                              | sf                                   | 0.03                              | —                                  |
| Portsmouth ...              | 28.902   | +34                           | 33                           | 32           | -4  | 42                | 32   | NW        | 3                    | 8                    | SW     | 5                              | htc                                  | 0.07                              | 3                                  |
| Dover ...                   | 28.742   | +16                           | 34                           | 32           | -2  | 43                | 33   | N         | 4                    | 8                    | WSW    | 5                              | gtg                                  | 0.23                              | 3                                  |
| London ...                  | 28.822   | +29                           | 32                           | 30           | 0   | 39                | 31   | WNW       | 2                    | 7                    | WSW    | 2                              | clb                                  | —                                 | —                                  |
| Oxford ...                  | 28.882   | +35                           | 29                           | 28           | -4  | 36                | 28   | W         | 2                    | 6                    | SW     | 7                              | sc                                   | 0.13                              | —                                  |
| Cambridge ...               | 28.802   | +31                           | 28                           | 27           | -5  | 38                | 27   | NW        | 2                    | 2                    | SSE    | 7                              | csb                                  | 0.16                              | —                                  |
| Yarmouth ...                | 28.652   | +24                           | 35                           | 34           | +1  | 45                | 32   | WSW       | 4                    | 5                    | WSW    | 9                              | rs                                   | 0.09                              | 4                                  |
| *Helder ...                 | 28.69  | +26                           | 36                           | —            | -5  | —                 | —    | SSE       | 6                    | —                    | —      | —                              | —                                    | —                                 | 2                                  |
| Cape Gris Nez...            | 28.782   | +17                           | 36                           | 32           | -3  | 44                | 35   | NW        | 7                    | 9                    | W      | 10                             | o                                    | 0.32                              | 5                                  |
| Brest ...                   | 29.072   | +32                           | 43                           | 39           | +4  | 49                | 34   | N         | 4                    | 8                    | NW     | 7                              | ro                                   | 0.12                              | 6                                  |
| L'Orient ...                | 29.072   | +25                           | 41                           | 41           | +1  | 56                | 32   | NNW       | 7                    | 11                   | W      | 15                             | rc                                   | 0.20                              | 7                                  |
| Rochefort ...               |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Biarritz ...                | 29.402   | +19                           | 45                           | 40           | -3  | 47                | 41   | W         | 9                    | 9                    | W      | 10                             | r                                    | 0.59                              | 8                                  |
| *Corunna ...                |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| *Brussels ...               | 28.68  | +02                           | 44                           | —            | +2  | —                 | —    | WSW       | 3                    | —                    | —      | —                              | or                                   | —                                 | —                                  |
| *Charleville ...            | 28.80  | -03                           | 35                           | —            | -4  | —                 | —    | S         | 6                    | —                    | —      | —                              | ors                                  | —                                 | —                                  |
| Paris ...                   | 28.76  | -05                           | 36                           | 34           | -2  | 40                | 33   | NW        | 9                    | 9                    | SSW    | 10                             | o                                    | —                                 | —                                  |
| *Lyons...                   | 29.23  | —                             | 46                           | —            | -5  | —                 | —    | S         | 3                    | —                    | —      | —                              | c                                    | —                                 | —                                  |
| Toulon...                   | 29.302   | -05                           | 43                           | 39           | -6  | 53                | 43   | WNW       | 5                    | 5                    | SW     | 6                              | om                                   | 0.12                              | 7                                  |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |     |   |   |     |   |    |     |    |    |   |   |
|-----------------|-------|-----|----|----|-----|---|---|-----|---|----|-----|----|----|---|---|
| Skudesnaes ...  | 28.51 | +03 | 40 | 37 | +3  | — | — | E   | 6 | —  | —   | —  | o  | — | 3 |
| Thurso ...      | 28.22 | +11 | 36 | 34 | +10 | — | — | NW  | 2 | 1  | WSW | 8  | g  | — | 3 |
| Scarborough ... | 28.40 | +08 | 32 | 31 | +1  | — | — | WSW | 2 | 2  | WSW | 4  | lb | — | 2 |
| Greencastle ... | 28.40 | +11 | 32 | 31 | +3  | — | — | SSW | 4 | 4  | SSW | 3  | b  | — | — |
| Holyhead ...    | 28.35 | +02 | 37 | 34 | +1  | — | — | NW  | 1 | 2  | N   | 6  | c  | — | 1 |
| Valencia ...    | 28.50 | +18 | 38 | 37 | -2  | — | — | NNW | 4 | 11 | NNW | 8  | sp | — | — |
| Scilly ...      | 28.58 | +01 | 42 | 39 | +3  | — | — | W   | 8 | 8  | W   | 7  | g  | — | 8 |
| London ...      | 28.55 | +02 | 39 | 36 | +7  | — | — | WSW | 3 | 3  | WSW | 7  | gc | — | — |
| Rochefort ...   | 29.00 | —   | 44 | 42 | —   | — | — | SW  | 7 | —  | —   | 16 | c  | — | 6 |

The barometer has again fallen briskly at Pembroke, but risen elsewhere, chiefly in Ireland and Scotland. The wind is again blowing a strong gale from W. at Pembroke with a very high sea; at Valencia the NNW gale has subsided. At Greencastle the wind has backed to SSW, but the weather is warmings extended to our S & SE coasts.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hazy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

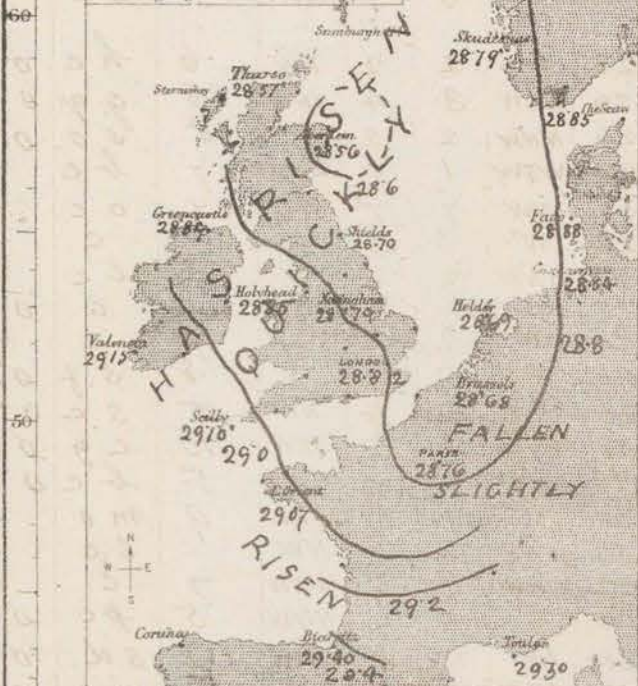
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

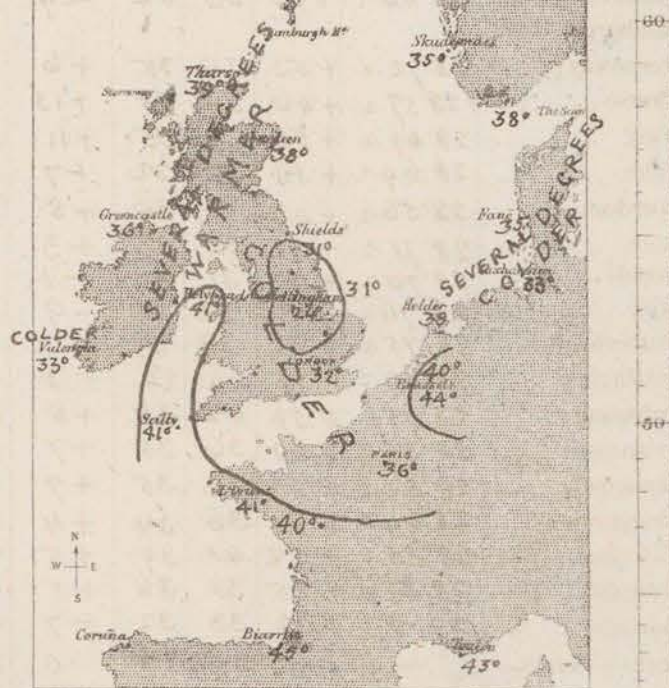
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



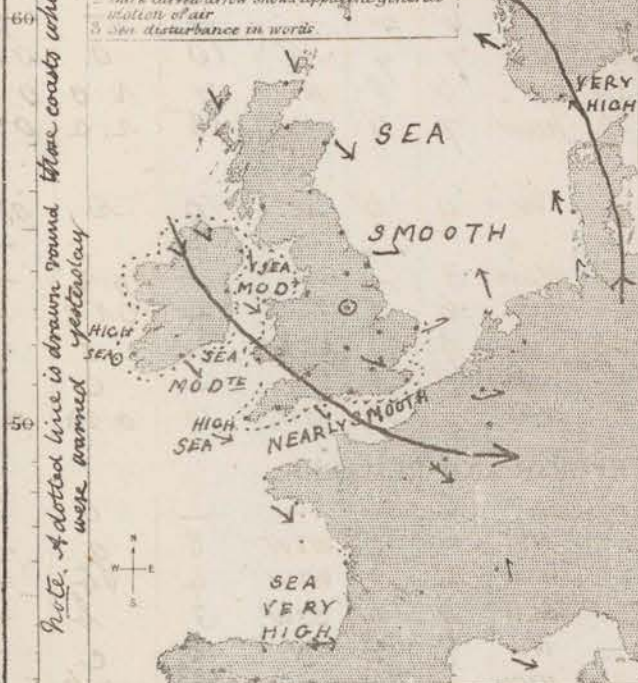
1873 AT 8 A.M.



The barometer remained very low, and was unsteady in the south-east of England till last evening though a recovery had commenced in the west and north. During the night this recovery has been general except in the East of France, and is most marked on the western and north coasts. There is now a gradient of 0.06 in per 50 miles from Valencia to Aberdeen.



Temperature has again fallen at the eastern and southern stations and a sharp frost prevails over the centre and east of England. At York the temperature in the shade fell to  $18^{\circ}$  last night.



The wind again increased to a gale from the W<sup>ind</sup> in the south west and south East evening. It has now veered to the NW<sup>ind</sup> <sup>and</sup> <sup>is</sup> blowing over our Islands and though moderate generally, is strong at Aberdeen and Kings town. In France strong NW winds prevail while on the eastern shores of the North Sea the wind is fresh, from S and SE. The sea runs high at Oporto Valencia Sicily and Lorient, but is moderate & slight in most places.



A little snow has fallen in the  
east and south. Thunder and lightning  
occurred in the south of England last night.  
The sky is less cloudy than of late.

Warnings were issued to our west, south, and south-east coasts yesterday. Drums lowered in the south east this morning.

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..... boat post 5% per quarter*

*Meteorological Office*  
116, Victoria Strt., Westminster, S.W.  
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London



Wednesday 8 a.m.

## WEATHER REPORT. Jan'y 22 1873

| STATIONS.                   | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9 |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                             | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                                    |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                                    |
| *Christiansund...           | 28.89   | +05                           | 37                           | 33           | -5  | —                 | —    | ENE       | 2                    | 6                    | E      | —                              | 0                                    | —                                 | 3                                  |
| *Skadesnaes ...             | 28.84   | +05                           | 37                           | 36           | +2  | —                 | —    | ESE       | 6                    | 4                    | ESE    | —                              | b o                                  | —                                 | 4                                  |
| *Oxö (X'tiansand)           | 28.94   | +09                           | 37                           | 36           | -1  | —                 | —    | SSW       | 4                    | 6                    | NNW    | —                              | c r                                  | —                                 | 3                                  |
| *Fanö ...                   | 29.15   | +17                           | 34                           | 34           | -1  | —                 | —    | SE        | 6                    | —                    | —      | —                              | c                                    | —                                 | —                                  |
| Cuxhaven ...                | 29.062  | +22                           | 34                           | 34           | +1  | —                 | 31   | S         | 2                    | 2                    | SSE    | 2                              | b                                    | —                                 | —                                  |
| Sumburgh Head               |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Stornoway (He-<br>brides.)  | 28.852  | +13                           | 29                           | 28           | -7  | 37                | 26   | NW        | 2                    | 2                    | NW     | 1                              | b                                    | 0.01                              | 2                                  |
| Thurso ...                  | 28.772  | +20                           | 39                           | 37           | 0   | 40                | 34   | SSW       | 2                    | 3                    | N      | 5                              | pc                                   | 0.03                              | 2                                  |
| Wick ...                    | 28.792  | +12                           | 33                           | 32           | -3  | 36                | 28   | NNW       | 1                    | 2                    | NW     | 7                              | c                                    | —                                 | 0                                  |
| Nairn ...                   | 28.832  | +14                           | 30                           | 30           | -4  | 39                | 29   | WSW       | 1                    | 1                    | WSW    | 6                              | c                                    | —                                 | 1                                  |
| Aberdeen ...                | 28.772  | +21                           | 31                           | 30           | -7  | 39                | 31   | Z         | 0                    | 7                    | NW     | 8                              | pcm                                  | 0.03                              | 2                                  |
| Leith ...                   | 28.812  | +10                           | 33                           | 32           | -1  | 43                | 31   | ENE       | 2                    | 3                    | W      | 5                              | c                                    | —                                 | —                                  |
| Shields ...                 | 28.792  | +09                           | 35                           | 35           | +4  | 37                | 31   | SW        | 1                    | 4                    | WNW    | 8                              | c o                                  | 0.01                              | 2                                  |
| York ...                    | 28.752  | -01                           | 33                           | 30           | +11   | 39                | 22   | E         | 1                    | 2                    | W      | 10                             | c s                                  | 0.20                              | —                                  |
| Scarborough ...             | 28.752  | 00                            | 35                           | 35           | +6  | 38                | 27   | S         | 4                    | 2                    | WNW    | 10                             | c r                                  | 0.05                              | 4                                  |
| Nottinglam ...              | 28.742  | -05                           | 37                           | 36           | +13   | 40                | 24   | SW        | 2                    | 3                    | NW     | 10                             | m u                                  | 0.12                              | —                                  |
| Ardrossan ...               | 28.822  | +07                           | 35                           | 34           | -7  | 35                | 35   | NE        | 1                    | 4                    | WNW    | 4                              | c                                    | 0.14                              | 1                                  |
| Greencastle ...             | 28.842  | -05                           | 34                           | 33           | -2  | 38                | 32   | N         | 1                    | 4                    | W      | 10                             | c g                                  | 0.08                              | —                                  |
| Donaghadee ...              | 28.762  | -06                           | 39                           | 37           | +3  | 41                | 33   | N         | 6                    | 7                    | N      | 4                              | c                                    | 0.04                              | 5                                  |
| Kingstown ...               | 28.702  | -23                           | 37                           | 36           | +1  | 42                | 35   | W         | 3                    | —                    | WNW    | 10                             | b r                                  | 0.02                              | 3                                  |
| Holyhead ...                | 28.662  | -19                           | 40                           | —            | 0   | 44                | 39   | NW        | 2                    | 5                    | WNW    | 10                             | c r                                  | 0.74                              | 1                                  |
| Liverpool (Bidston<br>Obs.) | 28.732  | -14                           | 36                           | 35           | -2  | 45                | 35   | SSE       | 1                    | 7                    | W      | 9                              | c o                                  | 0.18                              | 2                                  |
| Valencia ...                | 28.972  | -18                           | 44                           | 43           | +11   | 46                | 32   | N         | 5                    | 7                    | N      | 4                              | p                                    | 0.28                              | 3                                  |
| Roche's Point ...           | 28.792  | —                             | 39                           | 38           | +4  | 44                | 35   | N         | 8                    | 8                    | N      | 9                              | o                                    | 0.20                              | 5                                  |
| Pembroke ...                | 28.692  | -28                           | 43                           | 41           | +3  | 46                | 39   | W         | 5                    | 6                    | W      | 10                             | h g o                                | 0.07                              | 5                                  |
| Portishead ...              | 28.772  | -15                           | 39                           | 38           | +4  | 44                | 33   | WSW       | 4                    | 6                    | WNW    | 9                              | c u                                  | 0.22                              | 4                                  |
| Scilly ...                  | 28.862  | -24                           | 44                           | 42           | +3  | 48                | 40   | W         | 6                    | 7                    | WNW    | 7                              | h e g                                | 0.18                              | 6                                  |
| Plymouth ...                | 28.842  | -15                           | 40                           | 40           | +6  | 47                | 32   | W         | 3                    | 4                    | WNW    | 10                             | p                                    | 0.13                              | —                                  |
| Portsmouth ...              | 28.812  | -09                           | 42                           | 41           | +9  | 44                | 33   | WNW       | 3                    | 5                    | SW     | 9                              | c o                                  | 0.07                              | 3                                  |
| Dover ...                   | 28.802  | -106                          | 42                           | 41           | +8  | 44                | 33   | SSW       | 6                    | 4                    | NW     | 8                              | b u                                  | 0.15                              | 5                                  |
| London ...                  | 28.782  | -04                           | 39                           | 38           | +7  | 41                | 32   | SW        | 1                    | 3                    | WNW    | 4                              | b p c                                | 0.11                              | —                                  |
| Oxford ...                  | 28.782  | -10                           | 39                           | 38           | +10   | 40                | 29   | SW        | 1                    | 3                    | W      | 7                              | c                                    | 0.23                              | —                                  |
| Cambridge ...               | 28.762  | -04                           | 37                           | 36           | +9  | 37                | 28   | S         | 2                    | 2                    | WSW    | 10                             | h s r                                | 0.03                              | —                                  |
| Yarmouth ...                | 28.802  | +15                           | 41                           | 39           | +6  | 43                | 32   | S         | 7                    | 8                    | SSW    | 7                              | r u                                  | 0.04                              | 6                                  |
| *Helder ...                 | 29.01   | +32                           | 39                           | —            | +3  | —                 | —    | S         | 7                    | —                    | —      | —                              | —                                    | —                                 | 2                                  |
| Cape Gris Nez...            | 29.002  | +22                           | 34                           | 34           | -3  | 44                | 34   | SSW       | 7                    | 7                    | WNW    | 10                             | o s                                  | 0.08                              | 4                                  |
| Brest ...                   | 29.092  | +02                           | 46                           | 46           | +3  | 48                | 40   | NW        | 7                    | 7                    | NW     | 10                             | r                                    | 0.12                              | 7                                  |
| L'Orient ...                | 29.142  | +05                           | 48                           | 48           | +7  | 50                | 41   | NW        | 8                    | 8                    | NW     | 10                             | r                                    | 0.12                              | 8                                  |
| Rochefort ...               |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Biarritz ...                | 29.522  | +39                           | 54                           | 49           | +6  | —                 | 44   | SW        | 8                    | 10                   | SW     | 10                             | t o                                  | 0.16                              | 7                                  |
| *Corunna ...                |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| *Brussels ...               | 29.01   | +33                           | 41                           | —            | -3  | —                 | —    | SW        | 3                    | —                    | —      | —                              | o                                    | —                                 | —                                  |
| *Charleville ...            | 29.24   | +44                           | 33                           | —            | -2  | —                 | —    | SE        | 3                    | —                    | —      | —                              | c                                    | —                                 | —                                  |
| Paris ...                   | 29.082  | +32                           | 36                           | 36           | 0   | 41                | 33   | S         | 5                    | 9                    | WNW    | 10                             | s r                                  | 0.08                              | —                                  |
| *Lyons...                   | 29.57   | +34                           | 41                           | —            | -5  | —                 | —    | S         | 6                    | —                    | —      | —                              | o                                    | —                                 | —                                  |
| Toulon ...                  | 29.612  | +31                           | 39                           | 34           | -4  | 48                | 36   | WNW       | 5                    | 9                    | WNW    | 4                              | m f                                  | 0.04                              | 6                                  |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |   |       |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|---|-------|---|---|
| Skudesnaes ...  | 28.87 | +08 | 37 | 35 | +2 | — | — | E   | 4 | — | —   | — | c     | — | 3 |
| Thurso ...      | 28.68 | +11 | 39 | 38 | 0  | — | — | NNW | 2 | 3 | NE  | 7 | c     | — | 3 |
| Scarborough ... | 28.84 | +09 | 36 | 35 | +7 | — | — | WNW | 2 | 2 | WNW | 5 | c     | — | 2 |
| Greencastle ... | 28.99 | +10 | 38 | 37 | +2 | — | — | NNW | 4 | 4 | WSW | 7 | c     | — | — |
| Holyhead ...    | 29.01 | +16 | 40 | 38 | -1 | — | — | WNW | 5 | 5 | WNW | 4 | c     | — | 4 |
| Valencia ...    | 29.16 | +01 | 41 | 40 | +8 | — | — | SE  | 1 | 1 | E   | 8 | r     | — | 6 |
| Scilly ...      | 29.26 | +16 | 44 | 40 | +3 | — | — | WNW | 5 | 5 | WNW | 5 | c     | — | 7 |
| London ...      | 28.99 | +17 | 41 | 38 | +9 | — | — | W   | 3 | 3 | WNW | 9 | b c g | — | — |
| Rochefort ...   |       |     |    |    |    | — | — |     |   |   |     |   |       |   |   |

The recovery of pressure at Valencia appears to have ceased suddenly suddenly, while the wind (which is very light) has shifted to SE with rain & the sea remains high both there and at Scilly. At our other stations light to moderate WNW breezes are reported. The weather seems still very unsettled, and the drums remain up on all our W. coast.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



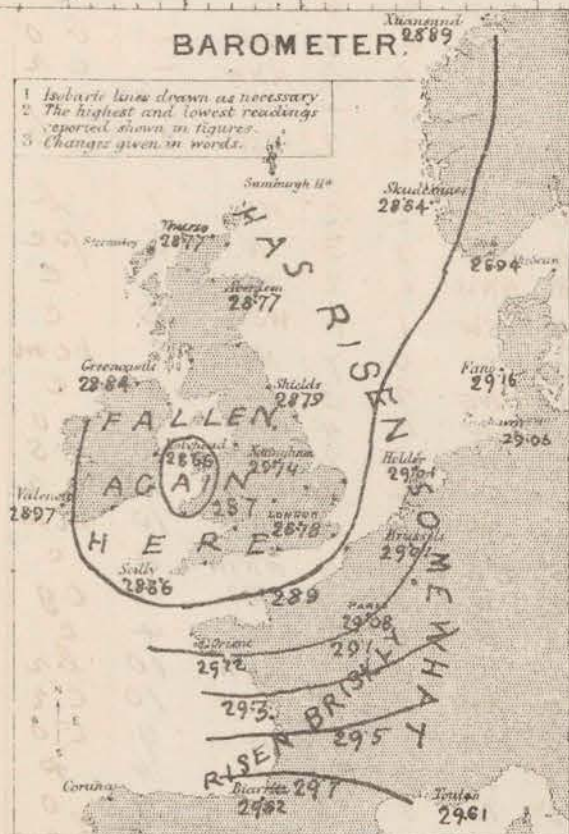
# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 22<sup>ND</sup> JANUARY 1873 AT 8 A.M.

## BAROMETER.

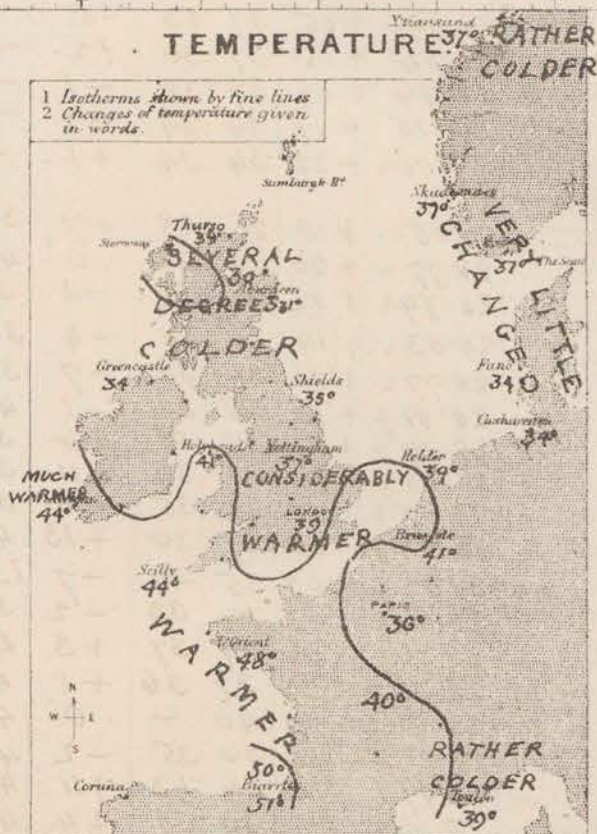
- 1 Isobars lines drawn as necessary
- 2 The highest and lowest readings reported shown in figures
- 3 Changes given in words.



Since yesterday afternoon the barometer has fallen considerably on our western coasts and the change has extended to our eastern stations also during the night. At the same time a considerable rise has taken place in the south of France, a well defined depression lies over Wales and St. George's Channel, and the following are the steepest gradients reported, from Valencia to Roche's Pt. 0.11 in. Barom. to Kelly 0.11 in. and Brussels to London 0.08 in. per 50 miles.

## TEMPERATURE.

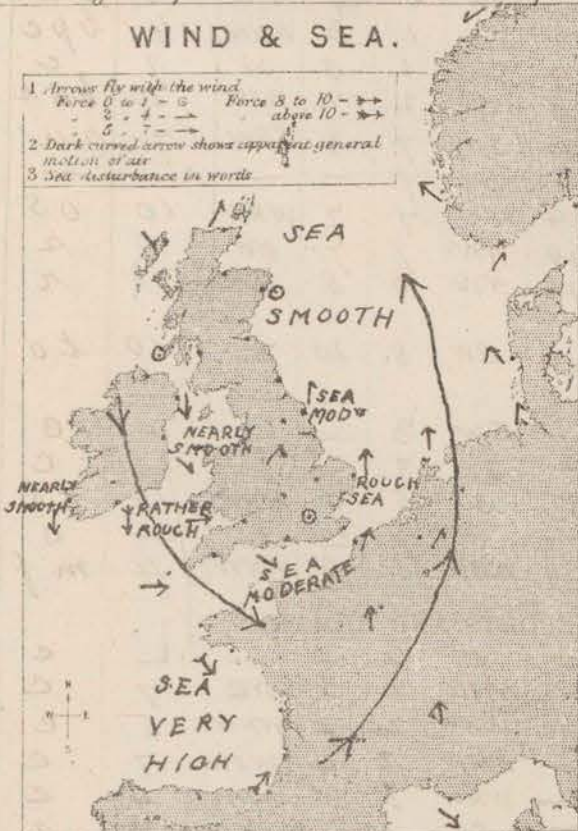
- 1 Isotherms shown by fine lines
- 2 Changes of temperature given in words.



Temperature has risen several degrees in Ireland, England, Holland and the west of France, but fallen in Scotland and the east of France. At the Scotch stations the frost has returned.

## WIND & SEA.

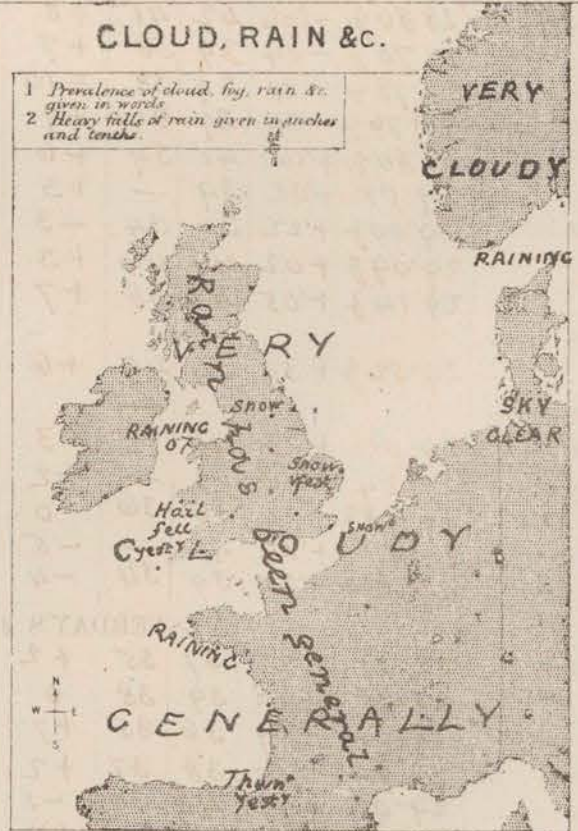
- 1 Arrows fly with the wind. Force 0 to 4 - - - Force 5 to 10 - - - above 10 - - -
- 2 Dark curved arrow shows apparent general motion of air
- 3 Sea disturbance in words



The wind circulate round the depression noticed above being fresh to a gale from N in Ireland and from NW in the west of France moderate from W in the Channel and strong from the S at the south eastern stations. In the north of our Islands variable airs prevail with moderate SE winds in Norway. The sea is high off the west coast of France rough on our south and south west coasts.

## CLOUD, RAIN &c.

- 1 Prevalence of cloud, fog, rain &c. given in words
- 2 Heavy falls of rain given in inches and tenths



Rain has again fallen in most places hail at several stations and snow at Cambridge. The sky is very cloudy generally.

Subscriptions for these Charts payable in advance to order delivery. Delivery by hand 10/- per quarter book post 5/- per quarter.

Meteorological Office  
116, Victoria Str<sup>t</sup>, Westminster, S.W.  
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son, Ltd., London W.C.



Thurs. day 8 a.m.

# WEATHER REPORT.

Jan. 23<sup>rd</sup> 1873.

| STATIONS.                   | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.               |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9 |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|---------------------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                             | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M.<br>Direc. | Extreme.             |                      |        |                                |                                      |                                   |                                    |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. |                     | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Direc. |                                |                                      |                                   |                                    |
| *Christiansund...           | 29.17   | +28                           | 37                           | 33           | 0   | —                 | —    | SE                  | 4                    | 2                    | ESE    | —                              | b                                    | —                                 | 3                                  |
| *Skudesnaes ...             | 29.14   | +30                           | 39                           | 36           | +2  | —                 | —    | SE                  | 8                    | 6                    | SSE    | —                              | ro                                   | —                                 | 7                                  |
| *Oxö (X'tiansand)           | 29.26   | +32                           | 38                           | 36           | +1  | —                 | —    | SE                  | 4                    | 4                    | SSE    | —                              | src                                  | —                                 | 4                                  |
| *Fanö ...                   | 29.26   | +11                           | 34                           | 33           | 0   | —                 | —    | NE                  | 6                    | —                    | —      | —                              | o                                    | —                                 | —                                  |
| Cuxhaven ...                | 29.11r  | +05                           | 36                           | 36           | +2  | —                 | 31   | E                   | 4                    | 3                    | SSW    | 8                              | fon                                  | 0.04                              | —                                  |
| Sumburgh Head               |   |                               |                              |              |   |                   |      |                     |                      |                      |        |                                |                                      |                                   |                                    |
| Stormoway (He-<br>brides.)  | 29.22r  | +37                           | 34                           | 34           | +5  | 38                | 28   | W                   | 2                    | 2                    | NW     | 9                              | bo                                   | 0.14                              | 2                                  |
| Thurso ...                  | 29.14r  | +37                           | 38                           | 37           | -1  | 42                | 35   | NW                  | 3                    | 3                    | NNW    | 7                              | cp                                   | 0.08                              | 2                                  |
| Wick ...                    | 29.18r  | +39                           | 34                           | 33           | +1  | 38                | 31   | WSW                 | 2                    | 2                    | W      | 7                              | c                                    | 0.03                              | 0                                  |
| Nairn ...                   | 29.24r  | +41                           | 33                           | 31           | +3  | 36                | 29   | S                   | 1                    | 1                    | WSW    | 0                              | cb                                   | —                                 | 1                                  |
| Aberdeen ...                | 29.26r  | +49                           | 35                           | 32           | +4  | 38                | 31   | W                   | 1                    | 3                    | NW     | 0                              | bow                                  | 0.01                              | 1                                  |
| Leith ...                   | 29.33r  | +52                           | 33                           | 31           | 0   | 39                | 30   | W                   | 3                    | 3                    | W      | 1                              | cb                                   | —                                 | —                                  |
| Shields ...                 | 29.35r  | +56                           | 32                           | 32           | -3  | 40                | 31   | WNW                 | 2                    | 3                    | NNE    | 3                              | gb                                   | —                                 | 2                                  |
| York ...                    | 29.39r  | +64                           | 30                           | 29           | -3  | 38                | 29   | W                   | 1                    | 3                    | N      | 2                              | pb                                   | 0.17                              | —                                  |
| Scarborough ...             | 29.39r  | +64                           | 33                           | 32           | -2  | 41                | 31   | WNW                 | 2                    | 4                    | ENE    | 2                              | rb                                   | 0.42                              | 2                                  |
| Nottingham ...              | 29.45r  | +71                           | 31                           | 30           | -6  | 43                | 30   | SSW                 | 2                    | 6                    | NW     | 3                              | cnv                                  | 0.05                              | —                                  |
| Ardrossan ...               | 29.37r  | +55                           | 33                           | 31           | -2  | 41                | 33   | ESE                 | 1                    | 6                    | WNW    | 2                              | cg                                   | 0.01                              | 1                                  |
| Greencastle ...             | 29.38r  | +54                           | 35                           | 34           | +1  | 38                | 32   | S                   | 1                    | 3                    | NNW    | 6                              | c                                    | 0.10                              | —                                  |
| Donaghadee ...              | 29.38r  | +62                           | 32                           | 32           | -7  | 42                | 32   | SW                  | 2                    | 6                    | SW     | 2                              | b                                    | —                                 | 2                                  |
| Kingstown ...               | 29.46r  | +75                           | 38                           | 36           | +1  | 42                | 35   | Z                   | 0                    | 7                    | WNW    | 8                              | rmv                                  | 0.08                              | 2                                  |
| Holyhead ...                | 29.42r  | +76                           | 40                           | 39           | -1  | 42                | 39   | W                   | 1                    | 6                    | N      | 3                              | rb                                   | 0.21                              | 1                                  |
| Liverpool (Bidston<br>Obs.) | 29.49r  | +76                           | 39                           | 38           | +3  | 40                | 33   | WNW                 | 2                    | 4                    | WNW    | 8                              | co                                   | 0.05                              | 2                                  |
| Valencia ...                | 29.41f  | +44                           | 41                           | 40           | -3  | 48                | 38   | S                   | 3                    | 6                    | N      | 9                              | pg                                   | 0.09                              | 6                                  |
| Roche's Point ...           | 29.56r  | +77                           | 39                           | 38           | 0   | 45                | 36   | SW                  | 1                    | 8                    | N      | 9                              | co                                   | —                                 | 3                                  |
| Pembroke ...                | 29.51r  | +82                           | 43                           | 41           | 0   | 44                | 38   | WNW                 | 1                    | 7                    | NW     | 3                              | cb                                   | 0.08                              | 3                                  |
| Portishead ...              | 29.53r  | +76                           | 36                           | 35           | -3  | 45                | 33   | WNW                 | 1                    | 5                    | WSW    | 3                              | gb                                   | 0.07                              | 2                                  |
| Scilly ...                  | 29.59r  | +73                           | 45                           | 44           | +1  | 47                | 43   | WSW                 | 4                    | 9                    | NW     | 6                              | gp                                   | 0.05                              | 5                                  |
| Plymouth ...                | 29.54r  | +70                           | 35                           | 35           | -5  | 45                | 34   | NE                  | 1                    | 4                    | NW     | 6                              | pg                                   | 0.14                              | —                                  |
| Portsmouth ...              | 29.54r  | +73                           | 36                           | 35           | -6  | 44                | 39   | NW                  | 3                    | 7                    | SW     | 1                              | cb                                   | —                                 | 2                                  |
| Dover ...                   | 29.45r  | +63?                          | 36                           | 34           | -6  | 46                | 35   | WNW                 | 3                    | 4                    | WNW    | 3                              | cb                                   | 0.14                              | 2                                  |
| London ...                  | 29.48r  | +70                           | 33                           | 31           | -6  | 46                | 29   | WSW                 | 1                    | 6                    | WNW    | 1                              | cgb                                  | 0.01                              | —                                  |
| Oxford ...                  | 29.49r  | +71                           | 33                           | 32           | -6  | 44                | 33   | W                   | 1                    | 3                    | W      | 0                              | cb                                   | 0.02                              | —                                  |
| Cambridge ...               | 29.47r  | +71                           | 35                           | 33           | -2  | 43                | 34   | W                   | 1                    | 3                    | WNW    | 0                              | csb                                  | 0.13                              | —                                  |
| Yarmouth ...                | 29.29r  | +49                           | 34                           | 33           | -7  | 43                | 33   | WNW                 | 4                    | 6                    | SW     | 4                              | rc                                   | 0.17                              | 6                                  |
| *Helder ...                 | 29.18   | +17                           | 41                           | —            | +2  | —                 | —    | NNW                 | 6                    | —                    | —      | —                              | —                                    | —                                 | 4                                  |
| Cape Gris Nez...            | 29.47r  | +47                           | 39                           | 37           | +5  | 46                | 34   | WNW                 | 5                    | 7                    | WSW    | 1                              | rb                                   | 0.24                              | 4                                  |
| Brest ...                   | 29.67r  | +58                           | 48                           | 46           | +2  | 52                | 40   | NW                  | 4                    | 7                    | WNW    | —                              | ro                                   | 0.16                              | 5                                  |
| L'Orient ...                | 29.74r  | +60                           | 46                           | 46           | -2  | 55                | 39   | NW                  | 4                    | 11                   | WNW    | 4                              | rc                                   | 0.12                              | 5                                  |
| Rochefort ...               |   |                               |                              |              |   |                   |      |                     |                      |                      |        |                                |                                      |                                   |                                    |
| Biarritz ...                | 29.91r  | +39                           | 50                           | 46           | -4  | 53                | 45   | W                   | 8                    | 8                    | NW     | 9                              | o                                    | 0.28                              | 6                                  |
| *Corunna ...                |   |                               |                              |              |   |                   |      |                     |                      |                      |        |                                |                                      |                                   |                                    |
| *Brussels ...               | 29.31   | +30                           | 42                           | —            | +1  | —                 | —    | WSW                 | 3                    | —                    | —      | —                              | ro                                   | —                                 | —                                  |
| *Charleville ...            | 29.40   | +16                           | 38                           | —            | +5  | —                 | —    | SW                  | 3                    | —                    | —      | —                              | o                                    | —                                 | —                                  |
| Paris ...                   | 29.56f  | +48                           | 37                           | 35           | +1  | 46                | 36   | W                   | 1                    | 9                    | WSW    | 0                              | rg                                   | 0.12                              | —                                  |
| *Lyons...                   | 29.76   | +19                           | 43                           | —            | +2  | —                 | —    | SW                  | 1                    | —                    | —      | —                              | o                                    | —                                 | —                                  |
| Toulon ...                  | 29.66r  | +05                           | 44                           | 40           | +5  | 53                | 39   | NW                  | 7                    | 5                    | WSW    | 5                              | mf                                   | 0.12                              | 6                                  |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |    |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|----|---|---|
| Skudesnaes ...  | 28.92 | +08 | 39 | 35 | +2 | — | — | ESE | 6 | — | —   | —  | c  | — | 4 |
| Thurso ...      | 28.86 | +09 | 42 | 39 | +3 | — | — | N   | 2 | 2 | NNE | 7  | c  | — | 2 |
| Scarborough ... | 28.73 | -02 | 38 | 38 | +3 | — | — | ENE | 4 | 4 | SE  | 10 | r  | — | 4 |
| Greencastle ... | 29.00 | +16 | 38 | 37 | +4 | — | — | —   | 1 | 1 | —   | 5  | c  | — | — |
| Holyhead ...    | 28.86 | +20 | 42 | 39 | +1 | — | — | W   | 5 | 5 | N   | 6  | c  | — | 4 |
| Valencia ...    | 29.21 | +24 | 46 | 43 | +2 | — | — | N   | 4 | 6 | N   | 4  | c  | — | 6 |
| Scilly ...      | 29.11 | +25 | 45 | 42 | +1 | — | — | NW  | 8 | 8 | NW  | 6  | c  | — | 7 |
| London ...      | 28.77 | -01 | 44 | 41 | +5 | — | — | WSW | 2 | 3 | WSW | 10 | co | — | — |
| Rocheport ...   |       |     |    |    |    |   |   |     |   |   |     |    |    |   |   |

The barometer has fallen slightly at Scarborough and in London since the morning, though London a recovery has now set in. At our W<sup>est</sup> stations it has risen very quickly, and to a less extent in Scotland also. The wind at Scilly and in the W of France increased to a gale from N and the sea has risen at our SW<sup>est</sup> stations. Elsewhere moderate breezes are reported.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. h. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

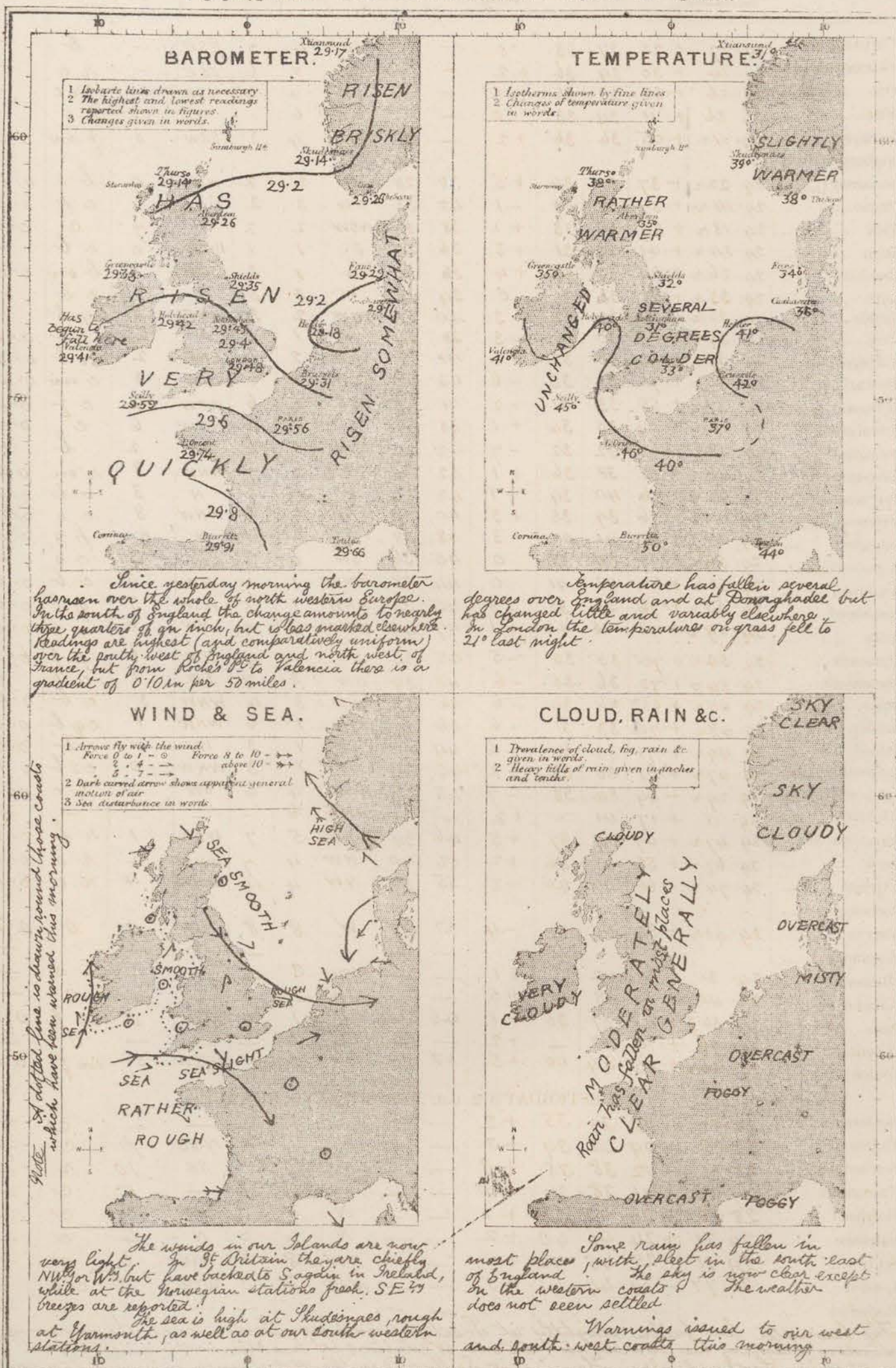
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



# WEATHER CHARTS

## AND REMARKS FOR

### TUURSDAY 23<sup>RD</sup> JANUARY 1873 AT 8 A.M.



Subscription for these Charts payable in advance to order delivery  
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Meteorological Office  
116, Victoria Str. Westminister, S.W.  
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London



Fri day 8 a.m.

# WEATHER REPORT. Jan'y 24<sup>th</sup> 1873

| STATIONS.                | BAROMETER.  |                               | THERMOMETERS.<br>(in shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9 |
|--------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                          | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                                    |
|                          |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                                    |
| *Christiansund...        | 29.42   | +25                           | 39                           | 32           | +2  | —                 | —    | SE        | 4                    | 4                    | SE     | —                              | b c                                  | —                                 | 3                                  |
| *Skudesnaes ...          | 29.57   | +43                           | 35                           | 35           | —4  | —                 | —    | SSE       | 6                    | 6                    | ESE    | —                              | o c                                  | —                                 | 7                                  |
| *Oxö (Xtiansand)         | 29.61   | +35                           | 32                           | 32           | —6  | —                 | —    | NNE       | 4                    | 2                    | E      | —                              | c                                    | —                                 | 3                                  |
| *Fanö ...                | 29.69   | +43                           | 32                           | 31           | —2  | —                 | —    | E         | 3                    | —                    | —      | —                              | —                                    | —                                 | —                                  |
| Guxhaven ...             | 29.62   | +51                           | 36                           | 36           | 0   | —                 | 33   | SSE       | 2                    | 3                    | NE     | 5                              | m c                                  | 0.05                              | —                                  |
| Sumburgh Head            |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Stornoway (Hebrides)     | 29.55   | +33                           | 29                           | 29           | —5  | 36                | 27   | W         | 1                    | 2                    | W      | 1                              | p b                                  | 0.42                              | 2                                  |
| Thurso ...               | 29.50   | +36                           | 35                           | 34           | —3  | 39                | 33   | W         | 2                    | 3                    | WNW    | 5                              | s r c                                | 0.24                              | 2                                  |
| Wick ...                 | 29.53   | +35                           | 33                           | 32           | —1  | 36                | 30   | WSW       | 1                    | 1                    | W      | 6                              | c                                    | 0.16                              | 0                                  |
| Nairn ...                | 29.56   | +32                           | 34                           | 33           | +1  | 39                | 32   | SW        | 1                    | 1                    | S      | 6                              | b c                                  | —                                 | 1                                  |
| Aberdeen ...             | 29.54   | +28                           | 34                           | 33           | —1  | 41                | 32   | SW        | 1                    | 1                    | W      | 4                              | b c m                                | —                                 | 1                                  |
| Leith ...                | 29.58   | +22                           | 37                           | 36           | +4  | 45                | 32   | W         | 2                    | 2                    | SW     | 9                              | b f                                  | —                                 | —                                  |
| Shields ...              | 29.59   | +24                           | 30                           | 30           | —2  | 36                | 29   | W         | 1                    | 3                    | WNW    | 9                              | b m                                  | —                                 | 2                                  |
| York ...                 | 29.58   | +19                           | 28                           | 27           | +2  | 40                | 26   | N         | 1                    | 2                    | WNW    | 9                              | c o                                  | —                                 | —                                  |
| Scarborough ...          | 29.59   | +20                           | 35                           | 34           | —2  | 37                | 31   | WNW       | 1                    | 2                    | SW     | 9                              | b f                                  | —                                 | 2                                  |
| Nottingham ...           | 29.51   | +06                           | 35                           | 35           | —4  | 44                | 31   | N         | 2                    | 2                    | SW     | 10                             | m                                    | 0.02                              | —                                  |
| Ardrossan ...            | 29.59   | +22                           | 38                           | 36           | +5  | 44                | 32   | NW        | 1                    | 2                    | —      | 4                              | c                                    | —                                 | 1                                  |
| Greencastle ...          | 29.64   | +26                           | 33                           | 32           | —2  | 37                | 31   | NNW       | 1                    | 1                    | NNW    | 8                              | o                                    | 0.01                              | —                                  |
| Donaghadee ...           | 29.58   | +20                           | 33                           | 33           | +1  | 42                | 31   | SW        | 2                    | 2                    | SW     | 10                             | o                                    | 0.02                              | 2                                  |
| Kingstown ...            | 29.62   | +16                           | 37                           | 36           | —1  | 45                | 36   | WNW       | 3                    | 4                    | SSE    | 8                              | m                                    | 0.04                              | 4                                  |
| Holyhead ...             | 29.57   | +15                           | 40                           | 38           | 0   | 48                | 38   | NNW       | 2                    | 2                    | W      | 10                             | c m                                  | 0.02                              | 1                                  |
| Liverpool (Bidston Obs.) | 29.62   | +13                           | 32                           | 31           | —7  | 44                | 31   | NE        | 1                    | 3                    | ENE    | 10                             | o                                    | 0.01                              | 2                                  |
| Valencia ...             | 29.73   | +32                           | 44                           | 42           | +3  | 48                | 38   | N         | 4                    | 7                    | NNE    | 4                              | p                                    | 0.46                              | 5                                  |
| Roche's Point ...        | 29.69   | +13                           | 38                           | 36           | —1  | 46                | 36   | N         | 4                    | 6                    | ESE    | 1                              | r b                                  | 0.85                              | 3                                  |
| Pembroke ...             | 29.53   | +02                           | 41                           | 39           | —2  | 46                | 38   | NNE       | 4                    | 8                    | W      | 10                             | r o                                  | 0.38                              | 3                                  |
| Portishead ...           | 29.43   | —10                           | 40                           | 39           | +4  | 45                | 34   | ENE       | 5                    | 6                    | ENE    | 10                             | c g                                  | 0.23                              | 5                                  |
| Scilly ...               | 29.47   | —12                           | 45                           | 44           | 0   | 48                | 43   | N         | 8                    | 8                    | N      | 7                              | o g                                  | 0.36                              | 6                                  |
| Plymouth ...             | 29.38   | —16                           | 41                           | 41           | +6  | 47                | 34   | N         | 4                    | 6                    | S      | 10                             | r f                                  | 0.66                              | —                                  |
| Portsmouth ...           | 29.37   | —17                           | 40                           | 40           | +4  | 46                | 36   | NE        | 4                    | 7                    | WNW    | 9                              | c g o                                | 0.34                              | 3                                  |
| Dover ...                | 29.37   | —08                           | 41                           | 40           | +5  | 45                | 35   | E         | 3                    | 3                    | SW     | 7                              | b g                                  | 0.02                              | 3                                  |
| London ...               | 29.38   | —10                           | 40                           | 39           | +7  | 44                | 33   | ENE       | 2                    | 2                    | WSW    | 10                             | b r g                                | 0.14                              | —                                  |
| Oxford ...               | 29.45   | —04                           | 39                           | 38           | +6  | 43                | 33   | NE        | 2                    | 2                    | NE     | 10                             | o                                    | 0.13                              | —                                  |
| Cambridge ...            | 29.47   | 00                            | 38                           | 37           | +3  | 41                | 33   | NE        | 1                    | 1                    | SW     | 10                             | c r                                  | 0.08                              | —                                  |
| Yarmouth ...             | 29.45   | +16                           | 42                           | 41           | +8  | 42                | 33   | E         | 4                    | 5                    | NW     | 6                              | c                                    | —                                 | 5                                  |
| *Helder ...              | 29.54   | +36                           | 37                           | —            | —4  | —                 | —    | SE        | 2                    | —                    | —      | —                              | —                                    | —                                 | 2                                  |
| Cape Gris Nez...         | 29.35   | —12                           | 39                           | 37           | 0   | 44                | 38   | E         | 3                    | 5                    | NW     | 10                             | c o                                  | 0.04                              | 2                                  |
| Brest ...                | 29.24   | —43                           | 46                           | 46           | —2  | 51                | 44   | N         | 8                    | 9                    | SW     | 10                             | r                                    | 0.65                              | 6                                  |
| L'Orient ...             | 29.15   | —59                           | 46                           | 46           | 0   | 56                | 44   | NNW       | 7                    | 9                    | WSW    | 7                              | r o                                  | 0.32                              | 7                                  |
| Rochefort ...            |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Biarritz ...             | 29.60   | —31                           | 51                           | 46           | +1  | 53                | 45   | W         | 8                    | 8                    | W      | 10                             | o                                    | —                                 | 7                                  |
| *Corunna ...             |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| *Brussels ...            | 29.44   | —13                           | 41                           | —            | —1  | —                 | —    | SW        | 3                    | —                    | —      | —                              | r                                    | —                                 | —                                  |
| *Charleville ...         | 29.49   | +09                           | 35                           | —            | —3  | —                 | —    | E         | 6                    | —                    | —      | —                              | o r                                  | —                                 | —                                  |
| Paris ...                | 29.36   | —20                           | 40                           | 38           | +2  | 46                | 39   | S         | 5                    | 7                    | S      | 7                              | r o                                  | 0.20                              | —                                  |
| *Lyons...                | 29.65   | —11                           | 45                           | —            | +2  | —                 | —    | S         | 6                    | —                    | —      | —                              | o                                    | —                                 | —                                  |
| Toulon...                | 29.64   | —02                           | 42                           | 40           | —2  | 50                | 41   | NE        | 1                    | 7                    | NW     | 8                              | c o                                  | —                                 | 6                                  |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |     |   |   |     |   |   |     |   |     |   |   |
|-----------------|-------|-----|----|----|-----|---|---|-----|---|---|-----|---|-----|---|---|
| Skudesnaes ...  | 29.23 | +09 | 36 | 35 | —2  | — | — | WNW | 3 | 3 | WNW | 8 | d   | — | 3 |
| Thurso ...      | 29.43 | +04 | 36 | 35 | +3  | — | — | W   | 2 | 2 | W   | 1 | b   | — | 2 |
| Scarborough ... | 29.35 | —03 | 37 | 36 | +2  | — | — | WSW | 1 | 1 | WSW | 9 | o   | — | — |
| Greencastle ... | 29.39 | —03 | 45 | 42 | +5  | — | — | S   | 1 | 1 | W   | 5 | c   | — | 1 |
| Holyhead ...    | 29.15 | —26 | 42 | 42 | +1  | — | — | E   | 3 | 3 | S   | 9 | r   | — | 6 |
| Valencia ...    | 29.23 | —36 | 46 | 45 | +1  | — | — | SSW | 6 | 6 | SSW | 9 | r   | — | 6 |
| Scilly ...      | 29.52 | +04 | 43 | 40 | +10 | — | — | WSW | 2 | 2 | W   | 9 | c m | — | — |
| London ...      | 29.33 | —   | 51 | 51 | —   | — | — | SW  | 8 | — | —   | 6 | c   | — | 6 |
| Rochefort ...   |       |     |    |    |     |   |   |     |   |   |     |   |     |   |   |

The barometer has fallen fast on our SW coasts and the fall has extended to London since noon. In the N and NE it has risen somewhat. The wind has backed to SSW at Scilly to SSE at Pembroke and to E at Valencia. At present it is freshening at the two former stations only, but the sea is rough. In the N the wind is still light from W. Drums lowered on our NW coasts, but hoisted in the Channel.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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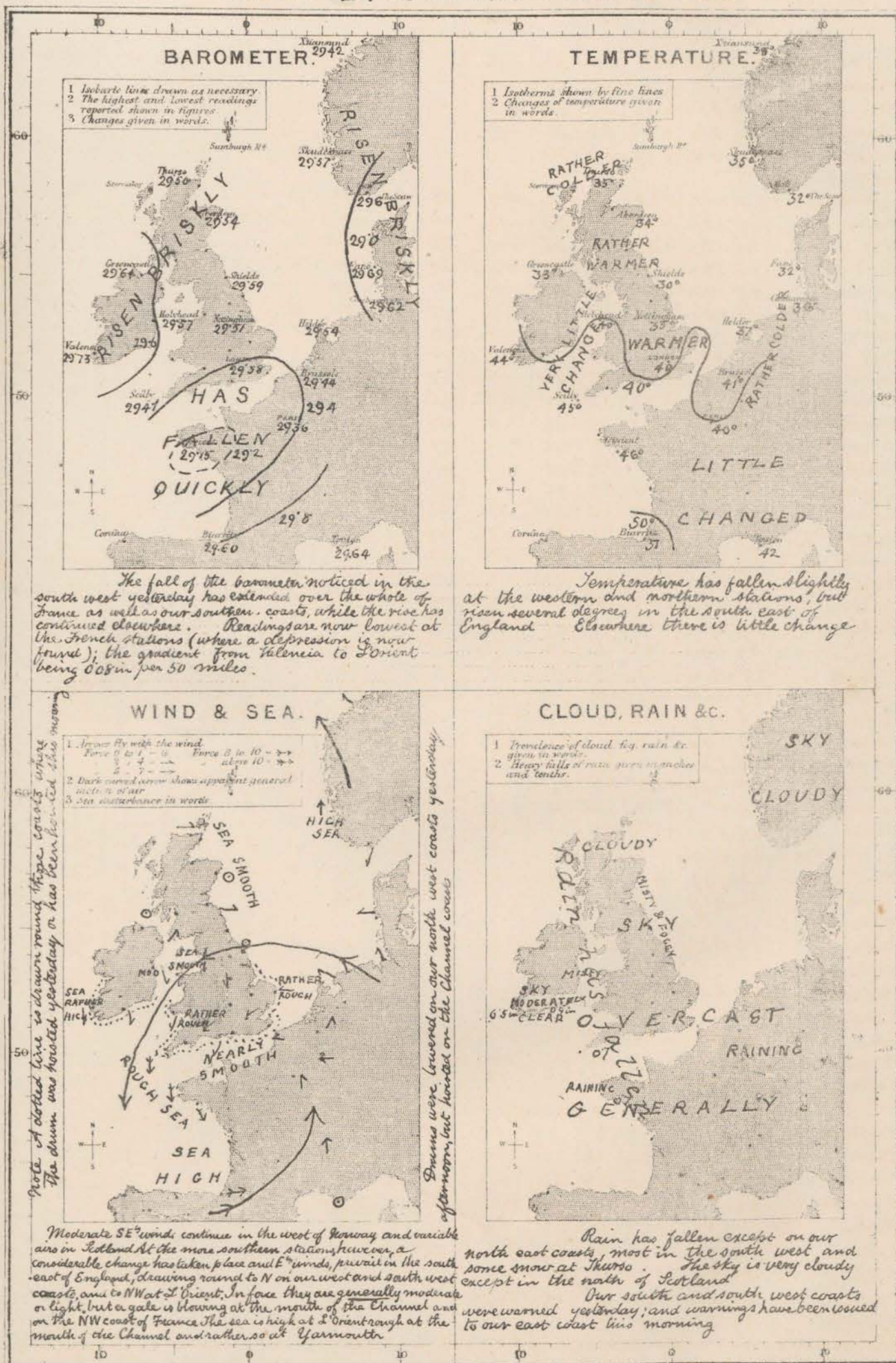
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# WEATHER CHARTS.

AND REMARKS FOR

FRIDAY 24<sup>TH</sup> JANUARY 1873 AT 8 A.M.





Later day 8 a.m.

# WEATHER REPORT.

Jan'y 25<sup>th</sup> 1873

| STATIONS.                   | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 hours. | Sea<br>Disur-<br>ance.<br>0 to 9. |
|-----------------------------|--|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|
|                             | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                                   |
|                             |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                                   |
| *Christiansund...           | 29.75  | +33                           | 34                           | 33           | -5  | —                 | —    | W         | 6                    | 4                    | SW     | —                              | o                                    | —                                 | 5                                 |
| *Skudesnaes ...             | 29.91  | +34                           | 35                           | 34           | 0   | —                 | —    | W         | 2                    | 6                    | ESE    | —                              | orb                                  | —                                 | 3                                 |
| *Oxö (x'tiansand)           | 29.95  | +34                           | 39                           | 36           | +7  | —                 | —    | SW        | 4                    | 2                    | N      | —                              | oc                                   | —                                 | 4                                 |
| *Fanö ...                   | 30.06  | +37                           | 30                           | 30           | -2  | —                 | —    | NE        | 1                    | —                    | —      | —                              | b                                    | —                                 | —                                 |
| Guxhaven ...                | 30.00n   | +38                           | 37                           | 36           | +1  | —                 | 33   | E         | 3                    | 3                    | SE     | 6                              | c                                    | —                                 | —                                 |
| Sumburgh Head               |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                   |
| Stornoway (He-<br>brides.)  | 29.60f   | +10                           | 36                           | 36           | +7  | 37                | 28   | S         | 6                    | 6                    | S      | 9                              | bo                                   | —                                 | 3                                 |
| Thurso ...                  | 29.74n   | +24                           | 35                           | 33           | 0   | 39                | 27   | S         | 3                    | 2                    | SW     | 8                              | bo                                   | 0.03                              | 2                                 |
| Wick ...                    | 29.78n   | +25                           | 37                           | 35           | +4  | 37                | 25   | SSE       | 2                    | 2                    | SE     | 8                              | co                                   | 0.03                              | 1                                 |
| Nairn ...                   | 29.79n   | +23                           | 27                           | 27           | -7  | 37                | 25   | Z         | 0                    | 1                    | SW     | 7                              | bc                                   | —                                 | 1                                 |
| Aberdeen ...                | 29.85n   | +31                           | 29                           | 28           | -5  | 38                | 27   | WSW       | 1                    | 1                    | NW     | 1                              | ban                                  | —                                 | 1                                 |
| Leith ...                   | 29.88n   | +30                           | 29                           | 29           | -8  | 43                | 25   | SSE       | 2                    | 2                    | SSW    | 3                              | cb                                   | —                                 | —                                 |
| Shields ...                 | 29.93n   | +34                           | 31                           | 31           | +1  | 36                | 30   | S         | 1                    | 2                    | NW     | 3                              | ban                                  | 0.01                              | 2                                 |
| York ...                    | 29.95n   | +37                           | 25                           | 25           | -3  | 37                | 24   | NW        | 1                    | 2                    | N      | 10                             | cf                                   | —                                 | —                                 |
| Scarborough ...             | 29.96n   | +37                           | 33                           | 33           | -2  | 38                | 31   | WSW       | 1                    | 1                    | WNW    | 1                              | gb                                   | —                                 | 2                                 |
| Nottingham ...              | 30.00n   | +49                           | 26                           | 25           | -9  | 41                | 24   | Z         | 0                    | 3                    | N      | 10                             | anf                                  | —                                 | —                                 |
| Ardrossan ...               | 29.84n   | +25                           | 31                           | 31           | -7  | 43                | 30   | ENE       | 2                    | 2                    | ENE    | 5                              | cm                                   | —                                 | 2                                 |
| Greencastle ...             | 29.72f   | +08                           | 36                           | 35           | +3  | 37                | 31   | SSE       | 5                    | 5                    | SSE    | 10                             | cg                                   | 0.01                              | —                                 |
| Donaghadee ...              | 29.81n   | +23                           | 36                           | 35           | +3  | 44                | 29   | SSW       | 3                    | 3                    | SSW    | 3                              | h                                    | —                                 | 3                                 |
| Kingstown ...               | 29.85f   | +23                           | 37                           | 36           | 0   | 42                | 34   | SSE       | 1                    | 4                    | WNW    | 9                              | bo                                   | —                                 | 3                                 |
| Holyhead ...                | 29.85n   | +28                           | 39                           | 38           | -1  | 46                | 36   | SSW       | 1                    | 2                    | NW     | 3                              | cm                                   | —                                 | 0                                 |
| Liverpool (Bidston<br>Obs.) | 29.96n   | +34                           | 33                           | 32           | +1  | 42                | 30   | SE        | 2                    | 3                    | SE     | 10                             | cf                                   | —                                 | 1                                 |
| Valencia ...                | 29.63f   | -10                           | 46                           | 45           | +2  | 47                | 36   | S         | 6                    | 9                    | S      | 9                              | ch                                   | 0.12                              | 5                                 |
| Roche's Point ...           | 29.77f   | +08                           | 45                           | 44           | +7  | 45                | 34   | SSW       | 6                    | 6                    | SSW    | 9                              | bo                                   | —                                 | 4                                 |
| Pembroke ...                | 29.91n   | +38                           | 43                           | 41           | +2  | 45                | 39   | S         | 4                    | 4                    | NNW    | 7                              | cn                                   | —                                 | 4                                 |
| Portishead ...              | 29.97n   | +54                           | 27                           | 27           | -13   | 44                | 29   | SE        | 1                    | 5                    | ENE    | 2                              | cf                                   | —                                 | 1                                 |
| Scilly ...                  | 29.92n   | +45                           | 44                           | 42           | -1  | 46                | 40   | SSW       | 4                    | 9                    | N      | 6                              | c                                    | —                                 | 4                                 |
| Plymouth ...                | 29.97n   | +59                           | 33                           | 33           | -8  | 45                | 30   | E         | 1                    | 4                    | N      | 3                              | mg                                   | —                                 | 1                                 |
| Portsmouth ...              | 30.01n   | +64                           | 33                           | 32           | -7  | 42                | 32   | N         | 1                    | 4                    | NE     | 0                              | can                                  | —                                 | 1                                 |
| Dover ...                   | 29.97n   | +60                           | 36                           | 35           | -5  | 42                | 34   | NNW       | 3                    | 4                    | ENE    | 6                              | dq                                   | 0.06                              | 2                                 |
| London ...                  | 29.99n   | +61                           | 28                           | —            | -12   | 44                | 27   | Z         | 0                    | 2                    | NE     | 5                              | dbf                                  | 0.01                              | —                                 |
| Oxford ...                  | 30.01n   | +56                           | 27                           | 27           | -12   | 44                | 27   | Z         | 0                    | 3                    | N      | 10                             | cf                                   | —                                 | —                                 |
| Cambridge ...               | 30.02n   | +55                           | 29                           | 26           | -9  | 44                | 28   | SSE       | 1                    | 2                    | N      | 0                              | b                                    | —                                 | —                                 |
| Yarmouth ...                | 29.94n   | +49                           | 34                           | 33           | -8  | 43                | 32   | NNE       | 2                    | 6                    | NNE    | 7                              | cf                                   | —                                 | 3                                 |
| *Helder ...                 | 29.98  | +44                           | 35                           | —            | -2  | —                 | —    | ENE       | 2                    | —                    | —      | —                              | —                                    | —                                 | 2                                 |
| Cape Gris Nez...            | 29.95n   | +60                           | 39                           | 37           | 0   | 44                | 37   | NE        | 3                    | 4                    | E      | 8                              | to                                   | 0.04                              | 2                                 |
| Brest ...                   | 29.99n   | +75                           | 42                           | 40           | -4  | 49                | 39   | SE        | 1                    | 8                    | N      | 1                              | rb                                   | 0.12                              | 3                                 |
| L'Orient ...                | 30.02n   | +87                           | 39                           | 39           | -7  | 52                | 39   | E         | 1                    | 8                    | NNW    | 2                              | ob                                   | —                                 | 5                                 |
| Rochefort ...               |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                   |
| Biarritz ...                | 30.06n   | +46                           | 48                           | 43           | -3  | 57                | 43   | NW        | 5                    | 11                   | W      | 7                              | n                                    | 0.43                              | 6                                 |
| *Corunna ...                |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                   |
| *Brussels ...               | 29.95  | +51                           | 37                           | —            | -4  | —                 | —    | WSW       | 3                    | —                    | —      | —                              | c                                    | —                                 | —                                 |
| *Charleville ...            | ?29.92   | +43                           | 35                           | —            | 0   | —                 | —    | N         | 3                    | —                    | —      | —                              | o                                    | —                                 | —                                 |
| Paris ...                   | 29.94n   | +58                           | 38                           | 36           | -2  | 48                | 37   | N         | 5                    | 5                    | N      | 10                             | o                                    | —                                 | —                                 |
| *Lyons...                   | 29.92  | +27                           | 46                           | —            | +1  | —                 | —    | NW        | 1                    | —                    | —      | —                              | o                                    | —                                 | —                                 |
| Toulon...                   | 29.62n   | -02                           | 40                           | 38           | -2  | 47                | 39   | N         | 1                    | 7                    | WNW    | 9                              | no                                   | 0.39                              | 6                                 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |     |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|-----|---|---|
| Skudesnaes ...  | 29.65 | +08 | 37 | 36 | +2 | — | — | SSE | 6 | — | —   | —  | o   | — | 4 |
| Thurso ...      | 29.64 | +14 | 37 | 30 | +2 | — | — | WNW | 1 | 2 | WSW | 4  | spc | — | 2 |
| Scarborough ... | 29.67 | +08 | 37 | 36 | +2 | — | — | SSE | 1 | 1 | SSE | 9  | f   | — | 2 |
| Greencastle ... | 29.75 | +11 | 37 | 35 | +4 | — | — | WNW | 1 | 1 | NNW | 2  | h   | — | 1 |
| Holyhead ...    | 29.71 | +14 | 43 | 41 | +3 | — | — | NW  | 2 | 2 | NW  | 6  | c   | — | 1 |
| Valencia ...    | 29.85 | +12 | 45 | 42 | +1 | — | — | N   | 3 | 4 | N   | 3  | p   | — | 1 |
| Scilly ...      | 29.75 | +28 | 46 | 43 | +1 | — | — | SW  | 6 | 8 | SW  | 6  | c   | — | — |
| London ...      | 29.58 | +20 | 44 | 42 | +4 | — | — | NNE | 2 | 2 | ENE | 10 | dq  | — | — |
| Rochefort ...   | 29.82 | +02 | 54 | 49 | +7 | — | — | W   | 4 | — | —   | 5  | c   | — | — |

A most singular change has taken place in the south-west; the depression noticed west of France this morning seems to have filled up suddenly for the mercury has risen nearly 0.5 at Scilly, the N. gale has subsided, and a fresh SW. breeze is reported. On all our other coasts the has risen somewhat, and very light breeze reported.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

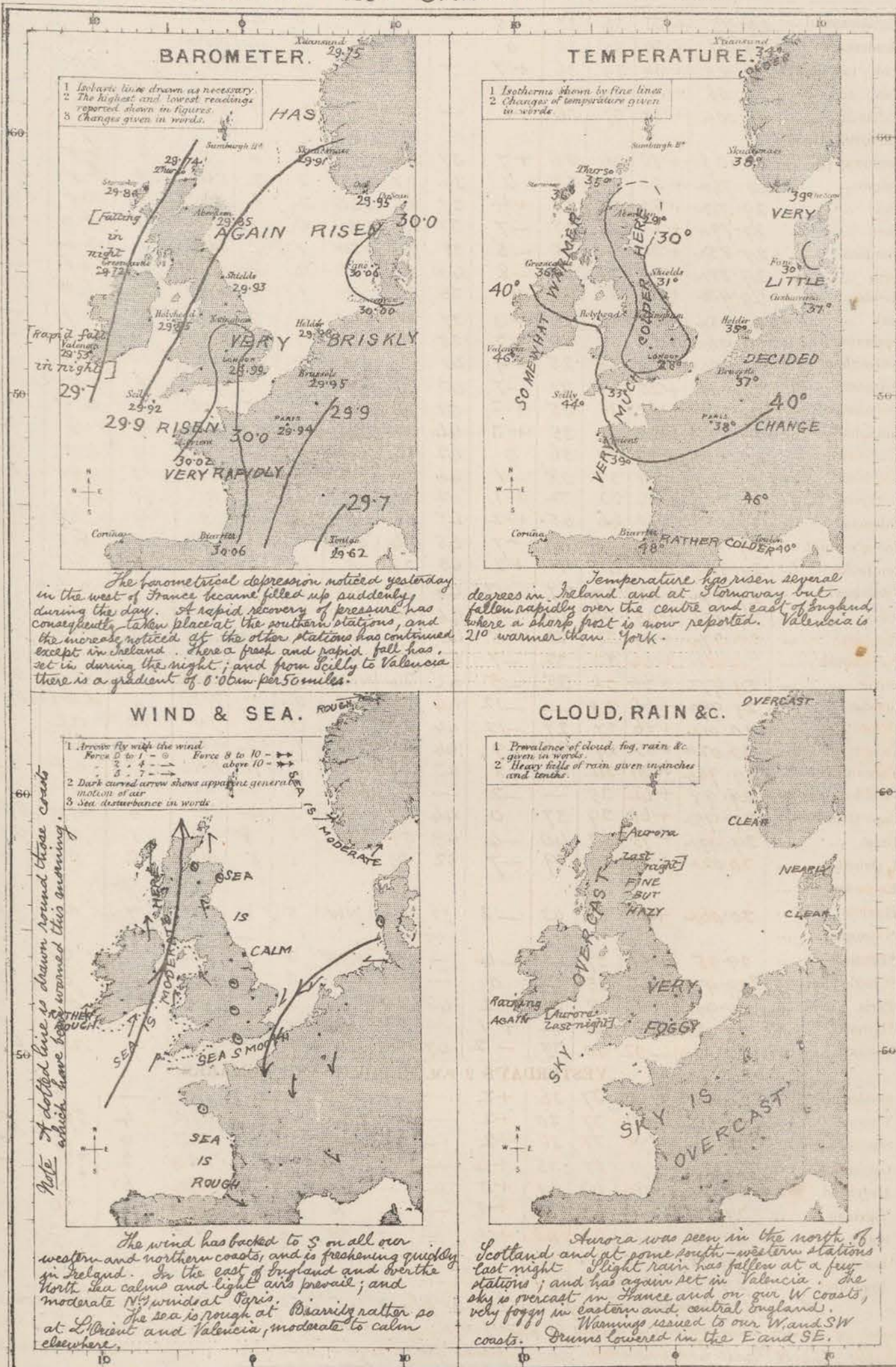
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



# WEATHER CHARTS

AND REMARKS FOR

SATURDAY 25<sup>TH</sup> JANUARY 1873 AT 8 A.M.



Subscriptions for these Charts payable in advance to cover delivery.  
Delivery by hand 10/- per quarter  
book post 3/- per quarter.

Meteorological Office  
116, Victoria Strt. Westminster, S.W.

ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd. London W.C.



Sun-day 8 a.m.

WEATHER REPORT. January 26<sup>th</sup> 1873.

| STATIONS.                   | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In last<br>24 hours. | Sea<br>Disturb-<br>ance<br>0 to 9. |
|-----------------------------|--|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                             | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                                    |
|                             |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                                    |
| *Christiansund...           | 29.86  | +11                           | 42                           | 35           | +8  | —                 | —    | ESE       | 4                    | 4                    | SE     | —                              | b o                                  | —                                 | 3                                  |
| *Skudesnaes ...             | 30.06  | +15                           | 39                           | 37           | +4  | —                 | —    | SE        | 8                    | 6                    | SSE    | —                              | o c                                  | —                                 | 7                                  |
| *Oxö (X'iansand)            | 30.23  | +28                           | 36                           | 33           | -3  | —                 | —    | S         | 6                    | 2                    | SW     | —                              | o c                                  | —                                 | 3                                  |
| *Fanö ...                   | 30.27  | +21                           | 28                           | 28           | -2  | —                 | —    | SE        | 6                    | —                    | —      | —                              | b                                    | —                                 | —                                  |
| Cuxhaven ...                | 30.25  | +25                           | 30                           | 28           | -7  | 39                | —    | SSE       | 5                    | 3                    | SE     | 9                              | o                                    | —                                 | —                                  |
| Sumburgh Head               |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Stornoway (He-<br>brides.)  | 29.30  | -35                           | 45                           | 45           | +9  | 46                | 35   | SSW       | 7                    | —                    | SSW    | 10                             | d                                    | 0.14                              | 6                                  |
| Thurso...                   | 29.39  | -35                           | 40                           | 38           | +5  | 40                | 34   | S         | 4                    | 5                    | SSE    | 8                              | g                                    | 0.05                              | 3                                  |
| Wick ...                    | 29.49  | -29                           | 41                           | 39           | +4  | 40                | 35   | SSE       | 6                    | 6                    | S      | 10                             | o                                    | 0.08                              | 4                                  |
| Nairn ...                   | 29.49  | -30                           | 43                           | 40           | +16   | 43                | 27   | WSW       | 2                    | 6                    | WSW    | 6                              | o c                                  | 0.01                              | 2                                  |
| Aberdeen ...                | 29.60  | -25                           | 40                           | 39           | +11   | 41                | 29   | S         | 8                    | 8                    | S      | 10                             | e r                                  | 0.20                              | 6                                  |
| Leith ...                   | 29.62  | -26                           | 41                           | 40           | +12   | 44                | 28   | SW        | 2                    | 2                    | S      | 7                              | c                                    | —                                 | —                                  |
| Shields...                  | 29.78  | -15                           | 37                           | 36           | +6  | 37                | 31   | S         | 5                    | 7                    | S      | 7                              | c                                    | —                                 | 4                                  |
| York ...                    | 29.84  | -11                           | 34                           | 33           | +9  | 38                | 24   | SSE       | 3                    | 4                    | SSE    | 10                             | o                                    | —                                 | —                                  |
| Scarborough ...             | 29.86  | -10                           | 34                           | 33           | +1  | 37                | 32   | S         | 6                    | 5                    | S      | 7                              | c                                    | —                                 | 5                                  |
| Nottingham ...              | 29.89  | -11                           | 37                           | 35           | +11   | 38                | 26   | SSE       | 5                    | 6                    | SSE    | 10                             | g m                                  | 0.01                              | —                                  |
| Ardrossan ...               | 29.52  | -32                           | 44                           | 42           | +13   | 45                | 31   | SSE       | 6                    | 6                    | SSE    | 8                              | e r                                  | 0.07                              | 5                                  |
| Greencastle ...             | 29.47  | -25                           | 43                           | 43           | +7  | 45                | 35   | S         | 1                    | 7                    | S      | 10                             | p g                                  | 0.22                              | —                                  |
| Donaghadee ...              | 29.48  | -33                           | 46                           | 46           | +10   | 46                | 36   | SSW       | 6                    | 8                    | SSW    | 10                             | r                                    | 0.30                              | 6                                  |
| Kingstown ...               | 29.48  | -37                           | 48                           | 47           | +11   | 49                | 37   | SSE       | 1                    | 8                    | SSW    | 10                             | g m                                  | 0.45                              | 4                                  |
| Holyhead ...                | 29.52  | -33                           | 46                           | 45           | +7  | 45                | 38   | S         | 7                    | 8                    | S      | 10                             | e m                                  | 0.10                              | 5                                  |
| Liverpool (Bidston<br>Obs.) | 29.71  | -25                           | 40                           | 38           | +7  | 40                | 31   | SE        | 5                    | 6                    | SE     | 10                             | c o                                  | —                                 | 3                                  |
| Valencia ...                | 29.49  | -14                           | 47                           | 46           | +1  | 52                | 42   | SSW       | 3                    | 7                    | S      | 5                              | r c                                  | 0.57                              | 4                                  |
| Roche's Point ...           | 29.49  | -18                           | 45                           | 44           | 0   | 49                | 44   | SW        | 2                    | 9                    | SSE    | 10                             | r c                                  | 0.68                              | 4                                  |
| Pembroke ...                | 29.56  | -35                           | 47                           | 47           | +4  | 47                | 43   | SSE       | 7                    | 8                    | SSE    | 10                             | o r                                  | 0.33                              | 7                                  |
| Portishead ...              | 29.74  | -23                           | 43                           | 40           | +16   | 45                | 25   | SE        | 5                    | 6                    | SE     | 7                              | m m                                  | —                                 | 4                                  |
| Scilly ...                  | 29.57  | -35                           | 50                           | 50           | +6  | 50                | 43   | SSW       | 5                    | 10                   | SE     | 10                             | o                                    | 0.70                              | 7                                  |
| Plymouth ...                | 29.69  | -18                           | 47                           | 47           | +14   | 49                | 33   | S         | 6                    | 7                    | S      | 10                             | g f                                  | 0.24                              | —                                  |
| Portsmouth ...              | 29.91  | -10                           | 42                           | 40           | +9  | 43                | 33   | SSW       | 5                    | 5                    | SSW    | 5                              | b c                                  | —                                 | 4                                  |
| Dover ...                   | 30.00  | -03                           | 37                           | 35           | +1  | 41                | 35   | SSE       | 4                    | 2                    | S      | 5                              | b g                                  | —                                 | 4                                  |
| London ...                  | 29.94  | -05                           | 35                           | 34           | +7  | 39                | 34   | SE        | 2                    | 2                    | S      | 4                              | g b c                                | —                                 | —                                  |
| Oxford ...                  | 29.86  | -15                           | 37                           | 36           | +10   | 37                | 27   | SE        | 1                    | 2                    | SE     | 9                              | c o                                  | 0.01                              | —                                  |
| Cambridge ...               | 29.95  | -07                           | 35                           | 33           | +6  | 38                | 28   | SSE       | 1                    | 1                    | SSE    | 10                             | b o                                  | —                                 | —                                  |
| Yarmouth ...                | 29.97  | +03                           | 39                           | 38           | +5  | 41                | 32   | S         | 8                    | 8                    | SSE    | 6                              | g c                                  | —                                 | 6                                  |
| *Helder ...                 |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Cape Gris Nez...            | 29.97  | +02                           | 33                           | 31           | -6  | 43                | 31   | S         | 1                    | 1                    | E      | 10                             | b o                                  | —                                 | 1                                  |
| Brest ...                   | 29.71  | -28                           | 49                           | 47           | +7  | 50                | 42   | S         | 7                    | 7                    | S      | 10                             | r                                    | 0.32                              | 5                                  |
| L'Orient ...                | 29.77  | -25                           | 47                           | 47           | +8  | 51                | 37   | SSW       | 5                    | 5                    | SSW    | 10                             | b f                                  | —                                 | 5                                  |
| Rochefort ...               |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| Biarritz ...                | 29.81  | -25                           | 36                           | 34           | -12   | 49                | 34   | —         | 5                    | 5                    | NW     | 0                              | m b                                  | —                                 | 3                                  |
| *Corunna ...                |  |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                    |
| *Brussels ...               | 30.08  | +13                           | 36                           | —            | -1  | —                 | —    | NE        | —                    | —                    | —      | —                              | b                                    | —                                 | —                                  |
| *Charleville ...            | 30.07  | +15                           | 36                           | —            | +1  | —                 | —    | N         | 3                    | —                    | —      | —                              | b                                    | —                                 | —                                  |
| Paris ...                   | 30.02  | +08                           | 31                           | 31           | -7  | 41                | 29   | E         | 1                    | 5                    | N      | 0                              | o b                                  | —                                 | —                                  |
| *Lyons...                   | 30.06  | +14                           | 41                           | —            | -5  | —                 | —    | NE        | 3                    | —                    | —      | —                              | b                                    | —                                 | —                                  |
| Toulon...                   | 29.86  | +24                           | 42                           | 38           | +2  | 57                | 40   | WSW       | 1                    | 4                    | NW     | 0                              | b                                    | —                                 | 4                                  |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |     |   |   |     |    |    |     |    |     |   |   |
|-----------------|-------|-----|----|----|-----|---|---|-----|----|----|-----|----|-----|---|---|
| Skudesnaes ...  | 29.98 | +07 | 39 | 38 | +5  | — | — | SE  | 4  | —  | —   | —  | —   | — | 2 |
| Thurso...       | 29.62 | -12 | 36 | 34 | +1  | — | — | S   | 3  | 3  | S   | 8  | o   | — | 2 |
| Scarborough ... | 29.95 | -01 | 36 | 35 | +3  | — | — | SSW | 3  | 2  | SW  | 6  | c   | — | 3 |
| Greencastle ... | 29.59 | -13 | 40 | 39 | +4  | — | — | SSE | 6  | 6  | SSE | 10 | r   | — | — |
| Holyhead ...    | 29.68 | -17 | 43 | 41 | +4  | — | — | S   | 3  | 3  | S   | 5  | c   | — | 3 |
| Valencia ...    | 29.44 | -19 | 49 | 49 | +3  | — | — | S   | 7  | 7  | S   | 9  | r   | — | 6 |
| Scilly ...      | 29.80 | -12 | 49 | 47 | +5  | — | — | S   | 16 | 16 | S   | 8  | r   | — | 5 |
| London ...      | 30.02 | +03 | 39 | 37 | +11 | — | — | SSW | 1  | 0  | Z   | 8  | f   | — | — |
| Rochefort ...   | —     | —   | 48 | 46 | —   | — | — | NE  | 9  | —  | —   | 10 | b o | — | 6 |

Pressure continues to decrease fast in the W and N, and the change has extended to London since from  
Irish to strong S winds prevail at the W stations, and light breezes from the same quarter have set in  
at Scarborough & London.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8 p.m.



Sea  
sturb-  
ance  
—  
to 9.



1



and

1

1

Vincent, 117, 25, Day & Son, Luth. London W.C.



Monday 8 a.m.

WEATHER REPORT. Jan'y 27<sup>th</sup> 1873

| STATIONS.                   | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance<br>0 to 9 |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|-----------------------------------|
|                             | At 8 a.m.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 a.m.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 a.m. |                      | Extreme.             |        |                                |                                      |                                   |                                   |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirac. |                                |                                      |                                   |                                   |
| *Christiansund...           | 29.98   | +12                           | 40                           | 39           | -2  | —                 | —    | Z         | 0                    | 0                    | Z      | —                              | 0                                    | —                                 | 3                                 |
| *Skudesnaes ...             | 30.24   | +18                           | 37                           | 35           | -2  | —                 | —    | SE        | 6                    | 6                    | ESE    | —                              | 0                                    | —                                 | 7                                 |
| *Oxö (x'tiansand)           | 30.40   | +17                           | 36                           | 31           | -3  | —                 | —    | SSE       | 4                    | 6                    | SSW    | —                              | 0                                    | —                                 | 3                                 |
| *Fanö ...                   | 30.40   | +13                           | 26                           | 26           | -2  | —                 | —    | SE        | 6                    | —                    | —      | —                              | c                                    | —                                 | —                                 |
| Cuxhaven ...                | 30.35 <sup>2</sup>  | +10                           | 27                           | 21           | -3  | —                 | 25   | SE        | 4                    | 6                    | SE     | 4                              | c b                                  | —                                 | —                                 |
| Sumburgh Head               |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                   |
| Stornoway (He-<br>brides.)  | 29.78 <sup>2</sup>  | +48                           | 44                           | 40           | -1  | 745               | 42   | —         | —                    | 7                    | SSW    | 6                              | c                                    | 0.04                              | 5                                 |
| Thurso ...                  | 29.82 <sup>2</sup>  | +43                           | 37                           | 36           | -3  | 42                | 36   | S         | 1                    | 4                    | SSE    | 6                              | o w                                  | —                                 | 1                                 |
| Wick ...                    | 29.87 <sup>2</sup>  | +38                           | 41                           | 41           | 0   | 42                | 40   | S         | 2                    | 3                    | S      | 8                              | o                                    | —                                 | 2                                 |
| Nairn ...                   | 29.88 <sup>2</sup>  | +39                           | 43                           | 40           | 0   | 44                | 41   | SSW       | 1                    | 2                    | WSW    | 6                              | c                                    | —                                 | 1                                 |
| Aberdeen ...                | 29.95 <sup>2</sup>  | +35                           | 41                           | 40           | +1  | 41                | 40   | S         | 1                    | 8                    | S      | 10                             | 2 m                                  | 0.31                              | 2                                 |
| Leith ...                   | 29.97 <sup>2</sup>  | —                             | 42                           | 41           | —   | 46                | 41   | NE        | 1                    | 5                    | SW     | 7                              | o c                                  | —                                 | —                                 |
| Shields ...                 | 30.06 <sup>2</sup>  | +28                           | 36                           | 36           | -1  | 38                | 36   | S         | 3                    | 5                    | S      | 9                              | c m                                  | 0.04                              | 3                                 |
| York ...                    | 30.08 <sup>2</sup>  | +24                           | 32                           | 32           | -2  | 36                | 31   | SSE       | 1                    | 3                    | SSE    | 10                             | o f                                  | 0.09                              | —                                 |
| Scarborough ...             | 30.08 <sup>2</sup>  | +22                           | 33                           | 32           | -1  | 37                | 32   | W         | 2                    | 5                    | S      | 6                              | c                                    | —                                 | 3                                 |
| Nottingham ...              | —   | —                             | 34                           | 33           | -3  | 41                | 34   | SE        | 1                    | 5                    | SE     | 10                             | g m                                  | —                                 | —                                 |
| Ardrossan ...               | 29.94 <sup>2</sup>  | +42                           | 42                           | 41           | -2  | 46                | 42   | SSE       | 4                    | 6                    | SSE    | 8                              | o d                                  | 0.07                              | 4                                 |
| Greencastle ...             | 29.86 <sup>2</sup>  | +39                           | 43                           | 42           | 0   | 45                | 41   | S         | 3                    | 3                    | S      | 10                             | o g                                  | —                                 | —                                 |
| Donaghadee ...              | 29.89 <sup>2</sup>  | +41                           | 46                           | 45           | -1  | 47                | 44   | SSW       | 5                    | 6                    | SSW    | 5                              | o c                                  | 0.05                              | 4                                 |
| Kingstown ...               | 29.92 <sup>2</sup>  | +44                           | 44                           | 43           | -4  | 50                | 43   | SSE       | 1                    | 3                    | SSE    | 10                             | m o                                  | 0.01                              | 3                                 |
| Holyhead ...                | 29.92 <sup>2</sup>  | +40                           | 44                           | 43           | -2  | 50                | 44   | S         | 1                    | 7                    | S      | 10                             | 2 m                                  | 0.07                              | 1                                 |
| Liverpool (Bidston<br>Obs.) | 30.03 <sup>2</sup>  | +32                           | 38                           | 37           | -2  | 42                | 38   | SE        | 3                    | 5                    | SE     | 10                             | o f                                  | 0.24                              | 2                                 |
| Valencia ...                | 29.84 <sup>2</sup>  | +35                           | 44                           | 42           | -3  | 50                | 41   | SSW       | 3                    | 3                    | SSW    | 4                              | c                                    | 0.01                              | 3                                 |
| Roche's Point ...           | 29.87 <sup>2</sup>  | +38                           | 43                           | 42           | -2  | 49                | 40   | SSW       | 3                    | 4                    | SW     | 3                              | c b                                  | —                                 | 3                                 |
| Pembroke ...                | 29.93 <sup>2</sup>  | +37                           | 44                           | 40           | -3  | 48                | 44   | SE        | 4                    | 7                    | SSE    | 10                             | m o                                  | 0.31                              | 4                                 |
| Portishead ...              | 30.03 <sup>2</sup>  | +29                           | 38                           | 37           | -5  | 45                | 36   | SE        | 2                    | 5                    | SSW    | 7                              | c m                                  | 0.10                              | 2                                 |
| Scilly ...                  | 29.90 <sup>2</sup>  | +33                           | 47                           | 46           | -3  | 50                | 45   | Z         | 0                    | 5                    | SSW    | 10                             | o f                                  | 0.01                              | 4                                 |
| Plymouth ...                | 29.96 <sup>2</sup>  | +27                           | 43                           | 43           | -4  | 48                | 42   | SE        | 3                    | 6                    | S      | 10                             | g m                                  | ?                                 | 1                                 |
| Portsmouth ...              | 30.07 <sup>2</sup>  | +16                           | 36                           | 36           | -6  | 44                | 34   | ESE       | 1                    | 6                    | SSE    | 6                              | c m                                  | —                                 | —                                 |
| Dover ...                   | 30.11 <sup>2</sup>  | +11                           | 36                           | 35           | -1  | 41                | 36   | SE        | 3                    | 4                    | SSE    | 3                              | b                                    | —                                 | 2                                 |
| London ...                  | 30.09 <sup>2</sup>  | +15                           | 30                           | —            | -5  | 42                | 27   | SE        | 1                    | 4                    | SE     | 8                              | c b f                                | —                                 | —                                 |
| Oxford ...                  | 30.09 <sup>2</sup>  | +23                           | 35                           | 33           | -2  | 42                | 29   | SE        | 1                    | 3                    | SE     | 10                             | c o                                  | —                                 | —                                 |
| Cambridge ...               | 30.12 <sup>2</sup>  | +17                           | 32                           | 32           | -3  | 39                | 29   | SSE       | 1                    | 1                    | SSE    | 1                              | b                                    | —                                 | —                                 |
| Yarmouth ...                | 30.09 <sup>2</sup>  | +12                           | 39                           | 37           | 0   | 42                | 37   | SSE       | 6                    | 8                    | SSE    | 5                              | c                                    | —                                 | 5                                 |
| *Helder ...                 | 30.21   | —                             | 132                          | —            | —   | —                 | —    | ?SSE      | 7                    | —                    | —      | —                              | —                                    | —                                 | 2                                 |
| Cape Gris Nez...            | 30.11 <sup>2</sup>  | +14                           | —                            | —            | —   | 42                | —    | E         | 1                    | 1                    | S      | 1                              | b                                    | —                                 | 1                                 |
| Brest ...                   | 29.93 <sup>2</sup>  | +22                           | 42                           | 40           | -7  | 49                | 39   | SE        | 3                    | 7                    | —      | 10                             | 2 f                                  | 0.83                              | 5                                 |
| L Orient ...                | 29.93 <sup>2</sup>  | +16                           | 34                           | 34           | -13   | 52                | 33   | E         | 4                    | 4                    | SE     | 9                              | 2 f                                  | 0.04                              | 4                                 |
| Rochefort ...               |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                   |
| Biarritz ...                | 29.79 <sup>2</sup>  | -02                           | 43                           | 39           | +7  | 50                | 36   | E         | 3                    | 5                    | SE     | 7                              | c o                                  | —                                 | 3                                 |
| *Corunna ...                |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                   |
| *Brussels ...               | 30.16   | +08                           | 32                           | —            | -4  | —                 | —    | WSW       | 1                    | —                    | —      | —                              | b                                    | —                                 | —                                 |
| *Charleville ...            | 30.15   | +08                           | 31                           | —            | -5  | —                 | —    | E         | 3                    | —                    | —      | —                              | o                                    | —                                 | —                                 |
| Paris ...                   |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                   |
| *Lyons...                   | 30.08   | +02                           | 37                           | —            | -4  | —                 | —    | E         | 1                    | —                    | —      | —                              | b                                    | —                                 | —                                 |
| Toulon ...                  | 29.87 <sup>2</sup>  | +01                           | 43                           | 39           | +1  | 52                | 41   | ENE       | 4                    | 3                    | SW     | 6                              | b c                                  | —                                 | 4                                 |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |   |   |   |    |   |   |   |   |   |   |   |
|-----------------|-------|-----|----|----|---|---|---|----|---|---|---|---|---|---|---|
| Skudesnaes ...  | 30.09 | +03 | 39 | 36 | 0 | — | — | SE | 8 | — | — | — | c | — | 7 |
| Thurso ...      |       |     |    |    |   | — | — |    |   |   |   |   |   |   |   |
| Scarborough ... |       |     |    |    |   | — | — |    |   |   |   |   |   |   |   |
| Greencastle ... |       |     |    |    |   | — | — |    |   |   |   |   |   |   |   |
| Holyhead ...    |       |     |    |    |   | — | — |    |   |   |   |   |   |   |   |
| Valencia ...    |       |     |    |    |   | — | — |    |   |   |   |   |   |   |   |
| Scilly ...      |       |     |    |    |   | — | — |    |   |   |   |   |   |   |   |
| London ...      |       |     |    |    |   | — | — |    |   |   |   |   |   |   |   |
| Rochefort ...   |       |     |    |    |   | — | — |    |   |   |   |   |   |   |   |

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is the strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hazy; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparent.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

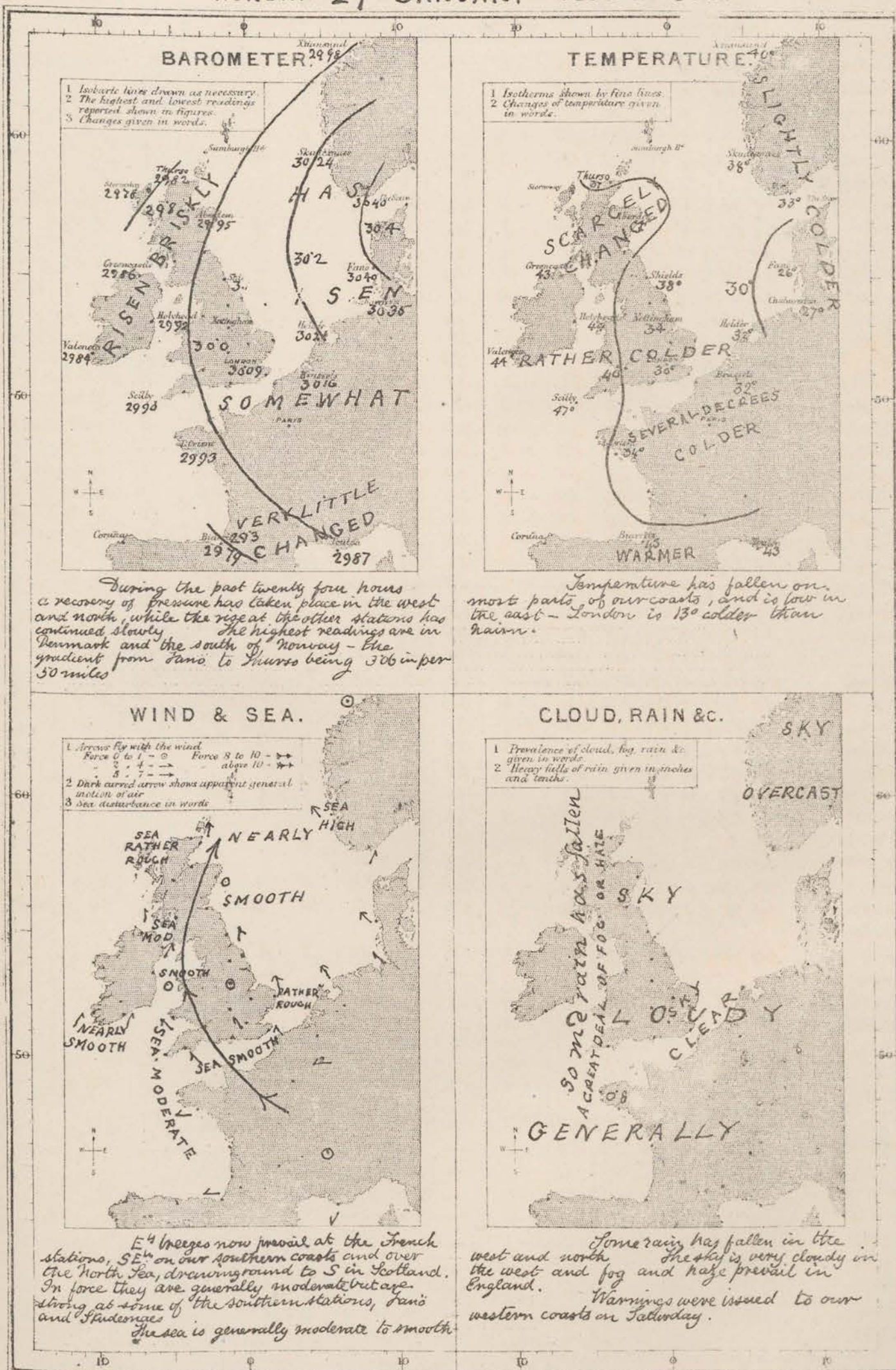
The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



# WEATHER CHARTS

AND REMARKS FOR

MONDAY 27<sup>TH</sup> JANUARY 1873 AT 8 A.M.





Tuesday 8 a.m.

WEATHER REPORT. January 28<sup>th</sup> 1873

| STATIONS.                   | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9 |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------------|
|                             | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |      |                                |                                      |                                   |                                    |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dir. |                                |                                      |                                   |                                    |
| *Christiansund...           | 30.26   | +28                           | 38                           | 36           | -2  | —                 | —    | ESE       | 2                    | 0                    | Z    | —                              | 0                                    | —                                 | 3                                  |
| *Skudesnaes ...             | 30.35   | +11                           | 36                           | 35           | -1  | —                 | —    | ESE       | 6                    | 6                    | SE   | —                              | 0                                    | —                                 | 4                                  |
| *Oxö (X'tiansand)           | 30.43   | +03                           | 32                           | 31           | -1  | —                 | —    | ENE       | 2                    | 2                    | SSE  | —                              | 0 b                                  | —                                 | 3                                  |
| *Fanö ...                   | 30.44   | +04                           | 30                           | 29           | +4  | —                 | —    | E         | 6                    | —                    | —    | —                              | c                                    | —                                 | —                                  |
| Cuxhaven ...                | 30.30 f   | -05                           | 31                           | 29           | +4  | —                 | 25   | E         | 6                    | 4                    | ESE  | 2                              | b                                    | —                                 | —                                  |
| Sumburgh Head               |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                                    |
| Stornoway (He-<br>brides)   | 29.74 f   | -04                           | 41                           | 41           | -3  | 46                | 40   | SSW       | 7                    | 7                    | SSW  | 6                              | c                                    | 0.01                              | 5                                  |
| Thurso ...                  | 29.83 f   | +01                           | 37                           | 35           | 0   | 44                | 36   | S         | 4                    | 3                    | SSW  | 5                              | b c                                  | —                                 | 2                                  |
| Wick ...                    | 29.89 f   | +02                           | 37                           | 33           | -4  | 46                | 36   | S         | 5                    | 5                    | S    | 3                              | b                                    | —                                 | 2                                  |
| Nairn ...                   | 29.88 f   | 00                            | 35                           | 32           | -8  | 46                | 34   | Z         | 0                    | 1                    | SSW  | 0                              | b                                    | —                                 | 1                                  |
| Aberdeen ...                | 30.00 f   | +05                           | 37                           | 35           | -4  | 43                | 37   | S         | 7                    | 7                    | S    | 4                              | o c                                  | —                                 | 4                                  |
| Leith ...                   | 29.99 f   | +02                           | 33                           | 32           | -9  | 46                | 31   | SW        | 2                    | 2                    | SW   | 1                              | c b                                  | 0.02                              | —                                  |
| Shields ...                 | 30.08 f   | +02                           | 33                           | 32           | -3  | 87                | 33   | SSE       | 3                    | 3                    | SSW  | 3                              | b                                    | —                                 | 2                                  |
| York ...                    | 30.10 f   | +02                           | 31                           | 30           | +1  | 39                | 31   | SSE       | 1                    | 2                    | SSE  | 7                              | c f                                  | —                                 | —                                  |
| Scarborough ...             | 30.10 f   | +02                           | 33                           | 31           | 0   | 39                | 32   | SSE       | 2                    | 3                    | SW   | 4                              | c                                    | —                                 | 3                                  |
| Nottingham ...              | 30.10 f   | —                             | 28                           | 27           | -6  | 42                | 27   | SE        | 1                    | 3                    | SE   | 0                              | c m                                  | —                                 | —                                  |
| Ardrossan ...               | 29.97 f   | +03                           | 36                           | 33           | -6  | 46                | 33   | SSE       | 4                    | 6                    | SSE  | 7                              | c                                    | 0.02                              | 3                                  |
| Greencastle ...             | 29.77 f   | -09                           | 41                           | 39           | -2  | 44                | 40   | SE        | 7                    | 7                    | SE   | 10                             | c g                                  | —                                 | —                                  |
| Donaghadee ...              | 29.88 f   | -01                           | 46                           | 38           | -5  | 46                | 40   | S         | 6                    | 7                    | S    | 9                              | c o                                  | —                                 | 5                                  |
| Kingstown ...               | 29.89 f   | -03                           | 43                           | 41           | -1  | 47                | 41   | SSE       | —                    | 1                    | SSE  | 10                             | m o                                  | —                                 | 5                                  |
| Holyhead ...                | 29.91 f   | -01                           | 36                           | 34           | -8  | 48                | 35   | SSE       | 2                    | 2                    | S    | 2                              | m b                                  | —                                 | 1                                  |
| Liverpool (Bidston<br>Obs.) | 30.02 f   | -01                           | 33                           | 30           | -5  | 40                | 32   | SE        | 4                    | 6                    | SE   | 8                              | o                                    | —                                 | 2                                  |
| Valencia ...                | 29.60 f   | -24                           | 47                           | 46           | +3  | 50                | 43   | SSW       | 6                    | 6                    | SSW  | 8                              | c r                                  | 0.48                              | 6                                  |
| Roche's Point ...           | 29.71 f   | -16                           | 46                           | 46           | +3  | 49                | 41   | SSW       | 6                    | 6                    | S    | 9                              | c r                                  | 0.20                              | 4                                  |
| Pembroke ...                | 29.89 f   | -04                           | 41                           | 39           | -3  | 45                | 39   | SE        | 6                    | 7                    | ESE  | 8                              | c o                                  | —                                 | 5                                  |
| Portishead ...              | 30.01 f   | -02                           | 36                           | 34           | -2  | 43                | 34   | SSE       | 3                    | 3                    | E    | 9                              | c g                                  | —                                 | 2                                  |
| Scilly ...                  | 29.83 f   | -07                           | 45                           | 44           | -2  | 49                | 44   | ESE       | 5                    | 5                    | ESE  | 9                              | o                                    | —                                 | 5                                  |
| Plymouth ...                | 29.94 f   | -02                           | 39                           | 38           | -4  | 47                | 38   | SE        | 4                    | 4                    | SE   | 10                             | c o                                  | —                                 | —                                  |
| Portsmouth ...              | 30.03 f   | -04                           | 34                           | 33           | -2  | 43                | 33   | E         | 3                    | 5                    | E    | 4                              | c                                    | —                                 | 3                                  |
| Dover ...                   | 30.08 f   | -03                           | 33                           | 32           | -3  | 39                | 33   | ESE       | 4                    | 4                    | E    | 2                              | b                                    | —                                 | 3                                  |
| London ...                  | 30.07 f   | -02                           | 28                           | 27           | -2  | 40                | 27   | Z         | 0                    | 2                    | ESE  | 2                              | f b                                  | —                                 | —                                  |
| Oxford ...                  | 30.06 f   | -03                           | 30                           | 28           | -5  | 38                | 30   | E         | 1                    | 4                    | SE   | 0                              | c b                                  | —                                 | —                                  |
| Cambridge ...               | 30.10 f   | -02                           | 28                           | 27           | -4  | 40                | 26   | ENE       | 1                    | 1                    | SE   | 1                              | b                                    | —                                 | —                                  |
| Yarmouth ...                | 30.09 f   | 00?                           | 36                           | 34           | -3  | 40                | 34   | ESE       | 29                   | 10                   | SE   | 4                              | c                                    | —                                 | 7                                  |
| *Helder ...                 | 30.22   | +01                           | 31                           | —            | -1  | —                 | —    | ENE       | 6                    | —                    | —    | —                              | —                                    | —                                 | 2                                  |
| Cape Gris Nez...            | 30.09 f   | -02                           | 26                           | 26           | —   | 34                | 26   | SE        | 1                    | 1                    | E    | 0                              | b                                    | —                                 | 1                                  |
| Brest ...                   | 29.88 f   | -05                           | 36                           | 34           | -6  | 46                | 34   | ESE       | 3                    | 3                    | SE   | 1                              | f b                                  | —                                 | 1                                  |
| L'Orient ...                | 29.92 f   | -01                           | 33                           | 33           | -1  | 49                | 32   | —         | 3                    | 4                    | E    | 10                             | c f                                  | —                                 | 4                                  |
| Rochefort ...               |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                                    |
| Biarritz ...                | 29.88 f   | +09                           | 51                           | 46           | +8  | 52                | 43   | SW        | 5                    | 3                    | S    | 8                              | f m                                  | —                                 | 5                                  |
| *Corunna ...                |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                                    |
| *Brussels ...               | 30.11   | -05                           | 29                           | —            | -3  | —                 | —    | NE        | 4                    | —                    | —    | —                              | b                                    | —                                 | —                                  |
| *Charleville ...            | 30.07   | -08                           | 26                           | —            | -5  | —                 | —    | NE        | 3                    | —                    | —    | —                              | b                                    | —                                 | —                                  |
| Paris ...                   | 29.99 f   | —                             | 28                           | 26           | —   | 39                | 28   | NE        | 1                    | 5                    | E    | 1                              | o b                                  | —                                 | —                                  |
| *Lyons...                   | 29.92   | -16                           | 37                           | —            | 0   | —                 | —    | SE        | 1                    | —                    | —    | —                              | o                                    | —                                 | —                                  |
| Toulon ...                  | 29.86 f   | -01                           | 41                           | 37           | -2  | 53                | 41   | ENE       | 4                    | 1                    | N    | 6                              | b c                                  | —                                 | 2                                  |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |   |     |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|---|-----|---|---|
| Skudesnaes ...  | 29.31 | +07 | 36 | 33 | -1 | — | — | SE  | 6 | — | —   | — | c   | — | 4 |
| Thurso ...      | 29.86 | +04 | 44 | 42 | +7 | — | — | SSW | 2 | 2 | SSW | 3 | c   | — | — |
| Scarborough ... | 30.11 | +03 | 37 | 35 | +4 | — | — | SSW | 3 | 3 | SSW | 4 | c   | — | 4 |
| Greencastle ... | 29.90 | +04 | 43 | 42 | 0  | — | — | SE  | 4 | 4 | SE  | 2 | b   | — | — |
| Holyhead ...    | 29.97 | +05 | 46 | 43 | +2 | — | — | S   | 2 | 2 | S   | 6 | m   | — | 1 |
| Valencia ...    | 29.81 | -03 | 48 | 45 | +4 | — | — | SSW | 4 | 4 | SSW | 4 | c   | — | 4 |
| Scilly ...      | 29.92 | +02 | 47 | 47 | 0  | — | — | ESE | 5 | 5 | ESE | 9 | o   | — | 6 |
| London ...      | 30.13 | +04 | 39 | 37 | +9 | — | — | ESE | 2 | 2 | ESE | 7 | c m | — | — |
| Rochefort ...   |       |     |    |    |    |   |   |     |   |   |     |   |     |   |   |

Pressure has begun to decrease again at Valencia but has again increased slightly elsewhere.  
The winds are scarcely changed except that a rather fresh ESE breeze has sprung up at Scilly.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND** is strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hazy; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparent; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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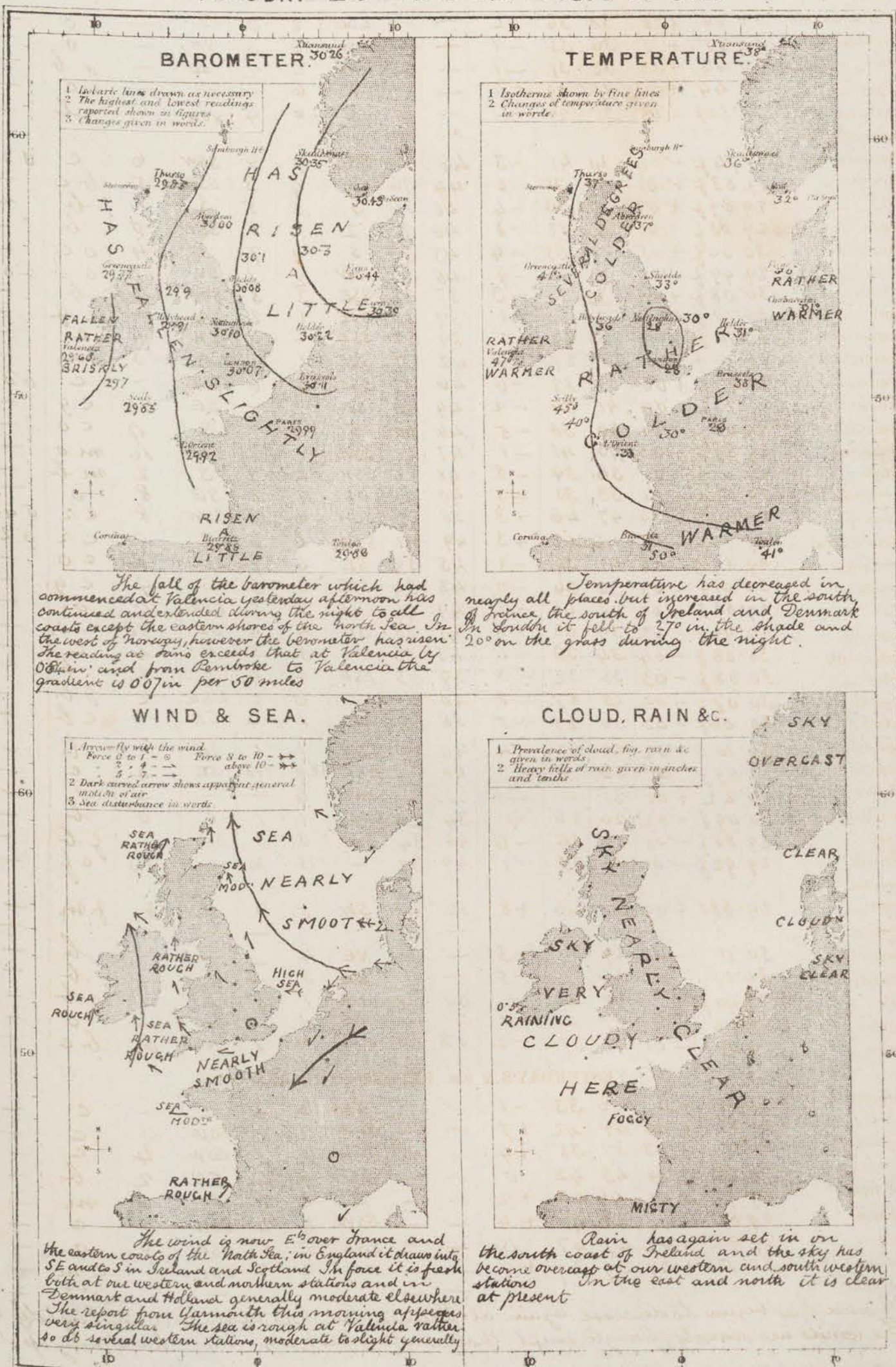
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8



# WEATHER CHARTS

## AND REMARKS FOR

### TUESDAY 28<sup>TH</sup> JANUARY 1873 AT 8 A.M.



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Meteorological Office  
116, Victoria St., Westminster S.W.  
ROBERT H. SCOTT, Director.

Vincent Brooks Day & Son Ltd., London W.



Wednes-day 8 a.m.

# WEATHER REPORT. Jan'y 29<sup>th</sup> 1873

| STATIONS.                   | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Dis-<br>tance<br>0 to 10 |
|-----------------------------|--|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|---------------------------------|
|                             | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |      |                                |                                      |                                   |                                 |
|                             |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dir. |                                |                                      |                                   |                                 |
| *Christiansund...           | 30.33  | +07                           | 28                           | 28           | -10   | —                 | —    | Z         | 0                    | —                    | —    | —                              | b                                    | —                                 | —                               |
| *Skudesnaes ...             | 30.36  | +01                           | 33                           | 30           | -3  | —                 | —    | ESE       | 4                    | 4                    | ESE  | —                              | c                                    | —                                 | 4                               |
| *Oxö (X'Hansand)            | 30.38  | -05                           | 32                           | 30           | 0   | —                 | —    | ENE       | 4                    | 6                    | SE   | —                              | o                                    | —                                 | 3                               |
| *Fanö ...                   | 30.32  | -12                           | 30                           | —            | 0   | —                 | —    | —         | —                    | —                    | —    | —                              | o                                    | —                                 | —                               |
| Cuxhaven ...                | 30.218   | -09                           | 29                           | 25           | -2  | —                 | 25   | E         | 5                    | 6                    | E    | 8                              | co                                   | —                                 | —                               |
| Sumburgh Head               |  |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                                 |
| Stornoway (He-<br>brides.)  | 30.03n   | +29                           | 36                           | 36           | -5  | 45                | 35   | W         | 1                    | 8                    | SSW  | 2                              | gb                                   | 0.02                              | 3                               |
| Thurso ...                  | 30.05n   | +22                           | 36                           | 34           | -1  | 38                | 34   | SSE       | 1                    | 6                    | S    | 8                              | gbo                                  | —                                 | 1                               |
| Wick ...                    | 30.11n   | +22                           | 38                           | 35           | +1  | 40                | 35   | SSE       | 2                    | 6                    | SSE  | 10                             | co                                   | —                                 | 2                               |
| Nairn ...                   | 30.08n   | +20                           | 35                           | 34           | 0   | 41                | 33   | SSE       | 1                    | 3                    | SSE  | 10                             | com                                  | —                                 | 1                               |
| Aberdeen ...                | 30.12n   | +12                           | 33                           | 31           | -4  | 40                | 31   | Z         | 0                    | 7                    | S    | 9                              | co                                   | —                                 | 2                               |
| Leith ...                   | 30.13n   | +14                           | 25                           | 25           | -8  | 43                | 24   | S         | 1                    | 2                    | S    | 1                              | b                                    | —                                 | —                               |
| Shields ...                 | 30.11n   | +03                           | 34                           | 33           | +1  | 37                | 33   | NW        | 1                    | 5                    | S    | 9                              | ben                                  | —                                 | 4                               |
| York ...                    | 30.118   | +01                           | 33                           | 32           | +2  | 38                | 31   | E         | 1                    | 2                    | SSE  | 10                             | cg                                   | —                                 | —                               |
| Scarborough ...             | 30.109   | .00                           | 35                           | 33           | +2  | 39                | 32   | SE        | 2                    | 4                    | SSE  | 10                             | co                                   | —                                 | 3                               |
| Nottingham ...              | 30.068   | -04                           | 33                           | 30           | +5  | 42                | 27   | E         | 1                    | 2                    | SE   | 10                             | m                                    | —                                 | —                               |
| Ardrossan ...               | 30.09n   | +12                           | 32                           | 32           | -4  | 40                | 31   | ENE       | 2                    | 7                    | SSE  | 8                              | csf                                  | 0.03                              | 1                               |
| Greencastle ...             | 30.02n   | +25                           | 40                           | 39           | -1  | 42                | 39   | SSE       | 1                    | 9                    | SSE  | 10                             | r                                    | 0.39                              | —                               |
| Donaghadee ...              | 30.04n   | +16                           | 36                           | 36           | -4  | 40                | 36   | ESE       | 5                    | 7                    | SSE  | 10                             | cr                                   | 0.07                              | 5                               |
| Kingstown ...               | 29.99n   | +10                           | 40                           | 39           | -3  | 45                | 39   | SE        | 1                    | 7                    | SSE  | 10                             | gd                                   | 0.37                              | 4                               |
| Holyhead ...                | 29.98n   | +07                           | 35                           | 33           | -1  | 41                | 34   | Z         | 0                    | 4                    | S    | 0                              | bf                                   | —                                 | 0                               |
| Liverpool (Bidston<br>Obs.) | —  | —                             | 31                           | 30           | -2  | 36                | 28   | ESE       | 3                    | 5                    | ESE  | 8                              | bo                                   | —                                 | 2                               |
| Valencia ...                | 30.00n   | +40                           | 43                           | 41           | -4  | 50                | 42   | E         | 3                    | 6                    | SW   | 4                              | c                                    | 0.12                              | 3                               |
| Roche's Point ...           | 29.94n   | +23                           | 43                           | 42           | -3  | 50                | 42   | NNE       | 3                    | 6                    | S    | 7                              | obc                                  | 0.22                              | 3                               |
| Pembroke ...                | 29.97n   | +08                           | 40                           | 37           | -1  | 42                | 37   | SE        | 4                    | 6                    | SE   | 10                             | mo                                   | —                                 | 4                               |
| Portishead ...              | 30.05n   | +04                           | 31                           | 30           | -5  | 40                | 27   | ENE       | 3                    | 3                    | SE   | 9                              | gan                                  | —                                 | 3                               |
| Scilly ...                  | 29.88n   | +05                           | 44                           | 44           | -1  | 45                | 43   | ESE       | 6                    | 6                    | ESE  | 9                              | on                                   | 0.57                              | 6                               |
| Plymouth ...                | 29.98s   | +04                           | 37                           | 36           | -2  | 40                | 34   | SE        | 3                    | 4                    | SE   | 10                             | co                                   | —                                 | —                               |
| Portsmouth ...              | 30.07n   | +04                           | 33                           | 31           | -1  | 39                | 30   | ENE       | 2                    | 4                    | ENE  | 6                              | c                                    | —                                 | 1                               |
| Dover ...                   | 30.10n   | +02                           | 35                           | 33           | +2  | 36                | 32   | SW        | 1                    | 4                    | E    | 10                             | bg                                   | —                                 | —                               |
| London ...                  | 30.08n   | +01                           | 32                           | 30           | +4  | 36                | 28   | SSE       | 1                    | 2                    | E    | 10                             | bo                                   | —                                 | —                               |
| Oxford ...                  | 30.13n   | +07                           | 28                           | 28           | -2  | 35                | 24   | Z         | 0                    | 2                    | E    | 10                             | co                                   | —                                 | —                               |
| Cambridge ...               | 30.10n   | .00                           | 33                           | 31           | +5  | 36                | 28   | ESE       | 1                    | 1                    | ESE  | 10                             | co                                   | —                                 | —                               |
| Yarmouth ...                | 30.05s   | -048                          | 34                           | 33           | -2  | 38                | 33   | SSW       | 2                    | 8                    | E    | 9                              | cg                                   | —                                 | 4                               |
| *Helder ...                 | 30.13.   | -09                           | 30                           | —            | -1  | —                 | —    | ENE       | 3                    | —                    | —    | —                              | —                                    | —                                 | 2                               |
| Cape Gris Nez...            | 30.09n   | .00                           | 28                           | 28           | +2  | 42                | 26   | S         | 1                    | 1                    | SE   | 9                              | bo                                   | —                                 | 1                               |
| Brest ...                   | 29.898   | +01                           | 38                           | 36           | +2  | 41                | 33   | SE        | 5                    | 5                    | SE   | 10                             | r                                    | —                                 | 4                               |
| L'Orient ...                | 29.948   | +02                           | 34                           | 34           | +1  | 41                | 31   | ESE       | 4                    | 4                    | ESE  | 8                              | or                                   | —                                 | 5                               |
| Rochefort ...               |  |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                                 |
| Biarritz ...                | 29.98n   | +10                           | 46                           | 44           | -5  | 51                | 43   | SW        | 3                    | 5                    | SW   | 8                              | mo                                   | —                                 | 4                               |
| *Corunna ...                |  |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                                 |
| *Brussels ...               | 30.14  | +23                           | 34                           | —            | +5  | —                 | —    | NE        | 4                    | —                    | —    | —                              | c                                    | —                                 | —                               |
| *Charleville ...            | 30.15  | +08                           | 23                           | —            | -3  | —                 | —    | NE        | 1                    | —                    | —    | —                              | b                                    | —                                 | —                               |
| Paris ...                   | 30.06n   | +07                           | 26                           | 26           | -2  | 35                | 24   | WNW       | 1                    | 5                    | NNE  | 0                              | om                                   | —                                 | —                               |
| *Lyons...                   | 30.12  | +20                           | 36                           | —            | -1  | —                 | —    | N         | 3                    | —                    | —    | —                              | b                                    | —                                 | —                               |
| Toulon ...                  | 29.91n   | +05                           | 39                           | 35           | -2  | 45                | 39   | NW        | 5                    | 4                    | ENE  | 2                              | ob                                   | 0.67                              | 5                               |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |    |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|----|---|---|
| Skudesnaes ...  | 30.35 | .00 | 36 | 32 | 0  | — | — | ESE | 6 | — | —   | —  | c  | — | 4 |
| Thurso ...      | 29.83 | .00 | 38 | 35 | +1 | — | — | S   | 6 | 6 | S   | 0  | gm | — | 3 |
| Scarborough ... | 30.10 | .00 | 37 | 35 | +4 | — | — | SSE | 4 | 4 | SSE | 8  | o  | — | 4 |
| Greencastle ... | 29.74 | -03 | 41 | 40 | 0  | — | — | SSW | 8 | 8 | SSE | 10 | d  | — | — |
| Holyhead ...    | 29.92 | +01 | 39 | 36 | +3 | — | — | S   | 4 | 4 | S   | 3  | b  | — | 2 |
| Valencia ...    | 29.67 | +07 | 50 | 48 | +3 | — | — | SW  | 3 | 6 | SSW | 7  | c  | — | 5 |
| Scilly ...      | 29.85 | +03 | 44 | 43 | -1 | — | — | ESE | 5 | 5 | ESE | 9  | o  | — | 5 |
| London ...      | 30.05 | -02 | 36 | 33 | +8 | — | — | SE  | 2 | 2 | SE  | 7  | c  | — | — |
| Rochefort ...   |       |     |    |    |    |   |   |     |   |   |     |    |    |   |   |

The barometer has begun to rise again at our SW stations, but has scarcely changed elsewhere. A fresh SSE gale is reported from Greencastle, but in the SW the wind has moderated and the rain has ceased at Valencia.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

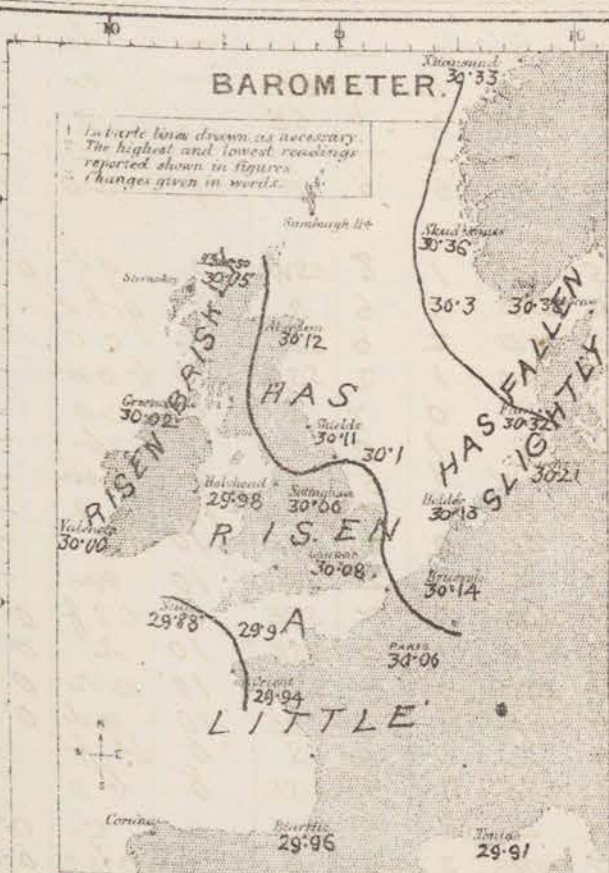
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



# WEATHER CHARTS

AND REMARKS FOR

WEDNESDAY 29<sup>TH</sup> JANUARY 1873 AT 8 A.M.





Thursday 8 a.m.

# WEATHER REPORT.

Jan 30<sup>th</sup> 1873

| STATIONS.                | BAROMETER.   |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9. |
|--------------------------|--|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|
|                          | At 8 A.M.<br>—<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |      |                                |                                      |                                   |                                     |
|                          |  |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dir. |                                |                                      |                                   |                                     |
| *Christiansund...        | 30.42  | +09                           | 34                           | —            | +6  | —                 | —    | ESE       | 4                    | 2                    | ESE  | —                              | b                                    | —                                 | 3                                   |
| *Skudesnaes ...          | 30.43  | +07                           | 27                           | 27           | -6  | —                 | —    | ENE       | 2                    | 0                    | Z    | —                              | b                                    | —                                 | 3                                   |
| *Oxö (X'tiansand)        | 30.47  | +09                           | 29                           | 21           | -3  | —                 | —    | NE        | 6                    | 6                    | NE   | —                              | o c                                  | —                                 | 3                                   |
| *Fanö ...                | 30.39  | +07                           | 30                           | 29           | 0   | —                 | —    | E         | 3                    | —                    | —    | —                              | c                                    | —                                 | —                                   |
| Cuxhaven ...             | 30.26  | +05                           | 32                           | 32           | +3  | —                 | 27   | E         | 4                    | 4                    | ESE  | 7                              | o                                    | —                                 | —                                   |
| Sumburgh Head            |  |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                                     |
| Stornoway (Hebrides.)    | 30.07  | +04                           | 37                           | 36           | +1  | 44                | 33   | SSE       | 4                    | 4                    | SSE  | 6                              | c                                    | 0.02                              | 4                                   |
| Thurso ...               | 30.18  | +13                           | 38                           | 36           | +2  | 39                | 35   | SE        | 2                    | 2                    | SSE  | 8                              | o                                    | 0.04                              | 1                                   |
| Wick ...                 | 30.17  | +06                           | 39                           | 38           | +1  | 39                | 38   | SSE       | 1                    | —                    | SSE  | 10                             | o                                    | 0.01                              | 1                                   |
| Nairn ...                | 30.14  | +06                           | 34                           | 33           | —1  | 37                | 32   | ESE       | 1                    | 1                    | SSE  | 8                              | co                                   | 0.04                              | 1                                   |
| Aberdeen ...             | 30.18  | +06                           | 38                           | 27           | +5  | 39                | 33   | SSE       | 2                    | 4                    | SE   | 8                              | o p                                  | 0.03                              | 3                                   |
| Leith ...                | 30.17  | +04                           | 33                           | 30           | +8  | 35                | 24   | SE        | 1                    | 1                    | SE   | 8                              | ps o                                 | 0.02                              | 4                                   |
| Shields ...              | 30.14  | +03                           | 37                           | 36           | +3  | 37                | 34   | ESE       | 3                    | 3                    | ESE  | 8                              | m g                                  | 0.04                              | 4                                   |
| York ...                 | 30.13  | +02                           | 34                           | 33           | +1  | 35                | 32   | E         | 1                    | 1                    | E    | 10                             | u f                                  | —                                 | 3                                   |
| Scarborough ...          | 30.14  | +04                           | 37                           | 35           | +2  | 38                | 33   | ESE       | 3                    | 2                    | SE   | 10                             | o                                    | —                                 | 3                                   |
| Nottingham ...           | 30.11  | +05                           | 34                           | 34           | +1  | 42                | 31   | SE        | 1                    | 2                    | E    | 10                             | m                                    | —                                 | —                                   |
| Ardrossan ...            | 30.14  | +05                           | 33                           | 32           | +1  | 36                | 30   | E         | 1                    | 2                    | ENE  | 6                              | f                                    | —                                 | 2                                   |
| Greencastle ...          | 30.06  | +04                           | 37                           | 34           | -3  | 41                | 34   | ESE       | 4                    | 4                    | ESE  | 10                             | g                                    | 0.03                              | —                                   |
| Donaghadee ...           | 30.06  | +02                           | 36                           | 34           | 0   | 37                | 34   | ESE       | 4                    | 5                    | ESE  | 10                             | o                                    | 0.02                              | 3                                   |
| Kingstown ...            | 30.01  | +02                           | 39                           | 36           | -1  | 42                | 38   | SE        | 4                    | 4                    | SE   | 10                             | m                                    | 0.05                              | 4                                   |
| Holyhead ...             | 30.02  | +04                           | 33                           | 32           | -2  | 42                | 32   | ENE       | 3                    | 3                    | ENE  | 6                              | m                                    | —                                 | 2                                   |
| Liverpool (Bidston Obs.) | 30.09  | —                             | 33                           | 32           | +2  | 33                | 30   | E         | 2                    | 3                    | E    | 10                             | c f                                  | —                                 | 2                                   |
| Valencia ...             | 29.92  | -07                           | 41                           | 39           | -2  | 50                | 39   | ESE       | 3                    | 4                    | NE   | 6                              | c                                    | —                                 | 3                                   |
| Roche's Point ...        | 29.95  | +01                           | 37                           | 35           | -6  | 48                | 36   | NE        | 3                    | 5                    | SE   | 9                              | r b o                                | 0.50                              | 4                                   |
| Pembroke ...             | 29.92  | -05                           | 34                           | 33           | -6  | 40                | 33   | ENE       | 5                    | 9                    | E    | 10                             | g m                                  | 0.01                              | 4                                   |
| Portishead ...           | 29.96  | -09                           | 32                           | 32           | +1  | 36                | 28   | N         | 5                    | 5                    | ENE  | 10                             | g s                                  | 0.02                              | 5                                   |
| Scilly ...               | 29.85  | -03                           | 40                           | 39           | -4  | 44                | 38   | NE        | 5                    | 6                    | ESE  | 8                              | o                                    | 0.07                              | 6                                   |
| Plymouth ...             | 29.82  | -16                           | 35                           | 35           | -2  | 40                | 34   | ENE       | 1                    | 4                    | ESE  | 10                             | s o                                  | 0.17                              | —                                   |
| Portsmouth ...           | 29.94  | -13                           | 34                           | 33           | +1  | 38                | 32   | ENE       | 6                    | 8                    | ENE  | 10                             | u s                                  | —                                 | 4                                   |
| Dover ...                | 30.02  | -08                           | 34                           | 32           | -1  | 37                | 33   | ESE       | 4                    | 4                    | ESE  | 6                              | g                                    | —                                 | 3                                   |
| London ...               | 29.99  | -09                           | 35                           | 33           | +3  | 37                | 32   | E         | 2                    | 3                    | E    | 10                             | o                                    | —                                 | —                                   |
| Oxford ...               | 30.03  | -10                           | 34                           | 33           | +6  | 35                | 28   | ENE       | 1                    | 1                    | SE   | 10                             | o                                    | —                                 | —                                   |
| Cambridge ...            | 30.05  | -05                           | 34                           | 32           | +1  | 35                | 32   | ENE       | 1                    | 1                    | ESE  | 10                             | o                                    | —                                 | —                                   |
| Yarmouth ...             | 30.06  | +01                           | 26                           | 34           | +2  | 38                | 33   | ESE       | 6                    | 7                    | ESE  | 6                              | c g                                  | —                                 | 5                                   |
| *Helder ...              | 30.18  | +05                           | 32                           | —            | +2  | —                 | —    | E         | 5                    | —                    | —    | —                              | —                                    | —                                 | 4                                   |
| Cape Gris Nez...         | 30.02  | -07                           | 35                           | 35           | +7  | 40                | 26   | SE        | 1                    | 3                    | E    | 9                              | o                                    | —                                 | 1                                   |
| Brest ...                | 29.84  | -05                           | 36                           | 34           | -2  | 39                | 32   | NE        | 1                    | 5                    | SE   | 10                             | r o                                  | 1.50                              | 4                                   |
| L'Orient ...             | 29.74  | -20                           | 36                           | 36           | +2  | 38                | 33   | ENE       | 4                    | 5                    | ESE  | 10                             | r f                                  | 0.12                              | 5                                   |
| Rochefort ...            |  |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                                     |
| Biarritz ...             | 29.85  | -13                           | 52                           | 47           | +6  | 57                | 46   | SW        | 5                    | 3                    | SE   | 9                              | c r                                  | —                                 | 7                                   |
| *Corunna ...             |  |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                                     |
| *Brussels ...            | 30.07  | -07                           | 30                           | —            | -4  | —                 | —    | NE        | 4                    | —                    | —    | —                              | c                                    | —                                 | —                                   |
| *Charleville ...         | 30.05  | -10                           | 32                           | —            | +9  | —                 | —    | SE        | 3                    | —                    | —    | —                              | o                                    | —                                 | —                                   |
| Paris ...                | 29.92  | -14                           | 31                           | 29           | +5  | 37                | 26   | E         | 4                    | 4                    | E    | 10                             | f o                                  | —                                 | —                                   |
| *Lyons...                | 30.01  | -11                           | 39                           | —            | +3  | —                 | —    | SE        | 1                    | —                    | —    | —                              | m                                    | —                                 | —                                   |
| Toulon ...               | 30.00  | +09                           | 41                           | 39           | +2  | 47                | 38   | ENE       | 5                    | 5                    | NW   | 3                              | t c                                  | —                                 | 4                                   |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |   |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|---|---|---|
| Skudesnaes ...  | 30.43 | +07 | 33 | 33 | 0  | — | — | ESE | 2 | — | —   | —  | b | — | 3 |
| Thurso ...      | 30.12 | +07 | 38 | 36 | +2 | — | — | SSE | 1 | 1 | SSE | 7  | c | — | 2 |
| Scarborough ... | 30.10 | 00  | 35 | 33 | 0  | — | — | SE  | 1 | 2 | SE  | 10 | o | — | — |
| Greencastle ... | 30.07 | +05 | 37 | 37 | -3 | — | — | E   | 4 | 4 | E   | 10 | g | — | — |
| Holyhead ...    | 30.02 | +04 | 39 | 37 | +4 | — | — | Z   | 0 | 0 | Z   | 7  | m | — | 4 |
| Valencia ...    | 29.97 | -03 | 45 | 43 | +2 | — | — | NE  | 4 | 3 | —   | 5  | c | — | — |
| Scilly ...      | 29.89 | +01 | 40 | 39 | -4 | — | — | ESE | 6 | 6 | ESE | 8  | o | — | — |
| London ...      | 30.09 | +01 | 37 | 34 | +5 | — | — | SE  | 1 | 1 | SE  | 10 | o | — | — |
| Rochefort ...   |       |     |    |    |    |   |   |     |   |   |     |    |   |   |   |

The barometer has fallen again slightly at Valencia, while it has risen in the north. Otherwise there is scarcely any change reported.

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 24 hours. **EXTREME WIND.**—Strongest wind experienced in past 24 hours. **WEATHER.**—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling; f. fog; g. dark, gloomy; h. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.







Friday 8 a.m.

WEATHER REPORT. Jan'y 31<sup>st</sup> 1873

| STATIONS.                   | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Breeze<br>on<br>shore |
|-----------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|------|--------------------------------|--------------------------------------|-----------------------------------|------------------------------|
|                             | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extrema.             |      |                                |                                      |                                   |                              |
|                             |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dir.      | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dir. |                                |                                      |                                   |                              |
| *Christiansund...           | 30.60   | +18                           | 31                           | 28           | -3  | —                 | —    | SE        | 2                    | 0                    | Z    | —                              | b                                    | —                                 | 2                            |
| *Skudesnaes ...             | 30.56   | +13                           | 27                           | 26           | 0   | —                 | —    | Z         | 0                    | 2                    | SE   | —                              | b                                    | —                                 | 2                            |
| *Oxö (x'tiansand)           | 30.59   | +12                           | 28                           | 27           | -1  | —                 | —    | NE        | 6                    | 8                    | NE   | —                              | s o                                  | —                                 | 2                            |
| *Fanö ...                   | 30.47   | +08                           | 30                           | 29           | 0   | —                 | —    | E         | 6                    | —                    | —    | —                              | o                                    | —                                 | 2                            |
| Cuxhaven ...                | 30.302  | +04                           | 32                           | 31           | 0   | —                 | 27   | E         | 4                    | 6                    | E    | 0                              | b                                    | —                                 | 2                            |
| Sumburgh Head               |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                              |
| Sornoway (He-<br>brides.)   | 30.192  | +12                           | 27                           | 27           | -10   | 42                | 26   | SE        | 2                    | 4                    | SSE  | 0                              | b                                    | —                                 | 3                            |
| Thurso ...                  | 30.252  | +07                           | 39                           | 37           | +1  | 40                | 37   | SE        | 3                    | 3                    | SE   | 8                              | o                                    | 0.01                              | 2                            |
| Wick ...                    | 30.295  | +12                           | 39                           | 37           | 0   | 40                | 37   | SSE       | 5                    | 5                    | SSE  | 10                             | o                                    | 0.05                              | 2                            |
| Nairn ...                   | 30.282  | +14                           | 36                           | 34           | +2  | 39                | 34   | ESE       | 1                    | 1                    | ESE  | 1                              | c b                                  | —                                 | 1                            |
| Aberdeen ...                | 30.322  | +14                           | 38                           | 37           | 0   | 46                | 37   | SSE       | 4                    | 4                    | SSE  | 9                              | p o                                  | 0.05                              | 4                            |
| Leith ...                   | 30.272  | +10                           | 38                           | 37           | +5  | 40                | 32   | SE        | 3                    | 3                    | SE   | 9                              | o                                    | —                                 | 6                            |
| Shields ...                 | 30.262  | +12                           | 39                           | 37           | +2  | 39                | 37   | SE        | 5                    | 6                    | SE   | 8                              | g                                    | —                                 | 7                            |
| York ...                    | 30.192  | +06                           | 36                           | 35           | +2  | 38                | 34   | E         | 1                    | 2                    | E    | 10                             | g f                                  | —                                 | 8                            |
| Scarborough ...             | 30.232  | +09                           | 38                           | 36           | +1  | 41                | 36   | SE        | 5                    | 3                    | ESE  | 10                             | g o                                  | —                                 | 8                            |
| Nottingham ...              | 30.182  | +07                           | 35                           | 35           | +1  | 37                | 33   | E         | 1                    | 3                    | ENE  | 10                             | g d                                  | —                                 | 1                            |
| Ardrossan ...               | 30.232  | +09                           | 37                           | 35           | +4  | 39                | 32   | ENE       | 2                    | 2                    | ENE  | 7                              | c m                                  | —                                 | 1                            |
| Greencastle ...             | 30.152  | +09                           | 37                           | 35           | 0   | 38                | 35   | ESE       | 3                    | 4                    | ESE  | 10                             | g                                    | —                                 | 5                            |
| Donaghadee ...              | 30.142  | +08                           | 40                           | 37           | +4  | 40                | 35   | SE        | 5                    | 5                    | SE   | 9                              | o                                    | —                                 | 4                            |
| Kingstown ...               | 30.102  | +09                           | 40                           | 37           | +1  | 41                | 38   | ESE       | 3                    | 4                    | ESE  | 10                             | m o                                  | —                                 | 4                            |
| Holyhead ...                | 30.122  | +10                           | 36                           | 35           | +3  | 38                | —    | E         | 2                    | 4                    | ENE  | 10                             | c m                                  | —                                 | 2                            |
| Liverpool (Bidston<br>Obs.) | 30.172  | +08                           | 36                           | 34           | +3  | 38                | 33   | E         | 3                    | 4                    | ESE  | 10                             | c o                                  | —                                 | 4                            |
| Valencia ...                | 29.992  | +06                           | 42                           | 40           | +1  | 49                | 35   | SE        | 4                    | 3                    | ESE  | 7                              | c                                    | —                                 | 4                            |
| Roche's Point ...           | 30.022  | +07                           | 40                           | 38           | +3  | 43                | 35   | SE        | 5                    | 5                    | SE   | 8                              | o                                    | —                                 | 4                            |
| Pembroke ...                | 30.062  | +14                           | 36                           | 34           | +2  | 38                | 33   | ENE       | 4                    | 5                    | ENE  | 10                             | g m                                  | —                                 | 3                            |
| Portishead ...              | 30.102  | +14                           | 36                           | 34           | +4  | 38                | 31   | ENE       | 4                    | 6                    | ENE  | 10                             | g o                                  | —                                 | 4                            |
| Scilly ...                  | 30.012  | +16                           | 40                           | 38           | 0   | 42                | 38   | ENE       | 3                    | 5                    | NE   | 8                              | c o                                  | —                                 | 5                            |
| Plymouth ...                | 30.052  | +23                           | 35                           | 34           | 0   | 38                | 33   | NE        | 3                    | 4                    | ENE  | 10                             | o                                    | 0.02                              | 3                            |
| Portsmouth ...              | 30.072  | +13                           | 36                           | 34           | +2  | 37                | 33   | NE        | 3                    | 6                    | ENE  | 8                              | o                                    | 0.01                              | 3                            |
| Dover ...                   | 30.042  | +02                           | 37                           | 35           | +3  | 38                | 34   | E         | 4                    | 5                    | E    | 6                              | g                                    | —                                 | 1                            |
| London ...                  | 30.062  | +07                           | 37                           | 35           | +2  | 37                | 35   | E         | 3                    | 5                    | E    | 10                             | o                                    | —                                 | 1                            |
| Oxford ...                  | 30.102  | +07                           | 35                           | 33           | +1  | —                 | —    | E         | 1                    | 2                    | E    | 10                             | o                                    | —                                 | 1                            |
| Cambridge ...               | 30.132  | +08                           | 36                           | 34           | +2  | 36                | 34   | ENE       | 1                    | 1                    | ENE  | 10                             | o                                    | —                                 | 6                            |
| Yarmouth ...                | 30.132  | +07                           | 36                           | 35           | 0   | 37                | 33   | E         | 6                    | 7                    | E    | 6                              | c g                                  | —                                 | 4                            |
| *Helder ...                 | 30.22   | +04                           | 27                           | —            | -5  | —                 | —    | ENE       | 7                    | —                    | —    | —                              | —                                    | —                                 | 4                            |
| Cape Gris Nez...            | 30.042  | +02                           | 29                           | 29           | -6  | 38                | 28   | CNE       | 3                    | 4                    | ENE  | 5                              | o c                                  | —                                 | 2                            |
| Brest ...                   | 29.972  | +13                           | 39                           | 37           | +3  | 44                | 34   | ENE       | 1                    | 4                    | NNW  | 10                             | o f                                  | —                                 | 3                            |
| L'Orient ...                | 29.992  | +25                           | 37                           | 37           | +1  | 43                | 35   | NNE       | 3                    | 4                    | NNW  | 10                             | o                                    | —                                 | 3                            |
| Rochefort ...               |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                              |
| Biarritz ...                | 30.002  | +15                           | 46                           | 42           | -6  | 52                | 43   | NE        | 5                    | 5                    | E    | 8                              | r                                    | 0.16                              | 5                            |
| *Corunna ...                |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                              |
| *Brussels ...               | 30.08   | +01                           | 36                           | —            | +6  | —                 | —    | NE        | 4                    | —                    | —    | —                              | c                                    | —                                 | 1                            |
| *Charleville ...            | 30.03   | -02                           | 36                           | —            | +4  | —                 | —    | SE        | 3                    | —                    | —    | —                              | o                                    | —                                 | 1                            |
| Paris ...                   | 29.932  | +01                           | 32                           | 32           | +1  | 37                | 31   | SE        | 1                    | 4                    | E    | 10                             | s                                    | 0.04                              | 1                            |
| *Lyons...                   | 30.00   | -01                           | 39                           | —            | 0   | —                 | —    | SE        | 1                    | —                    | —    | —                              | f                                    | —                                 | 1                            |
| Toulon...                   |   |                               |                              |              |   |                   |      |           |                      |                      |      |                                |                                      |                                   |                              |

## YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

|                 |       |     |    |    |    |   |   |     |   |   |     |    |     |   |   |
|-----------------|-------|-----|----|----|----|---|---|-----|---|---|-----|----|-----|---|---|
| Skudesnaes ...  | 30.46 | +03 | 27 | 26 | 0  | — | — | Z   | 0 | — | —   | —  | b   | — | 2 |
| Thurso ...      | 30.17 | -01 | 39 | 37 | +1 | — | — | SE  | 2 | 2 | SE  | 8  | o   | — | 2 |
| Scarborough ... | 30.15 | +01 | 37 | 35 | 0  | — | — | ESE | 3 | 3 | ESE | 10 | o   | — | 3 |
| Greencastle ... | 30.08 | +02 | 37 | 35 | 0  | — | — | ESE | 4 | 4 | ESE | 19 | g   | — | 3 |
| Holyhead ...    | —     | —   | 37 | 35 | +4 | — | — | ENE | 4 | 4 | ENE | 6  | c b | — | 3 |
| Valencia ...    | 29.98 | +05 | 43 | 40 | +2 | — | — | ESE | 3 | 3 | ESE | 2  | b   | — | 4 |
| Scilly ...      | 29.89 | +04 | 41 | 39 | +1 | — | — | NE  | 4 | 5 | NE  | 7  | c   | — | 4 |
| London ...      | 29.99 | .00 | 36 | 35 | +1 | — | — | ENE | 4 | 4 | ENE | 10 | o   | — | 1 |
| Rochefort ...   |       |     |    |    |    | — | — |     |   |   |     |    |     |   |   |

No important change is reported

## EXPLANATION OF COLUMNS.

**BAROMETER.**—The letters r. (rising), f. (falling), and s. (steady), indicate the motion of the mercury in last 14 hours. **EXTREME WIND.**—strongest wind experienced in past 24 hours. **WEATHER:** Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. lightening; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. wet, dew.

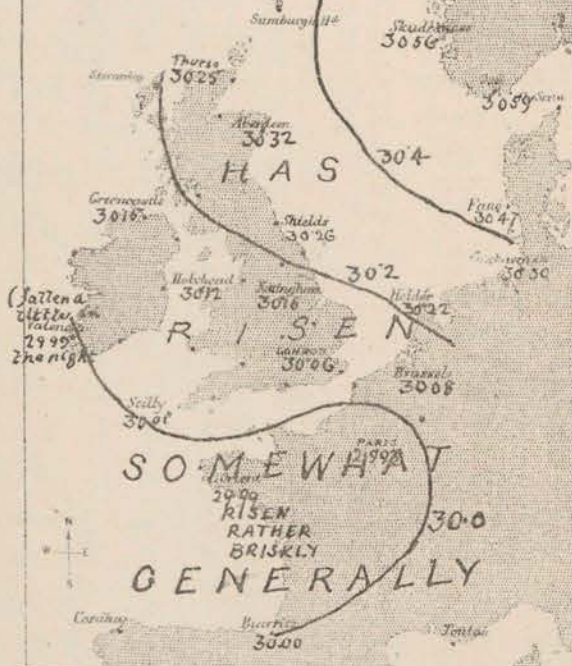
The "change" of barometer and temperature and the "extreme" wind given in the 2 p.m. report are those since the previous 8 a.m.

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

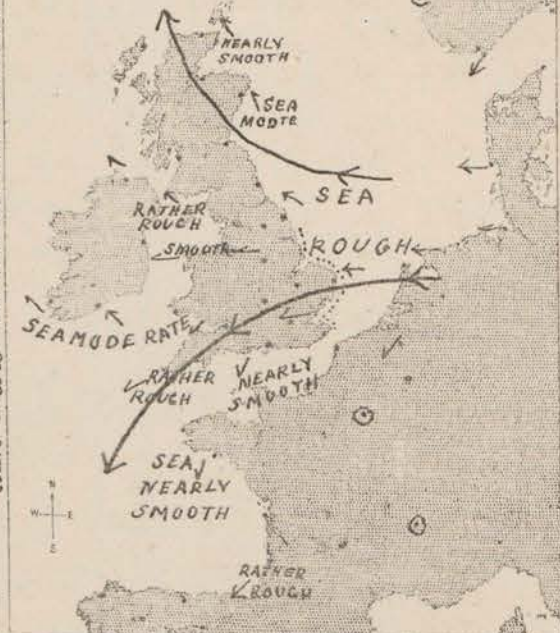
\* The Stations marked with an asterisk do not report rainfall. The "extreme" wind reported from the Norwegian Stations is an observation taken at 8.



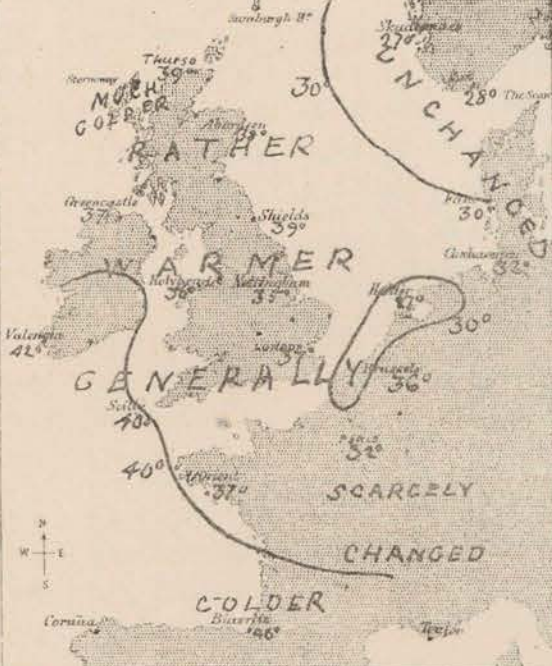
FRI DAY 31<sup>st</sup> JANUARY 1873 AT 8 A.M.



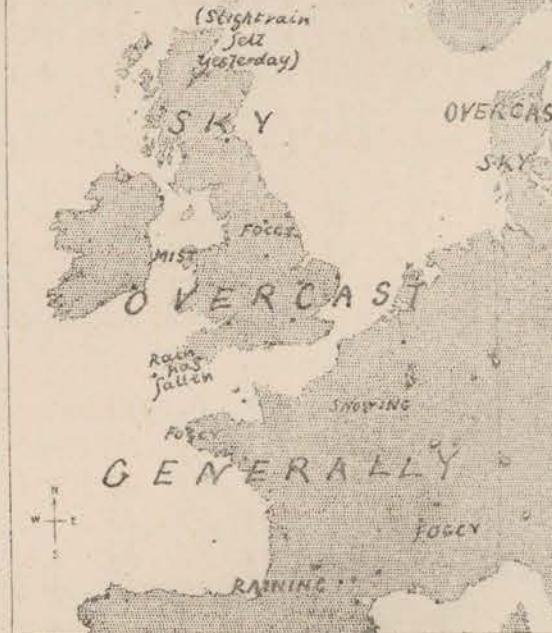
Note A dotted line is drawn round that part of our  
— coat where the buttons now remain hoisted



Dreams lowered in the Channel from Southampton to Dover



CLOUD, RAIN 25



Drums lowered this morning in that part of the Channel where they were hoisted yesterday

Vincent Brook, Dec. 4, 1893. London W.



## CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JANUARY 1873.

## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY

| Date | STATIONS.               | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   | WIND. |           |                      |                      | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. |        |
|------|-------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|-------|-----------|----------------------|----------------------|--------------------------------|--------------------------------------|-----------------------------------|--------|
|      |                         | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |       | At 8 A.M. |                      | Extreme.             |                                |                                      |                                   |        |
|      |                         |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min.  | Dirac.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) |                                |                                      |                                   | Dirac. |
| 1.   | Cuxhaven                | 29.80   | -21                           | 44                           | 43           | 0   | —                 | 37    | SW        | 5                    | 11                   | SSW                            | 9                                    | o                                 | —      |
| "    | Lumburgh H <sup>2</sup> | 29.248  | -23                           | 44                           | 43           | +1  | 45                | 42    | SE        | 7                    | 7                    | SE                             | 10                                   | 9p                                | —      |
| "    | Corunna                 | 30.12   | —                             | 51                           | —            | —   | —                 | —     | W         | 6                    | —                    | —                              | —                                    | o                                 | —      |
| 2.   | Lumburgh H <sup>2</sup> | 28.988  | -26                           | 44                           | 44           | 0   | 45                | 38    | SSW       | 5                    | 7                    | SE                             | 8                                    | pg                                | 0.04   |
| 3.   | Lumburgh H <sup>2</sup> | 29.112  | +13                           | 41                           | 40           | -3  | 45                | 39    | SSW       | 7                    | 7                    | SW                             | 4                                    | ge                                | —      |
| "    | Corunna                 | 30.20   | —                             | 53                           | —            | —   | —                 | —     | W         | 6                    | —                    | —                              | —                                    | o                                 | —      |
| 4.   | Lumburgh H <sup>2</sup> | 29.312  | +20                           | 41                           | 39           | 0   | 44                | 39    | W         | 8                    | 7                    | SSW                            | 7                                    | 9p                                | 0.37   |
| "    | Corunna                 | 30.16   | -04                           | 52                           | —            | -1  | —                 | —     | SW        | 6                    | —                    | —                              | —                                    | o                                 | —      |
| 5.   | Lumburgh H <sup>2</sup> | 29.018  | -30                           | 41                           | 41           | 0   | 43                | 32    | SSW       | 7                    | 8                    | W                              | 10                                   | hr                                | 0.54   |
| 6.   | Lumburgh H <sup>2</sup> | 29.312  | +30                           | 39                           | 38           | -2  | 44                | 38    | SSW       | 4                    | 8                    | WSW                            | 8                                    | pg                                | 0.04   |
| "    | C. Gris Rey             | 30.142  | +32                           | 51                           | 49           | +8  | 52                | 45    | WSW       | 5                    | 5                    | WNW                            | 10                                   | o                                 | 0.04   |
| "    | Corunna                 | 29.96   | —                             | 46                           | —            | —   | —                 | —     | SE        | 1                    | —                    | —                              | —                                    | b                                 | —      |
| 7.   | Lumburgh H <sup>2</sup> | 29.452  | +14                           | 45                           | 45           | +6  | 48                | 37    | S         | 6                    | 6                    | S                              | 8                                    | g                                 | 0.07   |
| "    | Corunna                 | 30.13   | +17                           | 54                           | —            | +8  | —                 | —     | —         | —                    | —                    | —                              | —                                    | b                                 | —      |
| 8.   | Lumburgh H <sup>2</sup> | 29.058  | -40                           | 45                           | 45           | 0   | 47                | 42    | S         | 8                    | 6                    | SW                             | 10                                   | rw                                | 0.42   |
| 9.   | Lumburgh H <sup>2</sup> | 29.292  | +24                           | 40                           | 40           | -5  | 47                | 40    | WSW       | 3                    | 8                    | S                              | 5                                    | ge                                | —      |
| 10.  | Lumburgh H <sup>2</sup> | 29.158  | -14                           | 42                           | 42           | +2  | 45                | 39    | S         | 4                    | 3                    | WSW                            | 5                                    | pe                                | 0.15   |
| 11.  | Lumburgh H <sup>2</sup> | 29.302  | +15                           | 43                           | 43           | +1  | 46                | 39    | SW        | 4                    | 4                    | S                              | 5                                    | ge                                | —      |
| "    | Corunna                 | 29.85   | 00                            | 54                           | —            | 0   | —                 | —     | S         | 1                    | —                    | —                              | —                                    | or                                | —      |
| 12.  | Lumburgh H <sup>2</sup> | 29.402  | +10                           | 40                           | 40           | -3  | 45                | 39    | W         | 4                    | 4                    | SW                             | 9                                    | d                                 | 0.15   |
| 13.  | Lumburgh H <sup>2</sup> | 29.248  | -16                           | 37                           | 37           | -3  | 42                | 35    | WNW       | 5                    | 4                    | W                              | 7                                    | pe                                | 0.68   |
| 14.  | Lumburgh H <sup>2</sup> | 29.362  | +12                           | 39                           | 38           | +2  | 45                | 35    | W         | 8                    | 5                    | WSW                            | 10                                   | ro                                | 0.08   |
| "    | Corunna                 | 30.32   | -16                           | 46                           | —            | -2  | —                 | —     | N         | 3                    | —                    | —                              | —                                    | b                                 | —      |
| 15.  | Lumburgh H <sup>2</sup> | 29.352  | -01                           | 40                           | 39           | +1  | 50                | 39    | WNW       | 8                    | 9                    | W                              | 10                                   | p                                 | 0.05   |
| "    | Corunna                 | 30.32   | 00                            | 50                           | —            | +4  | —                 | —     | SW        | 3                    | —                    | —                              | —                                    | o                                 | —      |
| 16.  | Lumburgh H <sup>2</sup> | 29.852  | +50                           | 39                           | 38           | -1  | 45                | 35    | WNW       | 7                    | 9                    | WNW                            | 5                                    | p                                 | 0.23   |
| "    | Corunna                 | 30.20   | -12                           | 54                           | —            | +4  | —                 | —     | —         | —                    | —                    | —                              | —                                    | —                                 | —      |
| 17.  | Lumburgh H <sup>2</sup> | 29.468  | -39                           | 42                           | 41           | +3  | 43                | 37    | ESE       | 6                    | 3                    | W                              | 7                                    | p                                 | 0.25   |
| "    | Corunna                 | 30.44   | +24                           | 56                           | —            | +2  | —                 | —     | Z         | 0                    | —                    | —                              | —                                    | b                                 | —      |
| 18.  | Lumburgh H <sup>2</sup> | 29.048  | -42                           | 41                           | 41           | -1  | 42                | 36    | S         | 7                    | 6                    | ESE                            | 7                                    | 2p                                | 0.15   |
| "    | Wick                    | 29.098  | -42                           | 41                           | 38           | +4  | 44                | 34    | S         | 4                    | 4                    | S                              | 8                                    | o                                 | —      |
| "    | Corunna                 | 30.32   | -12                           | 48                           | —            | -6  | —                 | —     | SW        | 3                    | —                    | —                              | —                                    | e                                 | —      |
| 19.  | Lumburgh H <sup>2</sup> | 28.018  | -103                          | 39                           | 37           | -2  | 47                | 36    | W         | 7                    | 9                    | S                              | 6                                    | 2p                                | 0.33   |
| "    | Liverpool               | 28.718  | -99                           | 40                           | 38           | +4  | 49                | 39    | WSW       | 4                    | 7                    | WSW                            | 8                                    | e                                 | 0.36   |
| 20.  | Lumburgh                | 28.172  | +16                           | 33                           | 33           | -6  | 43                | 32    | E         | 2                    | 7                    | S                              | 7                                    | p                                 | 0.04   |
| "    | Rochfort                | 29.088  | -53                           | 45                           | 43           | -9  | 54                | 33    | SW        | 7                    | 11                   | WSW                            | 10                                   | r                                 | 1.26   |
| "    | Rearitz                 | 29.248  | -65                           | 48                           | 46           | -4  | 55                | 41    | SW        | 9                    | 9                    | SW                             | 10                                   | r                                 | 0.39   |
| 21.  | Lumburgh H <sup>2</sup> | 28.632  | +46                           | 36                           | 35           | +3  | 40                | 32    | E         | 4                    | 3                    | E                              | 5                                    | pe                                | 0.03   |
| 22.  | Lumburgh                | 28.792  | +16                           | 38                           | 37           | +2  | 40                | 33    | E         | 6                    | 5                    | E                              | 7                                    | 2p                                | 0.17   |
| "    | Rochfort                | 29.338  | —                             | 50                           | 46           | —   | —                 | 41    | W         | 7                    | 9                    | W                              | 6                                    | e                                 | 0.39   |
| 23.  | Lumburgh H <sup>2</sup> | 29.018  | +22                           | 36                           | 35           | -2  | 42                | 34    | N         | 2                    | 6                    | E                              | 5                                    | e                                 | —      |
| "    | Rochfort                | —   | —                             | 48                           | 46           | -2  | 48                | 41    | W         | 9                    | 7                    | W                              | 10                                   | er                                | 0.79   |
| "    | Corunna                 | 30.08   | —                             | 50                           | —            | —   | —                 | —     | W         | 6                    | —                    | —                              | —                                    | o                                 | —      |
| 24.  | Lumburgh H <sup>2</sup> | 29.472  | +46                           | 37                           | 36           | +1  | 40                | 32    | N         | 3                    | 3                    | N                              | 6                                    | p                                 | 0.03   |
| "    | Rochfort                | 29.418  | —                             | 47                           | 47           | -1  | 52                | 46    | NW        | 5                    | 9                    | W                              | 4                                    | e                                 | 0.32   |
| "    | Corunna                 | 29.88   | -20                           | 48                           | —            | -2  | —                 | —     | —         | —                    | —                    | —                              | —                                    | o                                 | —      |
| 25.  | Lumburgh H <sup>2</sup> | 29.698  | +22                           | 38                           | 37           | +1  | 40                | 32    | S         | 4                    | 3                    | W                              | 5                                    | e                                 | —      |
| "    | Rochfort                | 30.032  | +62                           | —                            | —            | —   | —                 | —     | NE        | 5                    | 11                   | W                              | 0                                    | 2b                                | 0.24   |
| 26.  | Lumburgh                | 29.548  | -15                           | 41                           | 41           | +3  | 43                | 36    | S         | 8                    | 7                    | S                              | 10                                   | od                                | 0.04   |
| "    | Rochfort                | 29.818  | -22                           | 36                           | 34           | —   | 50                | 34    | SE        | 4                    | 5                    | SE                             | 0                                    | b                                 | —      |



## 1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY (continued).

| STATIONS.               | BAROMETER.  |                               | THERMOMETERS.<br>(In shade). |              |   |                   |      | WIND.     |                      |                      |        | Amount<br>of Cloud<br>0 to 10. | Weather.<br>By<br>Beaufort<br>Scale. | Rainfall.<br>In past<br>24 Hours. | Sea<br>Disturb-<br>ance.<br>0 to 9. |
|-------------------------|---|-------------------------------|------------------------------|--------------|---|-------------------|------|-----------|----------------------|----------------------|--------|--------------------------------|--------------------------------------|-----------------------------------|-------------------------------------|
|                         | At 8 A.M.<br>Reduced to<br>32° F. at the<br>Mean Sea Level. | Change<br>since<br>yesterday. | At 8 A.M.                    |              | Change<br>in the<br>dry bulb<br>since<br>yesterday. | In past 24 hours. |      | At 8 A.M. |                      | Extreme.             |        |                                |                                      |                                   |                                     |
|                         |   |                               | Dry<br>bulb.                 | Wet<br>bulb. |   | Max.              | Min. | Dirco.    | Force.<br>(0 to 12.) | Force.<br>(0 to 12.) | Dirco. |                                |                                      |                                   |                                     |
| Sumburgh H <sup>2</sup> | 29.892  | + .35                         | 43                           | 43           | +2  | 43                | 36   | SSW       | 7                    | 8                    | SE     | 10                             | dg                                   | 0.09                              | 6                                   |
| Rockfort                | 29.892  | + .08                         | 34                           | 32           | -2  | 50                | 32   | E         | 4                    | 5                    | SE     | 0                              | b                                    | —                                 | 3                                   |
| Sumburgh H <sup>2</sup> | 29.928  | + .02                         | 40                           | 40           | -3  | 44                | 40   | SSW       | 7                    | 7                    | SSW    | 10                             | g                                    | —                                 | 6                                   |
| Rockfort                | 29.918  | —                             | 34                           | 32           | -14   | 45                | 32   | E         | 4                    | 5                    | E      | 0                              | b                                    | —                                 | 1                                   |
| Corunna                 | 29.966  | - .12                         | 46                           | —            | -4  | —                 | —    | SW        | —                    | —                    | —      | —                              | o                                    | —                                 | 2                                   |
| Sumburgh H <sup>2</sup> | 30.122  | + .20                         | 39                           | 39           | -1  | 42                | 37   | S         | 6                    | 8                    | S      | 7                              | g                                    | —                                 | 6                                   |
| Corunna                 | 29.96   | .00                           | 48                           | —            | +2  | —                 | —    | N         | 3                    | —                    | —      | —                              | g                                    | —                                 | 5                                   |
| Sumburgh H <sup>2</sup> | 30.272  | + .15                         | 39                           | 39           | 0   | 41                | 35   | S         | 6                    | 6                    | S      | 7                              | g                                    | —                                 | 5                                   |
| Rockfort                | 30.042  | —                             | 32                           | 30           | —   | 41                | 30   | SE        | 4                    | 4                    | E      | 6                              | c                                    | —                                 | 3                                   |
| Corunna                 | 30.00   | + .04                         | 47                           | —            | -1  | —                 | —    | —         | —                    | —                    | —      | —                              | c                                    | —                                 | 5                                   |
| Sumburgh H <sup>2</sup> | 30.402  | + .13                         | 37                           | 36           | -2  | 41                | 36   | S         | 6                    | 6                    | S      | 7                              | pg                                   | 0.02                              | 5                                   |
| Rockfort                | 29.808  | - .24                         | 43                           | 41           | +11   | 45                | 32   | SE        | 4                    | 4                    | SE     | 10                             | o                                    | 0.51                              | 3                                   |
| Corunna                 | 29.73   | - .27                         | 43                           | —            | -4  | —                 | —    | SE        | 1                    | —                    | —      | —                              | d                                    | —                                 | 2                                   |
| CORRECTIONS (2).        |   |                               |                              |              |   |                   |      |           |                      |                      |        |                                |                                      |                                   |                                     |
| Hairn                   | —   | —                             | —                            | 40           | —   | —                 | —    | —         | 1                    | 7                    | —      | —                              | —                                    | —                                 | —                                   |
| Rockes Pt.              | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | 10                   | —      | —                              | —                                    | —                                 | —                                   |
| Wick                    | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Rockes Pt.              | —   | —                             | —                            | —            | —   | —                 | —    | W         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Scilly                  | —   | —                             | —                            | —            | —   | —                 | —    | SW        | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Biscuit                 | —   | —                             | 51                           | 50           | +5  | —                 | 45   | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Pencaid                 | —   | —                             | —                            | —            | —   | 56                | 45   | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Pencaid 2pm             | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | 10                             | —                                    | —                                 | —                                   |
| Donaghadee              | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | 6                    | —      | —                              | 9                                    | —                                 | —                                   |
| Pencaid 2pm             | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | 9                                    | —                                 | —                                   |
| Cambridge               | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | 0.04                              | —                                   |
| Oxford                  | —   | —                             | —                            | —            | —   | —                 | 48   | —         | —                    | —                    | SW     | —                              | —                                    | —                                 | —                                   |
| Hairn                   | 29.552  | + .16                         | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Holyhead                | 29.792  | + .20                         | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Hairn                   | —   | .13                           | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Holyhead                | —   | .02                           | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Stornoway               | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | 4                    | SW     | —                              | —                                    | —                                 | —                                   |
| Wick                    | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | 6                    | —      | —                              | —                                    | —                                 | —                                   |
| Shields                 | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | ob                                   | —                                 | —                                   |
| Kings town              | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | 8                    | —      | —                              | —                                    | —                                 | —                                   |
| Pembroke                | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | SE     | —                              | —                                    | —                                 | —                                   |
| Stornoway               | —   | —                             | —                            | —            | —   | —                 | —    | SSW       | 5                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Nottingham              | 30.102  | + .21                         | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Plymouth                | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | 1.13                              | —                                   |
| Nottingham              | —   | .00                           | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Holyhead 2pm            | —   | —                             | 39                           | 36           | +3  | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Portsmouth              | —   | —                             | —                            | —            | —   | —                 | —    | —         | —                    | 8                    | —      | —                              | —                                    | —                                 | —                                   |
| Holyhead 2pm            | 30.03   | + .01                         | —                            | —            | —   | —                 | —    | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Holyhead                | —   | —                             | —                            | —            | —   | —                 | 33   | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |
| Oxford                  | —   | —                             | —                            | —            | —   | 35                | 34   | —         | —                    | —                    | —      | —                              | —                                    | —                                 | —                                   |