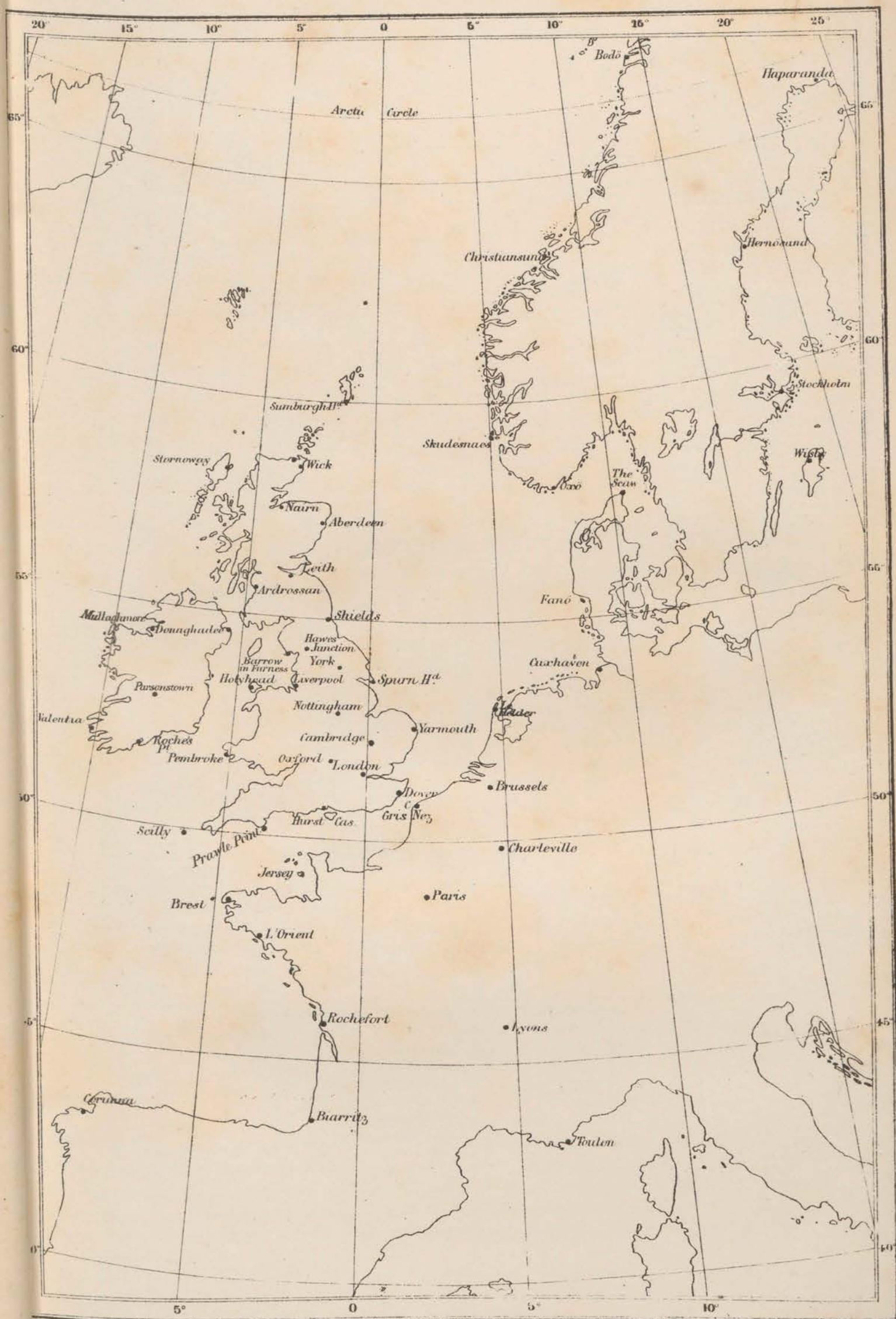


METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JANUARY — 30TH JUNE,
1880.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JAN. 1ST TO JUNE 30TH 1880.

DAILY WEATHER REPORT APRIL 1st 1880.

| STATIONS. | + YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|------------------|----------|---|----------------|------|-------|----------|----------------|-------------|------|---------------------|--|--|----------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer. Reading at 32° F. and Sea Level. | SHADE TEMP. | | WIND. | Weather. | Set. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | | | |
| | | | Dir. | Force (0 to 12). | | | Dry. | Wet. | | | | Max. | Min. | | | | | | |
| Haparanda | 30.25 | 10 | 2 | 0 | 7 | 30.38 | + 4.1 | 7 | 7 | 11 | N | 25 | 0 | — | | | | | |
| Hernösand | 30.40 | 31 | E NE | 4 | 0 | 30.28 | + 2.5 | 26 | 23 | 11 | NE | 39 | ? | — | | | | | |
| Stockholm | 30.05 | 27 | SW | 2 | 0 | 30.07 | — 0.4 | 30 | 29 | 2 | E | 46 | 23 | — | | | | | |
| Wisby | 30.02 | 32 | ESE | 2 | 0 | 29.95 | — 1.5 | 35 | 30 | 2 | E | 37 | 25 | — | | | | | |
| Bodö | 30.01 | 30 | E | 4 | 0 | 30.01 | | 29 | 27 | | E | 36 | 27 | — | | | | | |
| Christiansund | 29.75 | 39 | E | 1 | 0 | 29.75 | — 1.0 | 41 | 35 | 1 | SE | 45 | 32 | — | | | | | |
| Skudesnaes | 29.71 | 39 | SE | 6 | 0 | 29.63 | — 2.1 | 44 | 37 | 5 | ESE | ? | 39 | — | | | | | |
| Oxö (Kälsund) | 29.86 | 36 | E NE | 6 | 0 | 29.76 | — 2.1 | 36 | 36 | 0 | NE | 37 | 34 | — | | | | | |
| Skagen (The Skaw) | 29.89 | 38 | ESE | 4 | 0 | 29.82 | — 2.1 | 36 | 35 | 0 | ESE | 41 | 28 | — | | | | | |
| Fanö | 29.70 | 41 | E | 5 | 0 | 29.59 | — 3.0 | 29 | 39 | 2 | ESE | 43 | 26 | — | | | | | |
| Cuxhaven | 29.80 | 44 | SE | 1 | 0 | 29.59 | — 3.3 | 42 | 41 | 3 | SE | 45 | 37 | — | | | | | |
| Sumburgh Head | 29.31 | 43 | SSE | 9 | + | 29.41 | — 1.1 | 43 | 42 | 0 | SE | 44 | 41 | 0.37 | | | | | |
| Stornoway | 29.12 | 45 | SSE | 3 | 0 | 29.26 | + 3.6 | 41 | 40 | 5 | SW | 50 | 35 | 0.10 | | | | | |
| Wick | 29.21 | 44 | S | 7 | 0 | 29.37 | + 1.1 | 41 | 40 | 2 | NNW | 45 | 39 | 0.24 | | | | | |
| Nairn | 29.17 | 51 | SW | 1 | 0 | 29.38 | + 1.9 | 40 | 38 | 8 | SW | 55 | 37 | 0.07 | | | | | |
| Aberdeen | 29.26 | 44 | S | 6 | + | 29.36 | — 0.1 | 40 | 39 | 4 | NNW | 44 | 40 | 0.98 | | | | | |
| Leith | 29.25 | 48 | NNW | 1 | 0 | 29.34 | + 1.2 | 42 | 39 | 5 | NNW | 49 | 39 | 0.07 | | | | | |
| Shields | 29.25 | 42 | S | 4 | 0 | 29.34 | — 1.2 | 42 | 40 | 2 | NNW | 48 | 40 | 0.75 | | | | | |
| Spurn Head | 29.32 | 46 | S | 6 | + | 29.30 | — 1.2 | 40 | 40 | 3 | WNW | 52 | 39 | 0.46 | | | | | |
| York | 29.29 | 47 | S | 4 | + | 29.37 | — 1.0 | 44 | 40 | 2 | W | 49 | 39 | 1.05 | | | | | |
| Nottingham | 29.28 | 47 | S | 5 | + | 29.47 | — 0.6 | 46 | 42 | 1 | WNW | 51 | 40 | 0.71 | | | | | |
| Ardrossan | 29.23 | 48 | WNW | 2 | 0 | 29.43 | + 2.6 | 44 | 42 | 2 | WNW | 51 | 41 | 0.08 | | | | | |
| Mullaghmore | 29.32 | 46 | W | 6 | 0 | 29.52 | + 3.5 | 44 | 42 | 2 | WSW | 52 | 40 | 0.10 | | | | | |
| Donaghadee | 29.27 | 49 | NNW | 3 | 0 | 29.49 | + 2.6 | 43 | 40 | 4 | W | 56 | 36 | 0.09 | | | | | |
| Parsonstown | 29.40 | 46 | NNW | 2 | 0 | 29.64 | + 3.9 | 42 | 40 | 4 | SW | 54 | 35 | 0.04 | | | | | |
| Holyhead | 29.29 | 46 | WNW | 3 | 0 | 29.34 | + 2.1 | 43 | 41 | 4 | WNW | 50 | 41 | 0.44 | | | | | |
| Liverpool (Bidston) | 29.26 | 45 | WNW | 2 | 0 | 29.48 | + 1.6 | 43 | 41 | 0 | W | 49 | 42 | 0.22 | | | | | |
| Valentia | 29.53 | 47 | NNW | 5 | 0 | 29.67 | + 3.5 | 48 | 45 | 0 | WNW | 53 | 41 | 0.09 | | | | | |
| Roche's Point | 29.44 | 48 | NNW | 6 | 0 | 29.68 | + 3.7 | 43 | 41 | 6 | W | 51 | 40 | 0.10 | | | | | |
| Pembroke | 29.35 | 47 | WNW | 1 | 0 | 29.63 | + 2.5 | 44 | 42 | 0 | WNW | 54 | 43 | 0.11 | | | | | |
| Scilly | 29.45 | 48 | NNW | 7 | 0 | 29.73 | + 2.6 | 48 | 47 | 2 | WNW | 51 | 43 | 0.49 | | | | | |
| Prawle Point | 29.36 | 45 | WNW | 4 | 0 | 29.67 | + 0.9 | 45 | 44 | 2 | WNW | 48 | 40 | 0.19 | | | | | |
| Hurst Castle | 29.36 | 46 | SSE | 6 | + | 29.63 | — 0.3 | 43 | 42 | 5 | WNW | 49 | 43 | 0.38 | | | | | |
| Dover | 29.48 | 49 | SW | 2 | 0 | 29.49 | — 2.2 | 45 | 43 | 2 | W | 51 | 42 | 0.06 | | | | | |
| London | 29.41 | 46 | S | 5 | + | 29.52 | — 1.3 | 45 | 44 | 4 | WNW | 58 | 41 | 0.24 | | | | | |
| Oxford | 29.32 | 47 | S | 4 | 0 | 29.53 | + 0.7 | 44 | 41 | 0 | W | 62 | 39 | 0.35 | | | | | |
| Cambridge | 29.37 | 45 | SSE | 2 | + | 29.45 | — 1.8 | 44 | 42 | 1 | WSW | 59 | 40 | 0.07 | | | | | |
| Yarmouth | 29.50 | 49 | SW | 3 | 0 | 29.34 | — 3.8 | 43 | 42 | 2 | WNW | 50 | 40 | 0.24 | | | | | |
| The Helder | * | * | * | * | * | 29.33 | — 4.7 | 46 | 44 | 4 | SE | * | * | * | | | | | |
| Cape Gris Nez | 29.50 | 51 | SW | 3 | 0 | 29.49 | — 2.6 | 46 | 43 | 2 | WNW | 55 | 43 | 0.04 | | | | | |
| Jersey | 29.45 | 47 | SW | 5 | 0 | 29.74 | + 0.1 | 47 | ? | 1 | WNW | 52 | 42 | 0.42 | | | | | |
| Brest | 29.57 | 46 | WNW | 5 | 0 | 29.83 | + 0.9 | 47 | 44 | 3 | NNW | 59 | 41 | 0.59 | | | | | |
| Lorient | 29.50 | 48 | W | 7 | 0 | 29.82 | + 0.7 | 45 | 42 | 5 | WNW | 52 | 43 | 0.32 | | | | | |
| Rocheport | 29.68 | 56 | WSW | 8 | 0 | 29.89 | + 0.1 | 51 | 46 | 3 | NNW | 63 | 43 | 0.12 | | | | | |
| Biarritz | 29.76 | 51 | NNW | 5 | 0 | 29.97 | + 0.8 | 54 | 48 | 2 | NNW | 70 | 45 | 0.32 | | | | | |
| Coranna | * | * | * | * | * | | | * | | | | * | * | * | | | | | |
| Brussels | * | * | * | * | * | 29.50 | — 3.0 | 45 | 42 | 0 | WSW | 62 | 45 | 0.04 | | | | | |
| Charleville | * | * | * | * | * | | | * | | | | * | * | * | | | | | |
| Paris | 29.59 | 60 | SE | 4 | 0 | 29.70 | — 1.2 | 47 | 43 | 5 | WSW | * | * | 0.04 | | | | | |
| Lyons | * | * | * | * | * | | | * | | | | * | * | * | | | | | |
| Toulon | 29.78 | 52 | W | 5 | 0 | 29.77 | — 0.5 | 46 | 44 | 1 | NE | 63 | 45 | — | | | | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|-------|----|----|---|-----|----|----|------|--|--|--|--|--|
| Hawes Junction | 28.02 | 44 | SW | 2 | + | 28.17 | — 0.4 | 39 | 39 | 2 | NNW | 44 | 34 | 0.51 | | | | | |
|----------------|-------|----|----|---|---|-------|-------|----|----|---|-----|----|----|------|--|--|--|--|--|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wsp. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wsp. | Sea. |
|---------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|
| Skudesnaes | 29.74 | 42 | 38 | SSE | 8 | 6 | Valentia | 29.39 | 49 | 45 | NNW | 4 | 0.09 |
| Sumburgh Head | 29.32 | 44 | 41 | SSE | 9 | m | Scilly | 29.38 | 50 | 50 | WNW | 6 | + |
| Stornoway | 29.00 | 49 | 46 | S | 7 | e | Dover | 29.63 | 51 | 48 | SW | 3 | + |
| Aberdeen | 29.30 | 44 | 42 | S | 8 | + | London | 29.52 | 53 | 47 | SW | 3 | + |
| Shields | 29.37 | 45 | 44 | S | 5 | 0 | Yarmouth | 29.59 | 46 | 44 | S | 3 | 0 |
| Ardrossan | 29.22 | 47 | 45 | SW | 3 | 0 | Jersey | 29.60 | 50 | 46 | SW | 4 | 0.04 |
| Mullaghmore | 29.21 | 48 | 46 | WSW | 6 | 0.9 | Rocheport | 29.80 | 61 | 51 | SW | 7 | 0 |
| Holyhead | 29.27 | 46 | 46 | WNW | 3 | + | | | | | | | |

The barometer is recovering a little in the N., and the small depression from Ireland, and the larger one off the N. of Scotland are travelling slowly NE. The wind has veered to NW. in the SW., but is still S.W. elsewhere. The weather is dull and rainy.

EXPLANATION OF COLUMNS.

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); n. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

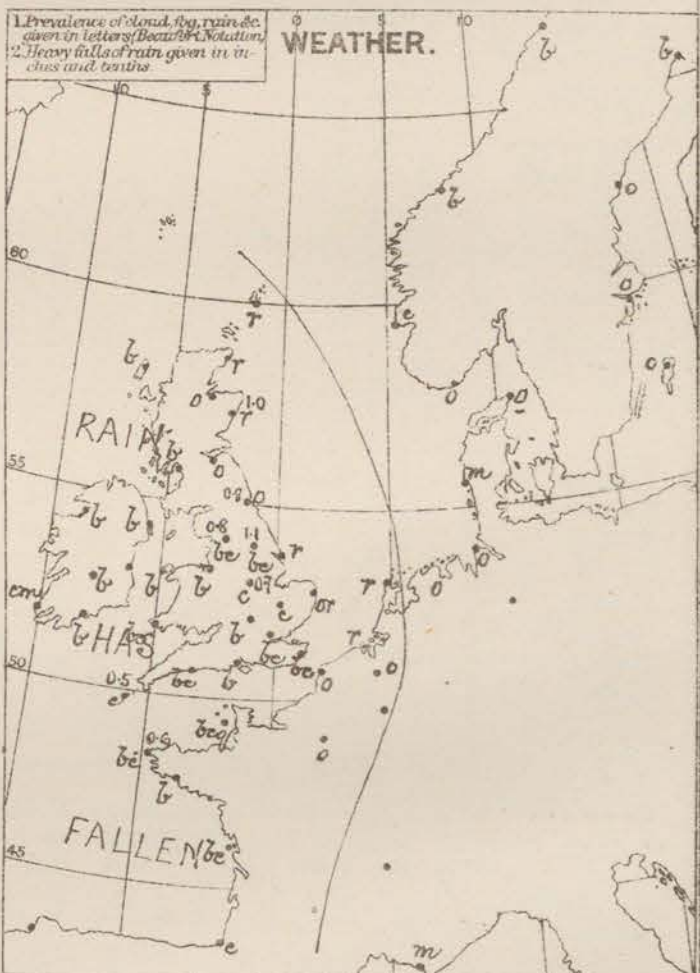
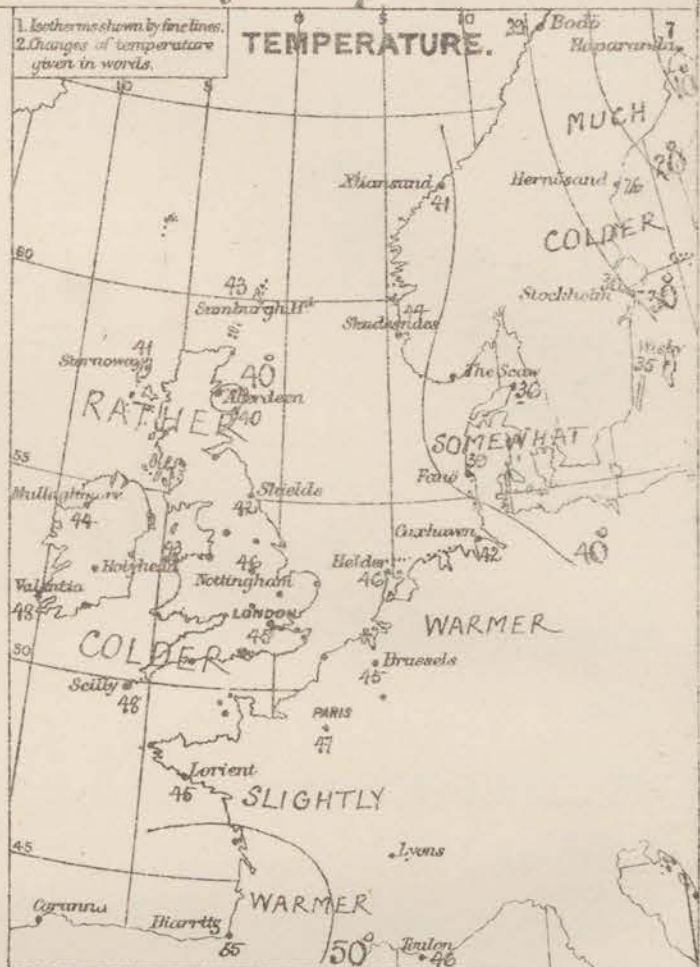
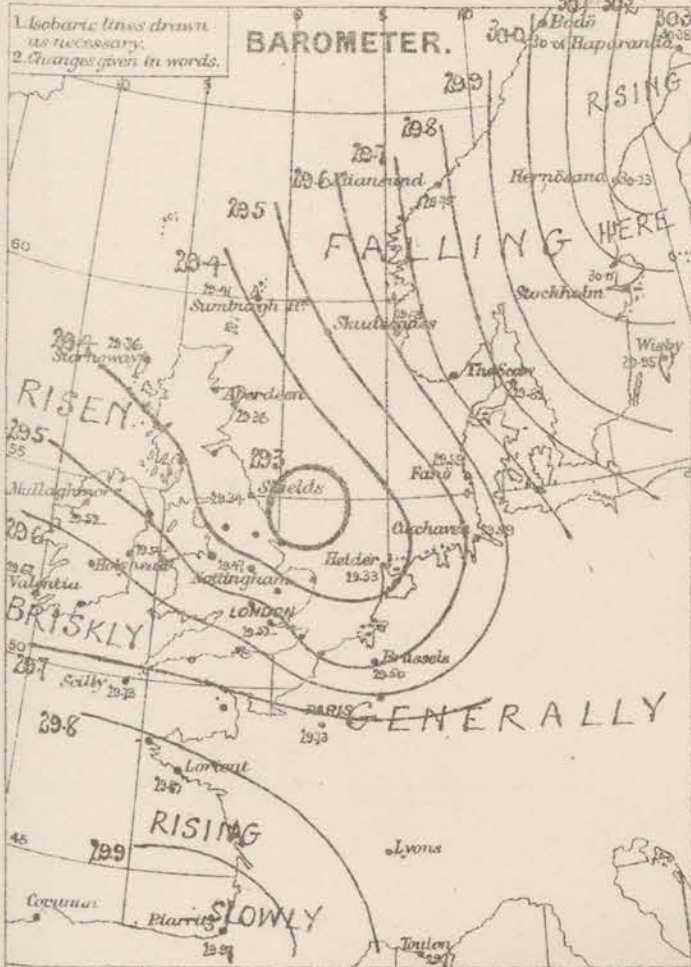
* AN ASTERISK is inserted in all places for which information is not usually received.

The evening observations are taken at 8 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

Less Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS 30.1-30.3 for 8 a.m. on Thursday 1st April 1880.



REMARKS. The depression which lay off the W. coast of Scotland yesterday has since passed away, but the smaller disturbances which were travelling over us have apparently coalesced, and a well marked depression is shown this morning off the E. coast of England. The barometer is falling at our extreme E. stations, as well as in the countries to the E. of the North Sea, and over the N. of France, whereas the barometer is rising, but at Valencia the change has not been much since last evening. The highest pressures are reported from the S. of France. The wind is W. to NW over nearly the whole of our Islands and France, while in the Netherlands it blows into SW, and in Denmark, Norway and the Shetlands into SE. It is fresh to strong in force generally, and reaches a gale at Edinburgh H. The weather is dull and rainy over our NE. coasts, and over the North Sea, but is fine and bright at most of our own and the French stations. Rain has fallen in all parts of the Kingdom, the amount being nearly an inch in the N. Temperature has fallen generally, and ranges from 48° in the SW to 40° in the NE. The sea is rough in the SW and W. and high at Edinburgh Heads and Fochyfat.

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

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

R. H. SCOTT.
Secretary

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 2nd 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 6 A.M. TO DAY. | | | | | | PAST 24 HOURS. | | | |
|---|------------------------------------|-----------------|--------|-------------------|----------|---|----------------|------|-----------------------------------|-------|----------|----------------|----------------|------|---------------------|------|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer. Reading at 32° F. and Sea Level. | SHADE TEMP. | | Difference from 9 a.m. yesterday. | WIND. | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dirac. | Force. (0 to 15). | | | Dry. | Wet. | | | | | Max. | Min. | | |
| Haparanda | 30.51 | 18 | E | 2 | 0 | 30.60 | + 22 | 16 | 13 | + 9 | E | 2 | 6 | 27 | 5 | — |
| Hernösand | 30.26 | 31 | NE | 4 | 0 | 30.32 | + 09 | 25 | 23 | — 1 | NE | 4 | 0 | 39 | 19 | — |
| Stockholm | 30.05 | 32 | NE | 2 | 0 | 30.10 | + 03 | 22 | 29 | + 2 | ENE | 6 | 0 | 37 | 25 | — |
| Wisby | 29.97 | 32 | E | 2 | 0 | 29.97 | + 02 | 35 | 33 | 0 | ESE | 4 | 0 | 43 | 30 | 0.04 |
| Bodö | | | | | | | | | | | | | | | | |
| Christiansund | 29.78 | 40 | SE | 1 | 6 | 29.73 | — 02 | 40 | 33 | — 1 | ESE | 3 | 6 | 50 | 31 | — |
| † Skudesnaes | 29.75 | 42 | ESE | 6 | 6 | 29.70 | + 07 | 40 | 34 | — 4 | ESE | 6 | 10 | 48 | ? | — |
| Oxö (Xiansund) | 29.88 | 36 | NE | 2 | 0 | 29.82 | + 06 | 35 | 32 | — 1 | ENE | 8 | 0 | 36 | 32 | — |
| Skagen (The Skaw) | 29.86 | 38 | ESE | 6 | 6 | 29.89 | + 07 | 34 | 32 | — 2 | ESE | 5 | 0 | 45 | 32 | — |
| Fenö | 29.66 | 41 | SE | 4 | 6 | 29.67 | + 08 | 40 | 39 | + 1 | SSE | 4 | 6 | 48 | 37 | 0.24 |
| Cuxhaven | 29.62 | 47 | SW | 2 | r | 29.74 | + 15 | 41 | 40 | — 1 | S | 2 | 0 | 48 | 36 | 0.10 |
| † Sumburgh Head | 29.55 | 43 | SE | 6 | r | 29.41 | 00 | 41 | 40 | — 2 | SE | 8 | 0 | 44 | 40 | 0.30 |
| † Stornoway | 29.48 | 46 | S | 3 | 6 | 29.05 | — 31 | 41 | 41 | 0 | ESE | 6 | r | 48 | 40 | 0.18 |
| Wick | 29.55 | 43 | SE | 2 | c | 29.35 | — 12 | 43 | 43 | + 2 | SE | 8 | 0 | 46 | 40 | 0.07 |
| Nairn | 29.52 | 45 | ENE | 1 | bc | 29.24 | — 14 | 42 | 40 | + 2 | ENE | 1 | 0 | 52 | 37 | — |
| † Aberdeen | 29.54 | 45 | N | 3 | c | 29.34 | — 02 | 42 | 41 | + 2 | S | 5 | 09 | 46 | 40 | 0.17 |
| Leith | 29.55 | 49 | NNW | 2 | bc | 29.32 | — 02 | 40 | 40 | — 2 | S | 2 | r | 58 | 34 | 0.04 |
| † Shields | 29.53 | 43 | N | 4 | 6 | 29.35 | + 01 | 40 | 40 | — 2 | SW | 2 | r | 47 | 37 | 0.02 |
| Spurn Head | 29.50 | 44 | NN | 6 | c | 29.49 | + 19 | 42 | 41 | + 2 | SW | 5 | r | 48 | 38 | 0.08 |
| York | 29.54 | 47 | W | 4 | 6 | 29.47 | + 10 | 40 | 40 | — 4 | S | 1 | r | 52 | 38 | 0.05 |
| Nottingham | 29.65 | 46 | NNW | 3 | 6 | 29.48 | + 01 | 44 | 43 | — 2 | SW | 3 | r | 53 | 35 | 0.04 |
| † Ardrossan | 29.58 | 48 | NN | 2 | bc | 29.23 | — 20 | 43 | 42 | — 1 | SW | 3 | 0 | 51 | 38 | 0.29 |
| † Mullaghmore | 29.59 | 50 | WSW | 4 | c | 29.22 | — 30 | 49 | 47 | + 5 | W | 6 | 09m | 50 | 43 | 0.26 |
| Donaghadee | 29.48 | 46 | WNW | 2 | 0 | 29.23 | — 26 | 47 | 47 | + 4 | WNW | 3 | bc | 51 | 39 | 0.27 |
| Parsonstown | 29.67 | 50 | SW | 2 | 0 | 29.32 | — 32 | 52 | 49 | + 10 | SW | 5 | c | 52 | 40 | 0.36 |
| † Holyhead | 29.67 | 48 | WSW | 3 | 0 | 29.32 | — 22 | 46 | 46 | + 3 | SW | 4 | r | 51 | 42 | 0.25 |
| Liverpool (Bidston) | 29.64 | 46 | W | 4 | bc | 29.35 | — 13 | 43 | 43 | 0 | SE | 4 | r | 48 | 42 | 0.19 |
| † Valentia | 29.70 | 48 | SW | 4 | avg | 29.44 | — 33 | 53 | 51 | + 5 | WSW | 4 | 0m | 54 | 46 | 0.60 |
| Roche's Point | 29.72 | 49 | WSW | 4 | 0 | 29.41 | — 27 | 52 | 50 | + 9 | WSW | 4 | c | 53 | 43 | 0.32 |
| Pembroke | 29.73 | 47 | W | 4 | c | 29.38 | — 25 | 48 | 48 | + 4 | W | 4 | 0 | 48 | 44 | 0.42 |
| † Scilly | 29.86 | 49 | SW | 6 | 0 | 29.53 | — 20 | 52 | 52 | + 4 | W | 6 | r | 52 | 45 | 0.44 |
| Prawle Point | 29.81 | 48 | W | 4 | 0 | 29.51 | — 16 | 46 | 46 | + 1 | S | 6 | r | 53 | 41 | 0.15 |
| Hurst Castle | 29.76 | 48 | WSW | 4 | bc | 29.63 | 00 | 45 | 45 | + 2 | SW | 5 | rm | 53 | 43 | 0.11 |
| † Dover | 29.69 | 45 | W | 5 | c/p | 29.67 | + 18 | 46 | 45 | + 1 | WSW | 4 | 0 | 53 | 41 | 0.18 |
| † London | 29.68 | 49 | WNW | 4 | 6 | 29.63 | + 11 | 45 | 44 | 0 | SW | 3 | r | 54 | 39 | 0.07 |
| Oxford | 29.71 | 48 | W | 2 | bc | 29.54 | + 01 | 44 | 42 | 0 | W | 2 | 0r | 53 | 41 | 0.12 |
| Cambridge | 29.64 | 48 | W | 2 | 6 | 29.57 | + 12 | 42 | 41 | — 2 | S | 1 | r | 55 | 34 | — |
| † Yarmouth | 29.55 | 48 | NNW | 4 | c | 29.59 | + 25 | 43 | 42 | 0 | SW | 3 | c | 50 | 37 | 0.02 |
| The Helder | * | * | * | * | * | 29.65 | + 22 | 44 | 43 | — 2 | SW | 3 | c | * | * | * |
| Cape Gris Nez | 29.69 | 46 | W | 7 | c | 29.73 | + 24 | 46 | 46 | 0 | SW | 5 | c | 50 | 46 | 0.04 |
| † Jersey | 29.89 | 47 | W | 5 | 0 | 29.72 | — 02 | 45 | 45 | — 2 | SW | 4 | 0m | 52 | 45 | 0.11 |
| Brest | 29.96 | 49 | NNW | 5 | 0 | 29.70 | — 13 | 50 | 49 | + 3 | SW | 7 | r | 52 | ? | 0.24 |
| Lorient | 29.93 | 49 | NN | 7 | 0 | 29.77 | — 05 | 48 | 47 | + 3 | SW | 7 | r | 54 | 43 | 0.16 |
| † Rochefort | 30.00 | 53 | NW | 9 | c | 29.97 | + 08 | 49 | 48 | — 2 | W | 7 | r | 57 | 43 | 0.04 |
| Biarritz | | | | | | | | | | | | | | | | |
| Corunna | * | * | * | * | * | | | | | | | | | * | * | * |
| Brussels | * | * | * | * | * | 29.78 | + 28 | 45 | 42 | 0 | SW | 4 | bc | 53 | 40 | 0.04 |
| Charleville | | | | | | | | | | | | | | * | * | * |
| Paris | 29.84 | 50 | SW | 3 | 6 | 29.80 | + 13 | 46 | 43 | — 1 | WSW | 3 | 0 | * | * | 0.08 |
| Lyons | 29.91 | 51 | N | 1 | bc | 30.00 | + 19 | 46 | 42 | — 3 | E | 1 | 6 | 52 | 34 | — |
| Toulon | 29.81 | 51 | NN | 7 | bc | ? 29.74 | + 07 | 44 | 40 | — 2 | NN | 9 | 6 | 52 | 43 | 0.04 |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.34 | 43 | W | 3 | 6 | 28.18 | + 01 | 39 | 39 | 0 | SW | 3 | r | 45 | 33 | 0.25 |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|------|----|----|---|----|---|----|----|------|
| Hawes Junction | 28.34 | 43 | W | 3 | b | 28.18 | + 01 | 39 | 39 | 0 | SW | 3 | 45 | 33 | 0.25 |
|----------------|-------|----|---|---|---|-------|------|----|----|---|----|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

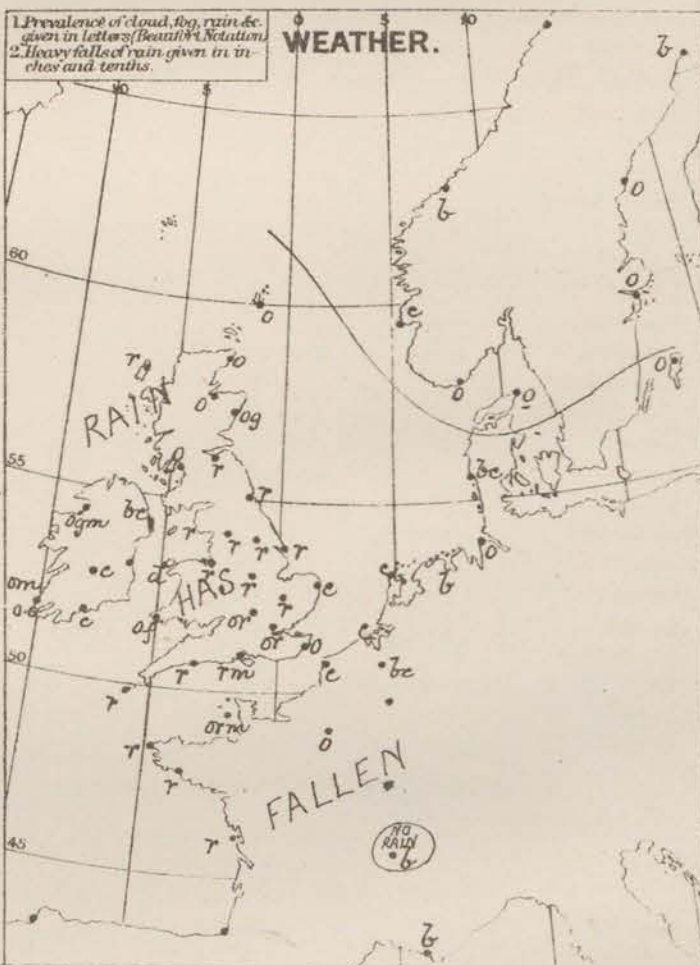
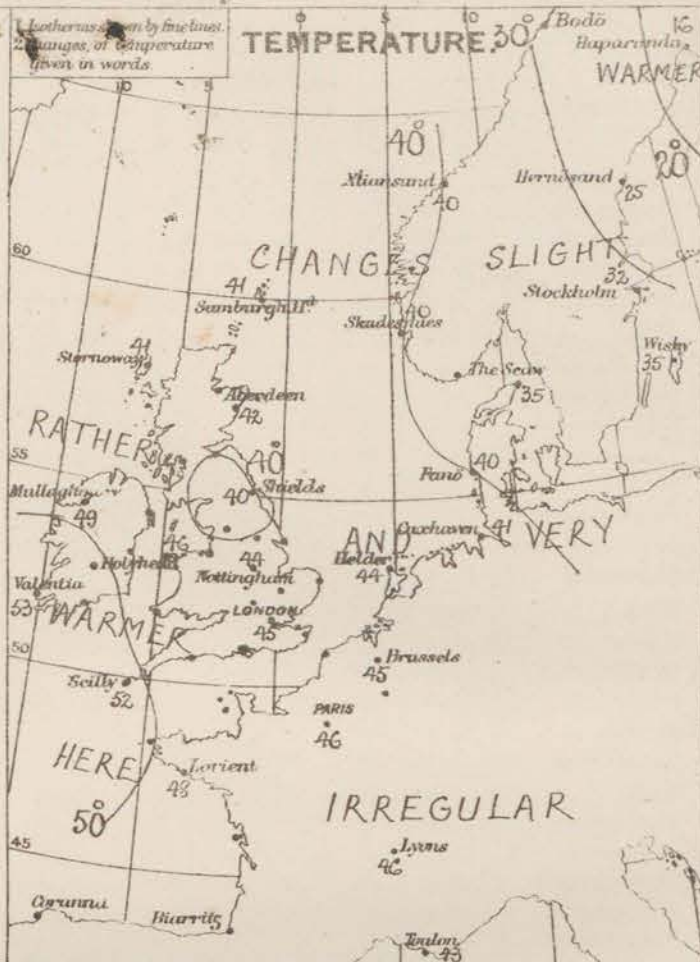
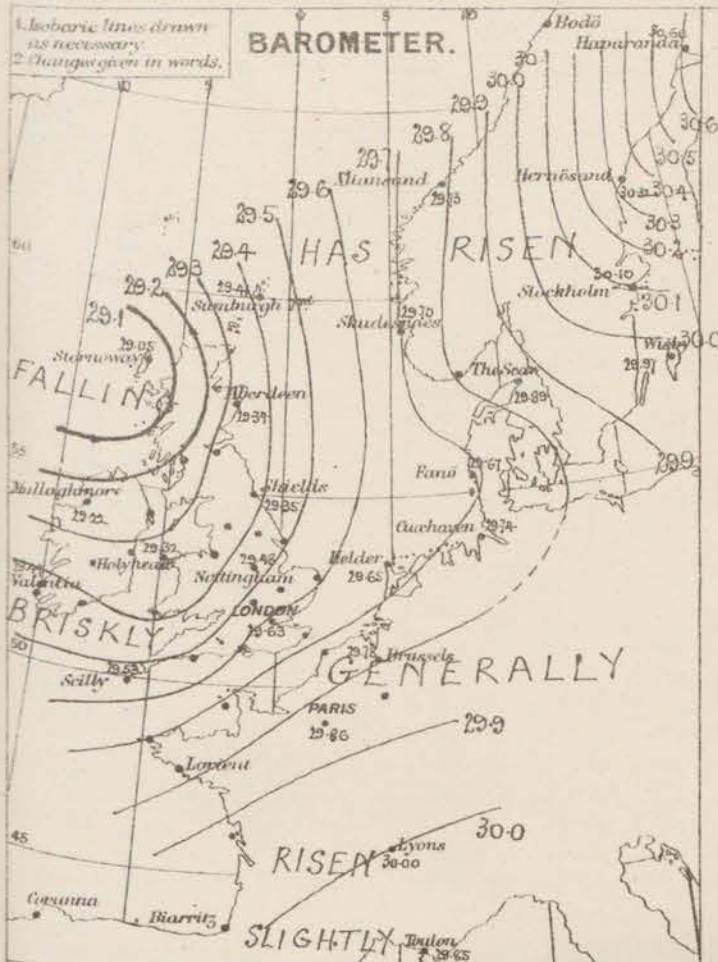
| | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 29.69 | 48 | 40 | E | 8 | b | 4 | Valentia ... | 29.75 | 53 | 48 | W | 4 | op | 5 |
| Sumburgh Head | 29.47 | 43 | 42 | SE | 8 | r | 8 | Scilly ... | 29.85 | 49 | 48 | WNW | 4 | op | 6 |
| Stornoway ... | 29.43 | 48 | 45 | SW | 1 | bc | 3 | Dover ... | 29.61 | 52 | 46 | W | 4 | bc | 3 |
| Aberdeen ... | 29.46 | 44 | 43 | N | 4 | r | 6 | London ... | 29.61 | 51 | 44 | WNW | 5 | cq | * |
| Shields ... | 29.43 | 47 | 42 | NNW | 7 | o | 5 | Yarmouth ... | 29.47 | 48 | 43 | WNW | 4 | a | 3 |
| Ardrossan ... | 29.51 | 47 | 43 | NW | 3 | b | 2 | Jersey ... | 29.74 | 50 | 47 | W | 6 | bc | 5 |
| Mullaghmore ... | 29.59 | 50 | 49 | W | 5 | c | 4 | Rochefort ... | 29.98 | 54 | 49 | NW | 9 | bc | ? |
| Holyhead ... | 29.65 | 48 | 45 | WNW | 4 | b | 3 | | | | | | | | |

The barometer has been steady at Valentia since noon, but in all other places the mercury is rising, and the depression on our eastern coast seems to be falling up. The weather is rainy in the E. fair elsewhere.

EXPLANATION OF COLUMNS.

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. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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.

WEATHER CHARTS for 8 a.m. on Fri-day 2nd APRIL 1880.



A dotted line is drawn round the coast of ports where the signals are not up --

REMARKS. A new and rather deep depression has advanced during the night to the W. coast of Scotland, while smaller subsidiary disturbances are shown in different parts of our area. In consequence the barometer is falling in nearly all parts of Wth Europe, the decrease being greatest on our NW coasts, but over Sweden the mercury is still rising, and in Lapland the barometer is as high as 30.60 in. The wind circulates round the area of low pressure, in the different parts, and in the different parts its direction is influenced by the small disturbances noticed above. On most of our Wth coasts it is W^{ly}, but draws into SW over the N. of France and on Eth districts, into S. on our NE coasts and into SE in Norway and the N. of Scotland. It is generally fresh or strong in force and reaches a fresh gale in Britain and the Shetlands. The weather is very wet dull and unsettled generally, and rain has fallen in all places during the past 24 hours. Temperature has changed little and irregularly and readings range from 52° in the SW to 48° in the NE of England. Sea is very high over the Shetlands and rough to high in the SW, W. and N. The South Sea is flying on our SW, Wth and Nth coasts.

| | |
|---|---|
| Subscription for these charts payable in advance to cover delivery. | Delivery by hand 10/- per quarter. " book post 5/- " " |
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Meteorological Office.
116, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

APRIL 3RD 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|-------------|------|---------------------|---|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dirac. | Force. (0 to 19). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 19). | | | Max. | Min. | | | |
| Haparanda | 30.59 | 10 | SE | 2 | o | 30.60 | 00 | 21 | 18 | + 5 | SE | 2 | o | • | 25 | 9 | — | | |
| Hernösand | 30.36 | 27 | ENE | 6 | o | 30.34 | + .02 | 23 | 22 | — 2 | ENE | 4 | o | • | 22 | 21 | — | | |
| Stockholm | 30.10 | 30 | E | 8 | o | 30.08 | — .02 | 27 | 25 | — 5 | ENE | 8 | o | • | 43 | 27 | — | | |
| Wisby | 29.98 | 34 | E | 4 | o | 29.99 | — .08 | 32 | 31 | — 3 | E | 6 | o | • | 39 | 30 | — | | |
| Bodö | 30.20 | ? | E | 8 | b | 30.15 | | 21 | 18 | | E | 9 | b | 7 | 28 | 19 | — | | |
| Christiansund | 29.65 | 40 | SSE | 7 | b | 29.62 | — .11 | 38 | 32 | — 2 | SE | 6 | b | 3 | 45 | 32 | — | | |
| † Skudesnaes | 29.54 | 41 | ESE | 8 | o | 29.54 | — .16 | 41 | 38 | + 1 | ESE | 7 | o | 5 | 43 | ? | — | | |
| Oxö (Xtiansund) | 29.71 | 37 | ESE | 8 | ost | 29.71 | — .11 | 37 | 35 | + 2 | E | 8 | o | 5 | 55 | ? | 0.16 | | |
| Skagen (The Skaw) | 29.23 | 37 | ESE | 6 | o | 29.20 | — .09 | 36 | 34 | + 2 | ESE | 6 | o | 4 | 37 | 32 | — | | |
| Fanö | 29.62 | 41 | SSE | 4 | r | 29.59 | — .10 | 40 | 40 | o | SE | 6 | o | • | 46 | 39 | 0.20 | | |
| Cuxhaven | 29.74 | 45 | ENE | 3 | r | 29.58 | — .16 | 44 | 43 | + 3 | SSE | 3 | o | • | 48 | 39 | 0.09 | | |
| † Sumburgh Head | 29.23 | 42 | SE | 8 | r | 29.22 | — .19 | 45 | 44 | + 4 | SE | 5 | o | 6 | 45 | 40 | 0.16 | | |
| † Stornoway | 29.13 | 47 | W | 4 | b | 29.13 | + .08 | 43 | 42 | + 2 | SE | 2 | b | 2 | 50 | 38 | 0.05 | | |
| Wick | 29.19 | 45 | S | 1 | c | 29.19 | — .06 | 47 | 44 | + 4 | SW | 1 | c | 4 | 47 | 40 | 0.02 | | |
| Nairn | 29.19 | 47 | SW | 1 | c | 29.21 | — .03 | 43 | 42 | + 1 | W | 1 | bc | 1 | 53 | 40 | 0.05 | | |
| † Aberdeen | 29.23 | 45 | S | 2 | c | 29.26 | — .08 | 45 | 43 | + 3 | SSW | 1 | c | 4 | 45 | 37 | 0.05 | | |
| Leith | 29.25 | 49 | W | 1 | c | 29.29 | — .03 | 47 | 44 | + 7 | SW | 1 | b | • | 54 | 39 | 0.07 | | |
| † Shields | 29.28 | 52 | W | 2 | c | 29.37 | + .02 | 50 | 48 | + 10 | SW | 1 | o | 4 | 52 | 43 | 0.05 | | |
| Spurn Head | 29.32 | 48 | SW | 4 | c | 29.44 | — .05 | 48 | 48 | + 6 | SW | 3 | c | 3 | 49 | 41 | 0.09 | | |
| York | 29.32 | 51 | W | 4 | c | 29.43 | — .04 | 50 | 48 | + 10 | SW | 1 | o | • | 53 | 39 | 0.08 | | |
| Nottingham | 29.41 | 51 | SW | 2 | c | 29.49 | + .01 | 52 | 50 | + 8 | SSW | 3 | o | • | 56 | 43 | 0.19 | | |
| † Ardrossan | 29.27 | 50 | WNW | 3 | c | 29.28 | + .05 | 46 | 45 | + 3 | SSW | 3 | c | 2 | 52 | 38 | 0.20 | | |
| † Mullaghmore | 29.30 | 50 | WSW | 4 | o | 29.22 | .00 | 47 | 47 | — 2 | SW | 5 | opg | 5 | 53 | 43 | 0.12 | | |
| Donaghadee | 29.33 | 52 | SSE | 2 | bc | 29.33 | + .10 | 48 | 48 | + 1 | SSW | 4 | o | 2 | 55 | 43 | 0.02 | | |
| Parsonstown | 29.38 | 54 | SW | 1 | o | 29.37 | + .05 | 50 | 47 | + 2 | SW | 3 | o | • | 58 | 46 | 0.05 | | |
| † Holyhead | 29.39 | 51 | WSW | 3 | c | 29.41 | + .09 | 49 | 48 | + 3 | SW | 4 | o | 3 | 53 | 46 | 0.01 | | |
| Liverpool (Bidston) | 29.38 | 49 | W | 2 | c | 29.42 | + .07 | 52 | 49 | + 9 | SW | 2 | bc | • | 55 | 43 | 0.02 | | |
| † Valentia | 29.44 | 53 | SW | 5 | c | 29.42 | — .02 | 50 | 49 | — 3 | SW | 5 | cp | 5 | 57 | 49 | 0.04 | | |
| Roche's Point | 29.47 | 52 | W | 4 | bc | 29.45 | + .04 | 52 | 50 | o | WSW | 5 | c | 4 | 58 | 50 | 0.25 | | |
| Pembroke | 29.47 | 49 | WSW | 4 | c | 29.52 | + .14 | 48 | 48 | o | SW | 4 | o | 3 | 52 | 43 | 0.02 | | |
| † Scilly | 29.60 | 52 | WSW | 5 | o | 29.63 | + .10 | 52 | 50 | o | WSW | 6 | o | 6 | ? 56 | 49 | 0.07 | | |
| Prawle Point | 29.56 | 49 | WSW | 4 | r | 29.63 | + .12 | 48 | 48 | + 2 | SW | 4 | xf | 4 | 53 | 45 | 0.17 | | |
| Hurst Castle | 29.51 | 48 | W | 4 | o | 29.64 | + .01 | 48 | 48 | + 3 | W | 3 | om | 3 | 50 | 45 | 0.23 | | |
| Dover | 29.47 | 47 | WSW | 4 | o | 29.59 | — .08 | 47 | 46 | + 1 | WSW | 4 | of | 3 | 49 | 45 | 0.38 | | |
| London | 29.45 | 53 | WSW | 2 | bc | 29.57 | — .06 | 53 | 50 | + 8 | SW | 3 | o | • | 53 | 45 | 0.21 | | |
| Oxford | 29.43 | 54 | WSW | 1 | b | 29.55 | + .01 | 50 | 49 | + 6 | SW | 2 | b | • | ? 54 | 41 | 0.20 | | |
| Cambridge | 29.39 | 50 | SW | 1 | bc | 29.53 | — .04 | 52 | 50 | + 10 | SW | 1 | b | • | 53 | 42 | — | | |
| † Yarmouth | 29.42 | 46 | SSW | 0 | o | 29.52 | — .07 | 49 | 48 | + 6 | WSW | 2 | c | 2 | 49 | 42 | 0.22 | | |
| The Helder | • | • | • | • | • | 29.52 | — .13 | 45 | 44 | + 1 | WSW | 1 | b | • | • | • | • | | |
| Cape Gris Nez | 29.50 | 47 | SSW | 7 | r | 29.62 | — .11 | 47 | 47 | + 1 | SW | 7 | f | 5 | 48 | 45 | 0.32 | | |
| Jersey | 29.65 | 49 | W | 5 | f | 29.73 | + .01 | 49 | 49 | + 4 | W | 2 | f | 3 | 50 | 44 | 0.38 | | |
| Brest | 29.74 | 50 | WNW | 4 | f | 29.75 | + .05 | 50 | 50 | o | W | 4 | m | 5 | 52 | 45 | 0.35 | | |
| Lorient | 29.73 | 51 | W | 7 | m | 29.77 | .00 | 51 | 50 | + 3 | W | 7 | m | 5 | 52 | 46 | 0.51 | | |
| Rochefort | 29.80 | 54 | WNW | 9 | r | 29.87 | — .10 | 54 | 54 | + 5 | W | 9 | r | 7 | 59 | 43 | 0.71 | | |
| Biarritz | 29.96 | 58 | W | 8 | o | 30.01 | | 57 | 55 | | W | 5 | r | 4 | 59 | 48 | 0.47 | | |
| Corunna | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| Brussels | • | • | • | • | • | 29.64 | — .14 | 49 | 48 | + 4 | SW | 5 | o | • | 52 | 45 | 0.12 | | |
| Charleville | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| Paris | 29.68 | 48 | SSE | 3 | r | 29.75 | — .11 | 53 | 50 | + 7 | SSW | 3 | o | • | • | • | 0.24 | | |
| Lyons | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| Toulon | 29.88 | 53 | NW | 5 | bc | 30.01 | + .17 | 52 | 49 | + 8 | W | 2 | o | bc | 2 | 49 | ? | — | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.11 | 444 | W | 4 | c | 28.17 | — .01 | 44 | 44 | + 5 | WSW | 4 | r | • | 46 | 37 | 0.28 | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|-----|---|---|---|----|----|------|--|--|--|
| Hawes Junction | 28.11 | 44 | W | 4 | o | 28.17 | — .01 | 44 | 44 | + 5 | WSW | 4 | + | • | 46 | 37 | 0.28 | | | |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|-----|---|---|---|----|----|------|--|--|--|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 29.58 | 43 | 36 | ESE | 8 | c | 5 | Valentia ... | 29.46 | 56 | 54 | WSW | 6 | c | 6 |
| Sumburgh Head | 29.29 | 42 | 41 | SE | 9 | r | 8 | Scilly ... | 29.59 | 55 | 53 | W | 6 | o | 6 |
| Stornoway ... | 29.06 | 49 | 47 | W | 5 | c | 4 | Dover ... | 29.57 | 45 | 44 | SW | 5 | or | 4 |
| Aberdeen ... | 29.25 | 43 | 42 | S | 5 | r | 7 | London ... | 29.46 | 48 | 48 | S | 4 | od | * |
| Shields ... | 29.28 | 45 | 44 | SSW | 4 | o | 6 | Yarmouth ... | 29.51 | 45 | 44 | SSW | 4 | or | 3 |
| Ardrossan ... | 29.21 | 51 | 48 | W | 3 | c | 2 | Jersey ... | 29.60 | 50 | 50 | WSW | 5 | f | 5 |
| Mullaghmore ... | 29.29 | 52 | 50 | W | 5 | bcw | 4 | Rochefort ... | 29.83 | 51 | 51 | SW | 9 | r | 7 |
| Holyhead ... | 29.35 | 53 | 51 | WSW | 4 | c | 3 | | | | | | | | |

Pressure has risen a little since the morning on our W coast—fallen elsewhere, but at Valentia a slight decrease has occurred since Noon. Wind is W to S and is generally fresh in force.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

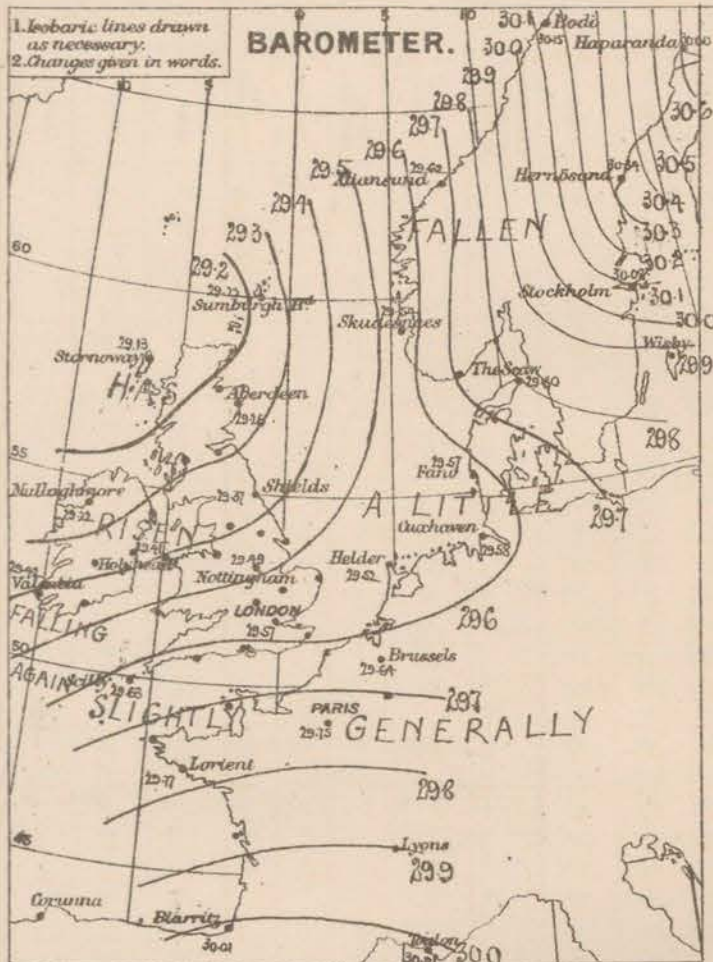
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Saturday 3rd APRIL 1880.

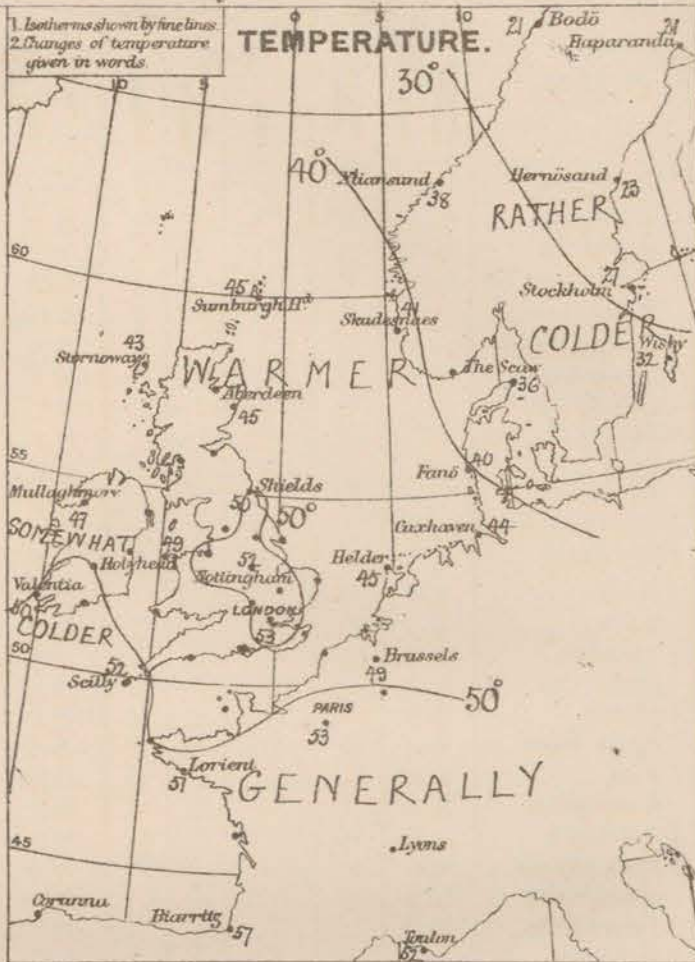
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



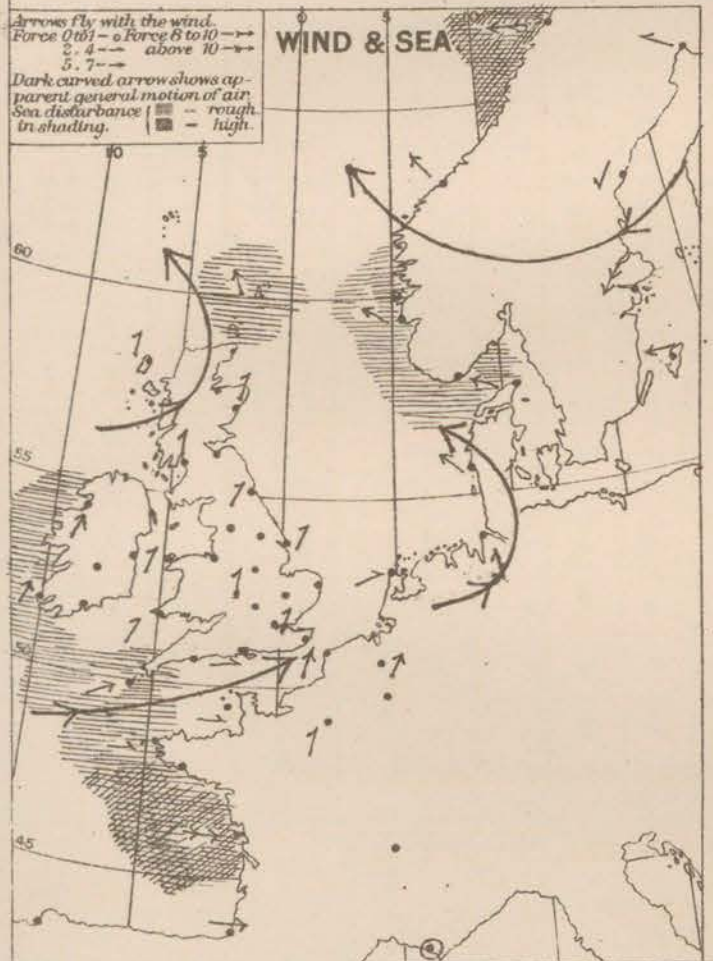
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



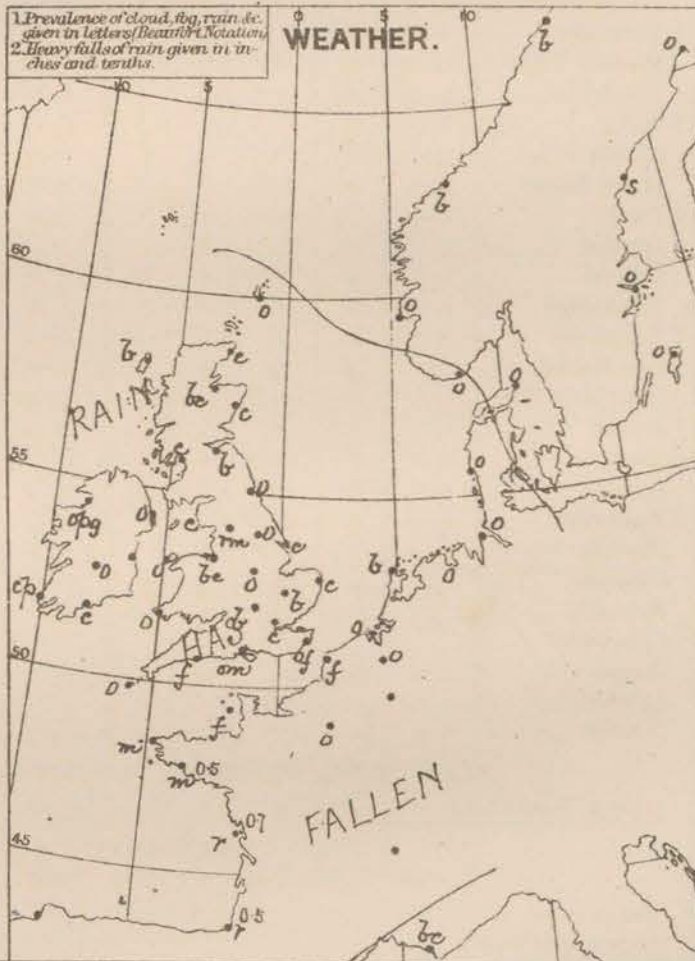
Arrows fly with the wind.
Force 0 to 10 — Force 6 to 10 —
2, 4 — above 10 —
5, 7 —
Dark curved arrow shows apparent general motion of air.
Sea disturbance: [hatched] — rough, [solid] — high.

WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters (B, c, r, f, &c.)
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS The barometer is falling a little this morning on our extreme W. and N. coasts, and in the NW. of Norway, but in all other parts of W. Europe the mercury is rising slowly. Readings remain very high over Lapland, and are comparatively high over the S. of France, while depressions are shown off the NW. coast of Scotland, and another over the North Sea near the Dutch coast. The wind is W. over France and our SW. coasts, SW. on most of our other coasts, but is SE. on the E. shores of the North Sea and in the Shetlands. It is strong in force in Denmark, Norway and over the Bay of Biscay, but is moderate to fresh at our stations. Temperature has risen except in the W. of Ireland, and readings range from 45° in the N. of Scotland to 65° in London. The weather varies a good deal, but is generally rather cloudy and rain has fallen at all stations. Sea is rough in the SW. W. and N.

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Delivery by hand 10/- per quarter book post 6/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 4th 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|-------------|----------------|---------------------|------|
| | Barometer at 33° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dirac. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda | 30.47 | 11 | E | 2 | b | 29.32 | -.28 | 12 | 9 | - | 9 | E | 2 | b | * | 21 | 1 | - |
| Hernösand | 30.22 | 26 | NE | 2 | bo | 30.04 | -.30 | 23 | 21 | 0 | 9 | NE | 2 | o | * | 24 | 18 | - |
| Stockholm | 29.98 | 27 | E | 6 | o | 29.92 | -.16 | 24 | ? | - | 3 | NE | 6 | o | * | 30 | ? | - |
| Wisby | 29.94 | 30 | E | 2 | o | 29.82 | -.07 | 30 | 30 | - | 2 | E | 4 | o | * | 36 | 28 | - |
| Bodö | 30.04 | 26 | E | 6 | b | 29.85 | -.30 | 22 | 19 | + | 1 | E | 8 | b | 6 | 28 | 19 | - |
| Christiansund | 29.59 | 39 | SE | 6 | bo | 29.47 | -.15 | 38 | 31 | 0 | 9 | SE | 4 | b | 3 | 45 | 30 | - |
| † Skudesnaes | 29.56 | 39 | ESE | 8 | o | 29.38 | -.16 | 38 | 23 | - | 3 | ESE | 8 | o | 5 | 41 | ? | - |
| Oxö (Klansund) | 29.76 | 35 | ENE | 8 | o | 29.65 | -.06 | 33 | 32 | - | 4 | ENE | 8 | o | 5 | ? | 30 | 0.08 |
| Skagen (The Skaw) | 29.83 | 34 | ESE | 5 | o | 29.75 | -.05 | 32 | 30 | - | 4 | ESE | 5 | o | 3 | 39 | 30 | - |
| Fanö | 29.60 | 39 | SE | 6 | f | 29.52 | -.05 | 39 | 39 | - | 1 | SE | 6 | f | * | 45 | 37 | 0.12 |
| Cuxhaven | 29.68 | 46 | SE | 2 | o | 29.57 | -.01 | 49 | 49 | + | 5 | S | 1 | o | * | ? | 41 | 0.07 |
| † Sumburgh Head | 29.17 | 44 | SSE | 4 | m | 29.10 | -.12 | 40 | 40 | - | 5 | SSE | 3 | f | 6 | 46 | 39 | 0.42 |
| † Stornoway | 29.09 | 40 | W | 6 | bo | 29.01 | -.12 | 40 | 40 | - | 3 | SSW | 2 | bo | 3 | 47 | 39 | 0.08 |
| Wick | 29.13 | 40 | NW | 2 | bo | 29.09 | -.10 | 43 | 41 | - | 4 | SW | 3 | bo | 4 | 53 | 37 | 0.05 |
| Nairn | 29.15 | 43 | W | 1 | c | 29.09 | -.12 | 40 | 38 | - | 3 | W | 1 | c | 1 | 53 | 35 | 0.05 |
| † Aberdeen | 29.18 | 50 | S | 3 | b | 29.16 | -.10 | 44 | 41 | - | 1 | S | 3 | b | 2 | 55 | 38 | 0.15 |
| Leith | 29.26 | 49 | NW | 2 | o | 29.17 | -.12 | 44 | 43 | - | 3 | NW | 1 | b | * | 57 | 36 | 0.11 |
| † Shields | 29.34 | 51 | SW | 2 | bo | 29.20 | -.17 | 41 | 40 | - | 9 | 2 | o | r | 2 | 55 | 43 | 0.05 |
| Spurn Head | 29.43 | 54 | SW | 4 | c | 29.21 | -.23 | 48 | 48 | 0 | 9 | SW | 5 | rg | 5 | 56 | 46 | 0.10 |
| York | 29.40 | 56 | WSW | 3 | bo | 29.22 | -.21 | 46 | 46 | - | 4 | S | 1 | r | * | 60 | 45 | 0.69 |
| Nottingham | 29.47 | 54 | SW | 3 | c | 29.24 | -.25 | 46 | 46 | - | 6 | WNW | 1 | r | * | 60 | 46 | 0.33 |
| † Ardrossan | 29.46 | 47 | SSW | 3 | r | 29.16 | -.12 | 44 | 42 | - | 2 | SSW | 3 | b | 3 | 52 | 41 | 0.31 |
| † Mullaghmore | 29.24 | 49 | WSW | 6 | bo | 29.14 | -.08 | 44 | 42 | - | 3 | SW | 5 | b | 4 | 52 | 41 | 0.17 |
| Donaghadee | 29.27 | 47 | SW | 3 | o | 29.22 | -.11 | 44 | 42 | - | 4 | WSW | 3 | b | 1 | 57 | 38 | 0.10 |
| Parsonstown | 29.35 | 48 | W | 3 | c | 29.28 | -.09 | 44 | 42 | - | 6 | SW | 3 | b | * | 55 | 37 | 0.15 |
| † Holyhead | 29.37 | 49 | SW | 5 | r | 29.23 | -.18 | 46 | 44 | - | 3 | W | 3 | c | 2 | 52 | 45 | 0.14 |
| Liverpool (Bishop) | 29.39 | 52 | SW | 4 | c | 29.21 | -.21 | 45 | 44 | - | 7 | WSW | 1 | o | 1 | 58 | ? | 0.33 |
| † Valentia | 29.38 | 52 | SW | 5 | c | 29.22 | -.10 | 47 | 43 | - | 3 | WSW | 5 | degh | 6 | 55 | 43 | 0.25 |
| Roche's Point | 29.45 | 52 | WSW | 5 | o | 29.32 | -.13 | 45 | 42 | - | 7 | W | 3 | b | 4 | 59 | 43 | 0.18 |
| Pembroke | 29.49 | 49 | SW | 5 | r | 29.29 | -.23 | 45 | 44 | - | 3 | W | 4 | bo | 3 | 51 | 43 | 0.27 |
| † Scilly | 29.60 | 52 | SW | 6 | o | 29.39 | -.24 | 49 | 48 | - | 3 | W | 5 | c | 5 | 55 | 47 | 0.16 |
| Prawle Point | 29.62 | 49 | SW | 4 | f | 29.36 | -.27 | 49 | 49 | + | 1 | SW | 5 | r | 5 | 51 | 48 | 0.15 |
| Hurst Castle | 29.64 | 48 | W | 4 | o | 29.39 | -.26 | 48 | 48 | 0 | 9 | WSW | 5 | omp | 4 | 50 | 48 | 0.05 |
| † Dover | 29.61 | 47 | WSW | 4 | o | 29.47 | -.17 | 48 | 48 | + | 1 | SW | 4 | of | 3 | 50 | 46 | 0.02 |
| † London | 29.58 | 55 | WSW | 2 | bo | 29.35 | -.22 | 53 | 51 | 0 | 9 | SSW | 3 | o | * | 62 | 49 | - |
| Oxford | 29.55 | 55 | SSW | 2 | bo | 29.29 | -.26 | 50 | 49 | 0 | 9 | S | 2 | o | * | 57 | 44 | 0.02 |
| Cambridge | 29.53 | 57 | SW | 1 | c | 29.30 | -.23 | 52 | 51 | 0 | 9 | S | 2 | o | * | 63 | 48 | - |
| † Yarmouth | 29.53 | 46 | S | 2 | c | 29.35 | -.17 | 51 | 50 | + | 2 | SSW | 2 | om | 3 | 57 | 45 | 0.32 |
| The Helder | * | * | * | * | * | 29.45 | -.07 | 46 | 46 | + | 1 | SSW | 2 | f | * | * | * | * |
| Cape Gris Nez | 29.65 | 46 | WSW | 5 | f | 29.47 | -.15 | 49 | 49 | + | 2 | SSW | 4 | f | 3 | 50 | 45 | 0.08 |
| † Jersey | 29.74 | 50 | WSW | 3 | c | 29.49 | -.24 | 52 | 51 | + | 3 | SW | 4 | o | 3 | 53 | 49 | 0.19 |
| Brest | 29.75 | 51 | WSW | 5 | o | 29.55 | -.20 | 51 | ? | + | 1 | W | 5 | o | ? | ? | ? | ? |
| Lorient | 29.80 | 52 | WSW | 7 | m | 29.56 | -.21 | 52 | 51 | + | 1 | WSW | 7 | r | 5 | 52 | 50 | 0.79 |
| † Rochefort | 29.92 | 55 | W | 7 | f | 29.77 | -.10 | 55 | 54 | + | 1 | WSW | 9 | r | 7 | 59 | 48 | 0.47 |
| Biarritz | 30.26 | 55 | SW | 4 | r | 29.91 | -.10 | 59 | 55 | + | 2 | S | 4 | r | 5 | 61 | 50 | 0.28 |
| Corunna | * | * | * | * | * | 29.97 | -.04 | 58 | * | 0 | 9 | W | 4 | om | 7 | * | * | * |
| Brussels | * | * | * | * | * | 29.51 | -.13 | 52 | 51 | + | 3 | S | 3 | o | * | 57 | 49 | 0.12 |
| Charleville | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Paris | 29.76 | 56 | SW | 3 | o | 29.54 | -.21 | 55 | 53 | + | 2 | SW | 5 | r | * | * | * | 0.35 |
| Lyons | 29.92 | 52 | S | 1 | o | 29.86 | -.03 | 52 | 51 | + | 4 | SSE | 1 | o | * | 56 | ? | 0.51 |
| Toulon | 29.98 | 51 | WNW | 4 | m | 29.94 | -.07 | 53 | 52 | + | 1 | SW | 5 | m | 3 | 64 | 50 | - |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.15 | 45 | WSW | 5 | r | 27.99 | -.18 | 40 | 40 | - | 4 | S | 2 | rw | * | 48 | 39 | 0.32 |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|------|----|----|-----|---|---|----|---|----|----|------|
| Hawes Junction | 28.15 | 45 | WSW | 5 | r | 27.99 | -.18 | 40 | 40 | -.4 | S | 2 | rw | + | 48 | 39 | 0.32 |
|----------------|-------|----|-----|---|---|-------|------|----|----|-----|---|---|----|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 29.56 | 41 | 36 | ESE | 8 | o | 5 | Valentia ... | 29.40 | 35 | 32 | SW | 6 | cb | 6 |
| Sumburgh Head | 29.22 | 44 | 43 | SSE | 5 | r | 6 | Scilly ... | 29.68 | 53 | 53 | SW | 6 | of | 6 |
| Stornoway ... | 29.41 | 47 | 45 | S | 6 | c | 5 | Dover ... | 29.62 | 49 | 40 | WSW | 3 | of | 3 |
| Aberdeen ... | 29.24 | 51 | 46 | S | 6 | c | 4 | London ... | 29.58 | 60 | 54 | W | 2 | o | * |
| Shields ... | 29.34 | 54 | 50 | SW | 4 | c | 4 | Yarmouth ... | 29.53 | 57 | 52 | WSW | 3 | c | 2 |
| Ardrossan ... | 29.23 | ? | ? | SSW | 4 | o | 4 | Jersey ... | 29.76 | 51 | 51 | W | 3 | f | 3 |
| Mullaghmore ... | 29.26 | 51 | 49 | WSW | 7 | bc | 5 | Rochefort ... | 29.92 | 56 | 55 | WNW | 7 | o | 4 |
| Holyhead ... | 29.41 | ? 52 | 51 | SW | 5 | o | 4 | | | | | | | | |

Pressure is changing very little and the area of low readings still lies off our NW coast, so that SW and S winds generally fresh in force prevail on all coast. The weather is cloudy and showers are falling at Valentia.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

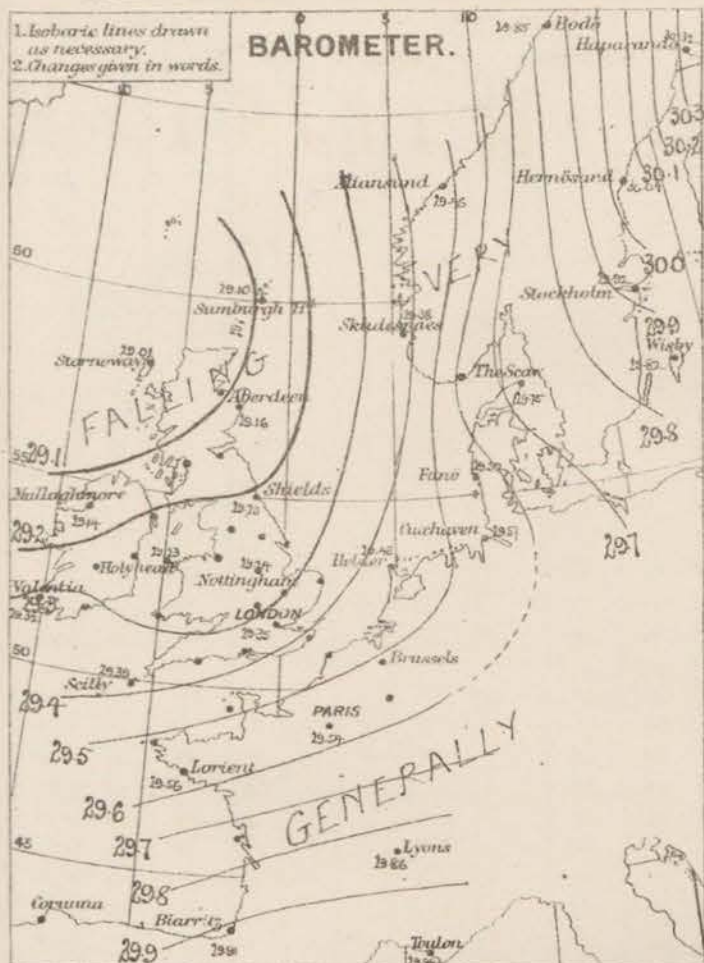
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Sunday 4th APRIL 1880.

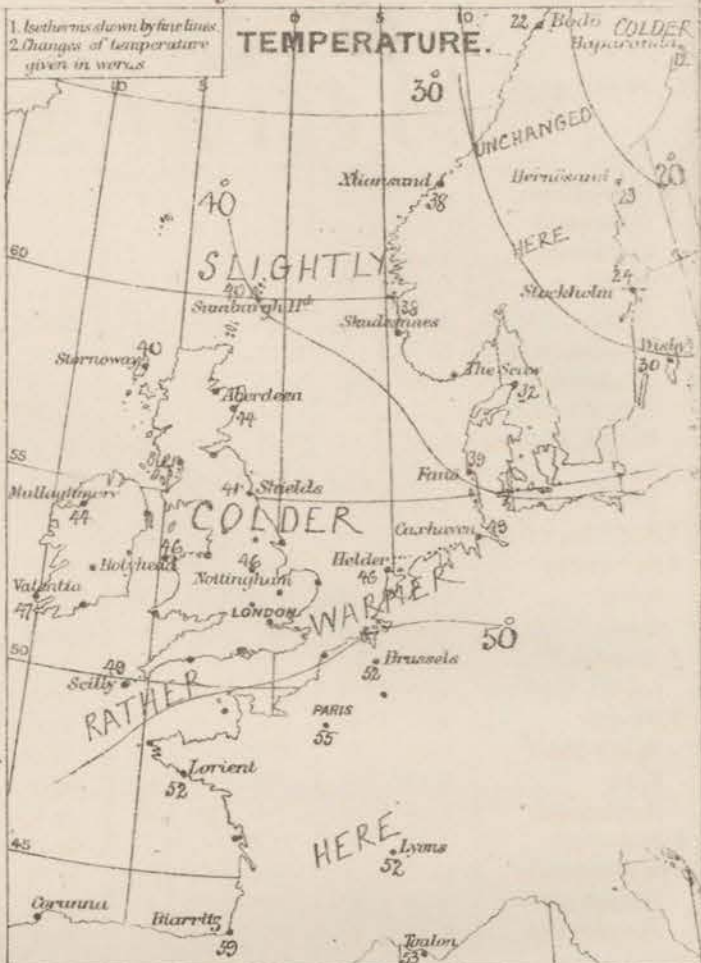
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



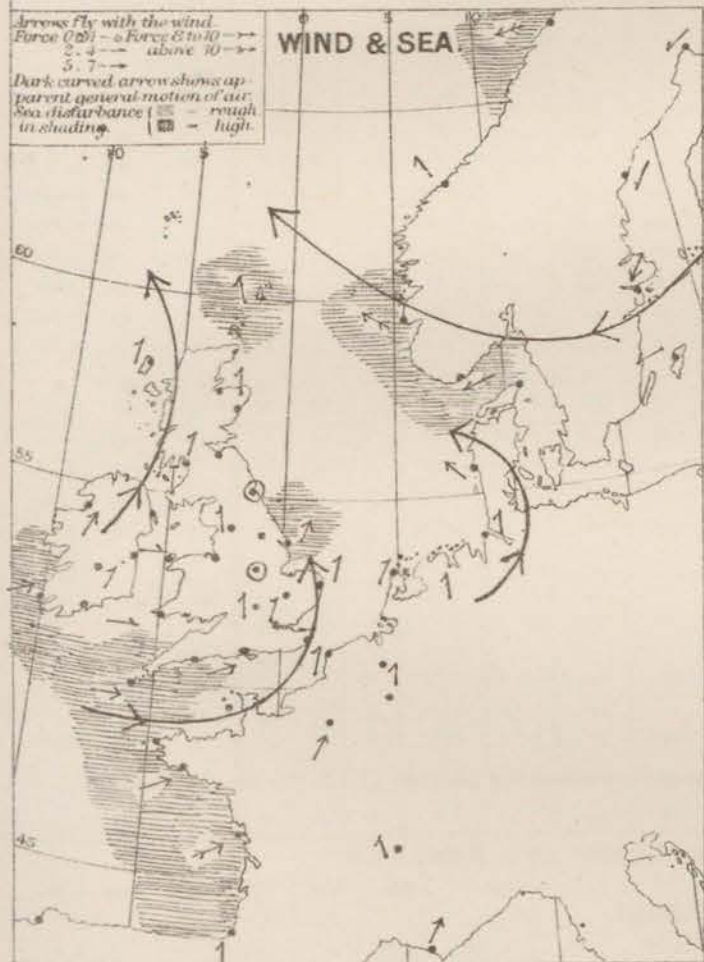
1. Isotherms drawn by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



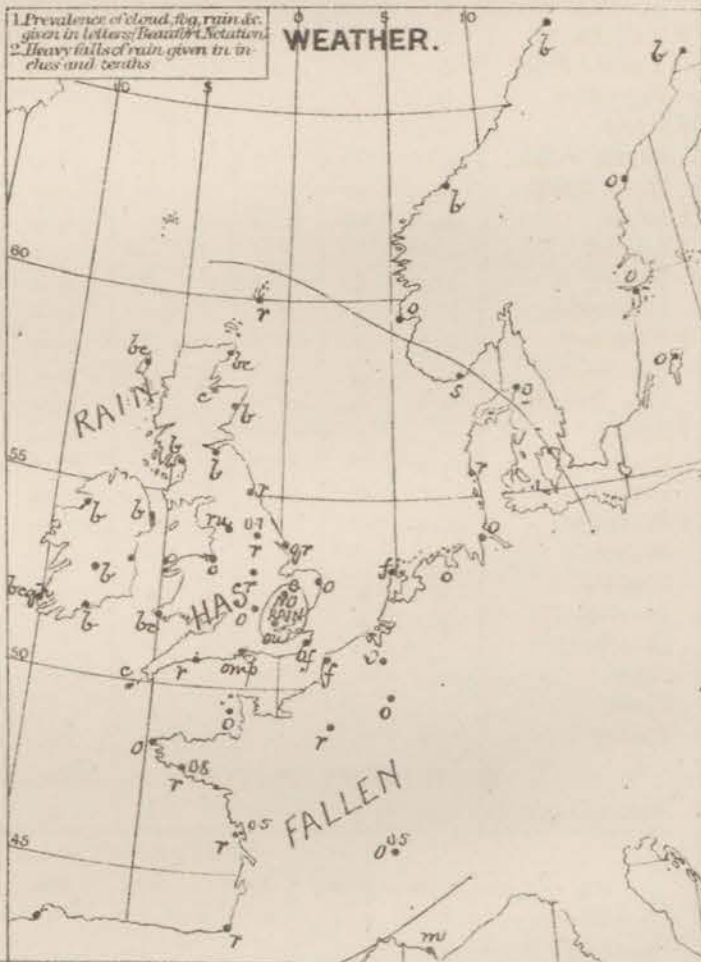
Arrows fly with the wind.
Force (25) - 4 Force 8 to 10 - 2 - 4 - above 10 - 5 - 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance () - rough in shading () - high.

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters: B, c, dr, fog, h, r, s, t, u, v, w, x, y, z.
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. Weather is fine over Ireland, and the N. Scotch stations, but is dull or cloudy elsewhere, with rain in the Shetlands, the N. of England and over the Channel. At Yuletia thick showers are reported, and during the past 24 hours some has fallen in all parts of the Kingdom and over France. Temperature has fallen except in the SE. and over France, and readings range from 40° in the N. of Scotland to about 50° in the SE. of England. The maximum yesterday was between 55° and 60° generally, while the minimum last night was between 40° and 45° in most places. Over the Gulf of Bothnia frost prevails. Wind is W. to SW., blowing fresh in the W. and S., but lightly elsewhere. In the N. of Ireland the wind appears inclined to back towards S. Pressure is decreasing everywhere, and readings are now rather low all over the country. A large shallow depression lies off our NW. coast, while readings are high over Scandinavia and the S. of France. The sea is rough in the W. and SW. rather so on most exposed parts of our coast, moderate to slight elsewhere.

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book post 5/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

APRIL 5TH

1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|----------------|---------------------|--|
| | Barometer at 33° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 19). | | Reading at 33° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda | | | | | | | | | | | | | | | | | | |
| Hernösand | | | | | | | | | | | | | | | | | | |
| Stockholm | | | | | | | | | | | | | | | | | | |
| Wisby | | | | | | | | | | | | | | | | | | |
| Bodö | 29.65 | 27 | E | 6 | b | 29.50 | -.35 | 26 | 23 | + 4 | E | 3 | b | 4 | 28 | 21 | - | |
| Christiansund | 29.24 | 40 | SE | 4 | e | 29.20 | -.27 | 43 | 36 | + 5 | SSE | 4 | o | 3 | 46 | 32 | - | |
| † Skudesnaes | 29.20 | 39 | ESE | 8 | o | 29.28 | -.10 | 37 | 33 | - 4 | SE | 8 | i | 5 | 39 | 37 | - | |
| Oxö (Xtiansund) | | | | | | | | | | | | | | | | | | |
| Skagen (The Skaw) | 29.57 | 34 | ESE | 7 | o | 29.43 | -.32 | 32 | 32 | 0 | ESE | 6 | s | 4 | 36 | 30 | 0.04 | |
| Fanö | 29.26 | 41 | SE | 6 | r | 29.34 | -.18 | 42 | 42 | + 3 | WNW | 4 | e | * | ? | 39 | 0.16 | |
| Cuxhaven | 29.39 | 51 | SSE | 3 | r | 29.39 | -.18 | 44 | 44 | - 5 | WNW | 3 | bo | * | 55 | 41 | 0.57 | |
| † Sumburgh Head | 29.10 | 44 | SSE | 4 | e | 28.99 | -.11 | 45 | 42 | + 5 | S | 4 | e | 5 | 47 | 38 | 0.05 | |
| † Stornoway | 28.92 | 45 | ENE | 6 | e | 28.79 | -.22 | 45 | 45 | + 5 | S | 7 | b | 6 | 47 | 40 | 0.15 | |
| Wick | 28.98 | 45 | SW | 2 | b | 28.95 | -.14 | 44 | 41 | + 1 | SW | 4 | b | 6 | 51 | 39 | - | |
| Nairn | 29.02 | 47 | W | 1 | bo | 28.96 | -.12 | 44 | 42 | + 4 | SW | 1 | o | 1 | 54 | 35 | - | |
| † Aberdeen | 29.07 | 48 | S | 8 | b | 29.07 | -.09 | 44 | 42 | 0 | SSW | 4 | b | 3 | 53 | 40 | - | |
| Leith | 29.12 | 48 | SW | 3 | bo | 29.09 | -.08 | 45 | 41 | + 1 | SW | 4 | bo | * | 55 | 40 | - | |
| † Shields | 29.18 | 45 | W | 3 | b | 29.21 | + .01 | 47 | 43 | + 6 | WSW | 5 | bo | 3 | 51 | 41 | 0.10 | |
| Spurn Head | 29.26 | 47 | WSW | 4 | b | 29.34 | + .13 | 46 | 44 | - 2 | SW | 5 | e | 4 | 49 | 40 | 0.40 | |
| York | 29.26 | 50 | W | 4 | b | 29.31 | + .09 | 45 | 42 | - 1 | S | 2 | o | * | 55 | 41 | 0.04 | |
| Nottingham | 29.33 | 49 | SW | 2 | b | 29.38 | + .14 | 48 | 45 | + 2 | SSW | 4 | bo | * | 60 | 39 | 0.16 | |
| † Ardrossan | 29.12 | 45 | SSW | 3 | e | 29.10 | -.06 | 44 | 43 | 0 | SSW | 5 | e | 4 | 52 | 42 | 0.17 | |
| † Mullaghmore | 29.15 | 48 | SW | 6 | o | 29.11 | -.02 | 42 | 42 | - 2 | SW | 7 | cg | 6 | 51 | 41 | 0.16 | |
| Donaghadee | 29.20 | 42 | SW | 3 | e | 29.17 | -.05 | 44 | 42 | 0 | WSW | 4 | b | 2 | 54 | 39 | 0.11 | |
| Parsonstown | 29.32 | 45 | W | 4 | o | 29.28 | .00 | 41 | 40 | - 3 | SW | 4 | o | * | 52 | 39 | 0.22 | |
| † Holyhead | 29.30 | 53 | WSW | 4 | b | 29.29 | + .06 | 45 | 43 | - 1 | SW | 4 | bo | 3 | 51 | 44 | 0.03 | |
| Liverpool (Bidston) | 29.29 | 49 | WSW | 4 | b | 29.28 | + .07 | 48 | 43 | + 3 | SW | 4 | b | 1 | 51 | 42 | 0.02 | |
| † Valentia | 29.43 | 48 | WSW | 7 | bo | 29.34 | + .02 | 47 | 42 | 0 | WSW | 6 | cg | 6 | 53 | 42 | 0.27 | |
| Roche's Point | 29.42 | 47 | W | 4 | b | 29.36 | + .04 | 45 | 41 | 0 | W | 3 | bo | 3 | 55 | 41 | 0.10 | |
| Pembroke | 29.42 | 48 | WSW | 6 | b | 29.38 | + .09 | 45 | 43 | 0 | WSW | 6 | cg | 4 | 50 | 44 | 0.05 | |
| † Scilly | 29.59 | 50 | W | 6 | bo | 29.56 | + .17 | 49 | 48 | 0 | WSW | 6 | cg | 6 | 51 | 44 | 0.10 | |
| Prawle Point | 29.50 | 49 | W | 4 | b | 29.52 | + .16 | 47 | 46 | - 2 | SW | 6 | bo | 5 | 53 | 44 | - | |
| Hurst Castle | 29.45 | 50 | NW | 4 | b | 29.56 | + .19 | 47 | 46 | - 1 | WSW | 5 | cg | 5 | 53 | 46 | 0.04 | |
| † Dover | 29.35 | 50 | WNW | 3 | e | 29.56 | + .14 | 49 | 46 | + 1 | W | 5 | b | 4 | 51 | 42 | 0.02 | |
| † London | 29.36 | 50 | WNW | 2 | bo | 29.41 | + .06 | 50 | 46 | - 3 | SW | 3 | bo | * | 56 | 40 | 0.04 | |
| Oxford | 29.38 | 51 | W | 1 | bo | 29.47 | + .18 | 46 | 43 | - 4 | SW | 3 | cg | * | 58 | 42 | 0.08 | |
| Cambridge | 29.33 | 52 | NW | 1 | b | 29.45 | + .15 | 45 | 44 | - 7 | S | 2 | r | * | 56 | 38 | 0.20 | |
| † Yarmouth | 29.29 | 49 | WNW | 2 | e | 29.47 | + .12 | 45 | 42 | - 6 | SW | 4 | bo | 3 | 56 | 40 | 0.05 | |
| The Helder | * | * | * | * | * | 29.48 | + .03 | 44 | 43 | - 2 | SW | 2 | b | * | * | * | * | |
| Cape Gris Nez | 29.39 | 47 | WSW | 3 | o | 29.64 | + .17 | 47 | 45 | - 2 | SW | 5 | bo | 4 | 52 | 45 | 0.04 | |
| † Jersey | No observations taken. | | | | | 29.69 | + .20 | 48 | 46 | - 4 | SW | 6 | bo | 5 | 52 | 45 | 0.04 | |
| Brest | 29.73 | 50 | WNW | 4 | b | 29.78 | + .18 | 49 | 47 | - 2 | W | 5 | bo | 5 | ? | 45 | 0.12 | |
| Lorient | 29.68 | 50 | NW | 8 | e | 29.79 | + .23 | 47 | 44 | - 5 | WSW | 7 | e | 5 | 54 | 43 | 0.35 | |
| † Rochefort | 29.72 | 53 | WNW | 9 | o | 29.94 | + .17 | 52 | 48 | - 3 | WSW | 7 | bo | 4 | 59 | 45 | 0.35 | |
| Biarritz | | | | | | | | | | | | | | | | | | |
| Corunna | * | * | * | * | * | | | | | | | | | | * | * | * | |
| Brussels | * | * | * | * | * | 29.64 | + .43 | 46 | 44 | - 6 | SW | 4 | bo | * | 60 | 42 | 0.35 | |
| Charleville | * | 50 | SW | 4 | r | ? | ? | 44 | 41 | | SSW | 5 | o | * | 64 | 42 | 1.38 | |
| Paris | 29.46 | 50 | WSW | 4 | o | 29.80 | + .26 | 50 | 47 | - 5 | SW | 4 | bo | * | * | * | 0.59 | |
| Lyons | 29.69 | 57 | SSW | 1 | e | 29.96 | + .10 | 48 | 41 | - 4 | N | 1 | e | * | 58 | 46 | 0.88 | |
| Toulon | 29.82 | 54 | W | 4 | o | 29.67 | -.27 | 48 | 42 | - 5 | NW | 8 | b | 7 | 59 | 46 | 0.75 | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.01 | 42 | WSW | 5 | b | 28.01 | + .02 | 38 | 38 | - 2 | SW | 5 | e | i | 45 | 36 | 0.39 | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-------|----|----|-----|----|---|---|---|----|----|------|
| Hawes Junction | 28.01 | 42 | WSW | 5 | b | 28.01 | + .02 | 38 | 38 | - 2 | SW | 5 | e | * | 45 | 36 | 0.33 |
|----------------|-------|----|-----|---|---|-------|-------|----|----|-----|----|---|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. |
|---------------|-------|------|-------|------|------|------|------|------|-------|------|------|
| Skudesnaes | 29.34 | 37 | 34 | ESE | 8 | 5 | 5 | | | | |
| Sumburgh Head | | | | | | | | | | | |
| Stornoway | | | | | | | | | | | |
| Aberdeen | | | | | | | | | | | |
| Shields | | | | | | | | | | | |
| Ardrossan | | | | | | | | | | | |
| Mullaghmore | | | | | | | | | | | |
| Holyhead | | | | | | | | | | | |
| Valentia | | | | | | | | | | | |
| Scilly | | | | | | | | | | | |
| Dover | | | | | | | | | | | |
| London | | | | | | | | | | | |
| Yarmouth | | | | | | | | | | | |
| Jersey | | | | | | | | | | | |
| Rochefort | 29.79 | 58 | 55 | W | 9 | e | 7 | | | | |

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

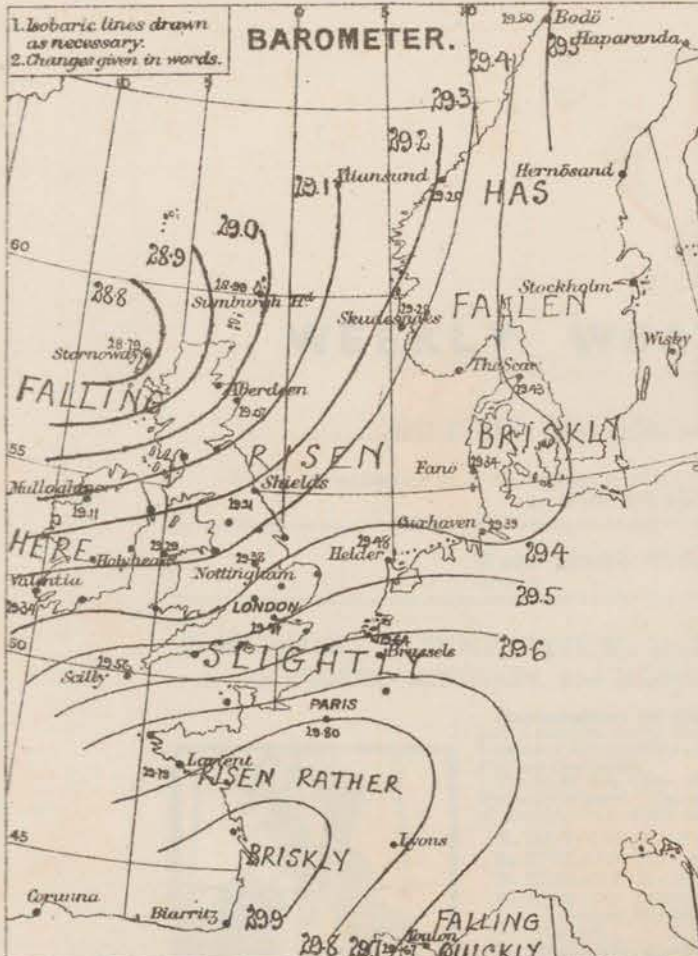
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Monday 5th APRIL 1880.

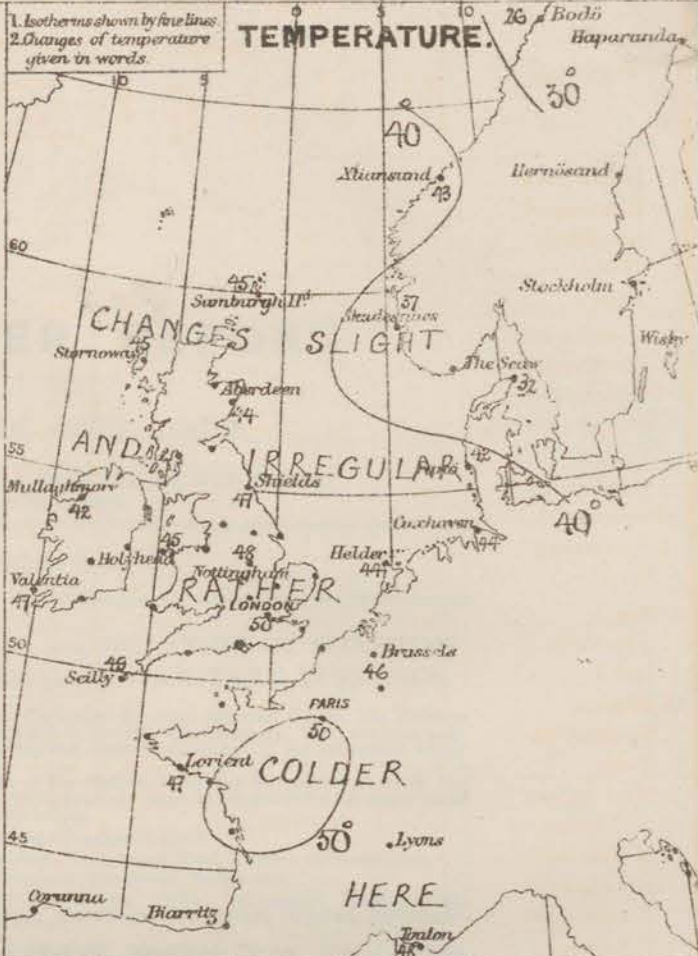
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



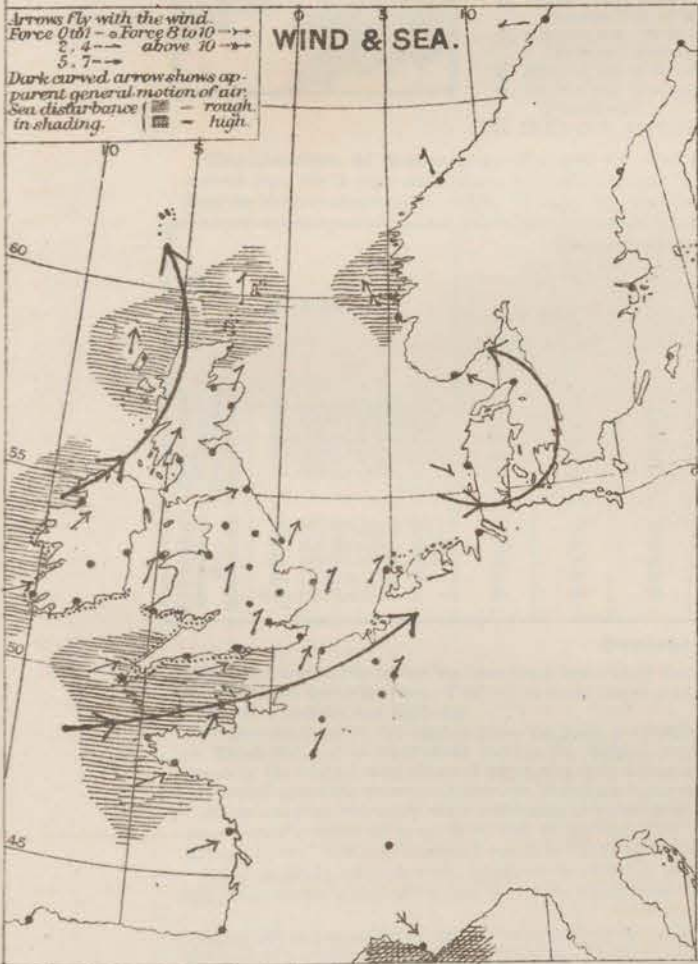
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



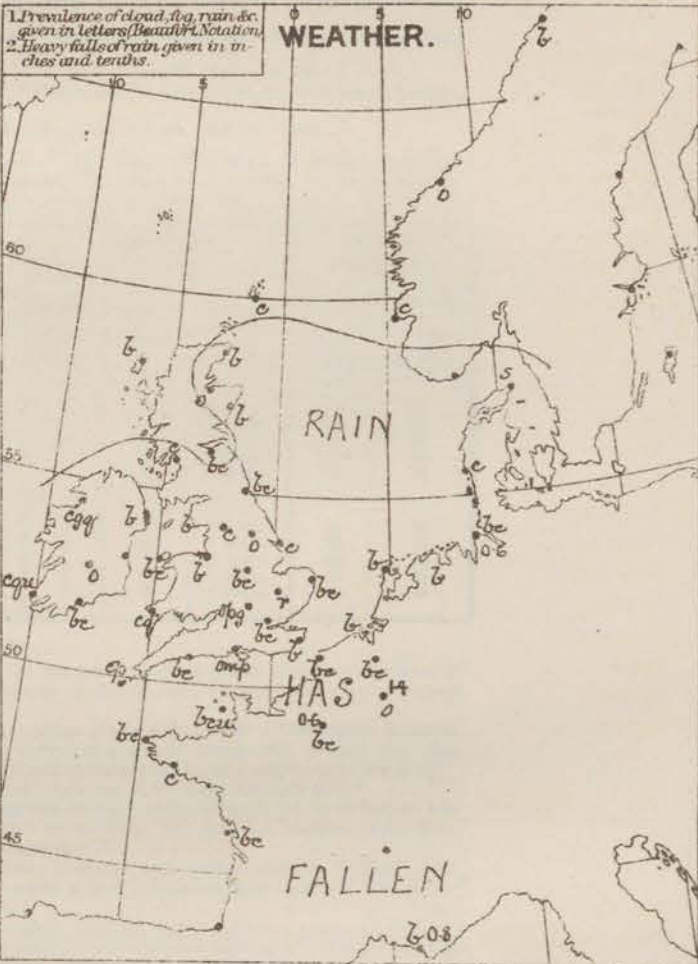
Arrows fly with the wind.
Force 0 to 10 —
2, 4, 6, 8, 10 —
5, 7 —
above 10 —
Dark curved arrows show apparent general motion of air.
Sea disturbance: rough in shading, high in dots.

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort Notation).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



As dotted line is drawn round the coast of France, the signal has been limited.

REMARKS. There is no considerable change in the general distribution of pressure over W. Europe. Areas of high readings are still shown over the N. of France, and in the N. of Scandinavia, and a large depression off our NW. coast, while small secondary disturbances continue to pass over our more S. stations. In consequence SW. winds prevail over the N. of France, and the greater part of these islands, with S. winds in Scotland, and SE. winds in Norway. They freshen to strong in force, and at times become squally as the small depressions pass across. The weather is also very unsettled, and though locally clear at present in many parts of the Kingdom, is cloudy and showery generally. Slight rain has fallen at all our stations and heavy rain over France. Temperature has fallen in the S.E. changed little and irregularly elsewhere, and readings are now very uniform between 44° and 50°. Sea is rough in the N.W. and N. The South Sea has been limited on our SW. coasts this morning.

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back post 6/-

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT APRIL 6th 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----------|------------|----------------------------------|-----------------------------------|------|-------|-----------------------------------|----------|----------------|-------------|-------------------|---------------------|------|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer. | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 12). | | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | | | Dir. | Force. (0 to 12). | | Max. |
| Haparanda | | | | | | | | | | | | | * | | | | |
| Hernösand | | | | | | | | | | | | | * | | | | |
| Stockholm | | | | | | | | | | | | | * | | | | |
| Wisby | | | | | | | | | | | | | * | | | | |
| Bodö | 29.52 | 32 | E | 6 | b | 29.55 | + .05 | 31 | 29 | + 5 | E | 4 | b | 2 | 34 | 27 | — |
| Christiansund | 29.74 | 41 | SE | 3 | b | 29.41 | + .21 | 38 | 32 | + 5 | ESE | 3 | b | 3 | 48 | 28 | — |
| Skudesnaes | 29.35 | 39 | ESE | 4 | r | 29.35 | + .07 | 40 | 37 | + 3 | SE | 4 | rs | 5 | 41 | 27 | — |
| Oxö (Xiansund) | 29.47 | 32 | NNE | 6 | o | 29.47 | | 35 | 34 | | NE | 6 | o | 3 | ? | 30 | — |
| Skagen (The Skaw) | 29.50 | 36 | ESE | 3 | o | 29.53 | + .10 | 36 | 35 | + 4 | E | 2 | o | 0 | 36 | 30 | 0.12 |
| Fanö | 29.43 | 42 | S | 4 | o | 29.40 | + .06 | 41 | 41 | — 1 | S | 4 | o | * | 46 | 41 | 0.04 |
| Cuxhaven | 29.58 | 45 | S | 1 | o | 29.46 | + .07 | 44 | 43 | — 0 | S | 3 | b | * | 48 | 39 | — |
| Sumburgh Head | 29.03 | 44 | S | 5 | a | 29.14 | + .15 | 44 | 42 | — 1 | SSE | 5 | c | 6 | 48 | 42 | 0.01 |
| Stornoway | 28.84 | 47 | WSW | 6 | b | 28.83 | + .04 | 44 | 44 | — 1 | W | 6 | b | 5 | 48 | 38 | 0.24 |
| Wick | 28.97 | 48 | SSW | 3 | b | 29.03 | + .08 | 44 | 42 | — 0 | ESE | 4 | b | 3 | 52 | 40 | — |
| Nairn | 28.96 | 48 | SW | 1 | b | 28.99 | + .03 | 45 | 41 | + 1 | SW | 1 | b | 1 | 51 | 38 | 0.02 |
| Aberdeen | 29.05 | 46 | S | 4 | b | 29.10 | + .03 | 46 | 44 | + 2 | S | 4 | b | 3 | 51 | 41 | — |
| Leith | 29.09 | 45 | WSW | 1 | r | 29.10 | + .01 | 48 | 45 | + 3 | WSW | 2 | b | * | 53 | 40 | 0.06 |
| Shields | 29.16 | 49 | WSW | 4 | b | 29.17 | — .04 | 45 | 39 | — 7 | W | 1 | c | 2 | 52 | 37 | 0.01 |
| Spurn Head | 29.24 | 48 | SW | 4 | c | 29.24 | — .10 | 43 | 41 | — 3 | SW | 3 | b | 3 | 52 | 37 | 0.08 |
| York | 29.23 | 40 | SSW | 1 | b | 29.23 | — .08 | 40 | 39 | — 5 | S | 1 | b | * | 52 | 35 | 0.08 |
| Nottingham | 29.29 | 43 | SSW | 4 | b | 29.29 | — .09 | 40 | 39 | — 8 | SW | 2 | o | * | 55 | 33 | 0.04 |
| Ardrossan | 29.07 | 44 | SSW | 5 | c | 29.13 | + .03 | 45 | 43 | + 1 | SSW | 1 | c | 1 | 49 | 43 | 0.28 |
| Mullaghmore | 29.10 | 49 | WSW | 4 | b | 29.25 | + .14 | 47 | 45 | + 5 | WNW | 6 | cp | 4 | 51 | 41 | 0.19 |
| Donaghadee | 29.11 | 46 | WSW | 3 | o | 29.20 | + .03 | 46 | 45 | + 2 | SW | 2 | b | 0 | 52 | 39 | — |
| Parsonstown | 29.33 | 46 | W | 1 | o | 29.35 | + .07 | 44 | 42 | + 3 | WSW | 2 | c | * | 50 | 37 | 0.16 |
| Holyhead | 29.19 | 46 | SW | 5 | c | 29.25 | — .04 | 45 | 44 | — 0 | W | 4 | b | 4 | 50 | 43 | 0.04 |
| Liverpool (Bidston) | 29.21 | 48 | SW | 4 | b | 29.24 | — .04 | 47 | 44 | — 1 | WSW | 2 | c | 1 | 52 | 40 | — |
| Valentia | 29.36 | 45 | W | 7 | o | 29.45 | + .11 | 48 | 45 | + 1 | WNW | 5 | cp | 5 | 52 | 43 | 0.21 |
| Roche's Point | 29.33 | 46 | WNW | 6 | c | 29.38 | + .02 | 47 | 44 | + 2 | W | 3 | b | 4 | 52 | 42 | 0.06 |
| Pembroke | 29.28 | 46 | WSW | 6 | c | 29.32 | — .06 | 45 | 44 | — 0 | WNW | 3 | b | 4 | 48 | 40 | 0.03 |
| Scilly | 29.42 | 47 | W | 7 | c | 29.40 | — .16 | 49 | 47 | — 0 | NW | 6 | c | 6 | 52 | 43 | 0.32 |
| Prawle Point | 29.42 | 46 | SW | 6 | b | 29.32 | — .20 | 44 | 43 | — 3 | WNW | 3 | c | 4 | 50 | 40 | 0.31 |
| Hurst Castle | 29.43 | 46 | W | 6 | b | 29.31 | — .25 | 44 | 44 | — 3 | WNW | 4 | b | 4 | 50 | 43 | 0.23 |
| Dover | 29.42 | 47 | WSW | 5 | b | 29.29 | — .27 | 43 | 41 | — 6 | WSW | 3 | cp | 3 | 50 | 41 | 0.16 |
| London | 29.39 | 48 | WSW | 3 | b | 29.30 | — .11 | 43 | 41 | — 7 | WSW | 2 | o | * | 56 | 38 | 0.41 |
| Oxford | 29.35 | 48 | WSW | 2 | b | 29.29 | — .18 | 41 | 39 | — 5 | WSW | 1 | o | * | 53 | 38 | 0.06 |
| Cambridge | 29.32 | 46 | S | 1 | b | 29.27 | — .18 | 43 | 42 | — 2 | S | 1 | o | * | 58 | 32 | 0.01 |
| Yarmouth | 29.35 | 49 | SSW | 3 | b | 29.30 | — .17 | 44 | 42 | — 1 | SSW | 1 | c | 2 | 53 | 37 | 0.07 |
| The Helder | * | * | * | * | * | 29.34 | — .14 | 45 | 44 | + 1 | S | 2 | b | * | * | * | * |
| Cape Gris Nez | 29.46 | 47 | SW | 7 | o | 29.34 | — .30 | 44 | 44 | — 3 | SW | 5 | r | 4 | 50 | 41 | 0.08 |
| Jersey | 29.54 | 48 | WSW | 5 | c | 29.42 | — .27 | 45 | 43 | — 3 | WSW | 7 | c | 5 | 52 | 39 | 0.07 |
| Brest | 29.59 | 48 | W | 7 | b | 29.51 | — .22 | 46 | 46 | — 3 | WNW | 5 | b | 4 | 52 | 45 | 0.12 |
| Lorient | 29.63 | 46 | WNW | 8 | a | 29.49 | — .30 | 44 | 43 | — 3 | W | 4 | c | 4 | 54 | 41 | 0.16 |
| Rochefort | 29.78 | 53 | WSW | 9 | o | 29.58 | — .36 | 50 | 46 | — 2 | WSW | 5 | o | 2 | 61 | 43 | 0.16 |
| Biarritz | 29.93 | 55 | W | 7 | o | 29.69 | | 48 | 48 | | SSW | 5 | r | 5 | 59 | 45 | 0.59 |
| Corunna | * | * | * | * | * | | | * | | | | | | | * | * | * |
| Brussels | * | * | * | * | * | ? 29.61 | — .03 | 44 | 41 | — 2 | SW | 2 | b | * | 55 | 42 | 0.39 |
| Charleville | * | * | * | * | * | | | | | | | | | | * | * | * |
| Paris | 29.61 | 54 | SW | 5 | c | 29.52 | — .28 | 47 | 43 | — 3 | SW | 3 | b | * | * | * | 0.08 |
| Lyons | 29.82 | 50 | SSE | 1 | b | 29.68 | — .28 | 47 | 46 | — 1 | SE | 1 | m | * | 60 | 42 | — |
| Toulon | 29.73 | 54 | NW | 8 | b | 29.73 | + .06 | 48 | 44 | — 0 | NW | 7 | b | 4 | 55 | 45 | — |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|--|-------|-------|----|----|-----|-----|---|---|---|----|----|------|
| Hawes Junction | 27.96 | 41 | WSW | 5 | b | | 27.97 | — .04 | 40 | 40 | + 2 | WSW | 3 | r | * | 44 | 36 | 0.17 |
|----------------|-------|----|-----|---|---|--|-------|-------|----|----|-----|-----|---|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|
| Skudesnaes | 29.33 | 40 | 36 | SE | 4 | o | 5 | Valentia | 29.28 | 51 | 46 | WSW | 6 |
| Sumburgh Head | 29.01 | 48 | 46 | SSE | 5 | b | 5 | Scilly | 29.51 | 57 | 48 | WSW | 7 |
| Stornoway | 28.78 | 46 | 46 | NN | 7 | r | 7 | Dover | 29.32 | 49 | 47 | WSW | 6 |
| Aberdeen | 29.06 | 49 | 45 | S | 5 | b | 3 | London | 29.44 | 53 | 48 | SW | 4 |
| Shields | 29.19 | 47 | 44 | WSW | 4 | c | 2 | Yarmouth | 29.40 | 53 | 48 | SSW | 4 |
| Ardrossan | 29.08 | 49 | 45 | SSW | 5 | c | 4 | Jersey | 29.63 | 51 | 49 | WNW | 7 |
| Mullaghmore | 29.09 | 49 | 48 | WSW | 6 | cp | 5 | Rochefort | 29.87 | 55 | 54 | WNW | 9 |
| Holyhead | 29.27 | 50 | 46 | SW | 5 | b | 4 | | | | | | |

The barometer is falling slowly everywhere and the depression in the N. seems to be passing slowly away NEward. At Stornoway the wind has veered to NW. but elsewhere it continues SW to S.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

† These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

DAILY WEATHER REPORT

APRIL 7th

1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------------|-----------------|-------|--------|----------|---|----------------|------|-----------------------------------|-------|------------------|----------|-----------------|-------------|------|---------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer. Reading at 32° F. and Sea Level. | SHADE TEMP. | | Difference from 8 a.m. yesterday. | WIND. | Temp. (0 to 12). | Weather. | Secs. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dir. | Force. | | | Dry. | Wet. | | | | | | Max. | Min. | |
| Haparanda | 29.85 | 27 | S | 2 | b | 29.91 | +0.2 | 35 | 34 | +14 | ESE | 2 | 0 | 34 | 21 | — |
| Hernösand | 29.79 | 33 | NT | 2 | o | 29.87 | +0.9 | 33 | 32 | +4 | NE | 2 | 0 | ? | 23 | — |
| Stockholm | 29.70 | 34 | NNW | 2 | f | 29.80 | +0.28 | 35 | 35 | 0 | SE | 2 | 0 | 41 | 30 | 0.04 |
| Wisby | 29.65 | 33 | NW | 2 | b | 29.67 | +0.28 | 37 | 36 | 0 | ESE | 2 | 0 | 39 | 30 | 0.6 |
| Bodo | 29.73 | 35 | E | 2 | b | 29.72 | +0.17 | 37 | 33 | +6 | NE | 2 | 0 | 41 | ? | — |
| Christiansund | 29.53 | 40 | ESE | 1 | b | 29.58 | +0.17 | 39 | 33 | +1 | ESE | 4 | 0 | 48 | 28 | — |
| † Skudesnaes | 29.47 | 39 | ESE | 4 | r | 29.49 | +0.14 | 42 | 38 | +2 | E | 4 | 0 | 43 | 39 | 0.67 |
| Oxö (Xiansund) | 29.51 | 36 | NE | 8 | o | 29.56 | +0.09 | 35 | 35 | 0 | NE | 3 | 0 | 36 | 32 | 1.10 |
| Skagen (The Skaw) | 29.56 | 36 | E | 4 | o | 29.60 | +0.07 | 39 | 38 | +3 | E | 4 | 0 | 39 | 32 | 0.12 |
| Fanö | 29.42 | 42 | S | 4 | o | 29.50 | +0.10 | 42 | 41 | +1 | SEW | 2 | 0 | 50 | 40 | 0.6 |
| † Cuxhaven | 29.45 | 47 | SW | 1 | r | 29.53 | +0.07 | 43 | 43 | —1 | SSW | 1 | 0 | 52 | 39 | 0.08 |
| † Sumburgh Head | 29.38 | 45 | SE | 5 | o | 29.52 | +0.40 | 44 | 41 | 0 | E | 2 | 0 | 47 | 39 | — |
| † Stornoway | 29.07 | 48 | NNW | 3 | o | 29.56 | +0.71 | 46 | 45 | +2 | E | 2 | 0 | 48 | 40 | — |
| Wick | 29.17 | 45 | S | 5 | b | 29.57 | +0.24 | 43 | 41 | —1 | NE | 2 | 0 | 46 | 40 | — |
| Nairn | 29.10 | 48 | Z | 0 | b | 29.57 | +0.48 | 45 | 42 | 0 | E | 2 | 0 | 55 | 39 | — |
| † Aberdeen | 29.17 | 45 | S | 4 | b | 29.46 | +0.36 | 44 | 42 | —2 | NE | 2 | 0 | 53 | 42 | 0.03 |
| Leith | 29.16 | 44 | NW | 4 | b | 29.39 | +0.29 | 46 | 44 | —2 | E | 1 | 0 | 48 | 41 | 0.02 |
| † Shields | 29.23 | 45 | SW | 3 | o | 29.39 | +0.22 | 41 | 40 | +1 | WSW | 1 | 0 | 50 | 40 | 0.24 |
| Spurn Head | 29.30 | 48 | NNW | 3 | r | 29.42 | +0.18 | 44 | 42 | +1 | WSW | 2 | 0 | 51 | 40 | 0.10 |
| York | 29.28 | 47 | SW | 1 | o | 29.41 | +0.18 | 43 | 41 | +3 | S | 1 | 0 | 53 | 37 | 0.14 |
| Nottingham | 29.33 | 48 | NNW | 1 | b | 29.46 | +0.17 | 42 | 41 | +2 | Z | 0 | 0 | 58 | 33 | 0.01 |
| † Ardrossan | 29.18 | 45 | NW | 3 | c | 29.41 | +0.28 | 45 | 43 | 0 | ENE | 2 | 0 | 52 | 42 | 0.20 |
| † Mullaghmore | 29.37 | 47 | NNW | 6 | b | 29.51 | +0.26 | 48 | 46 | +1 | N | 6 | 0 | 51 | 43 | 0.15 |
| Donaghadee | 29.29 | 49 | N | 3 | b | 29.35 | +0.15 | 44 | 43 | —2 | NE | 5 | 0 | 54 | 40 | 0.14 |
| Parsonstown | 29.48 | 48 | NW | 1 | c | 29.53 | +0.18 | 45 | 43 | +1 | NW | 3 | 0 | 54 | 40 | 0.08 |
| † Holyhead | 29.34 | 49 | N | 3 | c | 29.57 | +0.12 | 45 | 44 | 0 | W | 3 | 0 | 51 | 43 | — |
| Liverpool (Bidston) | 29.33 | 45 | N | 3 | b | 29.39 | +0.15 | 45 | 42 | —2 | SW | 1 | 0 | 51 | 41 | — |
| † Valentia | 29.55 | 50 | NW | 4 | b | 29.67 | +0.22 | 47 | 45 | —1 | NNW | 6 | 0 | 55 | 47 | 0.14 |
| Roche's Point | 29.51 | 47 | NW | 5 | b | 29.55 | +0.17 | 47 | 43 | 0 | NNW | 5 | 0 | 51 | 42 | 0.08 |
| Pembroke | | | | | | | | | | | | | | | | |
| † Scilly | 29.55 | 50 | NNW | 6 | c | 29.59 | +0.19 | 49 | 48 | 0 | NNW | 5 | 0 | 51 | 47 | — |
| Prawle Point | 29.44 | 50 | NNW | 4 | b | 29.53 | +0.21 | 45 | 44 | +1 | NNW | 3 | 0 | 56 | 42 | — |
| Hurst Castle | 29.40 | 52 | NW | 3 | b | 29.53 | +0.22 | 44 | 44 | 0 | NNW | 2 | 0 | 54 | 42 | 0.04 |
| † Dover | 29.35 | 46 | SW | 3 | b | 29.50 | +0.21 | 46 | 43 | +3 | WSW | 3 | 0 | 49 | 41 | 0.03 |
| † London | 29.35 | 44 | W | 2 | glt | 29.51 | +0.21 | 39 | 39 | —4 | WSW | 1 | 0 | 56 | 34 | 0.03 |
| Oxford | 29.35 | 46 | W | 1 | o | 29.56 | +0.21 | 39 | 39 | —2 | WSW | 1 | 0 | 55 | 38 | 0.01 |
| Cambridge | 29.32 | 49 | NW | 1 | o | 29.48 | +0.24 | 43 | 42 | 0 | SW | 1 | 0 | 57 | 34 | — |
| † Yarmouth | 29.32 | 46 | S | 1 | b | 29.48 | +0.18 | 45 | 43 | +1 | WSW | 1 | 0 | 57 | 34 | — |
| The Helder | | | | | | 29.49 | +0.15 | 44 | 43 | —1 | S | 1 | 0 | | | |
| Cape Gris Nez | 29.40 | 46 | N | 4 | b | 29.51 | +0.17 | 46 | 44 | +2 | WSW | 3 | 0 | 48 | 41 | 0.32 |
| † Jersey | 29.51 | 48 | N | 4 | b | 29.60 | +0.18 | 47 | 45 | +2 | N | 3 | 0 | 50 | 43 | 0.06 |
| Brest | 29.63 | 40 | NW | 4 | c | 29.64 | +0.13 | 47 | 46 | +1 | NW | 3 | 0 | 42 | 43 | 0.04 |
| Lorient | 29.54 | 48 | NNW | 7 | b | 29.64 | +0.18 | 46 | 44 | +2 | NNW | 5 | 0 | 54 | 43 | 0.02 |
| † Rochefort | 29.58 | 50 | NW | 7 | c | 29.70 | +0.12 | 48 | 43 | —2 | N | 5 | 0 | 55 | 41 | 0.28 |
| Biarritz | 29.69 | 51 | W | 3 | r | 29.79 | +0.10 | 49 | 45 | +1 | W | 3 | 0 | 55 | 41 | 0.55 |
| Corunna | | | | | | | | | | | | | | | | |
| Brussels | | | | | | 29.56 | —0.05 | 45 | 43 | +1 | SSW | 3 | 0 | 51 | 41 | 0.04 |
| Charleville | | | | | | | | | | | | | | 54 | 38 | — |
| Paris | 29.44 | 52 | W | 4 | b | 29.64 | +0.12 | 46 | 43 | —1 | SSW | 3 | 0 | | | — |
| Lyons | 29.46 | 51 | E | 1 | b | 29.64 | —0.04 | 44 | 42 | —3 | N | 1 | 0 | 60 | 44 | 0.04 |
| Toulon | 29.51 | 46 | ENE | 3 | o | 29.50 | —0.23 | 44 | 40 | —4 | NW | 2 | 0 | 53 | 43 | 0.12 |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-------|----|----|----|----|---|---|----|----|------|
| Hawes Junction | 28.05 | 41 | WSW | 5 | o | 28.14 | +0.17 | 39 | 38 | —1 | SW | 3 | 0 | 47 | 36 | 0.12 |
|----------------|-------|----|-----|---|---|-------|-------|----|----|----|----|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 29.37 | 43 | 39 | SE | 6 | c | 5 | Valentia ... | 29.51 | 53 | 49 | W | 5 | c/p | 5 |
| Sumburgh Head | 29.19 | 46 | 44 | SSE | 5 | c | 6 | Scilly ... | 29.49 | 51 | 50 | NW | 6 | c | 6 |
| Stornoway ... | 28.91 | 46 | 45 | SSW | 3 | b | 3 | Dover ... | 29.32 | 46 | 44 | WSW | 3 | c/p | 3 |
| Aberdeen ... | 29.18 | 48 | 45 | S | 4 | e | 4 | London ... | 29.32 | 51 | 45 | W | 2 | b | * |
| Shields ... | 29.20 | 48 | 44 | W | 1 | r | 2 | Yarmouth ... | 29.30 | 46 | 44 | S | 1 | c | 2 |
| Ardrossan ... | 29.17 | 49 | 45 | NW | 3 | c | 2 | Jersey ... | 29.46 | 47 | 45 | W | 4 | c/p | 4 |
| Mullaghmore ... | 29.33 | 50 | 48 | NW | 6 | b | 5 | Rochefort ... | 29.54 | 50 | 46 | NW | 5 | o | 2 |
| Holyhead ... | 29.32 | 50 | 47 | W | 4 | b | 3 | | | | | | | | |

Pressure has increased a little since the morning in all places, but at Valentia the mercury has been steady since noon. The wind is fresh or strong from N. to NW. in the N., and light from SW to SE in the E., while the weather is generally cloudy and in places clearing.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

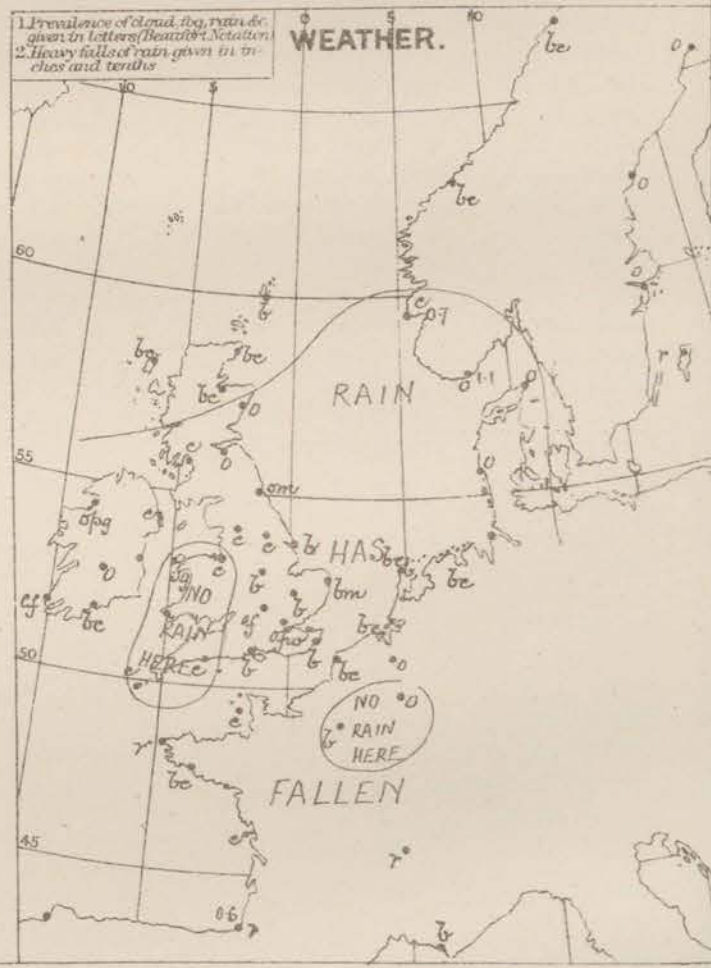
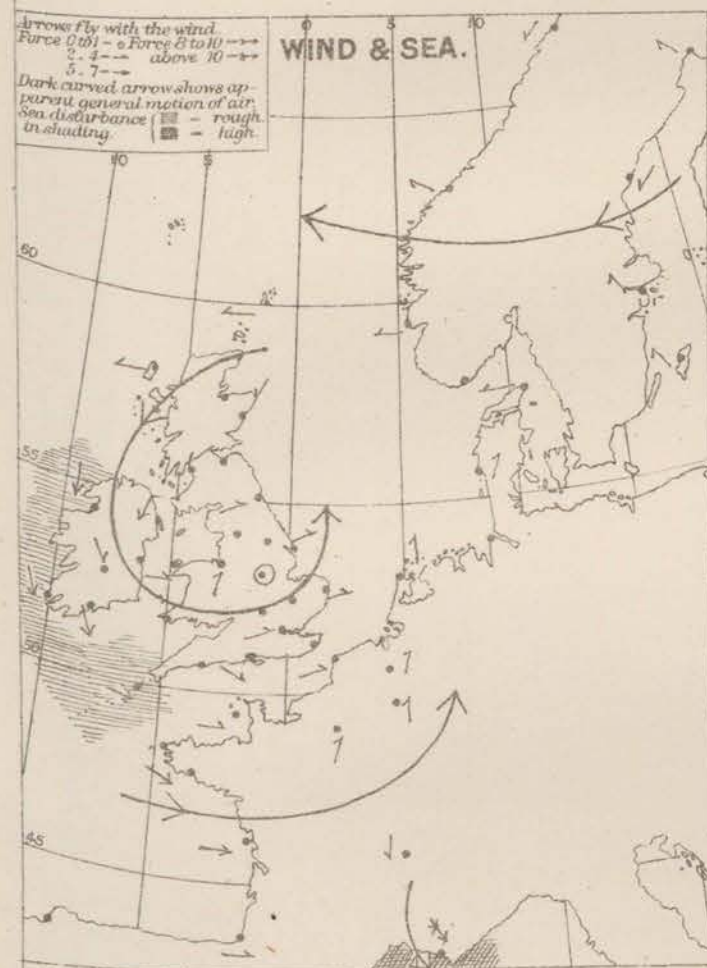
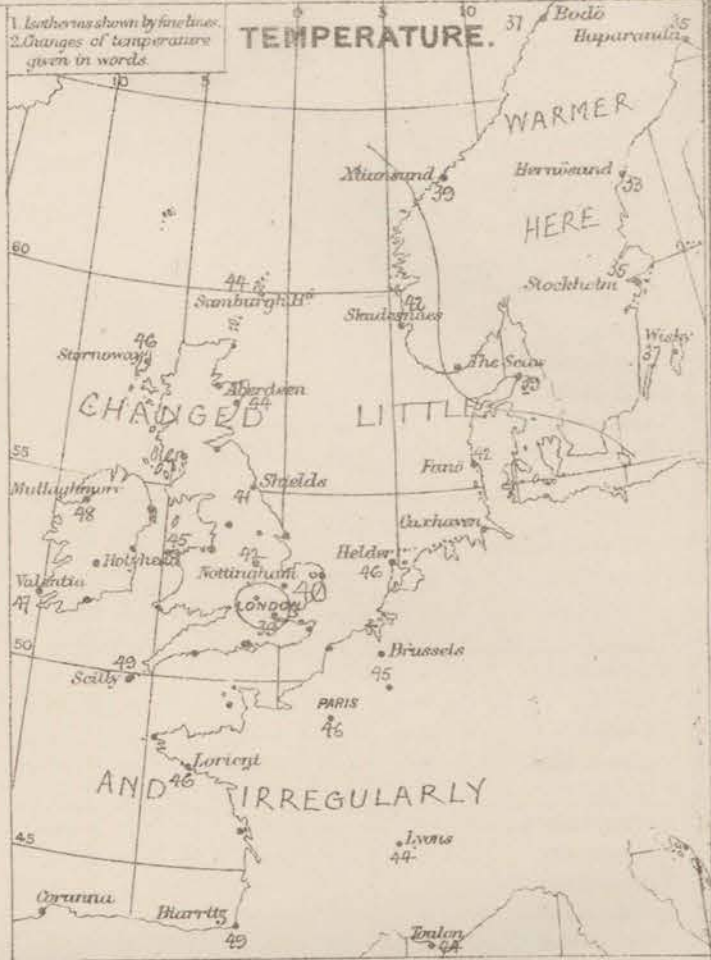
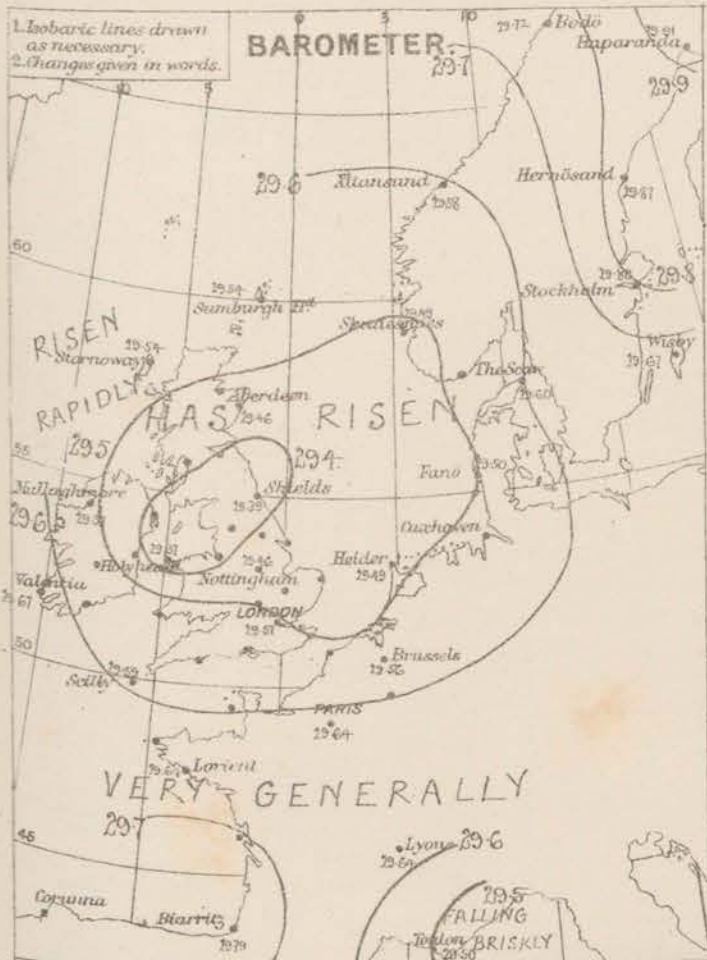
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

+ Received too late for insertion in Chart.

WEATHER CHARTS for 8 a.m. on Wednesday 7th APRIL 1880.



REMARKS. A considerable change has occurred in the general distribution of pressures over these islands, relatively high pressures are still reported from the N. of Scandinavia and the SW. of France, but the area of low readings which during the past few days has been shown off the NW coast of Scotland has passed suddenly SE^W, and now lies over the Irish Sea, the N. of England and S. of Scotland. It has however, become very much shallower, and the barometer is at present rising in all parts of N^W. Europe, the change being very considerable as the NW gradients have become very much slighter than of late. The wind circulates round the low pressure. It is fresh or strong from N. over Ireland, light or moderate from N. and SW. over France and England, light from SW. the Netherlands and from E. over the North Sea and Scotland. Temperature has changed little and irregularly, and readings range from 39° over Central England to 49° at Scilly, and 46° at Stornoway. Weather is fine in the N. of Scotland the E. and SE. of England and the Netherlands cloudy elsewhere. Slight rain has occurred generally. A thunderstorm passed over Antwerp and SE. England last evening, accompanied by sharp showers of hail and rain, while Aurora was seen at Nottingham at night.
Sea is rough at Scilly and Valentia.

| | | | |
|---|---|--|-----------------------------------|
| Subscription for three Quarts payable in ad- vance to cover delivery. | { Delivery by hand 10/- per quarter. " " book post 6/- | Meteorological Office. 116, Victoria Street, Westminster, S.W. | R. H. SCOTT. Secretary. |
|---|---|--|-----------------------------------|

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT APRIL 8TH 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|---|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer. Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | | | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.01 | 34 | SE | 2 | o | 29.99 | + .08 | 35 | 34 | o | S | 2 | o | * | 41 | 27 | — | | |
| Hernösand | 29.97 | 33 | L | o | s | 30.00 | + .13 | 35 | 34 | + 2 | L | o | f | * | 36 | 28 | 0.16 | | |
| Stockholm | 29.94 | 35 | SSE | 2 | o | 30.02 | + .22 | 36 | 35 | + 1 | WNW | 2 | f | * | 39 | 32 | 0.24 | | |
| Wisby | 29.78 | 37 | SE | 2 | f | 29.89 | + .22 | 37 | 36 | o | ENE | 2 | f | * | 41 | 30 | 0.16 | | |
| Bodö | | | | | | | | | | | | | | | | | | | |
| Christiansund | 29.69 | 42 | NNE | 1 | bc | 29.88 | + .30 | 39 | 36 | o | SE | 1 | o | 2 | 46 | 30 | — | | |
| † Skudesnaes | 29.74 | 39 | L | o | o | 29.93 | + .44 | 41 | 39 | — 1 | L | o | o | 2 | 43 | 39 | — | | |
| Oxö (Christiansund) | 29.73 | 36 | NNE | 4 | o | 29.95 | + .39 | 36 | 36 | + 1 | NNE | 4 | o | 2 | 36 | 34 | 0.32 | | |
| Skagen (The Skaw) | 29.78 | 41 | SE | 2 | o | 29.95 | + .35 | 39 | 39 | o | L | o | o | 0 | 43 | 36 | 0.04 | | |
| Fanö | 29.75 | 42 | L | o | b | 29.90 | + .40 | 44 | 43 | + 4 | NE | 1 | b | * | 48 | 37 | — | | |
| Cuxhaven | 29.76 | 49 | NE | 1 | o | 29.85 | + .32 | 45 | 44 | + 2 | ENE | 2 | o | * | 50 | 41 | — | | |
| † Sumburgh Head | 29.71 | 44 | NE | 4 | v | 30.03 | + .49 | 41 | 38 | — 3 | N | 4 | c | 4 | 47 | 39 | — | | |
| † Stornoway | 29.78 | 44 | N | 6 | c | 30.13 | + .59 | 40 | 39 | — 6 | NE | 4 | c | 4 | 46 | 35 | 0.07 | | |
| Wick | 29.76 | 45 | NNE | 2 | bc | 30.07 | + .50 | 42 | 41 | — 1 | N | 3 | r | 2 | 32 | 37 | 0.04 | | |
| Nairn | 29.73 | 44 | E | 1 | o | 30.07 | + .60 | 41 | 40 | — 3 | NE | 3 | o | 2 | 30 | 41 | 0.07 | | |
| † Aberdeen | 29.68 | 45 | NE | 3 | o | 30.02 | + .36 | 45 | 43 | + 1 | N | 4 | o | 2 | 50 | 41 | 0.03 | | |
| Leith | 29.67 | 44 | E | 1 | c | 30.01 | + .62 | 44 | 42 | — 2 | NNE | 1 | o | * | 48 | 41 | 0.02 | | |
| † Shields | 29.62 | 44 | ENE | 2 | o | 29.95 | + .56 | 42 | 41 | + 1 | NE | 2 | bc | 3 | 47 | 41 | 0.03 | | |
| Spurn Head | 29.26 | 45 | ESE | 4 | bc | 29.89 | + .47 | 43 | 42 | — 1 | NNE | 4 | m | 4 | 32 | 42 | — | | |
| York | 29.57 | 48 | N | 2 | o | 29.94 | + .53 | 44 | 42 | + 1 | N | 2 | c | * | 58 | 39 | 0.04 | | |
| Nottingham | 29.58 | 49 | SSE | 2 | b | 29.95 | + .49 | 43 | 41 | + 1 | NNE | 4 | c | * | 58 | 38 | — | | |
| † Ardrossan | 29.68 | 48 | ENE | 2 | c | 30.03 | + .62 | 44 | 41 | — 1 | WNW | 2 | b | 1 | 57 | 39 | 0.05 | | |
| † Mullaghmore | 29.76 | 37 | N | 7 | c | 30.10 | + .59 | 44 | 42 | — 4 | NNE | 5 | bc | 4 | 51 | 43 | — | | |
| Donaghadee | 29.67 | 46 | NNE | 4 | b | 30.04 | + .69 | 46 | 44 | + 2 | NE | 3 | bc | 1 | 49 | 42 | — | | |
| Parsonstown | 29.72 | 48 | WNW | 3 | c | 30.09 | + .56 | 43 | 41 | — 2 | WNW | 3 | o | * | 53 | 38 | 0.10 | | |
| † Holyhead | 29.60 | 46 | N | 4 | c | 29.97 | + .60 | 45 | 43 | o | NNE | 4 | c | 4 | 49 | 43 | 0.06 | | |
| Liverpool (Bidston) | 29.57 | 46 | WNW | 1 | b | 29.95 | + .56 | 44 | 41 | — 1 | NNE | 1 | b | 1 | 63 | 41 | — | | |
| † Valentia | 29.84 | 49 | WNW | 6 | c | 30.12 | + .48 | 47 | 42 | o | NNE | 5 | c | 5 | 53 | 43 | 0.01 | | |
| Roshe's Point | 29.71 | 48 | N | 6 | bc | 30.03 | + .48 | 46 | 43 | — 1 | N | 5 | bc | 4 | 52 | 42 | 0.24 | | |
| Pembroke | | | | | | | | | | | | | | | | | | | |
| † Scilly | 29.65 | 50 | WNW | 7 | o | 29.87 | + .28 | 49 | 48 | o | NNE | 7 | o | 6 | 51 | 46 | 0.02 | | |
| Prawle Point | 29.53 | 46 | N | 4 | c | 29.79 | + .26 | 43 | 42 | — 2 | NNE | 4 | bc | 4 | 50 | 40 | 0.14 | | |
| Hurst Castle | 29.58 | 48 | WSW | 3 | b | 29.82 | + .29 | 44 | 44 | o | NE | 3 | c | 3 | ? 52 | 41 | — | | |
| † Dover | 29.60 | 47 | WSW | 2 | b | 29.82 | + .32 | ? 50 | 46 | + 4 | NE | 3 | b | 1 | 51 | 42 | — | | |
| † London | 29.57 | 48 | SE | 1 | bc | 29.85 | + .31 | 42 | 42 | + 3 | ESE | 2 | f | * | 60 | 34 | 0.09 | | |
| Oxford | 29.56 | 49 | L | o | c | 29.88 | + .38 | 41 | 40 | + 2 | NE | 1 | og | * | 56 | 36 | 0.01 | | |
| Cambridge | 29.57 | 51 | S | 1 | o | 29.88 | + .40 | 39 | 38 | — 4 | N | 1 | f | * | 60 | 34 | — | | |
| † Yarmouth | 29.60 | 46 | SSE | 1 | bc | 29.87 | + .39 | 42 | 42 | — 2 | NE | 1 | bf | 2 | 48 | 40 | 0.33 | | |
| The Helder | | | | | | 29.86 | + .37 | 44 | 44 | o | NE | 1 | b | * | * | * | * | | |
| Cape Gris Nez | 29.63 | 48 | SW | 3 | bc | 29.80 | + .29 | 44 | 42 | — 2 | E | 1 | b | o | 54 | 39 | — | | |
| † Jersey | 29.63 | 46 | N | 4 | bc | 29.78 | + .18 | 46 | 45 | — 1 | E | 2 | c | 3 | 51 | 43 | 0.09 | | |
| Brest | 29.68 | 49 | WNW | 5 | bc | 29.82 | + .18 | 46 | 46 | — 1 | N | 5 | o | 3 | 52 | 45 | 0.04 | | |
| Lorient | 29.68 | 49 | WNW | 7 | bc | 29.72 | + .08 | 45 | 44 | — 1 | WNW | 5 | c | 4 | 54 | 43 | 0.20 | | |
| † Rochefort | 29.73 | 52 | WNW | 5 | bc | 29.78 | + .08 | 48 | 45 | o | WNW | 4 | c | 2 | 61 | 43 | 0.28 | | |
| Biarritz | 29.84 | 50 | N | 8 | r | 29.86 | + .07 | 47 | 45 | — 2 | WSW | 7 | r | 5 | 55 | 43 | 1.10 | | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | 29.81 | + .25 | 43 | 41 | — 2 | N | 1 | b | * | 54 | 39 | 0.12 | | |
| Charleville | | | | | | | | | | | | | | | | | | | |
| Paris | | | | | | | | | | | | | | | | | | | |
| Lyons | 29.69 | 48 | N | 1 | bc | 29.76 | + .12 | 45 | 42 | + 1 | WNW | 1 | o | * | 52 | 41 | 0.04 | | |
| Toulon | 29.60 | 51 | WNW | 9 | bc | 29.65 | + .15 | 47 | 40 | + 3 | WNW | 9 | b | 7 | 55 | 43 | — | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.35 | 41 | NNE | 2 | bc | 28.69 | + .34 | 39 | 38 | o | NNE | 3 | o | * | 43 | 36 | 0.16 | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|----|--|-------|-------|----|----|---|-----|---|---|---|----|----|------|
| Hawes Junction | 28.35 | 41 | NNE | 2 | bc | | 28.69 | + .34 | 39 | 38 | o | NNE | 3 | o | * | 43 | 36 | 0.16 |
|----------------|-------|----|-----|---|----|--|-------|-------|----|----|---|-----|---|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.60 | 43 | 41 | NNW | 1 | o | 3 | Valentia ... | 29.75 | 53 | 47 | NNW | 6 | cq | 6 |
| Sumburgh Head | 29.62 | 45 | 42 | ENE | 4 | c | 3 | Scilly ... | 29.60 | 50 | 49 | NNW | 6 | o | 6 |
| Stornoway ... | 29.65 | 45 | 45 | NNE | 3 | r | 3 | Dover ... | 29.56 | 50 | 48 | WSW | 3 | b | 2 |
| Aberdeen ... | 29.58 | 46 | 43 | NE | 3 | bc | 4 | London ... | 29.52 | 54 | 46 | S | 2 | bc | * |
| Shields ... | 29.47 | 47 | 45 | ENE | 2 | c | 3 | Yarmouth ... | 29.53 | 47 | 45 | SSE | 3 | bc | 2 |
| Ardrossan ... | 29.55 | 45 | 43 | ENE | 12 | r | 2 | Jersey ... | 29.63 | 49 | 47 | N | 4 | bc | 4 |
| Mullaghmore ... | 29.63 | 49 | 47 | N | 7 | c | 6 | Rochefort ... | 29.74 | 56 | 50 | N | 5 | bc | 2 |
| Holyhead ... | 29.44 | 47 | 46 | NNE | 4 | c | 3 | | | | | | | | |

The barometer has risen over the whole country, but the change has been very slight in the SE, and the depression is apparently passing slowly SEwards over us. The winds are unchanged, and the weather is dull and showery in the SE.

EXPLANATION OF COLUMNS.

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. dew.

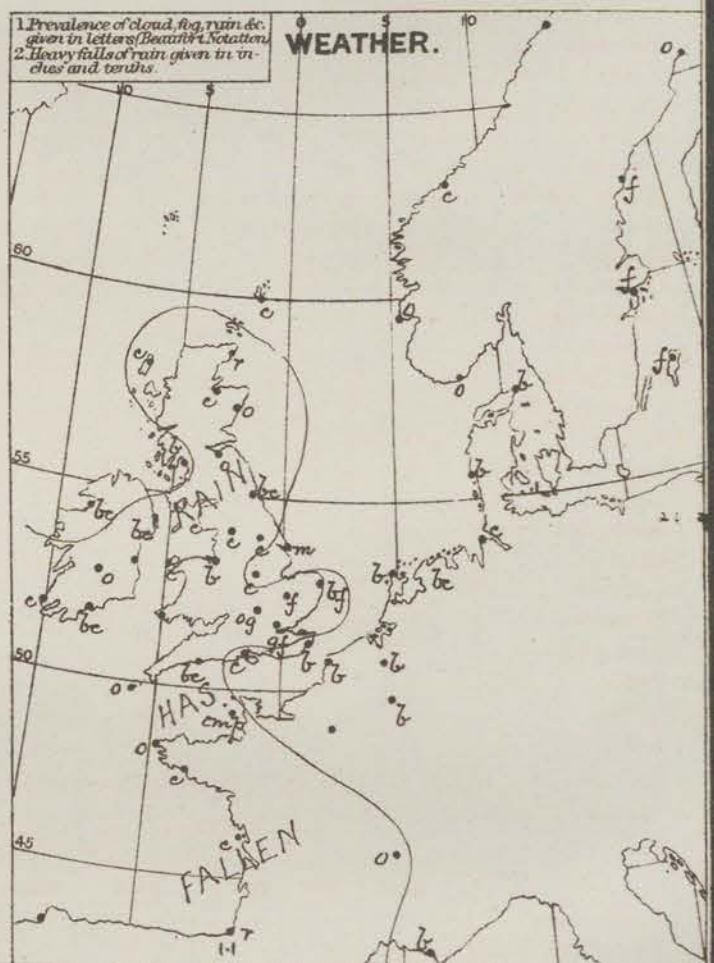
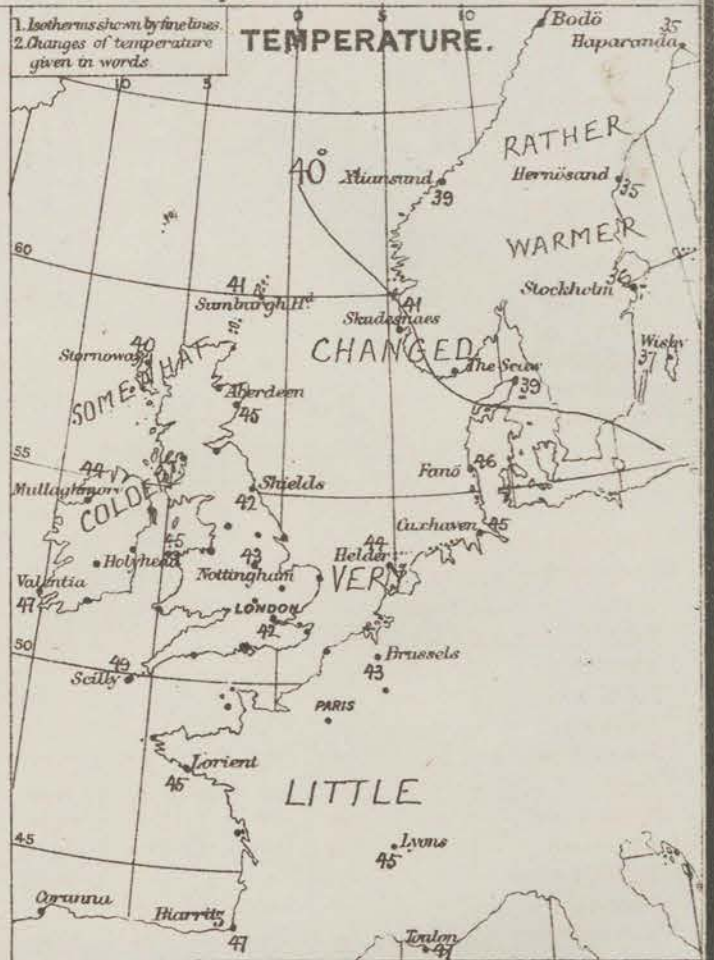
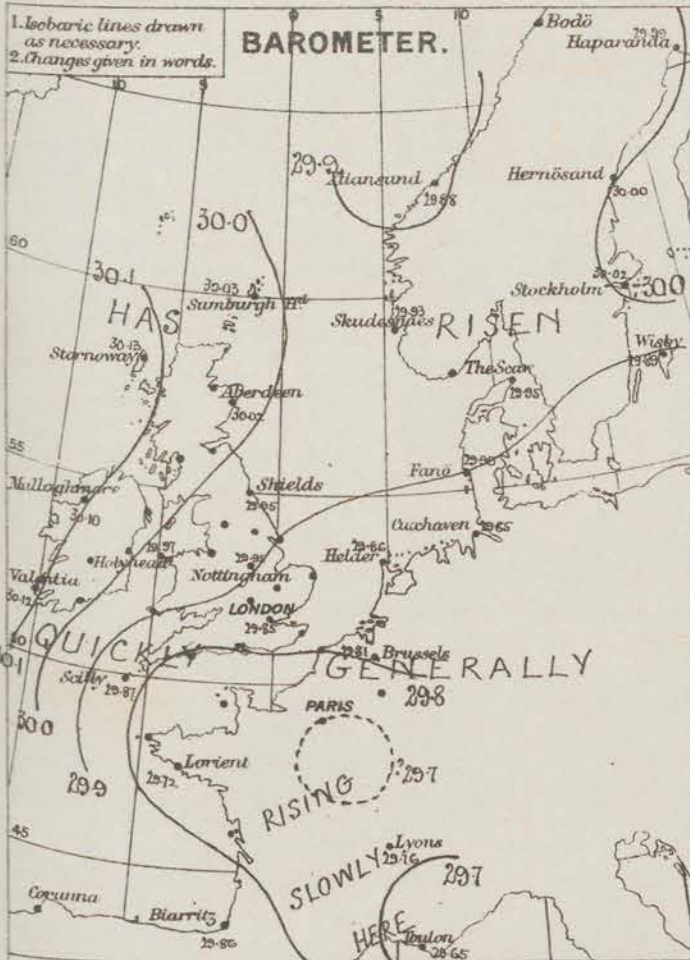
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on *Thurs day 8th APRIL. 1880.*



REMARKS. The change of wind and weather which had commenced in the N. of our islands yesterday, has now extended to all parts of the Kingdom. The shallow depression, whose centre lay over Cumberland at 8 a.m. yesterday, moved SE and S during the day, and has now reached central France. In its rear the barometer rose very quickly, and N to NE breezes, set in all over the Kingdom. Showers of cold rain and hail were felt at first in many places, accompanied by thunder and lightning in many localities. Temperature has decreased somewhat, and varies now between 39° and 43° over our SE counties to between 40° and 45° in Scotland, and 47° to 49° on our SW coasts. During yesterday's maximum readings as high as 57° to 60° were recorded over England, but in the night the thermometer fell to 34° over our SE counties, and to 38° in the N. The sea is still rough in the SW, moderate or slight in most other districts; moderate at Holyhead, very smooth off Dover.

DAILY WEATHER REPORT APRIL 9TH 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|----------------|---------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda ... | 30.08 | 32 | W | 0 | 0 | 30.17 | +18 | 30 | 30 | -5 | S | 2 | 0 | * | 36 | 28 | - | |
| Hernösand ... | 30.16 | 32 | W | 0 | 0 | 30.21 | +21 | 33 | 32 | -2 | E | 2 | 6 | * | 41 | 28 | - | |
| Stockholm ... | 30.11 | 35 | NE | 2 | f | 30.18 | +16 | 35 | 34 | -1 | NE | 4 | 0 | * | 43 | 32 | 0.04 | |
| Wisby ... | 29.94 | 34 | E | 2 | 0 | 30.01 | +12 | 35 | 34 | -2 | NNE | 6 | 0 | * | 41 | 34 | - | |
| Bodö ... | 30.01 | 34 | SW | 4 | c | 30.11 | | 38 | 33 | | SW | 6 | 0 | 4 | 43 | 34 | 0.16 | |
| Christiansund... | 30.16 | 37 | N | 4 | f | 30.24 | +36 | 40 | 38 | +1 | SSW | 3 | c | 2 | 45 | 32 | - | |
| † Skudesnaes ... | 30.15 | 40 | NNE | 2 | 0 | 30.24 | +31 | 38 | 38 | -3 | NNW | 4 | f | 2 | ? | 39 | - | |
| Oxö (Xiansund) ... | 30.16 | 38 | NNE | 2 | c | 30.18 | +23 | 32 | ? | -4 | SSW | 1 | 6 | 1 | 41 | 30 | - | |
| Skagen (The Skaw) | 30.13 | 39 | ENE | 3 | 0 | 30.20 | +25 | 35 | 35 | -4 | NE | 4 | 0 | 1 | 43 | 34 | - | |
| Fanö ... | 30.11 | 39 | NE | 4 | 0 | 30.15 | +25 | 36 | 35 | -10 | NNE | 4 | 0 | * | 55 | 36 | - | |
| Cuxhaven ... | 30.01 | 48 | ENE | 4 | 0 | 30.10 | +25 | 43 | 42 | -2 | NNE | 5 | 0 | * | 50 | 39 | - | |
| † Sumburgh Head | 30.26 | 42 | N | 4 | b | 30.36 | +33 | 44 | 41 | +3 | WSW | 2 | 0 | 2 | 46 | 34 | - | |
| † Stornoway ... | 30.31 | 44 | ENE | 4 | b | 30.44 | +31 | 41 | 40 | +1 | W | 0 | 6 | 0 | 45 | 33 | - | |
| Wick ... | 30.32 | 43 | N | 2 | bc | 30.42 | +35 | 44 | 42 | +2 | NW | 2 | 6 | 1 | 47 | 30 | - | |
| Nairn ... | 30.30 | 43 | E | 2 | 0 | 30.45 | +33 | 38 | 36 | -4 | W | 0 | 0 | 2 | 47 | 32 | 0.03 | |
| † Aberdeen ... | 30.26 | 46 | N | 4 | c | 30.43 | +41 | 44 | 41 | -1 | N | 4 | 6 | 2 | 47 | 36 | 0.08 | |
| Leith ... | 30.25 | 44 | E | 2 | 0 | 30.44 | +43 | 42 | 39 | -2 | ENE | 1 | c | * | 50 | 31 | - | |
| † Shields ... | 30.16 | 45 | NNE | 3 | b | 30.39 | +44 | 43 | 41 | +1 | NE | 4 | 0 | 4 | 47 | 41 | 0.04 | |
| Spurn Head ... | 30.11 | 42 | NE | 5 | 0 | 30.29 | +40 | 41 | 41 | -2 | NNE | 5 | 0 | 5 | 47 | 40 | - | |
| York ... | 30.14 | 46 | NNE | 2 | 0 | 30.35 | +41 | 45 | 42 | +1 | NNE | 2 | c | * | 50 | 37 | 0.01 | |
| Nottingham ... | 30.15 | 47 | N | 3 | c | 30.33 | +38 | 44 | 42 | +1 | N | 4 | c | * | 54 | 39 | - | |
| † Ardrossan ... | 30.22 | 49 | W | 0 | 0 | 30.44 | +41 | 44 | 40 | 0 | W | 0 | 6 | 0 | 59 | 36 | 0.02 | |
| † Mullaghmore ... | 30.26 | 47 | NNE | 6 | bc | 30.44 | +34 | 44 | 42 | 0 | E | 3 | 6 | 2 | 51 | 40 | - | |
| Donaghadee ... | 30.23 | 46 | NE | 3 | c | 30.45 | +41 | 45 | 42 | -1 | ENE | 2 | 6 | 0 | 51 | 41 | - | |
| Parsonstown ... | 30.22 | 47 | W | 0 | c | 30.45 | +36 | 39 | 38 | -4 | ENE | 1 | 6 | * | 52 | 31 | 0.10 | |
| † Holyhead ... | 30.14 | 47 | NNE | 4 | b | 30.38 | +41 | 45 | ? | 0 | NNE | 4 | 6 | 3 | 48 | 42 | - | |
| Liverpool (Bidston) | 30.11 | 49 | NE | 3 | c | 30.36 | +41 | 46 | 42 | +2 | NNE | 1 | 6 | 1 | 51 | 39 | - | |
| † Valentia ... | 30.25 | 50 | N | 4 | bc | 30.40 | +28 | 48 | 44 | +1 | NNE | 3 | 6 | 3 | 53 | 42 | - | |
| Roche's Point ... | 30.20 | 48 | NNE | 5 | bc | 30.37 | +34 | 45 | 42 | -1 | NNE | 4 | 6 | 3 | 51 | 40 | - | |
| Pembroke ... | 30.12 | 48 | NNE | 5 | b | 30.31 | +41 | 43 | 41 | -2 | NE | 3 | 6 | 1 | 50 | 40 | - | |
| † Scilly ... | 30.07 | 49 | NNE | 7 | c | 30.25 | +38 | 49 | 48 | 0 | NE | 5 | 6 | 4 | 49 | 47 | - | |
| Prawle Point ... | 29.99 | 49 | NE | 4 | b | 30.23 | +44 | 42 | 40 | -1 | NE | 5 | c | 4 | 53 | 38 | - | |
| Hurst Castle ... | 30.00 | 44 | W | 0 | c | 30.17 | +35 | 43 | 41 | -1 | ENE | 5 | 6 | 4 | 53 | 41 | 0.39 | |
| † Dover ... | 29.94 | 49 | ENE | 5 | b | 30.14 | +32 | 44 | 41 | -6 | NE | 6 | c | 5 | 53 | 41 | - | |
| † London ... | 30.00 | 49 | ENE | 2 | c | 30.22 | +37 | 44 | 41 | +2 | NE | 5 | cq | * | 56 | 41 | 0.04 | |
| Oxford ... | 30.05 | 47 | ENE | 3 | 0 | 30.28 | +40 | 43 | 40 | +2 | N | 2 | ow | * | 54 | 36 | 0.04 | |
| Cambridge ... | 30.06 | 46 | N | 2 | b | 30.26 | +38 | 43 | 42 | +4 | NNE | 1 | ow | * | 58 | 37 | 0.11 | |
| † Yarmouth ... | 30.02 | 46 | NNE | 3 | f | 30.21 | +34 | 43 | 40 | 0 | NNE | 5 | c | 4 | 48 | 39 | - | |
| The Helder ... | * | * | * | * | * | 30.13 | +27 | 43 | 42 | -1 | NNE | 3 | c | * | * | * | * | |
| Cape Gris Nez ... | 29.94 | 47 | NE | 4 | bc | 30.12 | +32 | 44 | 42 | 0 | NNE | 8 | 0 | 6 | 54 | 43 | - | |
| † Jersey ... | 29.95 | 50 | NE | 4 | b | 30.08 | +30 | 45 | 43 | -1 | NE | 6 | ow | 4 | 52 | 44 | - | |
| Brest ... | 30.00 | 48 | NE | 5 | b | 30.14 | +32 | 46 | 44 | 0 | ENE | 5 | m | 3 | 52 | 43 | - | |
| Lorient ... | 29.98 | 48 | NNE | 5 | e | 30.04 | +32 | 46 | 44 | +1 | NE | 7 | c | 4 | 54 | 43 | 0.20 | |
| † Rochefort ... | 29.84 | 52 | NW | 4 | bc | 29.95 | +17 | 46 | 45 | -2 | ENE | 5 | 6 | 2 | 61 | 43 | 0.20 | |
| Biarritz ... | 29.89 | 52 | NW | 8 | h | 29.90 | +04 | 48 | 45 | +1 | WSW | 8 | h | 5 | 57 | 41 | 1.14 | |
| Corunna ... | * | * | * | * | * | | | * | | | | | | * | * | * | | |
| Brussels ... | * | * | * | * | * | 30.08 | +27 | 41 | 39 | -2 | NE | 1 | 0 | * | 59 | 40 | 0.04 | |
| Charleville ... | ? | 54 | ENE | 4 | 0 | ? | ? | 41 | 37 | | ENE | 5 | 0 | * | 60 | 40 | - | |
| Paris ... | 29.87 | 49 | ENE | 3 | 0 | 30.02 | +22 | 46 | 43 | -1 | NNE | 5 | 0 | * | * | * | - | |
| Lyons ... | 29.77 | 47 | NNW | 1 | 0 | 29.80 | +04 | 46 | 43 | +1 | NNW | 1 | 0 | * | 48 | 42 | 0.24 | |
| Toulon ... | 29.62 | 52 | NW | 8 | b | 29.72 | +07 | 46 | 42 | -1 | NW | 7 | 6 | 7 | 55 | 43 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.88 | 42 | E | 4 | b | 29.09 | +40 | 38 | 37 | -1 | NNE | 4 | 0 | * | 47 | 36 | - | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|-----|----|----|----|-----|---|---|----|----|---|
| Hawes Junction | 29.88 | 42 | E | 4 | b | 29.09 | +40 | 38 | 37 | +1 | NNE | 4 | 0 | 47 | 36 | - |
|----------------|-------|----|---|---|---|-------|-----|----|----|----|-----|---|---|----|----|---|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|-----|---|
| Skudesnaes ... | 30.08 | 47 | 43 | NW | 2 | 0 | 2 | Valentia ... | 30.18 | 52 | 46 | N | 4 | c | 5 |
| Sumburgh Head | 30.15 | 45 | 39 | N | 4 | bc | 4 | Scilly ... | 29.97 | 49 | 48 | NNE | 6 | c | 6 |
| Stornoway ... | 30.21 | 44 | 42 | NE | 5 | 0 | 5 | Dover ... | 29.88 | 52 | 46 | ENE | 2 | b | 1 |
| Aberdeen ... | 30.13 | 46 | 44 | NNE | 3 | h | 2 | London ... | 29.90 | 54 | 47 | ENE | 3 | c p | * |
| Shields ... | 30.07 | 45 | 43 | ENE | 3 | b | 3 | Yarmouth ... | 29.95 | 47 | 45 | NNE | 2 | b | 2 |
| Ardrossan ... | 30.12 | 51 | 46 | NNE | 2 | 0 | 1 | Jersey ... | 29.87 | 52 | 48 | NE | 3 | bc | 3 |
| Mullaghmore ... | 30.19 | 48 | 44 | NNE | 5 | c | 4 | Rochefort ... | 29.76 | 59 | 48 | WNW | 4 | bc | 2 |
| Holyhead ... | 30.06 | 48 | 45 | NNE | 4 | b | 4 | | | | | | | | |

The rise of the barometer seems to have become less rapid in the extreme NW. of our Islands. No other change worth noting is reported, excepting the prevalence of showery weather in some parts of our E. and NE. districts.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

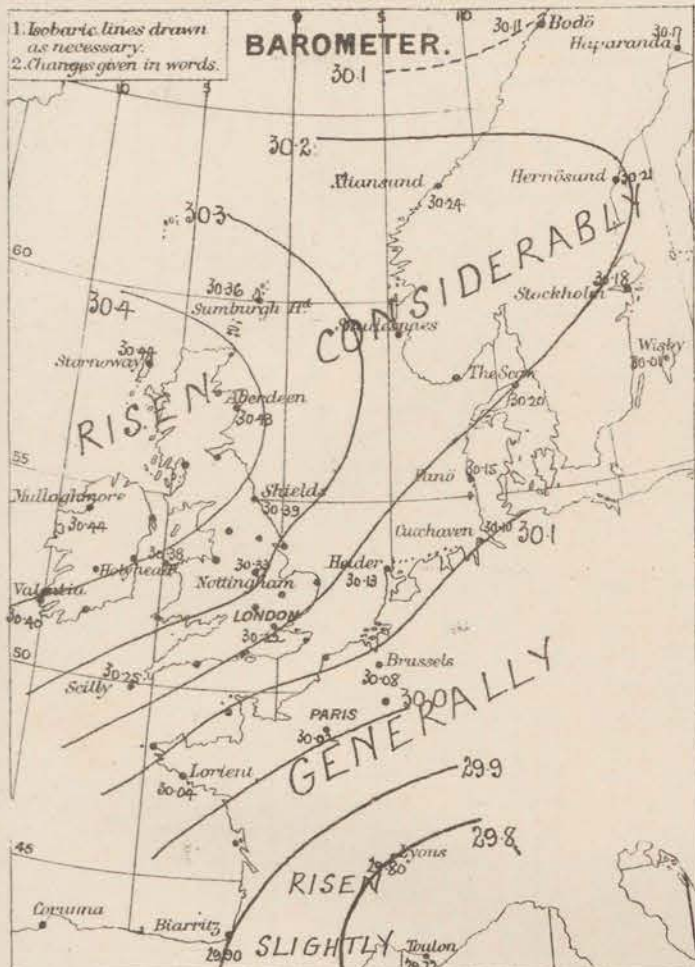
† These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Friday 9th APRIL 1880.

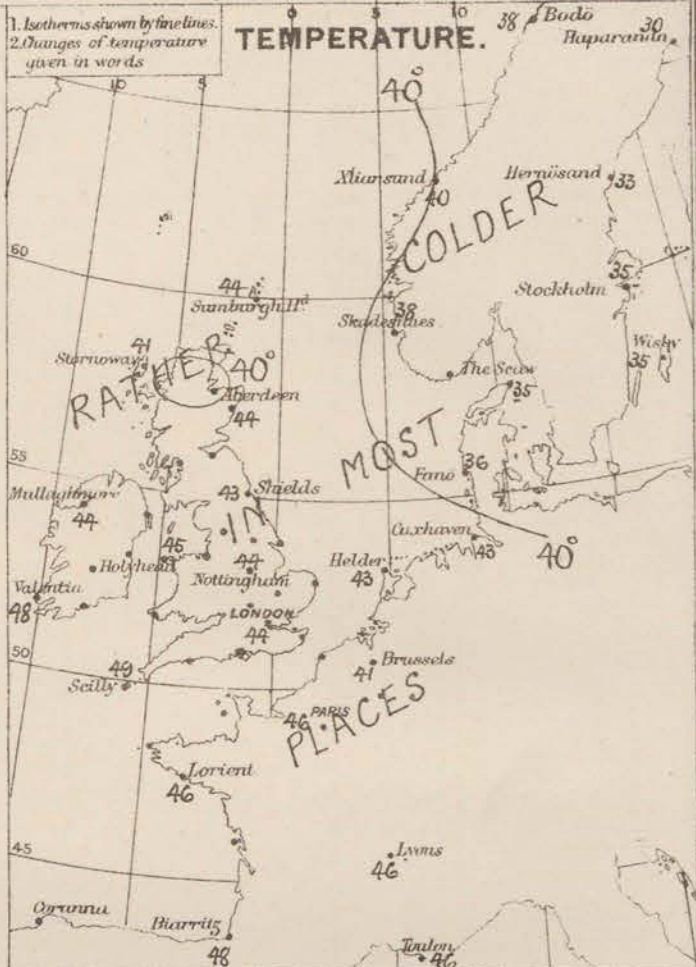
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



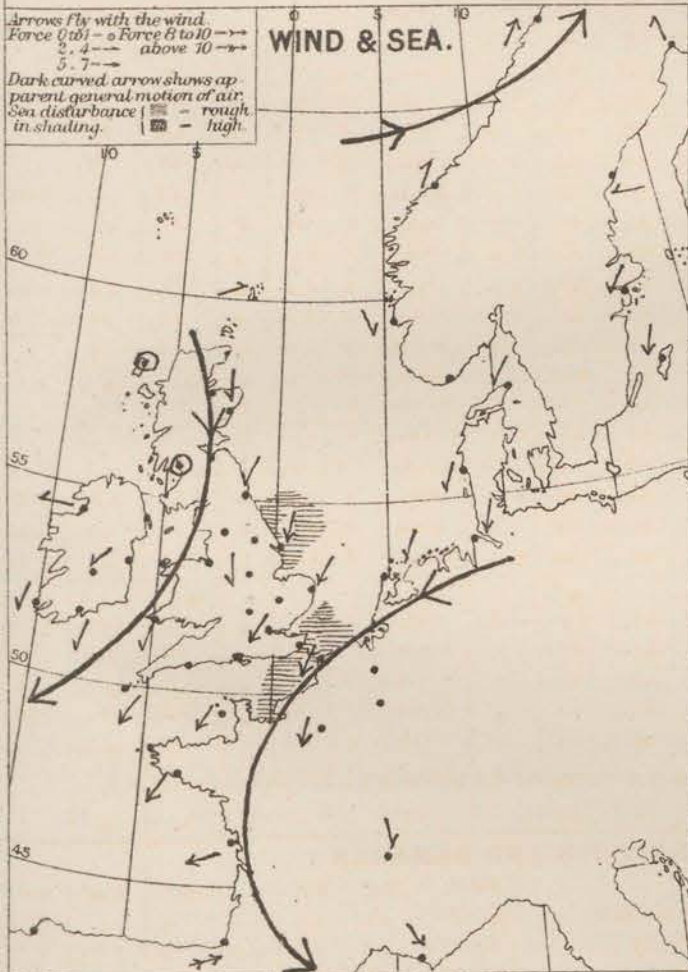
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



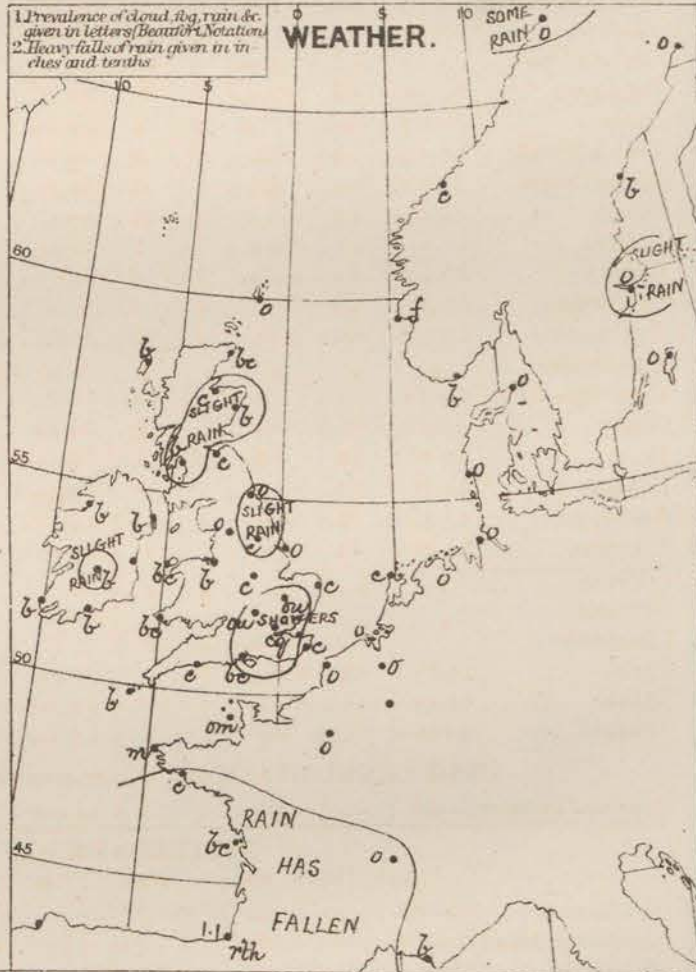
Arrows fly with the wind.
Force 1-5 Force 6-10 Force 11-15 Force 16-20 Force 21-25 Force 26-30 Force 31-40 Force 41-50 Force 51-60 Force 61-70 Force 71-80 Force 81-90 Force 91-100 Force 101-110 Force 111-120 Force 121-130 Force 131-140 Force 141-150 Force 151-160 Force 161-170 Force 171-180 Force 181-190 Force 191-200 Force 201-210 Force 211-220 Force 221-230 Force 231-240 Force 241-250 Force 251-260 Force 261-270 Force 271-280 Force 281-290 Force 291-300 Force 301-310 Force 311-320 Force 321-330 Force 331-340 Force 341-350 Force 351-360 Force 361-370 Force 371-380 Force 381-390 Force 391-400 Force 401-410 Force 411-420 Force 421-430 Force 431-440 Force 441-450 Force 451-460 Force 461-470 Force 471-480 Force 481-490 Force 491-500 Force 501-510 Force 511-520 Force 521-530 Force 531-540 Force 541-550 Force 551-560 Force 561-570 Force 571-580 Force 581-590 Force 591-600 Force 601-610 Force 611-620 Force 621-630 Force 631-640 Force 641-650 Force 651-660 Force 661-670 Force 671-680 Force 681-690 Force 691-700 Force 701-710 Force 711-720 Force 721-730 Force 731-740 Force 741-750 Force 751-760 Force 761-770 Force 771-780 Force 781-790 Force 791-800 Force 801-810 Force 811-820 Force 821-830 Force 831-840 Force 841-850 Force 851-860 Force 861-870 Force 871-880 Force 881-890 Force 891-900 Force 901-910 Force 911-920 Force 921-930 Force 931-940 Force 941-950 Force 951-960 Force 961-970 Force 971-980 Force 981-990 Force 991-1000 Force 1001-1010 Force 1011-1020 Force 1021-1030 Force 1031-1040 Force 1041-1050 Force 1051-1060 Force 1061-1070 Force 1071-1080 Force 1081-1090 Force 1091-1100 Force 1101-1110 Force 1111-1120 Force 1121-1130 Force 1131-1140 Force 1141-1150 Force 1151-1160 Force 1161-1170 Force 1171-1180 Force 1181-1190 Force 1191-1200 Force 1201-1210 Force 1211-1220 Force 1221-1230 Force 1231-1240 Force 1241-1250 Force 1251-1260 Force 1261-1270 Force 1271-1280 Force 1281-1290 Force 1291-1300 Force 1301-1310 Force 1311-1320 Force 1321-1330 Force 1331-1340 Force 1341-1350 Force 1351-1360 Force 1361-1370 Force 1371-1380 Force 1381-1390 Force 1391-1400 Force 1401-1410 Force 1411-1420 Force 1421-1430 Force 1431-1440 Force 1441-1450 Force 1451-1460 Force 1461-1470 Force 1471-1480 Force 1481-1490 Force 1491-1500 Force 1501-1510 Force 1511-1520 Force 1521-1530 Force 1531-1540 Force 1541-1550 Force 1551-1560 Force 1561-1570 Force 1571-1580 Force 1581-1590 Force 1591-1600 Force 1601-1610 Force 1611-1620 Force 1621-1630 Force 1631-1640 Force 1641-1650 Force 1651-1660 Force 1661-1670 Force 1671-1680 Force 1681-1690 Force 1691-1700 Force 1701-1710 Force 1711-1720 Force 1721-1730 Force 1731-1740 Force 1741-1750 Force 1751-1760 Force 1761-1770 Force 1771-1780 Force 1781-1790 Force 1791-1800 Force 1801-1810 Force 1811-1820 Force 1821-1830 Force 1831-1840 Force 1841-1850 Force 1851-1860 Force 1861-1870 Force 1871-1880 Force 1881-1890 Force 1891-1900 Force 1901-1910 Force 1911-1920 Force 1921-1930 Force 1931-1940 Force 1941-1950 Force 1951-1960 Force 1961-1970 Force 1971-1980 Force 1981-1990 Force 1991-2000 Force 2001-2010 Force 2011-2020 Force 2021-2030 Force 2031-2040 Force 2041-2050 Force 2051-2060 Force 2061-2070 Force 2071-2080 Force 2081-2090 Force 2091-2100 Force 2101-2110 Force 2111-2120 Force 2121-2130 Force 2131-2140 Force 2141-2150 Force 2151-2160 Force 2161-2170 Force 2171-2180 Force 2181-2190 Force 2191-2200 Force 2201-2210 Force 2211-2220 Force 2221-2230 Force 2231-2240 Force 2241-2250 Force 2251-2260 Force 2261-2270 Force 2271-2280 Force 2281-2290 Force 2291-2300 Force 2301-2310 Force 2311-2320 Force 2321-2330 Force 2331-2340 Force 2341-2350 Force 2351-2360 Force 2361-2370 Force 2371-2380 Force 2381-2390 Force 2391-2400 Force 2401-2410 Force 2411-2420 Force 2421-2430 Force 2431-2440 Force 2441-2450 Force 2451-2460 Force 2461-2470 Force 2471-2480 Force 2481-2490 Force 2491-2500 Force 2501-2510 Force 2511-2520 Force 2521-2530 Force 2531-2540 Force 2541-2550 Force 2551-2560 Force 2561-2570 Force 2571-2580 Force 2581-2590 Force 2591-2600 Force 2601-2610 Force 2611-2620 Force 2621-2630 Force 2631-2640 Force 2641-2650 Force 2651-2660 Force 2661-2670 Force 2671-2680 Force 2681-2690 Force 2691-2700 Force 2701-2710 Force 2711-2720 Force 2721-2730 Force 2731-2740 Force 2741-2750 Force 2751-2760 Force 2761-2770 Force 2771-2780 Force 2781-2790 Force 2791-2800 Force 2801-2810 Force 2811-2820 Force 2821-2830 Force 2831-2840 Force 2841-2850 Force 2851-2860 Force 2861-2870 Force 2871-2880 Force 2881-2890 Force 2891-2900 Force 2901-2910 Force 2911-2920 Force 2921-2930 Force 2931-2940 Force 2941-2950 Force 2951-2960 Force 2961-2970 Force 2971-2980 Force 2981-2990 Force 2991-3000 Force 3001-3010 Force 3011-3020 Force 3021-3030 Force 3031-3040 Force 3041-3050 Force 3051-3060 Force 3061-3070 Force 3071-3080 Force 3081-3090 Force 3091-3100 Force 3101-3110 Force 3111-3120 Force 3121-3130 Force 3131-3140 Force 3141-3150 Force 3151-3160 Force 3161-3170 Force 3171-3180 Force 3181-3190 Force 3191-3200 Force 3201-3210 Force 3211-3220 Force 3221-3230 Force 3231-3240 Force 3241-3250 Force 3251-3260 Force 3261-3270 Force 3271-3280 Force 3281-3290 Force 3291-3300 Force 3301-3310 Force 3311-3320 Force 3321-3330 Force 3331-3340 Force 3341-3350 Force 3351-3360 Force 3361-3370 Force 3371-3380 Force 3381-3390 Force 3391-3400 Force 3401-3410 Force 3411-3420 Force 3421-3430 Force 3431-3440 Force 3441-3450 Force 3451-3460 Force 3461-3470 Force 3471-3480 Force 3481-3490 Force 3491-3500 Force 3501-3510 Force 3511-3520 Force 3521-3530 Force 3531-3540 Force 3541-3550 Force 3551-3560 Force 3561-3570 Force 3571-3580 Force 3581-3590 Force 3591-3600 Force 3601-3610 Force 3611-3620 Force 3621-3630 Force 3631-3640 Force 3641-3650 Force 3651-3660 Force 3661-3670 Force 3671-3680 Force 3681-3690 Force 3691-3700 Force 3701-3710 Force 3711-3720 Force 3721-3730 Force 3731-3740 Force 3741-3750 Force 3751-3760 Force 3761-3770 Force 3771-3780 Force 3781-3790 Force 3791-3800 Force 3801-3810 Force 3811-3820 Force 3821-3830 Force 3831-3840 Force 3841-3850 Force 3851-3860 Force 3861-3870 Force 3871-3880 Force 3881-3890 Force 3891-3900 Force 3901-3910 Force 3911-3920 Force 3921-3930 Force 3931-3940 Force 3941-3950 Force 3951-3960 Force 3961-3970 Force 3971-3980 Force 3981-3990 Force 3991-4000 Force 4001-4010 Force 4011-4020 Force 4021-4030 Force 4031-4040 Force 4041-4050 Force 4051-4060 Force 4061-4070 Force 4071-4080 Force 4081-4090 Force 4091-4100 Force 4101-4110 Force 4111-4120 Force 4121-4130 Force 4131-4140 Force 4141-4150 Force 4151-4160 Force 4161-4170 Force 4171-4180 Force 4181-4190 Force 4191-4200 Force 4201-4210 Force 4211-4220 Force 4221-4230 Force 4231-4240 Force 4241-4250 Force 4251-4260 Force 4261-4270 Force 4271-4280 Force 4281-4290 Force 4291-4300 Force 4301-4310 Force 4311-4320 Force 4321-4330 Force 4331-4340 Force 4341-4350 Force 4351-4360 Force 4361-4370 Force 4371-4380 Force 4381-4390 Force 4391-4400 Force 4401-4410 Force 4411-4420 Force 4421-4430 Force 4431-4440 Force 4441-4450 Force 4451-4460 Force 4461-4470 Force 4471-4480 Force 4481-4490 Force 4491-4500 Force 4501-4510 Force 4511-4520 Force 4521-4530 Force 4531-4540 Force 4541-4550 Force 4551-4560 Force 4561-4570 Force 4571-4580 Force 4581-4590 Force 4591-4600 Force 4601-4610 Force 4611-4620 Force 4621-4630 Force 4631-4640 Force 4641-4650 Force 4651-4660 Force 4661-4670 Force 4671-4680 Force 4681-4690 Force 4691-4700 Force 4701-4710 Force 4711-4720 Force 4721-4730 Force 4731-4740 Force 4741-4750 Force 4751-4760 Force 4761-4770 Force 4771-4780 Force 4781-4790 Force 4791-4800 Force 4801-4810 Force 4811-4820 Force 4821-4830 Force 4831-4840 Force 4841-4850 Force 4851-4860 Force 4861-4870 Force 4871-4880 Force 4881-4890 Force 4891-4900 Force 4901-4910 Force 4911-4920 Force 4921-4930 Force 4931-4940 Force 4941-4950 Force 4951-4960 Force 4961-4970 Force 4971-4980 Force 4981-4990 Force 4991-5000 Force 5001-5010 Force 5011-5020 Force 5021-5030 Force 5031-5040 Force 5041-5050 Force 5051-5060 Force 5061-5070 Force 5071-5080 Force 5081-5090 Force 5091-5100 Force 5101-5110 Force 5111-5120 Force 5121-5130 Force 5131-5140 Force 5141-5150 Force 5151-5160 Force 5161-5170 Force 5171-5180 Force 5181-5190 Force 5191-5200 Force 5201-5210 Force 5211-5220 Force 5221-5230 Force 5231-5240 Force 5241-5250 Force 5251-5260 Force 5261-5270 Force 5271-5280 Force 5281-5290 Force 5291-5300 Force 5301-5310 Force 5311-5320 Force 5321-5330 Force 5331-5340 Force 5341-5350 Force 5351-5360 Force 5361-5370 Force 5371-5380 Force 5381-5390 Force 5391-5400 Force 5401-5410 Force 5411-5420 Force 5421-5430 Force 5431-5440 Force 5441-5450 Force 5451-5460 Force 5461-5470 Force 5471-5480 Force 5481-5490 Force 5491-5500 Force 5501-5510 Force 5511-5520 Force 5521-5530 Force 5531-5540 Force 5541-5550 Force 5551-5560 Force 5561-5570 Force 5571-5580 Force 5581-5590 Force 5591-5600 Force 5601-5610 Force 5611-5620 Force 5621-5630 Force 5631-5640 Force 5641-5650 Force 5651-5660 Force 5661-5670 Force 5671-5680 Force 5681-5690 Force 5691-5700 Force 5701-5710 Force 5711-5720 Force 5721-5730 Force 5731-5740 Force 5741-5750 Force 5751-5760 Force 5761-5770 Force 5771-5780 Force 5781-5790 Force 5791-5800 Force 5801-5810 Force 5811-5820 Force 5821-5830 Force 5831-5840 Force 5841-5850 Force 5851-5860 Force 5861-5870 Force 5871-5880 Force 5881-5890 Force 5891-5900 Force 5901-5910 Force 5911-5920 Force 5921-5930 Force 5931-5940 Force 5941-5950 Force 5951-5960 Force 5961-5970 Force 5971-5980 Force 5981-5990 Force 5991-6000 Force 6001-6010 Force 6011-6020 Force 6021-6030 Force 6031-6040 Force 6041-6050 Force 6051-6060 Force 6061-6070 Force 6071-6080 Force 6081-6090 Force 6091-6100 Force 6101-6110 Force 6111-6120 Force 6121-6130 Force 6131-6140 Force 6141-6150 Force 6151-6160 Force 6161-6170 Force 6171-6180 Force 6181-6190 Force 6191-6200 Force 6201-6210 Force 6211-6220 Force 6221-6230 Force 6231-6240 Force 6241-6250 Force 6251-6260 Force 6261-6270 Force 6271-6280 Force 6281-6290 Force 6291-6300 Force 6301-6310 Force 6311-6320 Force 6321-6330 Force 6331-6340 Force 6341-6350 Force 6351-6360 Force 6361-6370 Force 6371-6380 Force 6381-6390 Force 6391-6400 Force 6401-6410 Force 6411-6420 Force 6421-6430 Force 6431-6440 Force 6441-6450 Force 6451-6460 Force 6461-6470 Force 6471-6480 Force 6481-6490 Force 6491-6500 Force 6501-6510 Force 6511-6520 Force 6521-6530 Force 6531-6540 Force 6541-6550 Force 6551-6560 Force 6561-6570 Force 6571-6580 Force 6581-6590 Force 6591-6600 Force 6601-6610 Force 6611-6620 Force 6621-6630 Force 6631-6640 Force 6641-6650 Force 6651-6660 Force 6661-6670 Force 6671-6680 Force 6681-6690 Force 6691-6700 Force 6701-6710 Force 6711-6720 Force 6721-6730 Force 6731-6740 Force 6741-6750 Force 6751-6760 Force 6761-6770 Force 6771-6780 Force 6781-6790 Force 6791-6800 Force 6801-6810 Force 6811-6820 Force 6821-6830 Force 6831-6840 Force 6841-6850 Force 6851-6860 Force 6861-6870 Force 6871-6880 Force 6881-6890 Force 6891-6900 Force 6901-6910 Force 6911-6920 Force 6921-6930 Force 6931-6940 Force 6941-6950 Force 6951-6960 Force 6961-6970 Force 6971-6980 Force 6981-6990 Force 6991-7000 Force 7001-7010 Force 7011-7020 Force 7021-7030 Force 7031-7040 Force 7041-7050 Force 7051-7060 Force 7061-7070 Force 7071-7080 Force 7081-7090 Force 7091-7100 Force 7101-7110 Force 7111-7120 Force 7121-7130 Force 7131-7140 Force 7141-7150 Force 7151-7160 Force 7161-7170 Force 7171-7180 Force 7181-7190 Force 7191-7200 Force 7201-7210 Force 7211-7220 Force 7221-7230 Force 7231-7240 Force 7241-7250 Force 7251-7260 Force 7261-7270 Force 7271-7280 Force 7281-7290 Force 7291-7300 Force 7301-7310 Force 7311-7320 Force 7321-7330 Force 7331-7340 Force 7341-7350 Force 7351-7360 Force 7361-7370 Force 7371-7380 Force 7381-7390 Force 7391-7400 Force 7401-7410 Force 7411-7420 Force 7421-7430 Force 7431-7440 Force 7441-7450 Force 7451-7460 Force 7461-7470 Force 7471-7480 Force 7481-7490 Force 7491-7500 Force 7501-7510 Force 7511-7520 Force 7521-7530 Force 7531-7540 Force 7541-7550 Force 7551-7560 Force 7561-7570 Force 7571-7580 Force 7581-7590 Force 7591-7600 Force 7601-7610 Force 7611-7620 Force 7621-7630 Force 7631-7640 Force 7641-7650 Force 7651-7660 Force 7661-7670 Force 7671-7680 Force 7681-7690 Force 7691-7700 Force 7701-7710 Force 7711-7720 Force 7721-7730 Force 7731-7740 Force 7741-7750 Force 7751-7760 Force 7761-7770 Force 7771-7780 Force 7781-7790 Force 7791-7800 Force 7801-7810 Force 7811-7820 Force 7821-7830 Force 7831-7840 Force 7841-7850 Force 7851-7860 Force 7861-7870 Force 7871-7880 Force 7881-7890 Force 7891-7900 Force 7901-7910 Force 7911-7920 Force 7921-7930 Force 7931-7940 Force 7941-7950 Force 7951-7960 Force 7961-7970 Force 7971-7980 Force 7981-7990 Force 7991-8000 Force 8001-8010 Force 8011-8020 Force 8021-8030 Force 8031-8040 Force 8041-8050 Force 8051-8060 Force 8061-8070 Force 8071-8080 Force 8081-8090 Force 8091-8100 Force 8101-8110 Force 8111-8120 Force 8121-8130 Force 8131-8140 Force 8141-8150 Force 8151-8160 Force 8161-8170 Force 8171-8180 Force 8181-8190 Force 8191-8200 Force 8201-8210 Force 8211-8220 Force 8221-8230 Force 8231-8240 Force 8241-8250 Force 8251-8260 Force 8261-8270 Force 8271-8280 Force 8281-8290 Force 8291-8300 Force 8301-8310 Force 8311-8320 Force 8321-8330 Force 8331-8340 Force 8341-8350 Force 8351-8360 Force 8361-8370 Force 8371-8380 Force 8381-8390 Force 8391-8400 Force 8401-8410 Force 8411-8420 Force 8421-8430 Force 8431-8440 Force 8441-8450 Force 8451-8460 Force 8461-8470 Force 8471-8480 Force 8481-8490 Force 8491-8500 Force 8501-8510 Force 8511-8520 Force 8521-8530 Force 8531-8540 Force 8541-8550 Force 8551-8560 Force 8561-8570 Force 8571-8580 Force 8581-8590 Force 8591-8600 Force 8601-8610 Force 8611-8620 Force 8621-8630 Force 8631-8640 Force 8641-8650 Force 8651-8660 Force 8661-8670 Force 8671-8680 Force 8681-8690 Force 8691-8700 Force 8701-8710 Force 8711-8720 Force 8721-8730 Force 8731-8740 Force 8741-8750 Force 8751-8760 Force 8761-8770 Force 8771-8780 Force 8781-8790 Force 8791-8800 Force 8801-8810 Force 8811-8820 Force 8821-8830 Force 8831-8840 Force 8841-8850 Force 8851-8860 Force 8861-8870 Force 8871-8880 Force 8881-8890 Force 8891-8900 Force 8901-8910 Force 8911-8920 Force 8921-8930 Force 8931-8940 Force 8941-8950 Force 8951-8960 Force 8961-8970 Force 8971-8980 Force 8981-8990 Force 8991-9000 Force 9001-9010 Force 9011-9020 Force 9021-9030 Force 9031-9040 Force 9041-9050 Force 9051-9060 Force 9061-9070 Force 9071-9080 Force 9081-9090 Force 9091-9100 Force 9101-9110 Force 9111-9120 Force 9121-9130 Force 9131-9140 Force 9141-9150 Force 9151-9160 Force 9161-9170 Force 9171-9180 Force 9181-9190 Force 9191-9200 Force 9201-9210 Force 9211-9220 Force 9221-9230 Force 9231-9240 Force 9241-9250 Force 9251-9260 Force 9261-9270 Force 9271-9280 Force 9281-9290 Force 9291-9300 Force 9301-9310 Force 9311-9320 Force 9321-9330 Force 9331-9340 Force 9341-9350 Force 9351-9360 Force 9361-9370 Force 9371-9380 Force 9381-9390 Force 9391-9400 Force 9401-9410 Force 9411-9420 Force 9421-9430 Force 9431-9440 Force 9441-9450 Force 9451-9460 Force 9461-9470 Force 9471-9480 Force 9481-9490 Force 9491-9500 Force 9501-9510 Force 9511-9520 Force 9521-9530 Force 9531-9540 Force 9541-9550 Force 9551-9560 Force 9561-9570 Force 9571-9580 Force 9581-9590 Force 9591-9600 Force 9601-9610 Force 9611-9620 Force 9621-9630 Force 9631-9640 Force 9641-9650 Force 9651-9660 Force 9661-9670 Force 9671-9680 Force 9681-9690 Force 9691-9700 Force 9701-9710 Force 9711-9720 Force 9721-9730 Force 9731-9740 Force 9741-9750 Force 9751-9760 Force 9761-9770 Force 9771-9780 Force 9781-9790 Force 9791-9800 Force 9801-9810 Force 9811-9820 Force 9821-9830 Force 9831-9840 Force 9841-9850 Force 9851-9860 Force 9861-9870 Force 9871-9880 Force 9881-9890 Force 9891-9900 Force 9901-9910 Force 9911-9920 Force 9921-9930 Force 9931-9940 Force 9941-9950 Force 9951-9960 Force 9961-9970 Force 9971-9980 Force 9981-9990 Force 9991-10000

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort notation).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS.

A further rise of the barometer has taken place in all parts of W. Europe, varying in amount from 0.4 in. at our NE stations to 0.3 in. over the SW of Ireland, and to a few hundredths only over the S. of France. The E. part of an anticyclone now lies over our N. and NW districts, and moderate gradients for NE winds over England, the Channel, and the N. half of France. NE winds, varying in force from a moderate to strong breeze now prevail over all these regions, and light winds from the same quarter in Ireland, but in Scotland the wind has lulled to a calm, and is inclined to back to the NW at the extreme N. stations. Temperature shows little change. The night has been sharp in Scotland, and rather cold over England, and the air is dry generally. The sky is clear in the W. and NW, cloudy in the E. and S, where also the general appearance is rather showery and squally. A thunderstorm prevailed at Biarritz this morning, and thunder and lightning occurred over the S. half of England yesterday. Sea is rather rough in the E. & SE, moderately so in the Channel, smooth over our N. coasts.

Subscription for these Charts payable in advance to cover delivery.</

DAILY WEATHER REPORT

APRIL 10th 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|----------------|------|---------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dirac. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda | 30.03 | 29 | S | 2 | 0 | 30.01 | -1.6 | 30 | 27 | 0 | S | 2 | 6 | * | 32 | 19 | - | |
| Hernösand | 30.21 | 34 | L | 0 | 6 | 30.17 | -0.4 | 44 | 39 | + 11 | NW | 2 | c | * | 48 | 27 | - | |
| Stockholm | 30.16 | 32 | NNE | 2 | 0 | 30.17 | -0.1 | 31 | 31 | - 4 | WNW | 2 | 6c | * | 39 | 30 | - | |
| Wisby | 30.07 | 35 | ENE | 2 | c | 30.11 | +1.0 | 31 | 31 | - 4 | NE | 4 | f | * | 41 | ? | - | |
| Bodö | 29.94 | 40 | SW | 8 | 2 | 29.96 | -1.5 | 41 | 39 | + 3 | SW | 6 | 0 | 4 | 41 | 36 | 0.16 | |
| Christiansund | 30.22 | 42 | WSW | 6 | 0 | 30.22 | -0.2 | 45 | 43 | + 5 | WSW | 5 | 0 | 2 | ? | ? | - | |
| † Skudesnaes | 30.28 | 39 | NNW | 6 | 6 | 30.23 | -0.1 | 42 | 40 | + 4 | NNW | 2 | 0 | 2 | 46 | 39 | - | |
| Oxö (Christiansund) | 30.25 | 38 | WSW | 1 | 0 | 30.26 | +0.8 | 36 | 34 | + 4 | NNW | 2 | c | 1 | 41 | 32 | - | |
| Skagen (The Skaw) | 30.25 | 38 | L | 0 | 0 | 30.21 | +0.1 | 41 | 39 | + 6 | NNE | 2 | 6c | 0 | 45 | 34 | - | |
| Fanö | 30.22 | 37 | NE | 4 | 0 | 30.21 | +0.6 | 38 | 37 | + 2 | N | 4 | c | * | ? | 36 | - | |
| Cuxhaven | 30.17 | 42 | NE | 4 | 0 | 30.18 | +0.8 | 40 | 39 | - 3 | NE | 3 | 0 | * | 45 | 37 | - | |
| † Sumburgh Head | | | | | | | | | | | | | | | | | | |
| † Stornoway | 30.46 | 47 | NNW | 2 | 0 | 30.41 | -0.3 | 45 | 45 | + 4 | L | 0 | 0 | 0 | 49 | 41 | - | |
| Wick | 30.43 | 45 | NNW | 2 | 6c | 30.38 | -0.4 | 46 | 46 | + 2 | NW | 1 | L | 1 | 50 | 40 | 0.03 | |
| Nairn | 30.44 | 47 | E | 1 | 0 | 30.42 | -0.3 | 45 | 43 | + 7 | W | 1 | 0 | 1 | 54 | 38 | - | |
| † Aberdeen | 30.43 | 49 | N | 3 | c | 30.38 | -0.5 | 46 | 45 | + 2 | NNW | 3 | L | 2 | 51 | 43 | - | |
| Leith | 30.44 | 45 | E | 1 | c | 30.37 | -0.7 | 45 | 44 | + 3 | NNE | 1 | 0 | * | 51 | 40 | - | |
| † Shields | 30.38 | 44 | NNE | 5 | 6 | 30.34 | -0.5 | 43 | 42 | 0 | NE | 2 | 6c | 3 | 47 | 39 | - | |
| Spurn Head | 30.32 | 43 | NNE | 6 | c | 30.30 | +0.1 | 42 | 39 | + 1 | NNE | 6 | 0 | 6 | 47 | 40 | - | |
| York | 30.39 | 44 | NE | 2 | 6c | 30.34 | -0.1 | 42 | 39 | - 3 | NE | 2 | c | * | 49 | 36 | 0.01 | |
| Nottingham | 30.35 | 41 | N | 4 | 0 | 30.31 | -0.2 | 41 | 39 | - 3 | NNE | 5 | 0 | * | 49 | 38 | - | |
| † Ardrossan | 30.43 | 49 | L | 0 | 6c | 30.39 | -0.5 | 45 | 42 | + 1 | L | 0 | om | 0 | 53 | 40 | - | |
| † Mullaghmore | 30.45 | 51 | N | 3 | 6c | 30.39 | -0.5 | 44 | 43 | 0 | ESE | 3 | c | 2 | 53 | 42 | - | |
| Donaghadee | 30.45 | 46 | NNE | 2 | 6 | 30.40 | -0.5 | 47 | 44 | + 2 | ENE | 2 | 6 | 0 | 50 | 38 | - | |
| Parsonstown | 30.53 | 50 | NE | 1 | c | 30.39 | -0.6 | 42 | 39 | + 3 | NE | 1 | 6 | * | 54 | 33 | - | |
| † Holyhead | 30.40 | 47 | NNE | 4 | 6 | 30.35 | -0.3 | 43 | 40 | - 2 | ENE | 4 | c | 3 | 48 | 40 | - | |
| Liverpool (Bidston) | 30.36 | 47 | NE | 3 | c | 30.33 | -0.3 | 42 | 38 | - 4 | NE | 1 | c | 1 | 48 | 37 | - | |
| † Valentia | 30.40 | 52 | N | 5 | 6c | 30.30 | -1.0 | 46 | 40 | - 2 | NE | 6 | 6c | 6 | 56 | 42 | - | |
| Roche's Point | 30.40 | 48 | ESE | 4 | 6c | 30.30 | -0.7 | 43 | 39 | - 2 | E | 5 | 6 | 4 | 53 | 39 | - | |
| Pembroke | 30.34 | 47 | NE | 2 | 0 | 30.28 | -0.3 | 40 | 39 | - 3 | NE | 3 | c | 2 | 51 | 37 | - | |
| † Scilly | 30.31 | 49 | NE | 6 | 6 | 30.23 | -0.2 | 45 | 43 | - 4 | ENE | 5 | 6c | 4 | 50 | 43 | - | |
| Prawle Point | 30.25 | 46 | NE | 5 | 6c | 30.21 | -0.2 | 41 | 39 | - 1 | NE | 5 | 0 | 4 | 51 | 39 | - | |
| Hurst Castle | 30.24 | 46 | ENE | 6 | c | 30.21 | +0.4 | 41 | 40 | - 2 | ENE | 6 | c | 4 | 48 | 41 | 0.02 | |
| † Dover | 30.19 | 44 | NE | 6 | 0 | 30.16 | +0.2 | 43 | 42 | - 1 | NE | 6 | 6c | 4 | 45 | 41 | 0.09 | |
| † London | 30.24 | 45 | NNE | 4 | 0 | 30.22 | 0.0 | 42 | 39 | - 2 | NNE | 4 | c | * | 50 | 39 | 0.02 | |
| Oxford | 30.30 | 45 | N | 2 | 0 | 30.25 | -0.3 | 40 | 39 | - 3 | NNE | 2 | op | * | 54 | 38 | 0.01 | |
| Cambridge | 30.29 | 43 | NE | 2 | c | 30.23 | -0.3 | 42 | 40 | - 1 | NE | 1 | c | * | 49 | 36 | 0.02 | |
| † Yarmouth | 30.24 | 43 | NE | 5 | c | 30.22 | +0.1 | 42 | 40 | - 1 | NE | 4 | og | 4 | 45 | 40 | - | |
| The Helder | * | * | * | * | * | 30.19 | +0.6 | 40 | 38 | - 3 | NE | 3 | c | * | * | * | * | |
| Cape Gris Nez | 30.16 | 43 | NE | 8 | 0 | 30.15 | +0.3 | 40 | 40 | - 4 | NE | 7 | L | 4 | 46 | 39 | 0.04 | |
| † Jersey | 30.21 | 46 | NE | 5 | 0 | 30.17 | +0.9 | 42 | 41 | - 3 | NE | 4 | c | 3 | 48 | 40 | 0.03 | |
| Brest | 30.19 | 47 | NE | 5 | 6c | 30.17 | +0.3 | 43 | 43 | - 3 | E | 3 | 0 | 1 | 52 | 41 | - | |
| Lorient | 30.11 | 46 | ENE | 8 | 0 | 30.08 | +0.4 | 41 | 38 | - 5 | NE | 7 | 0 | 3 | 50 | 39 | - | |
| † Rochefort | 30.00 | 48 | ENE | 7 | 0 | 39.93 | -0.2 | 45 | 41 | - 1 | NE | 7 | c | 2 | 55 | 39 | 0.12 | |
| Biarritz | 29.91 | 50 | ESE | 3 | L | 29.89 | -0.1 | 46 | 43 | - 2 | E | 1 | 0 | 4 | 54 | 41 | 0.16 | |
| Corunna | * | * | * | * | * | | | * | | | | | | * | * | * | | |
| Brussels | * | * | * | * | * | 30.13 | +0.5 | 40 | 37 | - 1 | NE | 1 | 0 | * | 48 | 39 | - | |
| Charleville | ? | 45 | ENE | 5 | 0 | ? | ? | 40 | 36 | - 1 | ENE | 5 | 0 | * | 50 | 38 | - | |
| Paris | 30.03 | 50 | NE | 5 | 0 | 30.07 | +0.5 | 42 | 40 | - 4 | NE | 4 | 0 | * | * | * | - | |
| Lyons | 29.81 | 49 | N | 2 | L | 29.96 | +1.6 | 41 | 39 | - 5 | NNW | 1 | 0 | * | 54 | 40 | - | |
| Toulon | 29.74 | 52 | W | 7 | 6c | 29.80 | +0.8 | 52 | 50 | + 6 | L | 0 | 6c | 2 | 59 | 45 | - | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|------|----|----|---|----|---|----|---|----|----|---|
| Hawes Junction | 29.13 | 40 | ENE | 3 | c | 29.06 | -0.3 | 38 | 36 | 0 | NE | 3 | 6c | * | 41 | 34 | - |
|----------------|-------|----|-----|---|---|-------|------|----|----|---|----|---|----|---|----|----|---|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 30.23 | 46 | 42 | NNW | 6 | 6 | 2 | Valentia ... | 30.42 | 54 | 48 | NE | 3 | 6c | 4 |
| Sumburgh Head | | | | | | | | Scilly ... | 30.29 | 50 | 48 | NE | 5 | 6m | 4 |
| Stornoway ... | 30.47 | 49 | 46 | W | 1 | 6 | 1 | Dover ... | 30.18 | 45 | 42 | NE | 5 | og | 4 |
| Aberdeen ... | 30.47 | 50 | 45 | N | 4 | c | 2 | London ... | 30.23 | 47 | 43 | NNE | 4 | o | * |
| Shields ... | 30.42 | 45 | 41 | NE | 6 | 6 | 4 | Yarmouth ... | 30.24 | 44 | 42 | NE | 4 | c | 4 |
| Ardrossan ... | 30.46 | 50 | 45 | NNW | 1 | c | 1 | Jersey ... | 30.22 | 47 | 43 | NE | 6 | cm | 4 |
| Mullaghmore ... | 30.48 | 51 | 47 | NNE | 1 | 6 | 1 | Rochefort ... | 29.98 | 55 | 49 | ENE | 7 | o | 2 |
| Holyhead ... | 30.42 | 47 | 45 | NNE | 4 | 6 | 3 | | | | | | | | |

A further rise of the barometer has taken place generally, but no other change of importance is reported.

EXPLANATION OF COLUMNS.

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. dew.

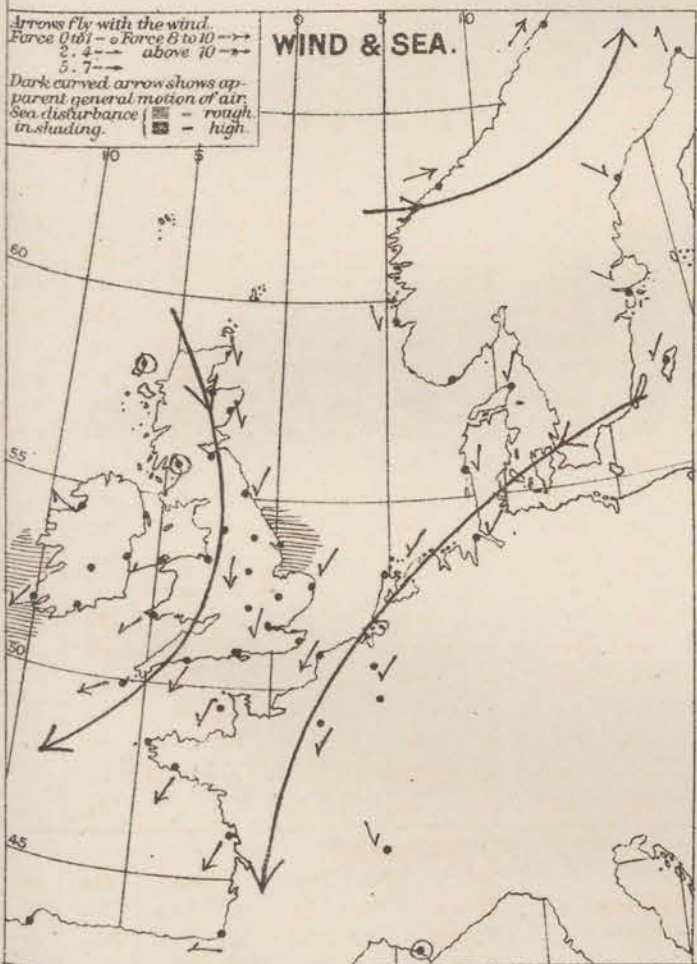
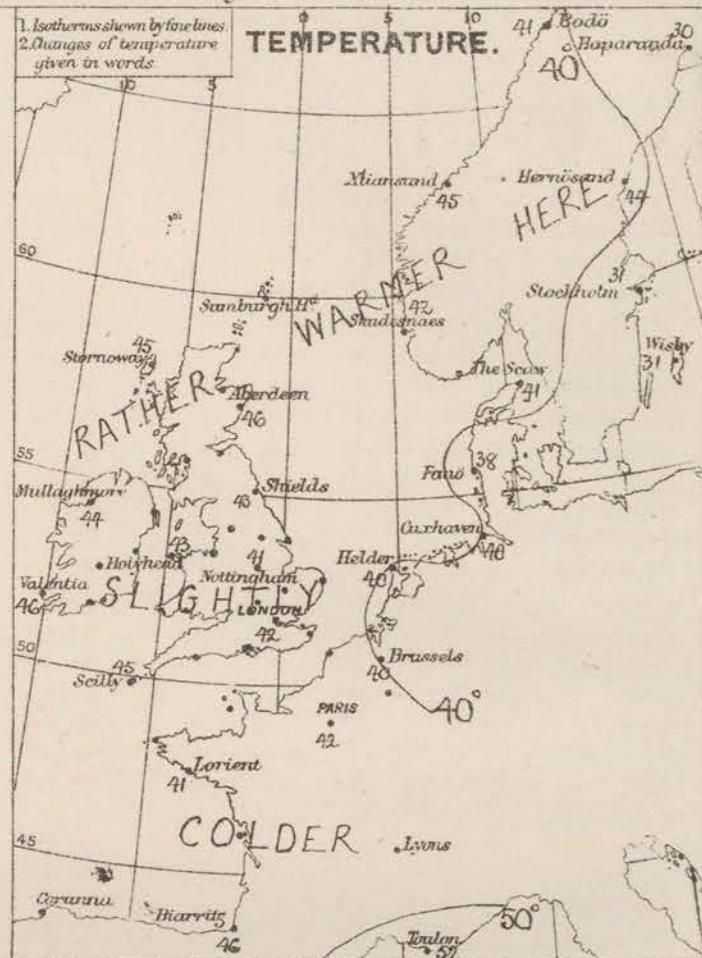
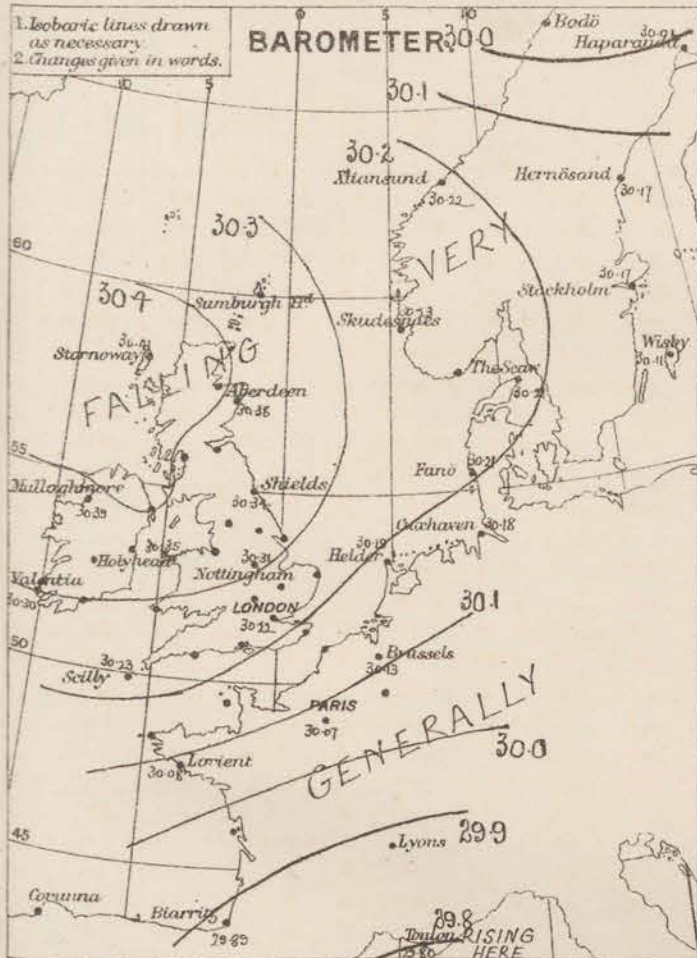
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Saturday 10TH APRIL. 1880.



REMARKS. Pressure is increasing a little in the extreme S. of France, as well as at Wexley and Cuxhaven, but in all other places the mercury is falling, the change being greatest on our SW. coasts. The anticyclone noticed yesterday still lies over our N. and W. stations, while low pressures are reported from the Gulf of Lyons, and from the N. of Scandinavia. In consequence W. winds prevail in Norway, N. winds over the North Sea and our NE. coasts, NE. over the greater part of England and France, and E. over Ireland. It is very light on all our more N. coasts, but blows fresh or strongly in the N. S. and over France. The weather is fine at a few of our W. stations, but is cloudy or dull generally, with rain in the NE. of Scotland. Showers of rain have fallen over France and our SE. and E. stations. Temperature has risen over Scotland, and most parts of Scandinavia. Readings are uniform over these Islands, ranging from 44° to 46°. Sea is rough at Valentia, moderate to

smooth generally.
 Subscription for these
 Charts payable in ad-
 vance to cover delivery.

Delivery by hand 10/- per quarter.
 " book post 5/- " "

*Meteorological Office,
116, Victoria Street, Westminster, S.W.*

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT 11TH APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | | |
|---|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|------|-------------|-----------------------------------|--------|-------------------|----------|----------------|----------------|------|---------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | BAROMETER. | | SHADE TEMP. | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dirac. | Force. (0 to 12). | | | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda | 29.95 | 39 | W | 2 | b | 29.89 | -12 | 45 | 41 | +15 | Z | 0 | b | * | 45 | 28 | - | |
| Hernösand | 30.14 | 39 | Z | 0 | b | 30.10 | -07 | 45 | 43 | +1 | Z | 0 | b | * | 46 | 27 | - | |
| Stockholm | 30.20 | 36 | ENE | 2 | o | 30.23 | +06 | 41 | 36 | +10 | WNW | 2 | b | * | 52 | 27 | - | |
| Wisby | 30.10 | 31 | NE | 2 | o | 30.11 | 00 | 36 | 32 | +5 | Z | 0 | b | * | 39 | 28 | - | |
| Bodö | 30.06 | 41 | SW | 8 | o | 30.04 | +08 | 40 | 39 | -1 | SW | 6 | r | 4 | 41 | 39 | 0.04 | |
| Christiansund | 30.23 | 44 | WSW | 3 | o | 30.21 | -01 | 41 | 40 | -4 | SW | 2 | f | 3 | 46 | 34 | - | |
| † Skudesnaes | 30.18 | 42 | Z | 0 | b | 30.17 | -06 | 44 | 39 | +2 | ENE | 2 | b | 2 | 52 | ? | - | |
| Oxö (Xiansund) | 30.20 | 41 | Z | 0 | b | 30.17 | -09 | 39 | 36 | +3 | NNW | 2 | b | 1 | 46 | 36 | - | |
| Skagen (The Skaw) | 30.16 | 41 | NNE | 2 | b | 30.16 | -05 | 44 | 39 | 0 | Z | 0 | b | 0 | 48 | 34 | - | |
| Fanö | 30.12 | 38 | NE | 2 | b | 30.11 | -10 | 41 | 39 | +3 | E | 4 | b | * | 50 | 34 | - | |
| Cuxhaven | 30.16 | 49 | NE | 3 | e | 30.08 | -10 | 42 | 40 | +2 | E | 3 | b | * | 46 | 37 | - | |
| † Sumburgh Head | 30.29 | 45 | NE | 2 | o | 30.19 | -10 | 44 | 43 | -1 | E | 4 | e | 4 | 48 | 42 | 0.02 | |
| † Stornoway | 30.33 | 47 | ENE | 1 | o | 30.07 | -34 | 45 | 44 | 0 | E | 5 | e | 3 | 49 | 42 | - | |
| Wick | 30.27 | 45 | NE | 2 | r | 30.13 | -25 | 46 | 44 | 0 | E | 3 | o | 3 | 47 | 41 | 0.06 | |
| Nairn | 30.23 | 46 | E | 1 | r | 30.11 | -31 | 44 | 42 | -1 | E | 1 | e | 2 | 49 | 42 | 0.11 | |
| † Aberdeen | 30.25 | 46 | N | 4 | r | 30.13 | -25 | 43 | 42 | -3 | ESE | 3 | om | 3 | 48 | 43 | 0.12 | |
| Leith | 30.24 | 45 | SE | 1 | r | 30.07 | -30 | 44 | 44 | -1 | ESE | 1 | e | * | 48 | 42 | 0.19 | |
| † Shields | 30.20 | 44 | NE | 2 | r | 30.08 | -26 | 42 | 40 | -1 | S | 2 | e | 2 | 49 | 41 | 0.02 | |
| Spurn Head | 30.17 | 42 | ENE | 4 | e | 30.05 | -25 | 45 | 42 | +2 | NE | 5 | b | 4 | 46 | 40 | - | |
| York | 30.19 | 46 | NE | 1 | o | 30.08 | -26 | 43 | 39 | +1 | E | 1 | e | * | 52 | 39 | - | |
| Nottingham | 30.18 | 43 | NNE | 2 | e | 30.07 | -24 | 41 | 39 | 0 | NNE | 2 | o | * | 47 | 35 | - | |
| † Ardrossan | 30.23 | 48 | Z | 0 | o | 30.03 | -36 | 45 | 44 | 0 | ESE | 1 | om | 1 | 51 | 44 | 0.07 | |
| † Mullaghmore | 30.24 | 51 | NNE | 3 | o | 30.01 | -38 | 44 | 44 | 0 | ESE | 1 | om | 3 | 53 | 42 | 0.13 | |
| Donaghadee | 30.23 | 46 | N | 2 | o | 30.03 | -37 | 44 | 44 | -3 | S | 3 | o | 1 | 51 | 44 | 0.14 | |
| Parsonstown | 30.22 | 47 | NE | 2 | e | 30.00 | -39 | 39 | 38 | -3 | Z | 0 | om | * | 52 | 34 | 0.03 | |
| † Holyhead | 30.19 | 45 | N | 4 | b | 30.02 | -33 | 43 | 40 | 0 | E | 3 | e | 2 | 47 | 42 | - | |
| Liverpool (Bidston) | 30.16 | 48 | NE | 2 | e | 30.04 | -29 | 41 | 39 | -1 | ESE | 1 | o | 1 | 52 | 38 | - | |
| † Valentia | 30.19 | 48 | ESE | 5 | e | 29.98 | -32 | 41 | 40 | -5 | NE | 1 | og | 1 | 53 | 36 | - | |
| Roche's Point | 30.21 | 48 | ESE | 5 | b | 29.98 | -32 | 44 | 41 | +1 | N | 2 | e | 3 | 50 | 40 | - | |
| Pembroke | 30.16 | 45 | ENE | 1 | e | 29.98 | -30 | 42 | 41 | +2 | ESE | 2 | e | 2 | 47 | 37 | - | |
| † Scilly | 30.14 | 46 | ENE | 5 | o | 29.97 | -26 | 47 | 44 | +2 | E | 4 | e | 3 | 50 | 44 | - | |
| Prawle Point | 30.13 | 44 | ENE | 4 | e | 29.96 | -25 | 40 | 39 | -1 | NE | 4 | o | 3 | 47 | 38 | - | |
| Hurst Castle | 30.09 | 45 | ENE | 4 | e | 29.98 | -23 | 40 | 40 | -1 | ENE | 5 | o | 4 | 45 | 40 | - | |
| † Dover | 30.05 | 42 | NE | 5 | o | 29.96 | -20 | 43 | 39 | 0 | ENE | 4 | eg | 3 | 45 | 40 | 0.06 | |
| † London | 30.10 | 43 | NE | 2 | o | 30.00 | -22 | 40 | 38 | -2 | NE | 2 | om | * | 49 | 38 | 0.01 | |
| Oxford | 30.13 | 43 | NE | 2 | o | 30.02 | -23 | 38 | 36 | -2 | E | 1 | o | * | 47 | 37 | - | |
| Cambridge | 30.14 | 40 | NE | 1 | o | 30.03 | -20 | 40 | 39 | -2 | NE | 1 | o | * | 48 | 36 | - | |
| † Yarmouth | 30.12 | 41 | ENE | 4 | e | 30.03 | -19 | 43 | 41 | +1 | ENE | 3 | e | 3 | 43 | 39 | 0.01 | |
| The Helder | * | * | * | 0 | * | 30.03 | -16 | 39 | 37 | -1 | E | 1 | e | * | * | * | * | |
| Cape Gris Nez | 30.07 | 40 | NE | 4 | o | 29.97 | -18 | 40 | 38 | 0 | E | 4 | o | 3 | 45 | 39 | - | |
| † Jersey | 30.06 | 43 | ENE | 4 | e | 29.94 | -23 | 42 | 41 | 0 | ENE | 2 | om | 2 | 47 | 39 | 0.04 | |
| Brest | 30.08 | 44 | ENE | 4 | o | 29.93 | -24 | 41 | 39 | -2 | E | 3 | o | 3 | 52 | 39 | - | |
| Lorient | 29.98 | 46 | NE | 5 | o | 29.88 | -20 | 42 | 39 | +1 | NE | 4 | o | 3 | 50 | 39 | - | |
| † Rochefort | 29.90 | 46 | NE | 7 | o | 29.82 | -11 | 43 | 41 | -2 | ENE | 5 | r | 3 | 54 | 37 | 0.24 | |
| Biarritz | 29.82 | 52 | N | 5 | e | 29.83 | -06 | 46 | 42 | 0 | S | 4 | o | 3 | 52 | ? | - | |
| Corunna | * | * | * | * | * | 29.93 | -07 | 51 | * | -1 | ENE | 2 | e | 1 | * | * | * | |
| Brussels | * | * | * | * | * | 29.97 | -16 | ? | 36 | ? | ENE | 1 | b | * | 43 | 34 | - | |
| Charleville | ? | 42 | ENE | 1 | o | ? | ? | 42 | 38 | +2 | ENE | 1 | o | * | 45 | 39 | - | |
| Paris | 29.97 | 49 | ENE | 4 | o | 29.90 | -17 | 44 | 41 | +2 | N | 3 | o | * | * | * | - | |
| Lyons | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Toulon | 29.81 | 49 | Z | 0 | b | 29.79 | -01 | 48 | 46 | -4 | E | 4 | b | 2 | 57 | 46 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.93 | 42 | ENE | 2 | o | 28.79 | -27 | 36 | 36 | -2 | NE | 1 | o/s | * | 47 | 34 | 0.10 | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-----|----|----|----|----|---|-----|---|----|----|------|
| Hawes Junction | 28.93 | 42 | ENE | 2 | o | 28.79 | -27 | 36 | 36 | -2 | NE | 1 | ops | * | 47 | 34 | 0.10 |
|----------------|-------|----|-----|---|---|-------|-----|----|----|----|----|---|-----|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

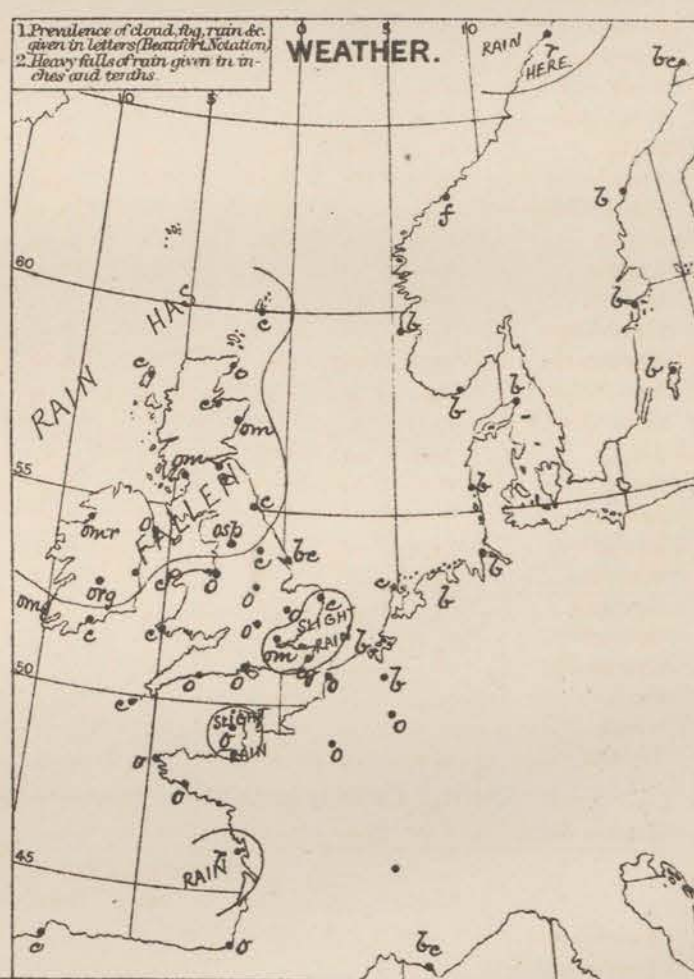
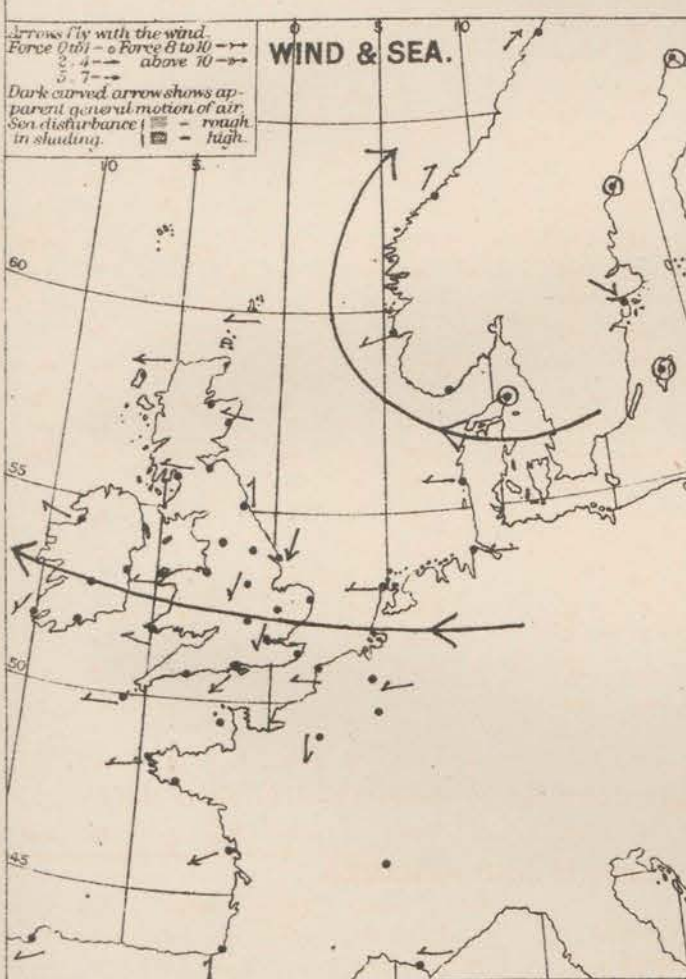
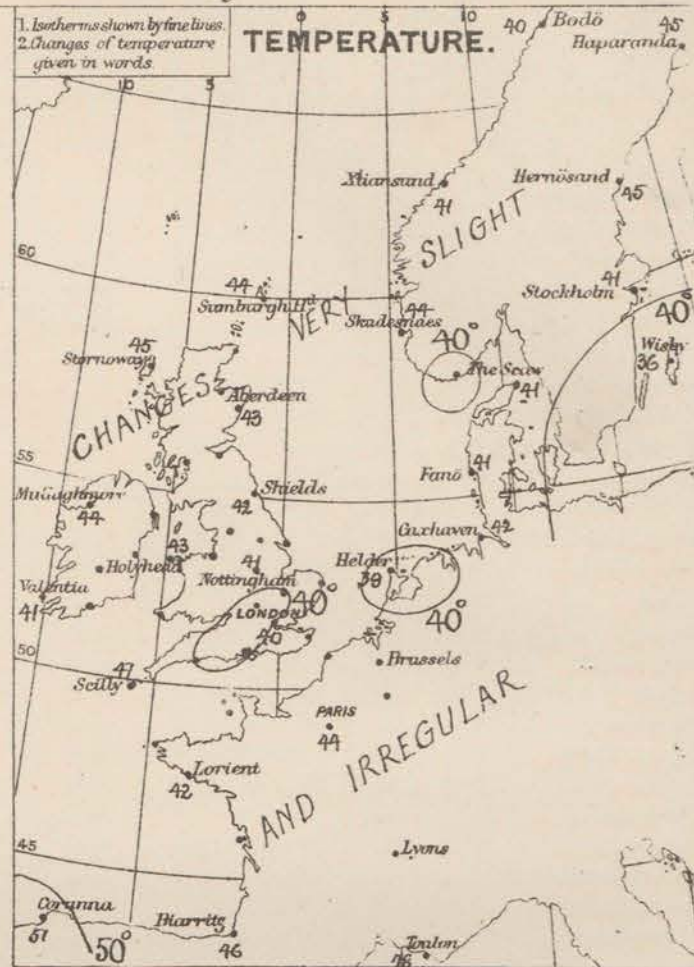
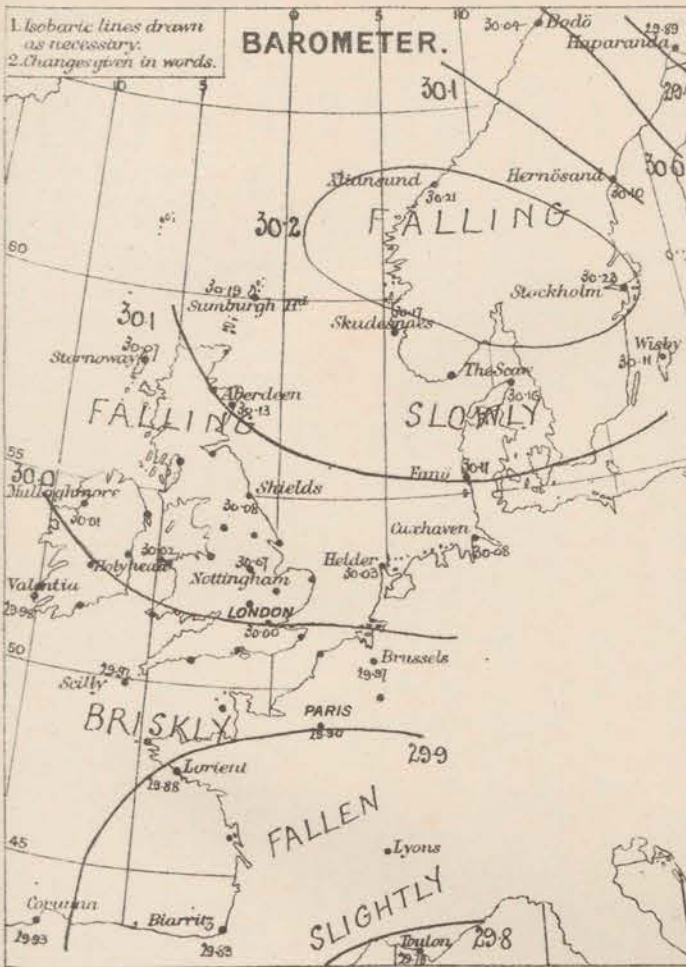
| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes | 30.22 | 44 | 43 | NNW | 2 | b | 2 | Valentia ... | 30.25 | 52 | 45 | NE | 3 | om | 3 |
| Sumburgh Head | | | | | | | | Scilly ... | 30.19 | 49 | 45 | ENE | 4 | e | 4 |
| Stornoway ... | 30.37 | 48 | 47 | Z | 0 | o | 0 | Dover ... | 30.13 | 45 | 40 | NE | 5 | ogp | 5 |
| Aberdeen ... | 30.33 | 48 | 47 | N | 3 | r | 2 | London ... | 30.17 | 45 | 41 | NE | 3 | o | * |
| Shields ... | 30.30 | 48 | 46 | NNE | 3 | e | 3 | Yarmouth ... | 30.19 | 42 | 40 | NE | 4 | e | 4 |
| Ardrossan .. | 30.33 | 50 | 45 | ENE | 2 | om | 1 | Jersey ... | 30.13 | 44 | 42 | NE | 5 | cg | 4 |
| Mullaghmore ... | 30.34 | 50 | 46 | NNE | 3 | be | 2 | Rochefort ... | 29.95 | 50 | 46 | NE | 7 | e | 2 |
| Holyhead... | 30.29 | 47 | 43 | ENE | 4 | e | 3 | | | | | | | | |

The barometer falls slowly in all parts of the Kingdom, the sky is rather more generally cloudy than it was, and showers are reported at Dover, continuous rain at Aberdeen. No other change of importance is noted.

EXPLANATION OF COLUMNS.

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. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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.

WEATHER CHARTS for 8 a.m. on Sunday 11th APRIL. 1880.



REMARKS. A further and decided fall of the barometer has taken place over the United Kingdom during the past 24 hours, but the change has now become much less marked in the SE., than in the W. and NW. districts, while over Scandinavia there has been hardly any change at all. Readings now vary from about 30.15 in. in the S. of Norway to 29.8 in. in the S. of Ireland, and to 29.80 in. in the S. of France. The NE. wind still blows freely in the Channel, but has fallen light elsewhere, and is veering to E. and SE. on our NW. coasts. Temperature is still rather low generally, especially at the high level stations, the sky is overcast at most of our stations, and snow is falling at Hawes, rain in Ireland. The sea is very little disturbed.

DAILY WEATHER REPORT APRIL 12TH 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----|----------------|-------------|------|---------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dir. | Force. (0 to 12). | | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | |
| Haparanda | 30.18 | 28 | N | 2 | b | | 30.21 | + .45 | 26 | 22 | - .19 | N | 2 | b | * | 50 | 14 | - |
| Hernösand | 30.18 | 45 | Z | 0 | b | | 30.38 | + .28 | 34 | 30 | - .11 | NE | 2 | b | * | 64 | 30 | - |
| Stockholm | 30.13 | 41 | W | 2 | b | | 30.20 | - .03 | 46 | 41 | + .5 | E | 2 | b | * | 55 | 28 | - |
| Wisby | 30.18 | 36 | Z | 0 | b | | 30.13 | + .02 | 38 | 35 | + .2 | W | 2 | b | * | 45 | 25 | - |
| Bodö | 30.26 | 32 | NE | 2 | c | | 30.26 | + .22 | 32 | 30 | - .8 | E | 2 | c | 1 | ? | 27 | - |
| Christiansund | 30.20 | 42 | NE | 1 | b | | 30.17 | - .04 | 37 | 36 | - .4 | SW | 1 | f | 3 | 43 | 28 | - |
| † Skudesnaes | 30.14 | 48 | NNW | 4 | b | | 30.10 | - .01 | 43 | 40 | - .1 | ENE | 1 | b | 2 | 55 | ? | - |
| Oxö (Christiansund) | 30.15 | 43 | WNW | 1 | bc | | 30.17 | .00 | 39 | 37 | 0 | N | 2 | b | 1 | 45 | 36 | - |
| Skagen (The Skaw) | 30.16 | 44 | NNE | 2 | b | | 30.50 | + .04 | 46 | 44 | + .5 | NE | 2 | b | 0 | 54 | 37 | - |
| Fanö | 30.10 | 42 | ENE | 4 | 0 | | 30.10 | - .01 | 42 | 40 | + .1 | E | 4 | 0 | * | 50 | 39 | - |
| Cuxhaven | 30.08 | 45 | ESE | 3 | c | | 30.06 | - .02 | 43 | 43 | + .1 | ESE | 3 | 0 | * | ? | 27 | - |
| † Sumburgh Head | 30.17 | 42 | E | 3 | c | | 30.18 | - .01 | 42 | 41 | - .2 | NE | 3 | m | 3 | 47 | 36 | - |
| † Stornoway | 30.00 | 49 | ENE | 4 | b | | 30.08 | + .01 | 46 | 45 | + .1 | ESE | 1 | b | 1 | 50 | 42 | - |
| Wick | 30.10 | 47 | SE | 4 | b | | 30.14 | + .01 | 47 | 46 | + .1 | S | 2 | b | 0 | 50 | 36 | - |
| Nairn | 30.05 | 49 | SE | 1 | bc | | 30.13 | + .02 | 40 | 37 | - .4 | Z | 0 | b | 0 | 54 | 32 | - |
| † Aberdeen | 30.13 | 46 | SSE | 2 | b | | 30.14 | + .01 | 42 | 41 | - .1 | Z | 0 | cm | 1 | 50 | 35 | - |
| Leith | 30.06 | 48 | SSE | 1 | b | | 30.08 | + .01 | 42 | 40 | - .2 | SE | 1 | 0 | * | 53 | 32 | 0.08 |
| † Shields | 30.05 | 47 | E | 2 | b | | 30.04 | - .04 | 44 | 43 | + .2 | ENE | 2 | 0 | 3 | 47 | 40 | - |
| Spurn Head | 30.06 | 42 | ENE | 4 | b | | 29.96 | - .09 | 42 | 41 | - .3 | ENE | 6 | 0 | 5 | 48 | 40 | - |
| York | 30.03 | 47 | E | 3 | b | | 30.01 | - .07 | 42 | 40 | - .1 | E | 1 | 0 | * | 52 | 35 | - |
| Nottingham | 30.01 | 44 | NE | 3 | b | | 29.94 | - .13 | 42 | 41 | + .1 | NNE | 3 | 0 | * | 49 | 35 | - |
| † Ardrossan | 30.03 | 46 | SW | 2 | b | | 30.04 | + .01 | 44 | 41 | - .1 | ENE | 1 | bm | 1 | 52 | 35 | - |
| † Mullaghmore | 29.92 | 47 | SE | 5 | 0 | | 29.99 | - .02 | 41 | 40 | - .3 | E | 5 | cm | 3 | 48 | 38 | 0.11 |
| Donaghadee | 30.03 | 44 | SE | 2 | b | | 30.05 | + .02 | 43 | 41 | - .1 | E | 4 | b | 2 | 48 | 38 | - |
| Parsonstown | 29.93 | 45 | ESE | 2 | c | | 29.97 | - .03 | 36 | 35 | - .3 | NW | 1 | 0 | * | 49 | 32 | 0.09 |
| † Holyhead | 29.98 | 47 | SW | 1 | c | | 29.99 | - .03 | 42 | 40 | - .1 | E | 3 | 0 | 3 | 48 | 40 | - |
| Liverpool (Bidston) | 30.00 | 45 | ESE | 1 | 0 | | 29.99 | - .05 | 39 | 37 | - .2 | NE | 1 | 0 | 1 | 47 | 37 | - |
| † Valentia | 29.89 | 47 | SSE | 3 | 0 | | 29.90 | - .08 | 46 | 41 | + .5 | NE | 4 | cm | 4 | 51 | 47 | 0.01 |
| Roche's Point | 29.95 | 49 | SE | 4 | c | | 29.91 | - .06 | 44 | 41 | 0 | E | 4 | c | 4 | 53 | 41 | 0.12 |
| Pembroke | 29.73 | 45 | ESE | 2 | bc | | 29.91 | - .07 | 42 | 40 | 0 | E | 2 | b | 2 | 47 | 41 | - |
| † Scilly | 29.90 | 47 | ENE | 4 | 0 | | 29.88 | - .09 | 46 | 45 | - .1 | E | 4 | 0 | 3 | 48 | 44 | - |
| Prawle Point | 29.90 | 44 | ENE | 3 | c | | 29.87 | - .09 | 45 | 43 | + .5 | NE | 4 | b | 3 | 46 | 39 | - |
| Hurst Castle | 29.94 | 44 | ENE | 3 | 0 | | 29.89 | - .09 | 42 | 42 | + .2 | E | 3 | cm | 3 | 47 | 38 | - |
| † Dover | 29.90 | 43 | ENE | 3 | b | | 29.87 | - .09 | 45 | 42 | + .2 | ENE | 4 | bc | 3 | 46 | 42 | - |
| † London | 29.93 | 42 | ENE | 2 | c | | 29.92 | - .08 | 43 | 39 | + .3 | ENE | 2 | bc | * | 49 | 38 | 0.01 |
| Oxford | 29.93 | 46 | NE | 1 | 0 | | 29.92 | - .10 | 42 | 40 | + .4 | E | 1 | b | * | 47 | 37 | 0.01 |
| Cambridge | 29.95 | 47 | E | 1 | 0 | | 29.92 | - .11 | 41 | 39 | + .1 | E | 1 | 0 | * | 51 | 33 | 0.01 |
| † Yarmouth | 29.98 | 43 | ENE | 4 | b | | 29.93 | - .10 | 43 | 42 | 0 | ENE | 4 | 0 | 4 | 45 | 40 | - |
| The Helder | * | * | * | * | * | | 29.96 | - .07 | 41 | 39 | + .2 | E | 2 | c | * | * | * | * |
| Cape Gris Nez | 29.90 | 45 | NE | 4 | c | | 29.86 | - .11 | 43 | 42 | + .3 | NE | 4 | 0 | 2 | 48 | 39 | - |
| † Jersey | 29.89 | 44 | NE | 3 | 0 | | 29.86 | - .08 | 46 | 45 | + .4 | ENE | 2 | cm | 2 | 47 | 42 | - |
| Brest | 29.95 | 48 | E | 3 | 0 | | ? | ? | 42 | 42 | + .1 | ? | 3 | 0 | 2 | 50 | 41 | - |
| Lorient | 29.83 | 46 | NNW | 3 | 0 | | 29.82 | - .06 | 43 | 41 | + .1 | ENE | 4 | m | 3 | 50 | 41 | - |
| † Rochefort | 29.82 | 48 | NNE | 5 | 0 | | 29.84 | + .02 | 47 | 45 | + .4 | NNW | 4 | 0 | 2 | 48 | 37 | 0.08 |
| Biarritz | 29.85 | 51 | NW | 3 | 0 | | 29.83 | .00 | 46 | 44 | 0 | SE | 4 | c | 3 | 58 | 43 | - |
| Corunna | * | * | * | * | * | | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels | * | * | * | * | * | | 29.87 | - .10 | 41 | 39 | ? | ENE | 1 | b | * | 52 | 35 | - |
| Charleville | ? | 49 | ENE | 1 | 0 | | ? | ? | 40 | 39 | - .2 | SW | 1 | b | * | 51 | 37 | - |
| Paris | 29.88 | 49 | NNE | 3 | bc | | 29.81 | - .09 | 43 | 40 | - .1 | ESE | 1 | m | * | * | * | - |
| † Lyons | 29.75 | 50 | NNW | 1 | bc | | 29.84 | | 46 | 45 | | E | 1 | 0 | * | 59 | 43 | 0.20 |
| Toulon | 29.78 | 51 | Z | 0 | b | | 29.82 | + .03 | 51 | 46 | + .3 | NW | 3 | b | 2 | 52 | 46 | 0.08 |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|----|--|-------|-------|----|----|------|-----|---|---|---|----|----|---|
| Hawes Junction | 28.76 | 42 | NE | 2 | bc | | 28.72 | - .07 | 37 | 36 | + .1 | ENE | 4 | 0 | * | 45 | 29 | - |
|----------------|-------|----|----|---|----|--|-------|-------|----|----|------|-----|---|---|---|----|----|---|

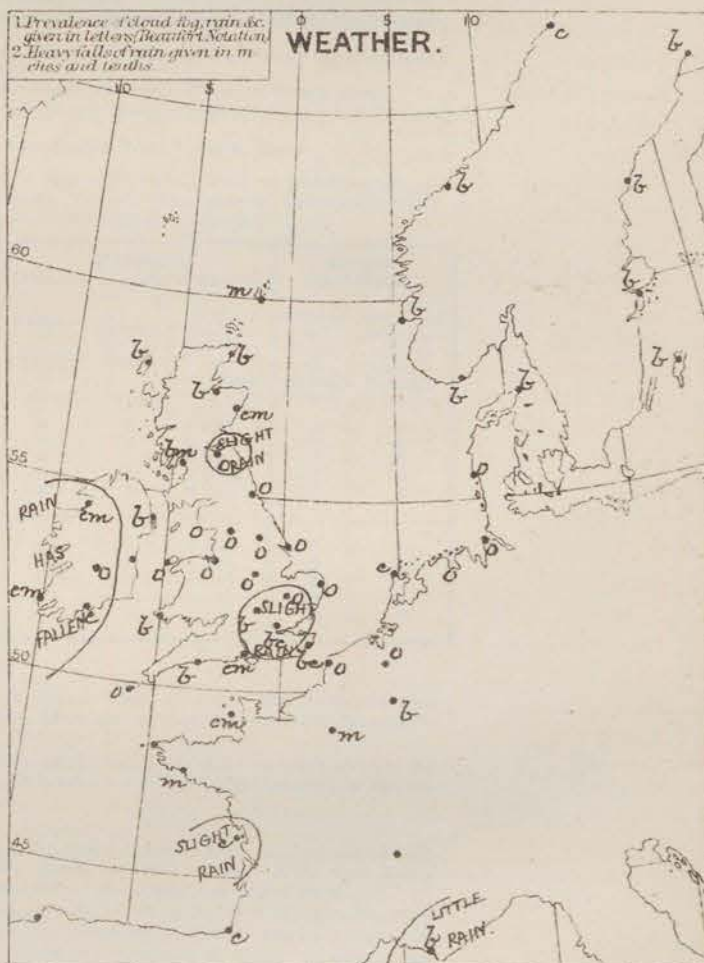
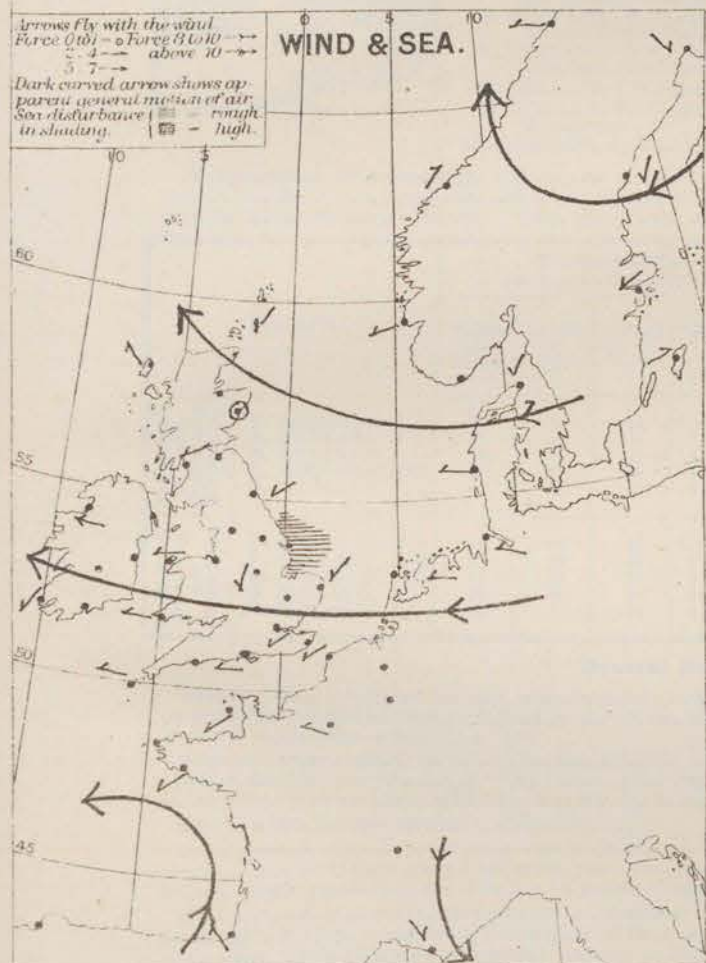
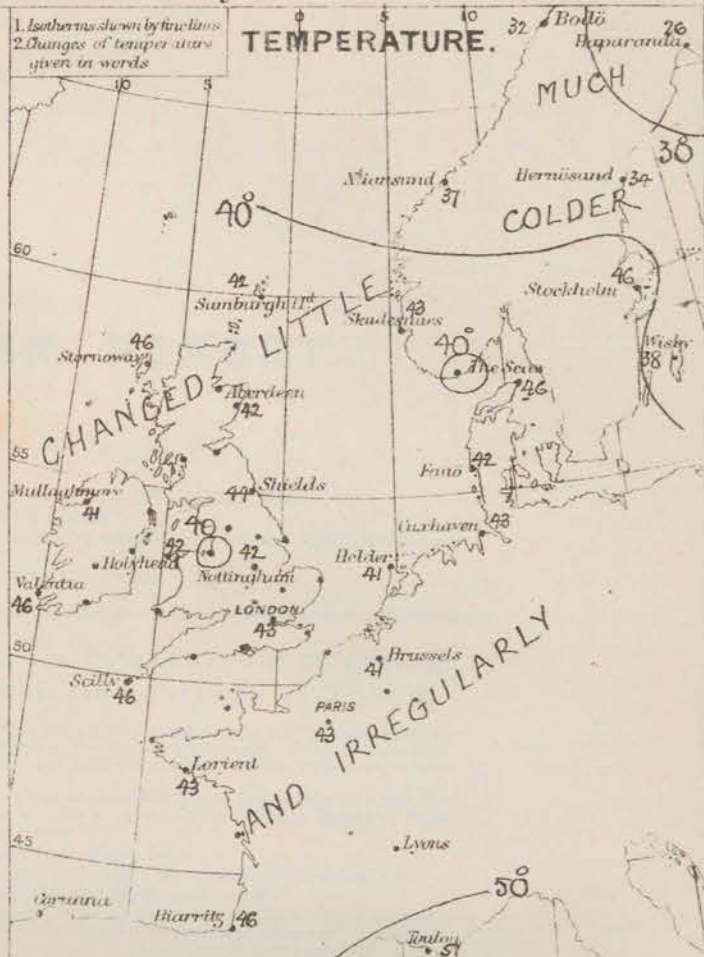
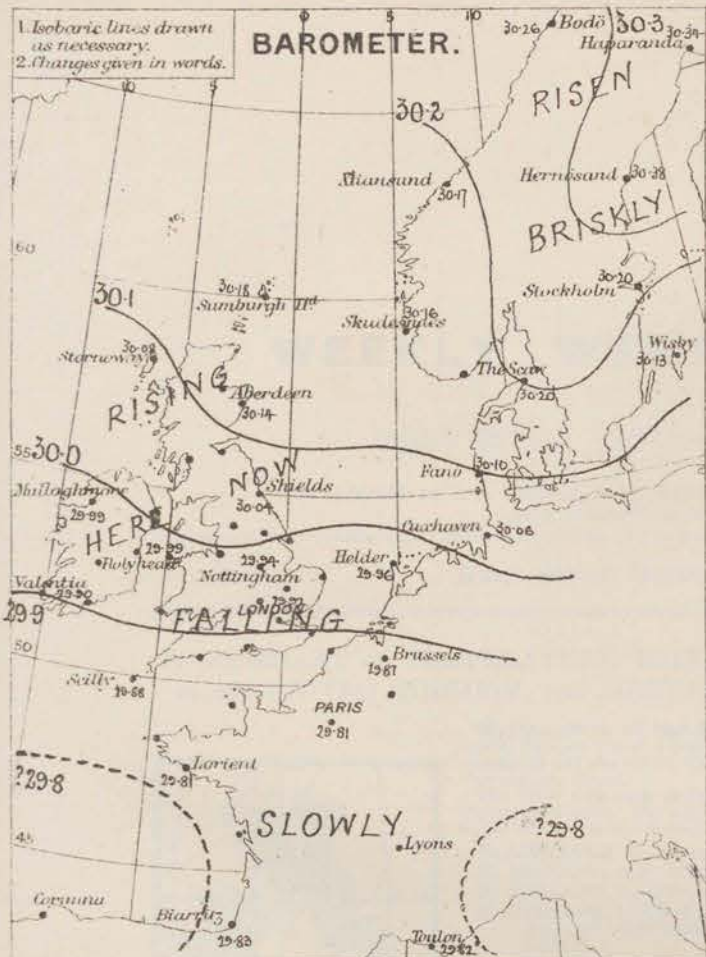
YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | Woa. | Sea. | | Bar. | Dry. | Wet. | Wind. | Woa. | Sea. |
|---------------|-------|------|-------|------|------|---|------|-----------|-------|-------|------|-----------|
| Skudesnaes | 30.14 | 55 | 46 | WNW | 4 | b | 2 | Valentia | | | | |
| Sumburgh Head | | | | | | | | Scilly | | | | |
| Stornoway | | | | | | | | Dover | | | | |
| Aberdeen | | | | | | | | London | | | | |
| Shields | | | | | | | | Yarmouth | | | | |
| Ardrossan | | | | | | | | Jersey | | | | |
| Mullaghmore | | | | | | | | Rochefort | 29.82 | 46 | 43 | NNE 5 0 2 |
| Holyhead | | | | | | | | | | | | |

EXPLANATION OF COLUMNS.

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. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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.
 † Received too late for insertion in Chart

WEATHER CHARTS for 8 a.m. on Mon-day 12th APRIL. 1880.



REMARKS. The weather remains very quiet over Nth Europe, and the general distribution of pressure has not changed much except in the N. of Scandinavia, where a brisk rise of the barometer has caused the re-establishment of the area of high pressure over that region. Shallow depressions are shown in the S, one over the Bay of Biscay, and a second one over the Gulf of Italy and the Adriatic, while slight gradients for E^{ly} winds are shown over these islands and the North Sea. At all the more Nth stations the mercury is rising slightly, but in the S a fall is reported. The winds are moderate to fresh from the E^{ly} over nearly the whole of Nth Europe, but in Scotland the wind is successively light, and inclined to blow into S. The weather is fine and bright over Scandinavia, the greater part of Scotland, and at several SW stations, but is more or less cloudy elsewhere, with mist or fog in many places. Slight rain has fallen in the SE of England and over Ireland. Temperature has changed slightly and irregularly, and is low generally over the country, readings ranging from 46° in the SW and 47° at Wick, to 39° at Liverpool. Last night the thermometer fell to about 32° in the E. of Scotland and SE. of England and central Ireland. The sea is moderate to smooth.

DAILY WEATHER REPORT 13TH APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|----------------|------|---------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda ... | 30.20 | 25 | S | 2 | b | 30.04 | - .30 | 30 | 25 | + .4 | S | 2 | b | * | 30 | 23 | - | |
| Hernösand ... | 30.32 | 32 | Z | 0 | b | 30.15 | - .23 | 44 | 37 | + .6 | Z | 0 | b | * | 63 | 28 | - | |
| Stockholm ... | 30.36 | 36 | SSE | 2 | b | 30.32 | + .12 | 44 | 39 | - .2 | N | 2 | b | * | 52 | 32 | - | |
| Wisby ... | 30.18 | 39 | ESE | 2 | b | 30.18 | + .15 | 37 | 35 | - .1 | SSE | 2 | b | * | 46 | 28 | - | |
| Bodö ... | | | | | | | | | | | | | | | | | | |
| Christiansund... | 30.19 | 40 | Z | 0 | b | 30.19 | + .02 | 40 | 38 | + .3 | Z | 0 | b | 3 | 50 | 26 | - | |
| † Skudesnaes ... | 30.21 | 44 | Z | 0 | b | 30.23 | + .07 | 42 | 40 | - .1 | SSE | 4 | b | 2 | 61 | ? | - | |
| Oxö (Xtiansund) ... | 30.23 | 42 | ENE | 2 | b | 30.27 | + .10 | 37 | 36 | - .2 | NNW | 2 | m | 1 | 45 | 34 | - | |
| Skagen (The Skaw) | 30.25 | 42 | Z | 0 | b | 30.28 | + .08 | 42 | 41 | - .4 | Z | 0 | b | 0 | 52 | 36 | - | |
| Fanö ... | 30.18 | 41 | E | 4 | b | 30.19 | + .09 | 45 | 42 | + .3 | ESE | 4 | b | * | 50 | 37 | - | |
| Cuxhaven ... | 30.08 | 51 | SE | 3 | b | 30.17 | + .11 | 47 | 46 | + .4 | SE | 4 | b | * | 9 | 41 | - | |
| † Sumburgh Head | 30.14 | 43 | E | 4 | o | 30.09 | - .09 | 44 | 43 | + .2 | SE | 5 | o | 5 | 47 | 40 | - | |
| † Stornoway ... | 30.02 | 48 | ENE | 3 | b | 29.97 | - .11 | 44 | 44 | - .2 | WSW | 1 | o | 1 | 50 | 42 | - | |
| Wick ... | 30.10 | 44 | S | 2 | b | 30.03 | - .11 | 44 | 42 | - .3 | S | 3 | o | 2 | 54 | 41 | - | |
| Nairn ... | 30.05 | 48 | E | 3 | o | 30.02 | - .11 | 46 | 42 | + .6 | Z | 0 | b | 1 | 51 | 38 | - | |
| † Aberdeen ... | 30.07 | 47 | E | 1 | o | 30.07 | - .07 | 47 | 44 | - .5 | SSE | 1 | b | 1 | 50 | 42 | 0.01 | |
| Leith ... | 30.01 | 42 | ESE | 1 | r | 30.03 | - .05 | 42 | 41 | 0 | E | 1 | o | * | 49 | 37 | 0.13 | |
| † Shields ... | 29.99 | 42 | ESE | 4 | o | 30.02 | - .02 | 43 | 43 | - .1 | E | 1 | og | 4 | 46 | 40 | 0.07 | |
| Spurn Head ... | 29.97 | 44 | ESE | 5 | o | 29.96 | .00 | 45 | 44 | + .3 | ESE | 3 | omp | 4 | 46 | 41 | 0.05 | |
| York ... | 29.95 | 43 | E | 1 | o | 29.97 | - .04 | 42 | 42 | 0 | NE | 1 | r | * | 45 | 37 | 0.09 | |
| Nottingham ... | 29.93 | 45 | NNE | 2 | e | 29.97 | + .03 | 42 | 40 | 0 | NNE | 2 | r | * | 46 | 38 | 0.06 | |
| † Ardrossan ... | 29.97 | 46 | ENE | 3 | o | 29.99 | - .05 | 43 | 40 | - .1 | ENE | 3 | om | 2 | 52 | 39 | 0.06 | |
| † Mullaghmore ... | 29.94 | 46 | E | 5 | o | 29.96 | - .03 | 43 | 42 | + .2 | ENE | 4 | og | 2 | 48 | 41 | 0.09 | |
| Donaghadee ... | 29.96 | 43 | ESE | 5 | r | 29.97 | - .08 | 44 | 42 | + .1 | SSE | 4 | o | 2 | 49 | 42 | 0.15 | |
| Parsonstown ... | 29.92 | 43 | NE | 2 | o | 29.95 | - .02 | 38 | 38 | + .2 | Z | 0 | of | * | 58 | 35 | 0.02 | |
| † Holyhead ... | 29.91 | 43 | E | 3 | m | 29.93 | - .06 | 43 | 42 | + .1 | E | 3 | c | 2 | 45 | 40 | - | |
| Liverpool (Bidston) | 29.89 | 42 | E | 2 | o | 29.96 | - .03 | 43 | 41 | + .4 | E | 1 | o | 1 | 43 | 39 | 0.03 | |
| † Valentia ... | 29.88 | 46 | SSE | 2 | o | 29.93 | + .03 | 46 | 43 | 0 | NE | 3 | cm | 3 | 51 | 40 | 0.19 | |
| Roche's Point ... | 29.89 | 45 | NE | 2 | o | 29.91 | - .01 | 44 | 41 | 0 | NE | 3 | b | 3 | 50 | 40 | 0.34 | |
| Pembroke ... | 29.85 | 45 | NNE | 1 | o | 29.90 | - .01 | 43 | 42 | + .1 | ESE | 1 | c | 2 | 46 | 40 | 0.02 | |
| † Scilly ... | 29.84 | 47 | ENE | 4 | e | 29.85 | - .03 | 49 | 48 | + .3 | E | 5 | c | 4 | 49 | 43 | 0.01 | |
| Prawle Point ... | 29.83 | 45 | ESE | 4 | b | 29.84 | - .03 | 46 | 45 | + .1 | NE | 4 | o | 3 | 49 | 42 | - | |
| Hurst Castle ... | 29.85 | 44 | ENE | 3 | b | 29.89 | .00 | 44 | 44 | + .2 | ENE | 3 | b | 3 | 49 | 41 | - | |
| † Dover ... | 29.89 | 47 | ENE | 2 | o | 29.91 | + .04 | 50 | 47 | + .5 | E | 1 | b | 0 | 50 | 44 | 0.09 | |
| † London ... | 29.88 | 47 | ENE | 3 | b | 29.90 | - .02 | 46 | 44 | + .3 | E | 1 | cf | * | 52 | 41 | 0.07 | |
| Oxford ... | 29.87 | 45 | E | 1 | r | 29.92 | .00 | 41 | 40 | - .1 | NE | 1 | o | * | 51 | 38 | 0.04 | |
| Cambridge ... | 29.88 | 45 | E | 1 | b | 29.91 | - .01 | 46 | 45 | + .5 | E | 1 | o | * | 50 | 35 | 0.01 | |
| † Yarmouth ... | 29.92 | 43 | E | 3 | b | 29.93 | .00 | 45 | 44 | + .2 | ESE | 3 | c | 3 | 46 | 41 | 0.05 | |
| The Helder ... | * | * | * | * | * | 30.01 | + .05 | 46 | 44 | + .5 | E | 1 | b | * | * | * | * | |
| Cape Gris Nez | 29.86 | 45 | N | 1 | o | 29.91 | + .05 | 47 | 45 | + .4 | SE | 1 | c | 0 | 50 | ? | 0.32 | |
| † Jersey ... | 29.84 | 47 | ENE | 2 | o | 29.86 | .00 | 48 | 46 | + .2 | ESE | 2 | cm | 2 | 55 | 41 | - | |
| Brest ... | 29.84 | 51 | N | 1 | o | 29.78 | ? | 44 | 42 | + .2 | E | 3 | o | 2 | 54 | 41 | - | |
| Lorient ... | 29.79 | 50 | SSW | 1 | b | 29.74 | - .08 | 46 | 43 | + .3 | E | 5 | o | 2 | 52 | 41 | - | |
| † Rochefort ... | 29.80 | 53 | Z | 0 | o | 29.76 | - .08 | 50 | 47 | + .3 | ESE | 7 | r | 2 | 57 | 43 | - | |
| Biarritz ... | | | | | | | | | | | | | | | | | | |
| Corunna ... | * | * | * | * | * | | | | * | | | | | | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.96 | + .09 | 50 | 46 | + .9 | ESE | 1 | b | * | 58 | 33 | - | |
| Charleville ... | ? | 34 | SSE | 1 | b | ? | ? | 48 | 47 | + .8 | SSE | 1 | b | * | 59 | 33 | 0.16 | |
| Paris ... | 29.86 | 51 | ESE | 3 | b | 29.90 | + .09 | 48 | 44 | + .5 | ENE | 1 | b | * | * | * | - | |
| Lyons ... | 29.88 | 51 | NE | 1 | b | 29.93 | + .09 | 44 | 42 | - .2 | NE | 1 | b | * | 56 | 33 | - | |
| Toulon ... | 29.93 | 50 | N | 4 | b | 30.00 | + .18 | 52 | 46 | + .1 | E | 4 | b | 3 | 59 | 36 | - | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|----|----|---|-----|---|----|---|----|----|------|
| Hawes Junction | 28.68 | 37 | ENE | 3 | r | 28.71 | 37 | 36 | 0 | ESE | 2 | os | * | 39 | 32 | 0.70 |
|----------------|-------|----|-----|---|---|-------|----|----|---|-----|---|----|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 30.15 | 60 | 49 | E | 2 | b | 2 | Valentia ... | 29.89 | 50 | 43 | NE | 3 | om | 4 |
| Sumburgh Head | 30.19 | 44 | 43 | ENE | 3 | o | 3 | Scilly ... | 29.87 | 49 | 47 | E | 5 | a | 4 |
| Stornoway ... | 29.98 | 49 | 47 | ESE | 1 | o | 1 | Dover ... | 29.86 | 47 | 43 | ENE | 3 | be | 2 |
| Aberdeen ... | 30.12 | 48 | 46 | E | 1 | be | 1 | London ... | 29.88 | 49 | 44 | E | 2 | o | * |
| Shields ... | 30.02 | 44 | 43 | E | 3 | o | 3 | Yarmouth ... | 29.92 | 44 | 42 | E | 4 | og | 4 |
| Ardrossan ... | 30.02 | 49 | 44 | ENE | 3 | om | 2 | Jersey ... | 29.87 | 50 | 46 | NE | 2 | bcg | 2 |
| Mullaghmore ... | 29.99 | 48 | 45 | E | 5 | cgm | 3 | Rochefort ... | 29.85 | 55 | 50 | N | 2 | be | 2 |
| Holyhead ... | 29.96 | 44 | 42 | E | 4 | o | 3 | | | | | | | | |

The weather has become less fine since the morning, and cold easterly breezes with cloudy or overcast skies now prevail generally.

EXPLANATION OF COLUMNS.

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. dew.

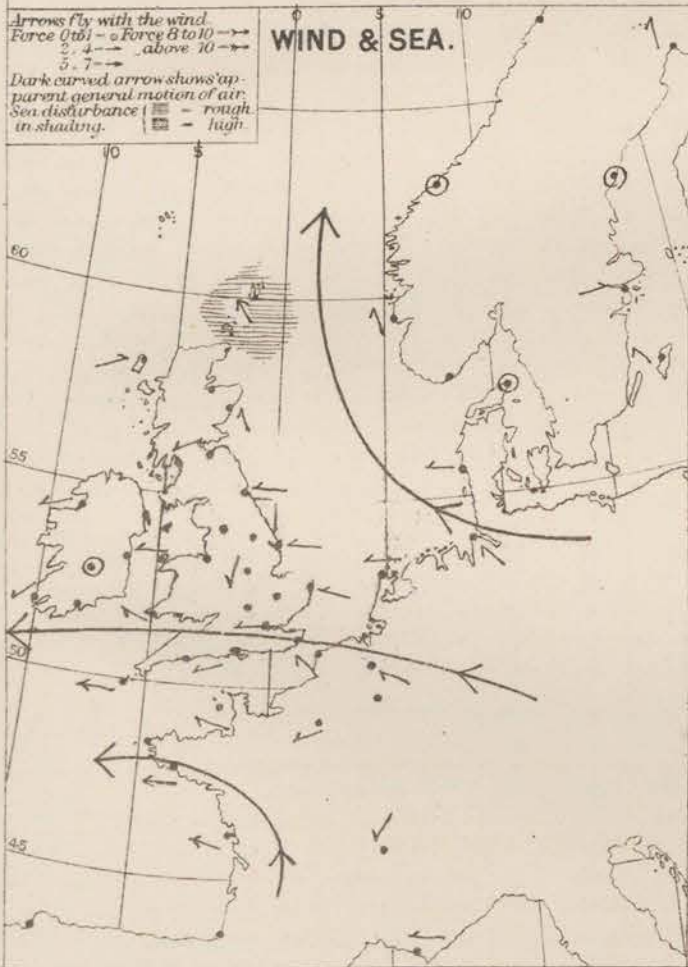
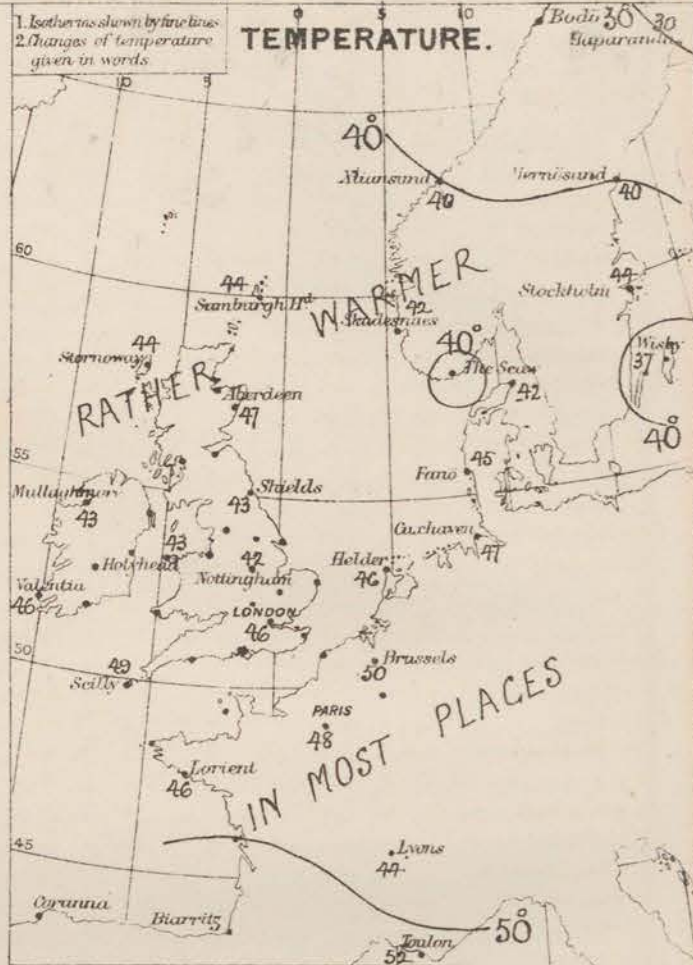
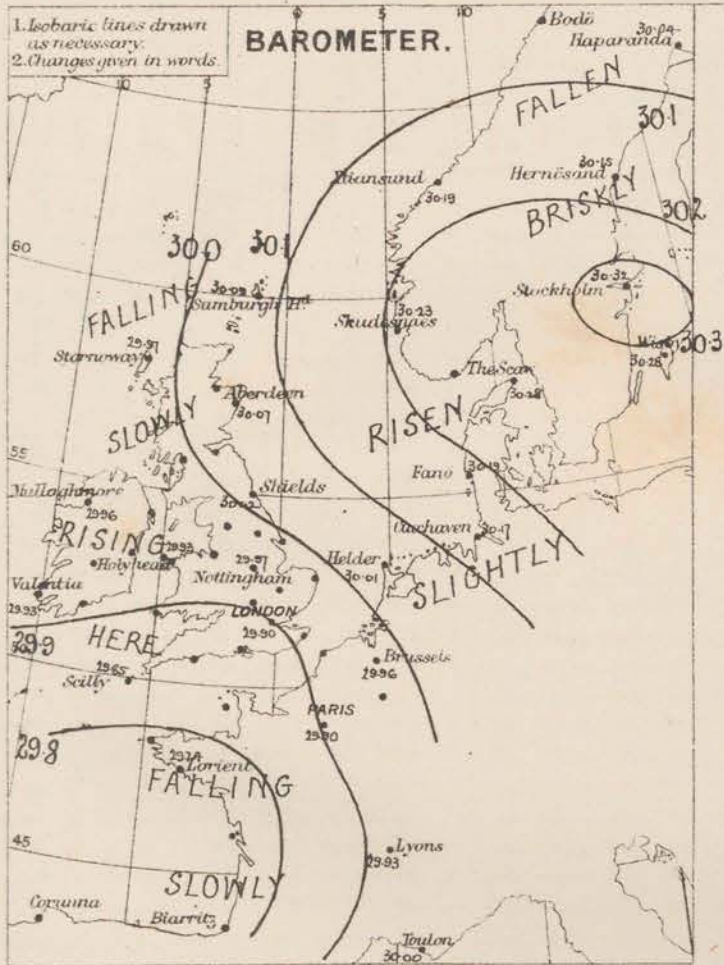
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Tuesday 13. APRIL. 1880.



REMARKS. Pressure is at present increasing slightly over Ireland, England, the E. of France, N. Germany, Denmark and the S. of Scandinavia, but is falling over the Bay of Biscay as well as over Scotland, and the N. of Norway and Sweden. The highest readings are reported from the Baltic, and comparatively low barometers to the N^o of France and the NW^o of Scotland. Gradientos are everywhere slight, and the wind, which is E^l over France, the North Sea, England and Ireland is light or moderate in force, except over the Bay of Biscay and at Sicily. In the N. of Scotland and W. of Norway, the wind draws into SE. and S. The weather is exceedingly fine over the countries to the E^o of the North Sea, and in the E. and N. of France, but elsewhere the sky is cloudy, overcast or misty, with rain over our Highland countries, and several Showers in the Lowlands. Night showers have occurred at all but the N^o stations. Temperature has not changed much, but in most places the tendency is upward. Readings range from 49° at Sicily and 47° at Aberdeen to 41° at Oxford. The minimum last night was in no case very low. The sea is moderate to slight, except at Liverpool Head, where it is rather rough.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 14TH APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|---|--------------------|--------|----------------------|----|----------|---|---|-------------|------|---|--------|----------------------|----------|-------------------|-------------|------|---------------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dirac. | Force. (0 to 12). | | | Reading at 8 a.m. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12). | | | Max. | Min. | |
| Haparanda | 29.91 | 30 | S | 2 | b | | 29.79 | -.25 | 30 | 28 | 0 | S | 2 | b | * | 41 | ? | - |
| Hernösand | 30.05 | 45 | L | 0 | b | | 29.89 | -.26 | 42 | 39 | + 2 | L | 0 | b | * | 52 | 23 | - |
| Stockholm | 30.05 | 41 | WSTN | 2 | b | | 30.01 | -.31 | 48 | 43 | + 4 | WSTN | 2 | b | * | 57 | 27 | - |
| Wisby | 30.21 | 39 | S | 4 | b | | 30.06 | -.22 | 43 | 40 | + 6 | WSTN | 2 | b | * | 45 | 34 | - |
| Bodo | 29.98 | 41 | STN | 2 | o | | 29.68 | | 41 | 39 | | STN | 4 | o | 3 | 41 | 36 | 0.12 |
| Christiansund | 30.08 | 41 | STN | 1 | bc | | 29.78 | -.41 | 45 | 42 | + 5 | SSE | 1 | c | 2 | 50 | 36 | - |
| † Skudesnaes | 30.04 | 44 | SSE | 2 | o | | 29.78 | -.45 | 45 | 43 | + 3 | SE | 4 | o | 3 | 48 | ? | - |
| Oxö (Xiansund) | 30.09 | 43 | NE | 4 | b | | 29.92 | -.35 | 41 | 41 | + 4 | NE | 4 | c | 2 | 46 | ? | - |
| Skagen (The Skaw) | 30.14 | 44 | ESE | 2 | b | | 29.95 | -.33 | 44 | 43 | + 2 | S | 3 | o | 0 | 50 | 36 | - |
| Fanö | 30.02 | 46 | SE | 4 | b | | 29.80 | -.38 | 50 | 46 | + 5 | SSE | 4 | b | * | 57 | 43 | - |
| Cuxhaven | 30.11 | 56 | SE | 3 | b | | 29.92 | -.25 | 50 | 49 | + 3 | S | 2 | b | * | 57 | 43 | - |
| † Sumburgh Head | 29.96 | 45 | SSE | 4 | c | | 29.76 | -.33 | 45 | 43 | + 1 | N | 3 | r | 3 | 49 | 42 | 0.07 |
| † Stornoway | 29.89 | 49 | W | 2 | bc | | 29.82 | -.15 | 44 | 40 | 0 | N | 6 | bc | 5 | 50 | 36 | - |
| Wick | 29.92 | 44 | S | 2 | r | | 29.76 | -.27 | 45 | 43 | + 1 | N | 2 | o | 2 | 53 | 42 | 0.10 |
| Nairn | 29.91 | 49 | L | 0 | b | | 29.80 | -.22 | 41 | 39 | -.5 | L | 0 | o | 1 | 52 | 41 | 0.10 |
| † Aberdeen | 29.92 | 46 | SE | 1 | o | | 29.75 | -.32 | 44 | 42 | -.3 | NW | 3 | o | 1 | 51 | 40 | 0.29 |
| Leith | 29.89 | 42 | NNE | 1 | r | | 29.74 | -.29 | 44 | 42 | + 2 | NW | 3 | bc | * | 45 | 36 | 0.49 |
| † Shields | 29.88 | 43 | L | 0 | r | | 29.81 | -.21 | 42 | 41 | -.1 | W | 2 | c | 3 | 45 | 36 | 0.20 |
| Spurn Head | 29.87 | 46 | L | 0 | c | | 29.81 | -.15 | 45 | 45 | 0 | NNW | 2 | o | 1 | 48 | 44 | 0.01 |
| York | 29.89 | 46 | N | 1 | o | | 29.82 | -.15 | 36 | 36 | -.6 | N | 1 | f | * | 47 | 34 | 0.52 |
| Nottingham | 29.91 | 49 | N | 1 | bc | | 29.72 | -.25 | 43 | 42 | + 1 | NE | 1 | m | * | 51 | 35 | 0.01 |
| † Ardrossan | 29.90 | 46 | ENE | 1 | om | | 29.81 | -.18 | 42 | 41 | -.1 | L | 0 | bc | 0 | 48 | 37 | - |
| † Mullaghmore | 29.94 | 47 | WNW | 4 | bc | | 29.82 | -.14 | 44 | 42 | + 1 | NNW | 5 | o | 4 | 51 | 41 | 0.08 |
| Donaghadee | 29.93 | 45 | S | 2 | o | | 29.81 | -.16 | 44 | 43 | 0 | NNE | 2 | b | 0 | 49 | 35 | - |
| Parsonstown | 29.93 | 50 | NW | 2 | b | | 29.84 | -.11 | 41 | 40 | + 3 | WNW | 2 | o | * | 53 | 36 | - |
| † Holyhead | 29.90 | 46 | NNE | 3 | bc | | 29.81 | -.12 | 41 | 40 | -.2 | S | 1 | f | 0 | 51 | 37 | - |
| Liverpool (Bidston) | 29.87 | 46 | NNW | 1 | b | | 29.81 | -.15 | 42 | 41 | -.1 | SSTN | 1 | o | 1 | 51 | 40 | - |
| † Valentia | 29.95 | 50 | NNW | 4 | bc | | 29.89 | -.04 | 43 | 40 | -.3 | N | 6 | og | 7 | 53 | 42 | 0.04 |
| Roche's Point | 29.93 | 51 | ESE | 1 | bc | | 29.83 | -.08 | 40 | 39 | -.4 | NNW | 5 | r | 3 | 56 | 39 | 0.02 |
| Pembroke | 29.87 | 49 | N | 3 | b | | 29.78 | -.12 | 44 | 43 | + 1 | N | 1 | c | 2 | 52 | 40 | - |
| † Scilly | 29.84 | 50 | NE | 5 | c | | 29.79 | -.06 | 48 | 47 | -.1 | NNE | 5 | om | 4 | 51 | 46 | - |
| Prawle Point | 29.83 | 47 | ENE | 3 | o | | 29.74 | -.10 | 45 | 44 | -.1 | NE | 3 | o | 3 | 53 | 42 | 0.17 |
| Hurst Castle | 29.86 | 48 | SE | 2 | c | | 29.74 | -.15 | 45 | 45 | + 1 | ENE | 4 | r | 3 | 52 | 44 | 0.27 |
| † Dover | 29.85 | 53 | E | 2 | og | | 29.70 | -.21 | 48 | 47 | -.2 | NNE | 4 | c | 2 | 55 | 47 | 0.02 |
| † London | 29.86 | 55 | L | 0 | o | | 29.75 | -.15 | 46 | 45 | 0 | NE | 1 | og | * | 58 | 46 | 0.11 |
| Oxford | 29.87 | 49 | NW | 1 | o | | 29.77 | -.15 | 45 | 44 | + 4 | NE | 1 | r | * | 54 | ? | 0.32 |
| Cambridge | 29.86 | 52 | W | 1 | o | | 29.77 | -.14 | 45 | 45 | -.1 | NW | 1 | r | * | 57 | 43 | 0.11 |
| † Yarmouth | 29.90 | 48 | SE | 1 | bc | | 29.78 | -.15 | 46 | 45 | + 1 | NE | 3 | or | 3 | 49 | 44 | 0.03 |
| The Helder | * | * | * | * | * | | 29.79 | -.22 | 49 | 47 | + 3 | SSE | 1 | c | * | * | * | * |
| Cape Gris Nez | 29.84 | 49 | E | 1 | o | | 29.71 | -.20 | 47 | 47 | 0 | NE | 3 | o | 1 | 57 | 46 | - |
| † Jersey | 29.83 | 49 | ENE | 2 | om | | 29.72 | -.14 | 48 | 47 | 0 | ENE | 1 | mor | 1 | 54 | 46 | 0.14 |
| Brest | 29.74 | 48 | ENE | 5 | r | | 29.75 | -.03 | 47 | ? | + 3 | E | 4 | r | 2 | 52 | ? | 0.71 |
| Lorient | 29.71 | 51 | ESE | 5 | r | | 29.69 | -.05 | 50 | 50 | + 4 | E | 4 | o | 2 | 55 | 45 | 0.28 |
| † Rochefort | 29.68 | 59 | SE | 3 | o | | 29.75 | -.01 | 53 | 51 | + 3 | S | 5 | b | 2 | 64 | 41 | 0.55 |
| Biarritz | 29.69 | 55 | S | 7 | c | | 29.77 | | 55 | 51 | | ESE | 4 | b | 2 | 72 | 50 | 0.04 |
| Corunna | * | * | * | * | * | | | | * | * | | | | | | * | * | * |
| Brussels | * | * | * | * | * | | 29.78 | -.18 | 54 | 48 | + 4 | S | 3 | o | * | 64 | ? | - |
| Charleville | * | 60 | SSE | 1 | b | | ? | ? | 53 | 45 | + 5 | S | 3 | o | * | 65 | 40 | - |
| Paris | 29.82 | 60 | ESE | 3 | bc | | 29.79 | -.11 | 50 | 48 | + 2 | ESE | 3 | r | * | * | * | 0.16 |
| Lyons | 29.89 | 60 | S | 3 | bc | | 29.96 | + .03 | 60 | 47 | + 16 | S | 1 | bc | * | 67 | 50 | - |
| Toulon | 30.05 | 54 | SE | 4 | bc | | 30.09 | + .09 | 53 | 52 | + 1 | E | 8 | o | ? | ? | ? | - |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|--|-------|------|----|----|-----|---|---|---|---|----|----|------|
| Hawes Junction | 28.63 | 45 | L | 0 | b | | 28.84 | -.17 | 41 | 39 | + 4 | L | 0 | b | * | 46 | 28 | 0.29 |
|----------------|-------|----|---|---|---|--|-------|------|----|----|-----|---|---|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 30.15 | 48 | 45 | SSE | 4 | b | 3 | Valentia ... | 29.95 | 52 | 47 | NW | 3 | om | 3 |
| Sumburgh Head | 30.04 | 49 | 46 | SE | 5 | c | 4 | Scilly | 29.85 | 51 | 49 | NE | 5 | bc | 4 |
| Stornoway ... | 29.95 | 50 | 47 | WSTN | 2 | bc | 2 | Dover | 29.83 | 54 | 51 | WSTN | 2 | b | 1 |
| Aberdeen ... | 30.02 | 48 | 45 | SSE | 1 | bc | 1 | London | 29.87 | 56 | 48 | ESE | 2 | o | * |
| Shields | 29.97 | 44 | 44 | N | 3 | o | 3 | Yarmouth ... | 29.92 | 48 | 46 | SE | 3 | bc | 3 |
| Ardrossan ... | 29.97 | 47 | 43 | Z | 0 | o | 0 | Jersey | 29.84 | 52 | 48 | ENE | 2 | om | 2 |
| Mullaghmore ... | 29.95 | 50 | 48 | NNW | 2 | om | 2 | Rochefort ... | 29.73 | 60 | 55 | ESE | 5 | o | 2 |
| Holyhead | 29.93 | 51 | 47 | ENE | 2 | b | 2 | | | | | | | | |

Both wind and weather vary very considerably this afternoon in different localities, but pressure has decreased in all places except our south-west coast.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

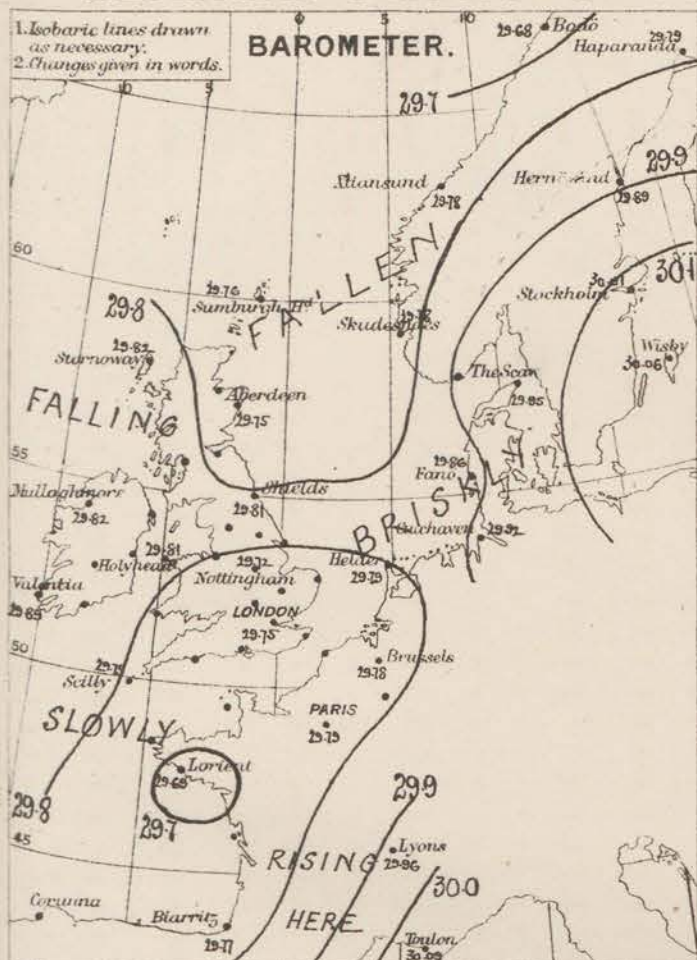
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Wednesday 14. APRIL. 1880.

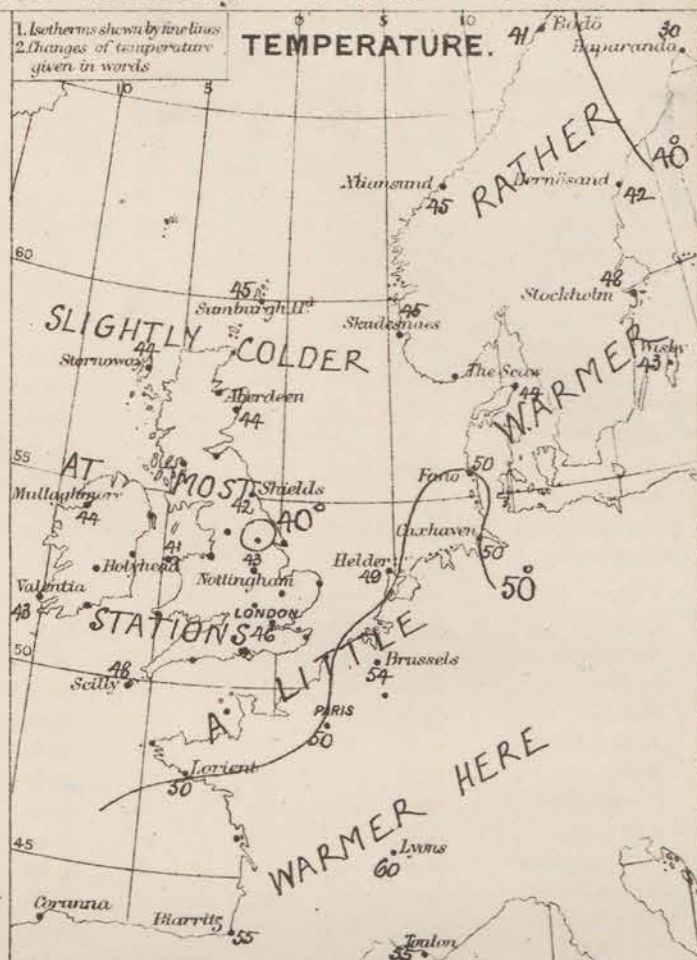
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



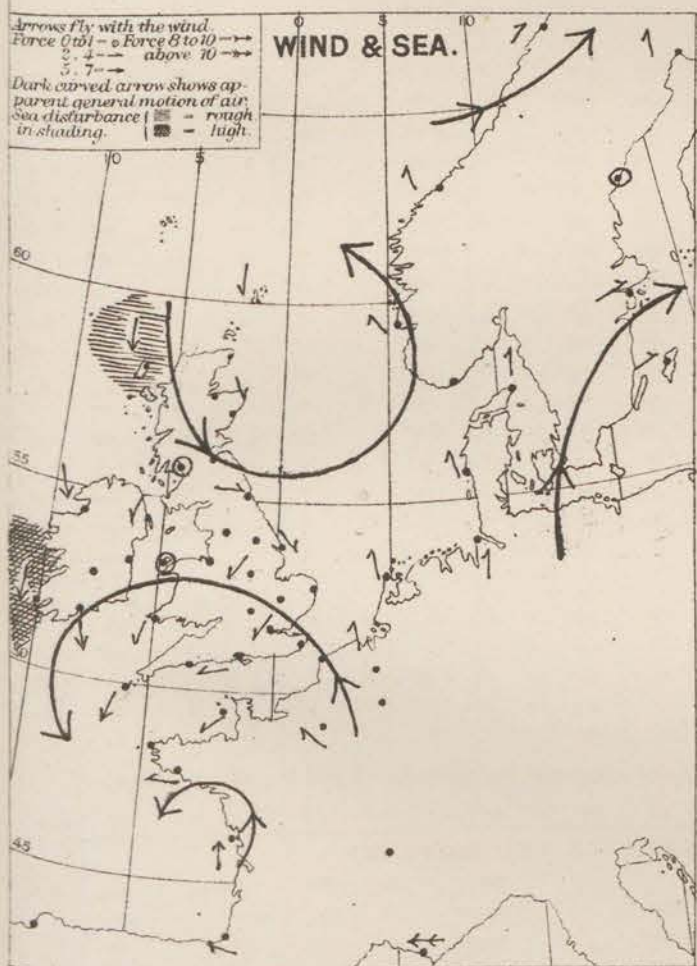
1. Isotherms shown by fine lines
2. Changes of temperature given in words

TEMPERATURE.



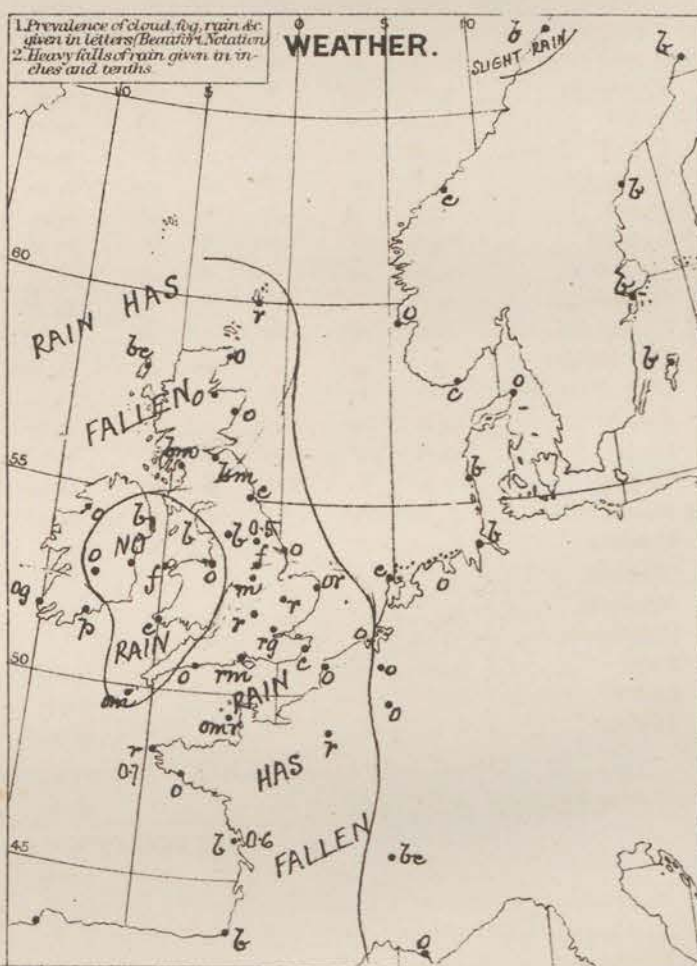
Arrows fly with the wind.
Force 0 to 10 - Force 6 to 10 - Force above 10
Dark curved arrow shows apparent general motion of air.
Sea disturbance () = rough in shading.

WIND & SEA.



1. Prevalence of cloud, fog, rain &c given in letters (B) and (N) notation
2. Heavy falls of rain given in inches and tenths

WEATHER.



REMARKS. The distribution of pressure reported this morning is very irregular, and the general conditions are very unsettled. A large area of low pressure is shown over the S. of England, the Channel and France, and a second over the E. of Scotland and the North Sea, while readings are comparatively high over the S. of Scandinavia, the SE. of France, and the W. of Ireland. The wind in the N. circulates round the low pressure in that neighbourhood, blowing from N. in Scotland, from W. in N. England, and from S. on the E. shore of the North Sea, while over the N. of France, the Channel, and S. of England, the wind is E., and in the S. of Ireland N. It is light or moderate except on our extreme W. coast, where it blows fresh or strongly. The weather is fine at some of our NW. stations, as well as over N. Germany, and the SW. of France, but in all other places the sky is cloudy or overcast with rain in the SE, and mist or fog in many places. Rain has fallen except in the NW. and SW. heavily at Leeds, York and in the W. of France. Temperature has fallen at most of our stations, and is uniformly low, ranging from 36° at York to 48° in the Shetlands. Sea is high at Valentia, and rough at St. Mary's, moderate to smooth elsewhere.

Meteorological Office.
716, Victoria Street, Westminster, S.W.

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 15th APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|----------------|------|-------|------------------|----------|----------------|-----------------------------------|------|---------------------|------|----------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | SHADE TEMP. | | WIND. | Force (0 to 12). | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | | |
| | | | Dirac. | Force. (0 to 12). | | | Dry. | Wet. | | | | | Difference from 8 a.m. yesterday. | Max. | | Min. | | | |
| Haparanda | 29.45 | 32 | SW | 2 | o | 29.08 | -71 | 36 | 35 | +6 | W | 6 | b | * | 37 | 30 | - | | |
| Hernösand | 29.54 | 49 | SSW | 2 | bc | 29.52 | -37 | 39 | 38 | -3 | W | 6 | b | * | 57 | 27 | - | | |
| Stockholm | 29.75 | 41 | SW | 2 | c | 29.60 | -41 | 47 | 44 | -1 | WNW | 2 | o | * | 57 | 36 | - | | |
| Wishy | 29.81 | 45 | WSW | 4 | b | 29.64 | -42 | 48 | 44 | +5 | WSW | 4 | v | * | 55 | 30 | - | | |
| Bodö | | | | | | | | | | | | | | | | | | | |
| Christiansund | 29.69 | 39 | WNW | 5 | f | 29.72 | -06 | 34 | 33 | -11 | WSW | 6 | cas | 5 | 46 | 28 | 0.16 | | |
| † Skudesnaes | 29.69 | 43 | W | 2 | of | 29.74 | -04 | 40 | 37 | -5 | NNW | 8 | b | 4 | 45 | ? | - | | |
| Oxö (Xiansund) | 29.69 | 43 | NW | 1 | o | 29.66 | -26 | 40 | 39 | -1 | N | 1 | m | 1 | 46 | 36 | - | | |
| Skagen (The Skaw) | 29.68 | 47 | L | 0 | o | 29.68 | -27 | 44 | 43 | 0 | NTW | 2 | o | 0 | 52 | 36 | 0.08 | | |
| Fanö | 29.69 | 50 | S | 1 | o | 29.69 | -47 | 48 | 48 | -2 | S | 1 | o | * | 57 | 45 | 0.04 | | |
| Cuxhaven | 29.77 | 56 | WSW | 2 | o | 29.75 | -17 | 55 | 54 | +5 | WSW | 3 | b | * | 66 | 46 | 0.04 | | |
| † Sumburgh Head | 29.83 | 40 | N | 5 | o | 29.97 | +21 | 39 | 34 | -6 | N | 2 | e | 2 | 48 | 34 | 0.03 | | |
| † Stornoway | 29.44 | 44 | NNE | 7 | o | 30.00 | +18 | 40 | 39 | -4 | NE | 4 | o | 5 | 44 | 34 | 0.09 | | |
| Wick | 29.85 | 42 | NNE | 6 | o | 29.98 | +22 | 40 | 37 | -5 | N | 2 | o | 2 | 49 | 36 | 0.11 | | |
| Nairn | 29.86 | 45 | NNW | 4 | r | 29.98 | +18 | 42 | 37 | +1 | NE | 2 | e | 4 | 48 | 38 | 0.07 | | |
| † Aberdeen | 29.80 | 48 | N | 3 | bc | 29.96 | +21 | 42 | 38 | -2 | N | 4 | o | 3 | 50 | 39 | 0.02 | | |
| Leith | 29.80 | 45 | E | 1 | g | 29.93 | +19 | 45 | 41 | +1 | NE | 4 | b | * | 56 | 36 | 0.01 | | |
| † Shields | 29.76 | 46 | NE | 2 | b | 29.86 | +05 | 43 | 42 | +1 | NE | 7 | r | 6 | 49 | 41 | 0.09 | | |
| Spurn Head | 29.72 | 43 | NNE | 4 | r | 29.88 | 00 | 44 | 43 | -1 | NNE | 4 | o | 3 | 47 | 42 | 0.03 | | |
| York | 29.74 | 49 | ENE | 1 | o | 29.81 | -01 | 46 | 43 | +0 | NNE | 2 | e | * | 55 | 36 | - | | |
| Nottingham | 29.75 | 47 | NE | 2 | o | 29.80 | +08 | 44 | 39 | +1 | NE | 3 | o | * | 51 | 41 | ? | | |
| † Ardrossan | 29.79 | 49 | ENE | 1 | e | 29.89 | +08 | 45 | 40 | +3 | ENE | 3 | bcw | 2 | 52 | 40 | - | | |
| † Mullaghmore | 29.85 | 47 | N | 6 | bcw | 29.89 | +07 | 44 | 43 | 0 | E | 5 | org | 4 | 49 | 43 | 0.07 | | |
| Donaghadee | 29.79 | 49 | NNE | 3 | bc | 29.87 | +06 | 46 | 44 | +2 | ENE | 4 | b | 2 | 50 | 43 | - | | |
| Parsonstown | 29.81 | 43 | N | 1 | e | 29.86 | +02 | 43 | 42 | +2 | N | 1 | o | * | 50 | 35 | 0.05 | | |
| † Holyhead | 29.75 | 46 | N | 3 | e | 29.78 | -03 | 46 | 44 | +5 | NE | 4 | o | 3 | 48 | 40 | - | | |
| Liverpool (Bidston) | 29.74 | 46 | NNW | 2 | e | 29.78 | -03 | 45 | 42 | +3 | ENE | 2 | o | 1 | 50 | 42 | - | | |
| † Valentia | 29.81 | 48 | N | 4 | e | 29.83 | -06 | 45 | 43 | +2 | NE | 5 | og | 5 | 52 | 43 | 0.05 | | |
| Roche's Point | 29.77 | 45 | NE | 3 | e | 29.75 | -08 | 46 | 43 | +6 | NE | 5 | bc | 4 | 51 | 40 | 0.09 | | |
| Pembroke | 29.71 | 45 | N | 3 | r | 29.68 | -10 | 44 | 42 | 0 | NE | 3 | o | 2 | 51 | 42 | - | | |
| † Scilly | 29.72 | 48 | N | 4 | o | 29.58 | -24 | 47 | 46 | -1 | ENE | 6 | ow | 4 | 50 | 41 | 0.97 | | |
| Prawle Point | 29.65 | 46 | NNE | 2 | o | 29.53 | -21 | 43 | 43 | -2 | NNE | 4 | o | 3 | 48 | 41 | 0.20 | | |
| Hurst Castle | 29.64 | 46 | ENE | 2 | rm | 29.64 | -10 | 46 | 46 | +1 | ESE | 3 | rm | 4 | 48 | 45 | 0.35 | | |
| † Dover | 29.62 | 48 | WSW | 3 | of | 29.72 | +02 | 46 | 46 | -2 | NE | 4 | opf | 2 | 49 | 45 | 0.12 | | |
| † London | 29.66 | 47 | NNE | 2 | o | 29.70 | -05 | 44 | 43 | -2 | ENE | 3 | o | * | 49 | 42 | 0.78 | | |
| Oxford | 29.66 | 45 | NNW | 2 | r | 29.70 | -07 | 42 | 41 | -3 | NE | 3 | r | * | 47 | 41 | 0.49 | | |
| Cambridge | 29.64 | 45 | N | 1 | r | 29.75 | -02 | 43 | 42 | -2 | NE | 1 | o | * | 50 | 40 | 0.45 | | |
| † Yarmouth | 29.61 | 46 | NE | 2 | rm | 29.75 | -03 | 43 | 42 | -3 | NE | 4 | o | 3 | 47 | 41 | 0.25 | | |
| The Helder | * | * | * | * | * | 29.72 | -07 | 46 | 45 | -3 | SW | 2 | e | * | * | * | * | | |
| Cape Gris Nez | 29.65 | 49 | SSW | 3 | e | 29.71 | 00 | 48 | 48 | +1 | ENE | 3 | m | 1 | 54 | 45 | 0.16 | | |
| † Jersey | 29.65 | 49 | WSW | 2 | of | 29.59 | -13 | 49 | 49 | +1 | SSE | 2 | ef | 2 | 54 | 45 | 0.55 | | |
| Brest | 29.73 | 46 | N | 3 | o | 29.60 | -15 | 45 | 43 | -2 | W | 5 | r | 4 | 52 | 43 | 0.67 | | |
| Lorient | 29.65 | 50 | ESE | 4 | e | 29.61 | -08 | 46 | 45 | -4 | WNW | 4 | o | 3 | 53 | 41 | 0.24 | | |
| † Rochefort | 29.73 | 60 | SSW | 3 | bc | 29.68 | -07 | 54 | 50 | +1 | WNW | 4 | o | 2 | 64 | 41 | 0.08 | | |
| Biarritz | 29.69 | 70 | SSW | 7 | bc | 29.69 | -08 | 61 | 52 | +6 | SSW | 5 | o | 2 | 72 | 50 | - | | |
| Corunna | * | * | * | * | * | | | | | | | | | | * | * | * | | |
| Brussels | * | * | * | * | * | 29.76 | -02 | 53 | 50 | -1 | S | 3 | e | * | 61 | 49 | 0.04 | | |
| Charleville | ? | 51 | SSW | 3 | e | ? | ? | 53 | 49 | 0 | S | 3 | o | * | ? | 46 | 0.39 | | |
| Paris | 29.71 | 59 | SE | 3 | b | 29.73 | -06 | 57 | 54 | +7 | ENE | 3 | o | * | * | * | 0.08 | | |
| Lyons | 29.89 | 57 | S | 1 | o | 29.74 | -12 | 57 | 50 | -3 | SE | 1 | o | * | 67 | 54 | 0.04 | | |
| Toulon | 30.04 | 54 | E | 9 | o | 29.94 | -15 | 54 | 48 | +1 | E | 9 | o | 7 | 55 | 52 | - | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-----|----|----|----|-----|---|----|---|----|----|------|
| Hawes Junction | 28.49 | 48 | ENE | 1 | e | 28.55 | +01 | 40 | 39 | -1 | ENE | 5 | ow | * | 50 | 39 | 0.03 |
|----------------|-------|----|-----|---|---|-------|-----|----|----|----|-----|---|----|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---------------|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| Skudesnaes | 29.73 | 44 | 42 | SSW | 2 | o | 3 | Valentia | 29.85 | 48 | 43 | NNW | 4 | c | 5 |
| Sumburgh Head | 29.76 | 46 | 44 | N | 4 | o | 3 | Scilly | 29.75 | 50 | 48 | NNE | 3 | b | 3 |
| Stornoway | 29.87 | 43 | 43 | NNE | 6 | o | 6 | Dover | 29.65 | 49 | 48 | E | 2 | ond | 2 |
| Aberdeen | 29.77 | 49 | 47 | N | 3 | r | 1 | London | 29.68 | 49 | 48 | NNE | 1 | or | * |
| Shields | 29.78 | 48 | 44 | E | 2 | e | 1 | Yarmouth | 29.71 | 47 | 45 | NNE | 3 | o | 3 |
| Ardrossan | 29.80 | 50 | 46 | WNW | 2 | b | 2 | Jersey | 29.70 | 49 | 49 | ESE | 1 | f | 1 |
| Mullaghmore | 29.84 | 40 | 44 | ENE | 4 | og | 3 | Rochefort | 29.75 | 63 | 50 | SSW | 7 | bc | 2 |
| Holyhead | 29.79 | 47 | 45 | NNE | 3 | b | 3 | | | | | | | | |

The barometer is rising a little in the NW. and N., falling elsewhere, and the two depressions are apparently passing E. and N. winds prevail generally, and the weather is dull & rainy except in the W. of England.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

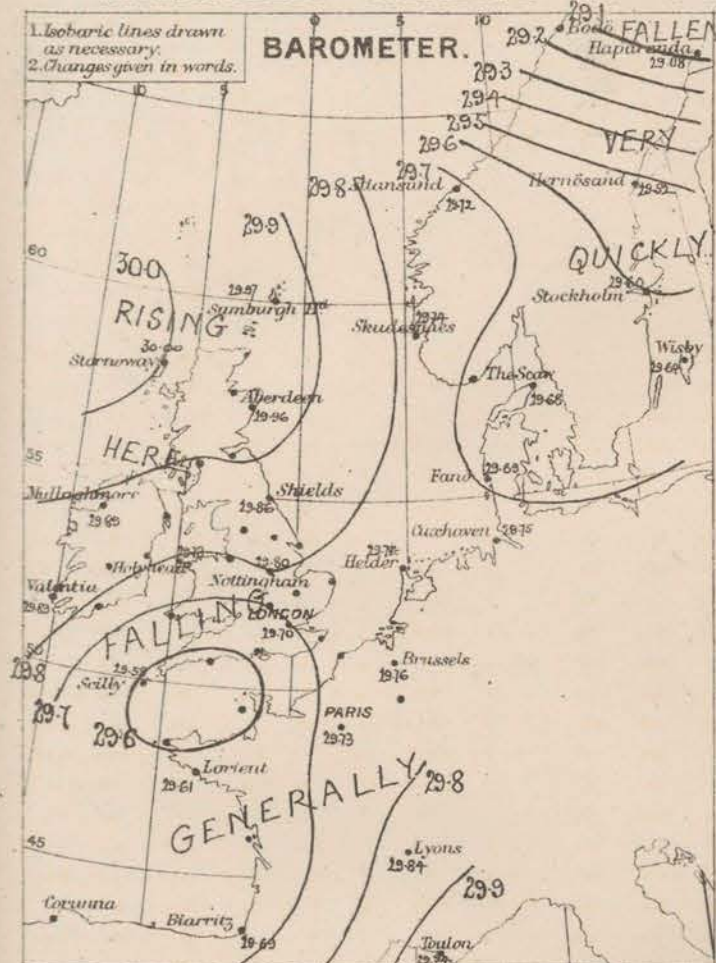
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

† These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

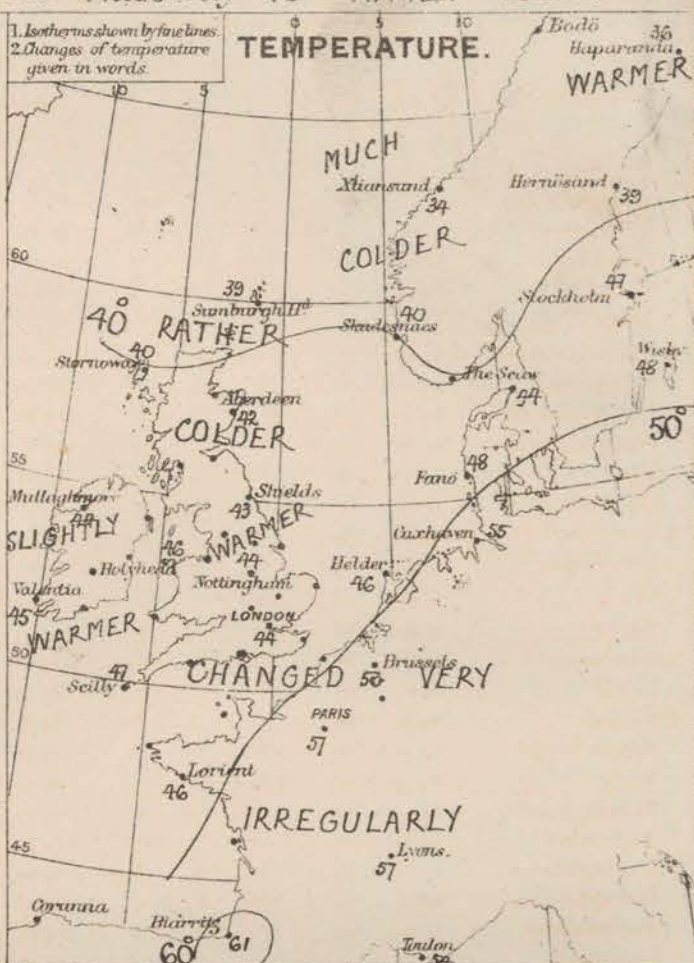
N.B.—The wind is said to "veer" when its direction changes with the sun, and to "back" when it shifts in the opposite direction.

WEATHER CHARTS *for 8 a.m. on Thursday 15TH APRIL 1880.*

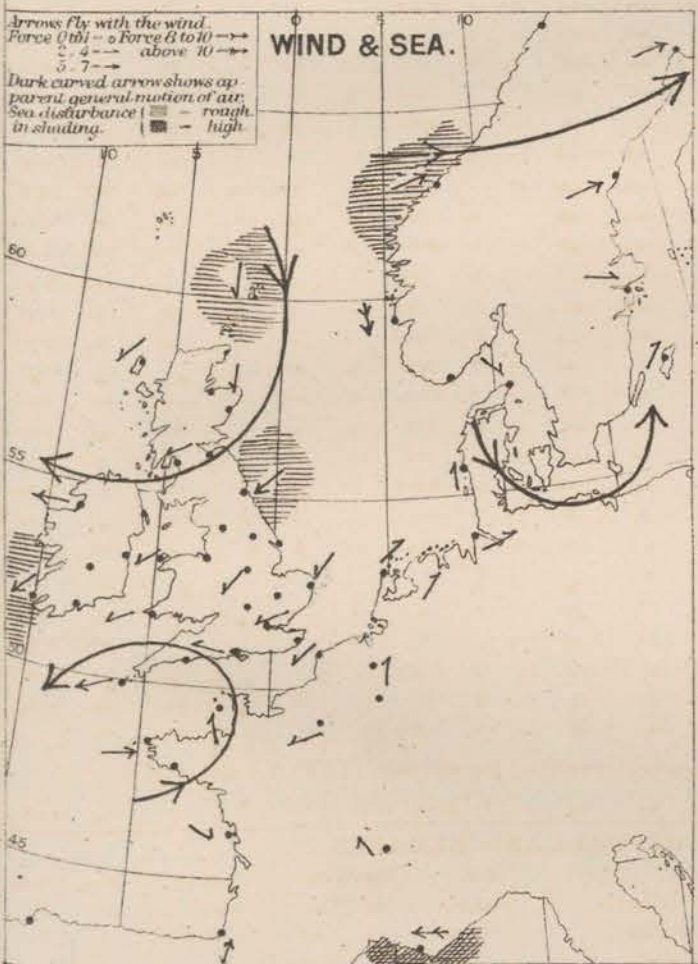
1. Isobaric lines drawn as necessary.
2. Changes given in words.



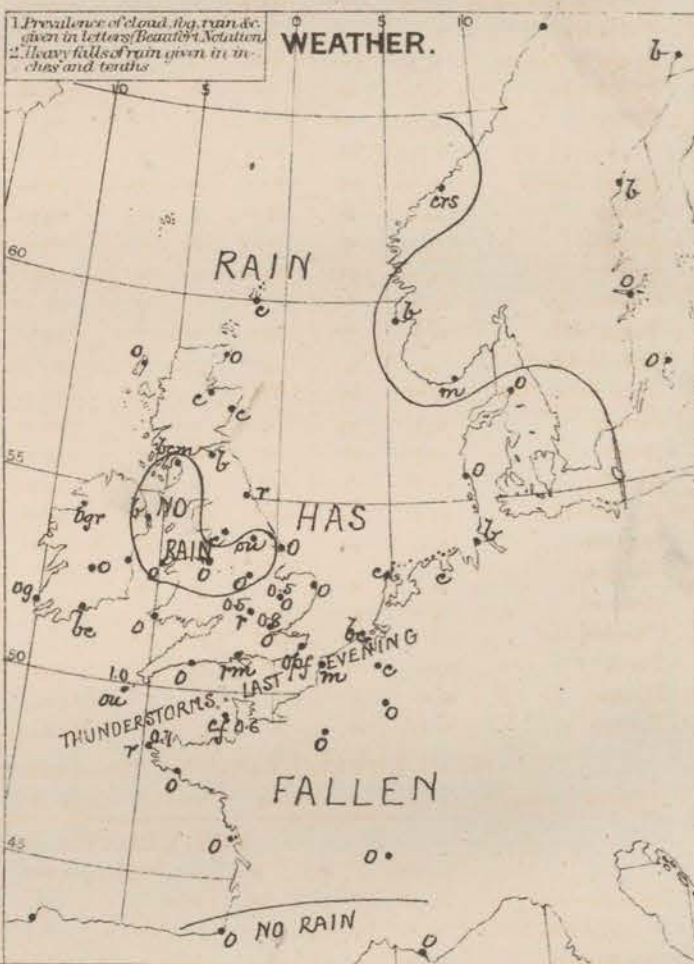
1. Isotherms shown by fine line
2. Changes of temperature given in words



Arrows fly with the wind.
Force 0 to 5 → Force 6 to 10 →
3 4 → above 10 →
5 7 →
Dark curved arrow shows ap-
parent general motion of air.
Sea disturbance () - rough
in shoaling. () - high



1. Prevalence of cloud, big rain &c.
given in letters (Beautiful Notation)
2. Heavy falls of rain given in in-
ches and tenths



REMARKS

REMARKS. The changes in pressure continue sudden and considerable. On our N^W and NW^W coasts a brisk increase has occurred, and an area of high pressure is shown to the NW^W of Scotland. On the other hand a rapid fall of the barometer has occurred over Scandinavia, a large depression is reported from Lapland, and a smaller and shallower one over Denmark and the S. of Sweden, while the depression noticed in the SW yesterday is shown this morning over the N^W half of the Channel. All over France and the Channel the mercury is falling slowly. N^W and NE winds are reported over the North Sea, and the whole of the United Kingdom, while N winds are experienced both in the W. of France and in Norway and Sweden, while light variable breezes are reported from Denmark, and S breezes from the Netherlands. On most coasts the wind is light or moderate, but at the mouth of the Dnieper, and at our stations it flows strongly. Temperature changes are in general slight, and readings remain low, ranging from 47° in the Scilly to 29° in the Shetlands. The maxima yesterday were between 48 and 55 generally. The weather is locally fine in a few places, but the sky is overcast at most stations with rain at Shields, Bedford and Hazyt Coates. Rain has fallen in most places, heavily in London and at Scilly. A thunder storm passed over the Channel last night. The sea is moderate to slight except at Valentia, Shields and Stromness.

| | |
|---|---|
| Subscription for these Charts payable in ad- vance to cover delivery. | Delivery by hand 10/- per quarter. " " " " " " " " " " " " |
|---|---|

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

R. H. SCOTT.
Secretary.

Meteorological Office.

116, Victoria Street, Westminster, S.W.

R. H. SCOTT

Secretary

DAILY WEATHER REPORT 16TH APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|----------------|---------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.29 | 28 | N | 6 | b | 29.70 | + .62 | 26 | 23 | - 10 | NNW | 2 | b | * | 37 | 18 | - | | |
| Hernösand | 29.47 | 37 | NNW | 6 | b | 29.90 | + .38 | 35 | 30 | - 4 | NNW | 4 | b | * | ? | 30 | - | | |
| Stockholm | 29.60 | 38 | WSW | 2 | b | 29.92 | + .32 | 40 | 33 | - 7 | NE | 4 | b | * | 54 | 36 | - | | |
| Wisby | 29.66 | 41 | N | 2 | b | 29.88 | + .24 | 39 | 36 | - 9 | NE | 4 | b | * | 48 | 39 | 0.04 | | |
| Bodö | | | | | | | | | | | | | | | | | | | |
| Christiansund | 29.75 | 41 | N | 6 | o | 29.86 | + .14 | 42 | 41 | + 8 | WSW | 4 | f | 5 | 42 | 28 | 0.12 | | |
| † Skudesnaes | 29.82 | 40 | NNW | 6 | o | 29.85 | + .11 | 42 | 39 | + 2 | N | 2 | e | 2 | 45 | 29 | - | | |
| Oxö (Xtiansund) | 29.72 | 46 | WNW | 2 | c | 29.87 | + .21 | 43 | 38 | + 3 | NE | 6 | bc | 2 | 48 | 36 | - | | |
| Skagen (The Skaw) | 29.75 | 41 | NNW | 2 | b | 29.94 | + .26 | 44 | 41 | - 3 | SE | 2 | f | 0 | 52 | 36 | - | | |
| Fanö | 29.83 | 41 | NNW | 1 | b | 29.88 | + .19 | 44 | 42 | - 4 | SE | 3 | b | * | 52 | 36 | - | | |
| Cuxhaven | 29.88 | 46 | ? | 2 | f | 29.86 | + .11 | 47 | 47 | - 8 | SE | 3 | o | * | 59 | 41 | - | | |
| † Sumburgh Head | 29.97 | 43 | NNW | 3 | r | 29.87 | - .10 | 44 | 42 | + 5 | NE | 3 | bc | 2 | 45 | 35 | 0.02 | | |
| † Stornoway | 29.95 | 42 | ENE | 5 | o | 29.72 | - .28 | 43 | 42 | + 3 | ESE | 6 | c | 6 | 43 | 38 | - | | |
| Wick | 29.99 | 42 | NNE | 3 | o | 29.82 | - .16 | 45 | 44 | + 5 | S | 5 | bc | 3 | 46 | 36 | 0.01 | | |
| Nairn | 29.97 | 41 | NE | 3 | o | 29.75 | - .23 | 42 | 39 | o | SE | 3 | o | 2 | 44 | 37 | - | | |
| † Aberdeen | 29.97 | 44 | NE | 3 | o | 29.80 | - .16 | 44 | 42 | + 2 | E | 5 | r | 4 | 45 | 40 | 0.01 | | |
| Leith | 29.91 | 40 | SE | 4 | c | 29.63 | - .30 | 41 | 40 | - 4 | SE | 2 | o | * | 47 | 38 | 0.23 | | |
| † Shields | 29.87 | 42 | ENE | 7 | og | 29.68 | - .18 | 42 | 42 | - 1 | SE | 6 | r | 6 | 46 | 40 | 0.17 | | |
| Spurn Head | 29.76 | 44 | ENE | 7 | c | 29.70 | - .13 | 46 | 45 | + 2 | SSE | 4 | o | 5 | 48 | 43 | 0.07 | | |
| York | 29.80 | 45 | E | 5 | o | 29.67 | - .14 | 46 | 45 | o | SSE | 2 | o | * | 51 | 41 | 0.13 | | |
| Nottingham | 29.69 | 42 | ENE | 6 | r | 29.69 | - .11 | 45 | 45 | + 5 | SSE | 3 | o | * | 47 | 40 | 0.27 | | |
| † Ardrossan | 29.85 | 44 | ENE | 4 | cm | 29.61 | - .28 | 39 | 38 | - 6 | ENE | 4 | o | 3 | 50 | 37 | 0.13 | | |
| † Mullaghmore | 29.76 | 48 | ENE | 6 | og | 29.49 | - .40 | 42 | 41 | - 2 | ESE | 6 | og | 4 | 50 | 40 | 0.28 | | |
| Donaghadee | 29.79 | 46 | E | 6 | o | 29.54 | - .33 | 43 | 42 | - 3 | E | 6 | bc | 4 | 53 | 39 | 0.39 | | |
| Parsonstown | 29.67 | 43 | NE | 3 | o | 29.44 | - .42 | 42 | 41 | - 1 | NNW | 1 | or | * | 51 | 39 | 0.56 | | |
| † Holyhead | 29.62 | 45 | ENE | 7 | oghr | 29.48 | - .30 | 45 | 43 | - 1 | SSE | 5 | c | 4 | 48 | 42 | 0.12 | | |
| Liverpool (Bidston) | 29.65 | 44 | ENE | 6 | o | 29.56 | - .22 | 47 | 44 | + 2 | ESE | 5 | bc | 1 | 49 | 41 | 0.15 | | |
| † Valentia | 29.66 | 46 | N | 4 | cf | 29.51 | - .32 | 45 | 42 | o | W | 2 | c | 3 | 53 | 41 | 0.10 | | |
| Roche's Point | 29.56 | 45 | NNE | 2 | r | 29.48 | - .27 | 43 | 41 | - 3 | W | 2 | b | 3 | 54 | 39 | 0.24 | | |
| Pembroke | 29.54 | 46 | ESE | 3 | bc | 29.53 | - .15 | 46 | 44 | + 2 | SW | 5 | b | 4 | 47 | 40 | 0.45 | | |
| † Scilly | 29.41 | 44 | SSE | 6 | ow | 29.68 | + .05 | 49 | 48 | + 2 | WSW | 6 | cf | 5 | 49 | 41 | 0.50 | | |
| Prawle Point | 29.53 | 46 | ESE | 4 | bc | 29.67 | + .14 | 44 | 44 | + 1 | SW | 4 | r | 4 | 48 | 41 | 0.7 | | |
| Hurst Castle | 29.64 | 48 | SSE | 1 | b | 29.74 | + .10 | 47 | 47 | + 1 | WSW | 5 | b | 4 | 50 | 45 | 0.09 | | |
| † Dover | 29.66 | 49 | SSW | 1 | bc | 29.78 | + .16 | 49 | 46 | + 3 | WSW | 4 | b | 3 | 51 | 45 | 0.48 | | |
| † London | 29.66 | 47 | ESE | 3 | o | 29.75 | + .05 | 48 | 45 | + 4 | S | 3 | c | * | 48 | 40 | 0.19 | | |
| Oxford | 29.63 | 46 | ENE | 2 | r | 29.71 | + .01 | 47 | 45 | + 5 | S | 4 | o | * | 47 | 40 | 0.33 | | |
| Cambridge | 29.68 | 45 | E | 1 | o | 29.73 | - .02 | 48 | 46 | + 5 | S | 1 | o | * | 48 | 40 | 0.17 | | |
| † Yarmouth | 29.72 | 43 | ENE | 5 | ry | 29.75 | .00 | 48 | 46 | + 5 | SSW | 2 | bc | 3 | 48 | 42 | 0.46 | | |
| The Helder | * | * | * | * | * | 29.79 | + .07 | 50 | 50 | + 4 | S | 2 | bc | * | * | * | * | | |
| Cape Gris Nez | 29.69 | 52 | SSW | 1 | o | 29.81 | + .10 | 47 | 45 | - 1 | SSW | 4 | bc | 2 | 64 | 45 | 0.32 | | |
| † Jersey | 29.65 | 51 | SW | 3 | bc | 29.82 | + .23 | 48 | 46 | - 1 | SW | 4 | bc | 4 | 53 | 45 | 0.02 | | |
| Brest | 29.55 | 46 | N | 5 | o | 29.82 | + .22 | 49 | 49 | + 4 | WSW | 4 | bc | 3 | ? | 45 | 0.20 | | |
| Lorient | 29.63 | 48 | WSW | 7 | c | 29.86 | + .25 | 47 | 45 | + 1 | WSW | 3 | m | 3 | 52 | 43 | 0.04 | | |
| † Rochefort | 29.76 | 52 | N | 5 | c | 29.88 | + .20 | 52 | 51 | - 2 | SW | 3 | c | 2 | 63 | 41 | 0.20 | | |
| Biarritz | 29.82 | 50 | NNW | 5 | r | 29.95 | + .26 | 48 | 46 | - 13 | S | 1 | bc | 3 | 72 | 43 | 0.24 | | |
| Corunna | * | * | * | * | * | | | | | | | | | | * | * | * | | |
| Brussels | * | * | * | * | * | 29.87 | + .11 | 52 | 48 | - 1 | SW | 3 | o | * | 71 | 52 | - | | |
| Charleville | 29.72 | 62 | S | 1 | c | 29.89 | ? | 52 | 49 | - 1 | S | 1 | bc | * | 73 | 49 | - | | |
| Paris | 29.72 | 55 | SSW | 3 | t | 29.91 | + .18 | 51 | 47 | - 6 | SE | 5 | o | * | * | * | 0.39 | | |
| Lyons | 29.73 | 47 | S | 2 | c | 29.90 | + .06 | 53 | 50 | - 4 | NNW | 1 | o | * | 68 | 44 | - | | |
| Toulon | 29.80 | 57 | E | 11 | bc | 29.79 | - .15 | 55 | 50 | + 1 | E | 11 | o | 8 | 59 | 54 | - | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-------|----|----|-----|---|---|----|---|----|----|------|
| Hawes Junction | 28.52 | 37 | ENE | 7 | o | 28.38 | - .17 | 39 | 39 | - 1 | E | 4 | ow | * | 41 | 34 | 0.11 |
|----------------|-------|----|-----|---|---|-------|-------|----|----|-----|---|---|----|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|----------------|-------|------|------|-------|------|------|---|--------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.78 | 44 | 39 | NNW | 6 | b | 4 | Valentia ... | 29.75 | 53 | 48 | N | 4 | c | 5 |
| Sumburgh Head | 29.98 | 42 | 38 | NNW | 3 | c | 2 | Scilly ... | 29.49 | 43 | 43 | S | 6 | rw | 5 |
| Stornoway ... | 30.00 | 43 | 40 | NE | 4 | b | 4 | Dover ... | 29.67 | 49 | 48 | E | 4 | bc | 3 |
| Aberdeen ... | 29.98 | 45 | 40 | NNE | 3 | c | 3 | London ... | 29.66 | 47 | 47 | E | 2 | or | * |
| Shields ... | 29.89 | 45 | 42 | ENE | 7 | og | 6 | Yarmouth ... | 29.77 | 45 | 44 | ENE | 4 | c | 3 |
| Ardrossan ... | 29.90 | 49 | 42 | ENE | 3 | bm | 2 | Jersey ... | 29.65 | 50 | 49 | WSW | 3 | c | 3 |
| Mullaghmore .. | 29.82 | 49 | 46 | NE | 5 | c | 4 | Rochefort .. | 29.75 | 51 | 49 | W | 5 | r | 2 |
| Holyhead ... | 29.72 | 48 | 45 | NE | 5 | o | 4 | | | | | | | | |

Pressure is increasing in the east, but decreasing in the south and west. The wind remains NE⁺ and E⁺ and the weather cold and cloudy in nearly all districts.

EXPLANATION OF COLUMNS.

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. dew.

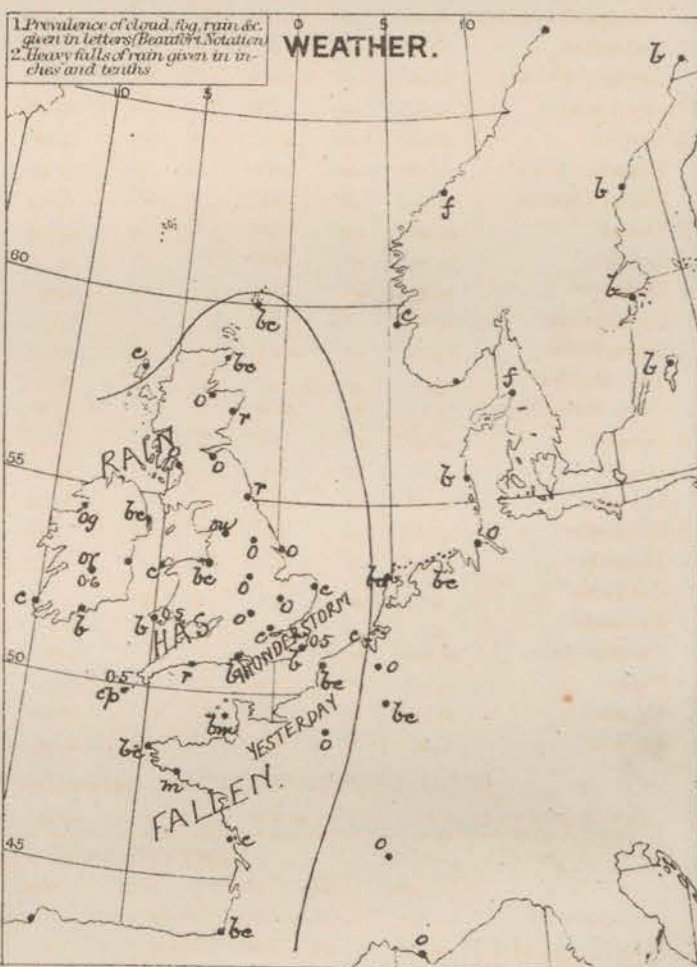
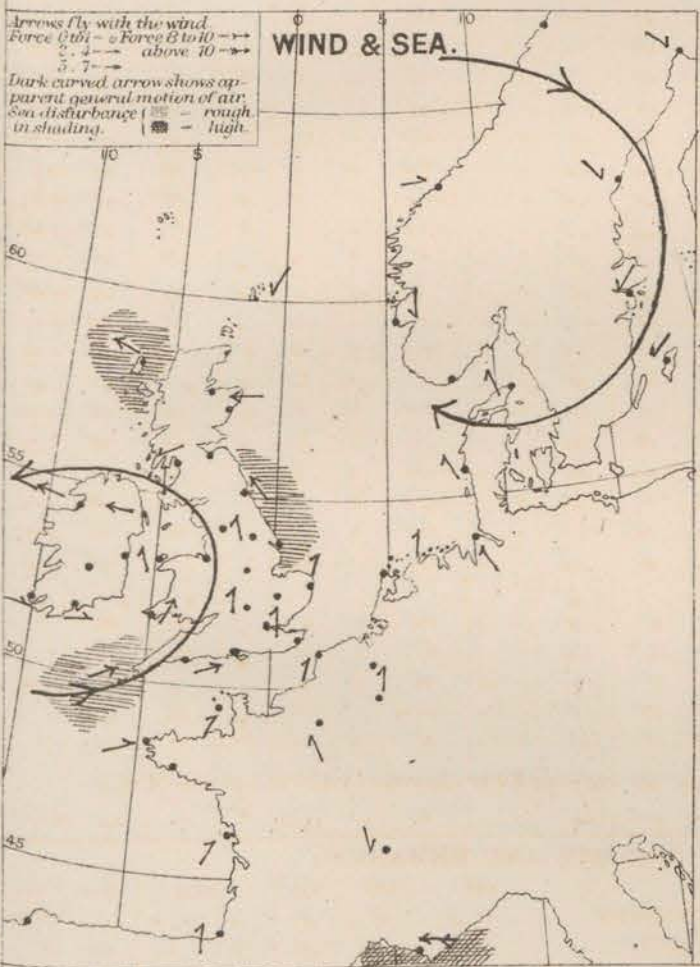
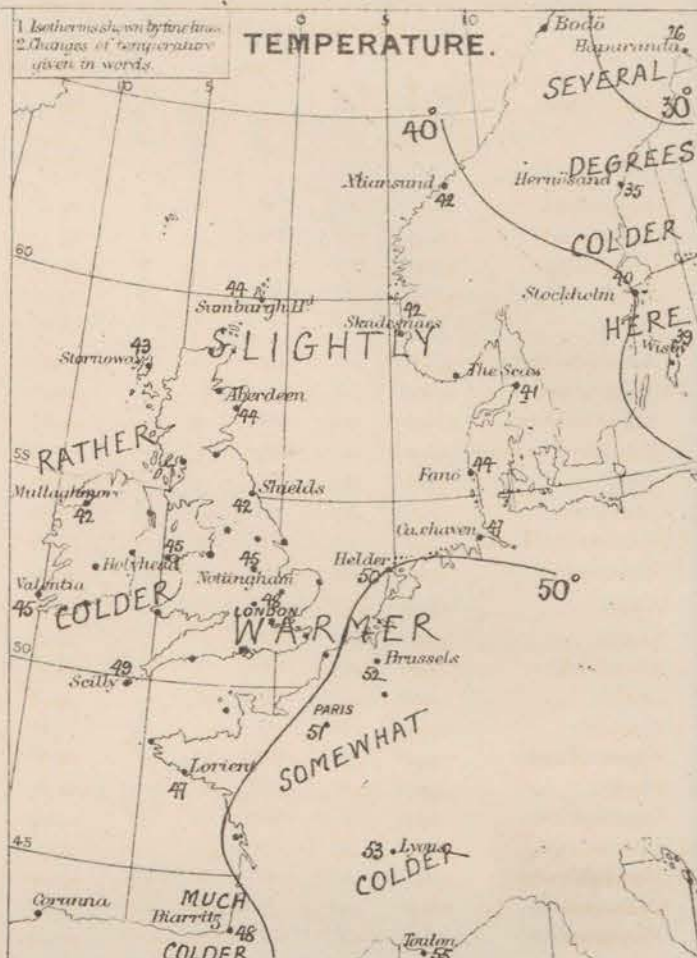
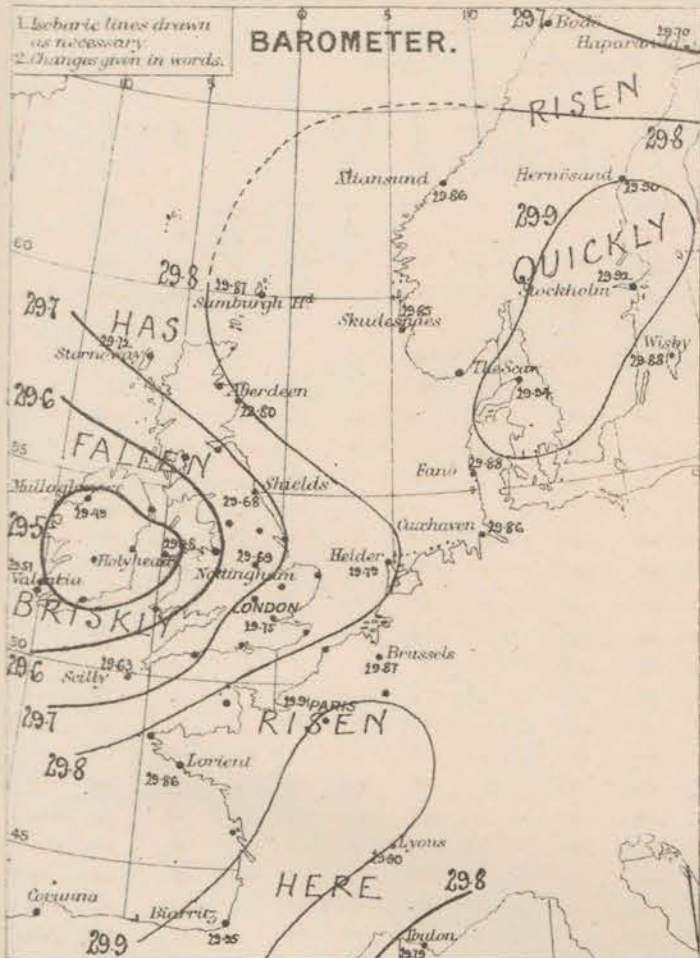
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Fri-day, 16, APRIL, 1880.



REMARKS. The depression which lay over our SW stations yesterday morning has since passed slowly N.W.^W, and its centre is shown today over Ireland and the Irish Sea. Pressure has not converged given very briskly at all our SW and N^W stations, while a recovery has taken place over France on S. and S.E. coasts and the Netherlands. At the same time the large disturbance which yesterday lay over the N. of Scandinavia has passed away, and the barometer has also risen briskly over the whole of Norway, Sweden and Denmark. The wind in our neighbourhood is governed by the depression in the W. blowing from SW over France and the Channel from S. over the S.E. of England, from S.E. over the N. of England, from E. in Scotland and the N. of Ireland, and from W. in S. Ireland. It blows strongly on our W^W and NE^E coasts, and a moderate to fresh gale was felt in the NE. and NW. last night. The weather is fine and bright over the E^E half of the Channel, the Netherlands, N. Germany and Sweden, as well as at Rock's Point and Penzance, but elsewhere the sky is cloudy or overcast, and the weather dull and rainy. Rain has fallen in all parts of our Islands, and a thunderstorm occurred in the S.E. Temperature has risen at our S^W and S.E.^E stations, fallen elsewhere. It ranges from 49° at Scilly to 39° over the Clyde. Sea is rough near the Scillies, Azores and on our NE. coasts. The N. breeze was hoisted on our NE^E and NW^W coasts last evening, but { has been lowered again this morning.

| | | | |
|---|--|---|----------------------------|
| Subscription for these charts payable in ad- vance to cover delivery. | Delivery by hand 10/- per quarter book post 3/- | Meteorological Office. 116, Victoria Street, Westminster, S.W. | R. H. SCOTT. Secretary. |
|---|--|---|----------------------------|

Meteorological Office,
116, Victoria Street; Westminster, S.W.

R. H. SCOTT.
Secretary.

Secretary.

DAILY WEATHER REPORT 17th APRIL 1880.

| † YESTERDAY EVENING. | | | | | | | | | | 8 A.M. TO DAY. | | | | | | | PAST 24 HOURS. | | | |
|----------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|------|----------|----------------|-------------------|------|---------------------|----------------|--|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | | | Force. (0 to 12). | Max. | | Min. | | | |
| Haparanda | 29.38 | 34 | SW | 2 | b | 29.54 | -.16 | 38 | 33 | + 12 | N | 2 | b | * | ? | 25 | - | | | |
| Hernösand | 29.30 | 46 | SW | 2 | b | 29.74 | -.16 | 46 | 42 | + 11 | Z | 0 | b | * | 50 | 25 | - | | | |
| Stockholm | 29.99 | 37 | SW | 6 | b | 29.93 | + .01 | 42 | 37 | + 2 | SW | 4 | o | * | 48 | 36 | - | | | |
| Wisby | 30.08 | 36 | SSE | 4 | b | 29.97 | + .09 | 42 | 37 | + 3 | WSW | 4 | b | * | 46 | 34 | - | | | |
| Bodo | 29.47 | 40 | N | 8 | o | 29.56 | | 34 | 32 | | N | 4 | o | 3 | 43 | 32 | - | | | |
| Christiansund | 29.83 | 41 | NNW | 1 | b | 29.69 | -.17 | 41 | 39 | - 1 | ESE | 1 | c | 4 | 46 | 30 | - | | | |
| † Skudesnaes | 29.77 | 47 | SE | 4 | o | 29.80 | -.05 | 42 | 42 | 0 | SSE | 6 | f | 3 | 48 | ? | - | | | |
| (Oxö) (Xönsund) | 29.90 | 44 | NE | 4 | + | 29.87 | -.01 | 42 | 42 | + 1 | SW | 2 | f | 1 | ? | 39 | 0.04 | | | |
| Skagen (The Skaw) | 29.94 | 47 | SW | 3 | o | 29.93 | -.01 | 42 | 42 | + 1 | NNW | 3 | m | 0 | 54 | 37 | 0.04 | | | |
| Fanö | 29.94 | 47 | S | 1 | o | 29.95 | + .01 | 51 | 38 | + 7 | WSW | 2 | b | * | 67 | 43 | - | | | |
| Cuxhaven | 29.97 | 53 | NNE | 3 | b | 29.99 | + .02 | 50 | 49 | + 3 | N | 1 | m | * | 61 | 45 | - | | | |
| † Sumburgh Head | 29.68 | 44 | ESE | 5 | c | 29.66 | -.02 | 45 | 43 | + 1 | S | 2 | o | 5 | 49 | 41 | 0.05 | | | |
| † Stornoway | 29.50 | 44 | ESE | 5 | o | 29.56 | -.06 | 46 | 45 | + 3 | SSE | 5 | o | 4 | 46 | 37 | 0.06 | | | |
| Wick | 29.60 | 43 | SE | 4 | o | 29.66 | -.06 | 45 | 44 | 0 | SE | 2 | b | 1 | 49 | 40 | 0.15 | | | |
| Nairn | 29.54 | 44 | SE | 2 | o | 29.65 | -.10 | 48 | 45 | + 6 | SW | 1 | c | 1 | 48 | 39 | 0.03 | | | |
| † Aberdeen | 29.60 | 44 | SSE | 3 | o | 29.78 | -.07 | 47 | 45 | + 3 | S | 1 | o | 1 | 47 | 42 | 0.37 | | | |
| Leith | 29.59 | 47 | NE | 5 | o | 29.70 | + .07 | 49 | 46 | + 8 | S | 1 | b | * | 51 | 40 | - | | | |
| † Shields | 29.64 | 47 | SW | 3 | b | 29.88 | + .12 | 46 | 44 | + 4 | SSE | 3 | c | 3 | 52 | 41 | 0.03 | | | |
| Spurn Head | 29.74 | 50 | SW | 5 | b | 29.86 | + .16 | 47 | 45 | + 1 | S | 4 | m | 5 | 55 | 40 | - | | | |
| York | 29.70 | 50 | SW | 3 | c | 29.83 | + .16 | 46 | 44 | 0 | S | 2 | b | * | 56 | 40 | 0.02 | | | |
| Nottingham | 29.78 | 50 | SW | 5 | b | 29.84 | + .05 | 52 | 47 | + 7 | S | 2 | b | * | 56 | 39 | 0.01 | | | |
| † Ardrossan | 29.52 | 47 | SW | 4 | o | 29.65 | + .04 | 48 | 46 | + 9 | SE | 3 | o | 2 | 49 | 39 | 0.03 | | | |
| † Mullaghmore | 29.46 | 49 | SW | 5 | b | 29.45 | -.01 | 45 | 45 | + 3 | N | 5 | + | 3 | 50 | 42 | 0.09 | | | |
| Donaghadee | 29.55 | 48 | SW | 4 | c | 29.61 | + .07 | 49 | 48 | + 6 | SW | 5 | o | 3 | 50 | 42 | 0.02 | | | |
| Parsonstown | 29.53 | 50 | SW | 1 | c | 29.50 | + .03 | 46 | 45 | + 4 | SW | 1 | o | * | 53 | 41 | 0.29 | | | |
| † Holyhead | 29.64 | 49 | SW | 4 | b | 29.65 | + .01 | 50 | 46 | + 5 | S | 4 | o | 3 | 51 | 45 | - | | | |
| Liverpool (Bilston) | 29.69 | 49 | SW | 2 | b | 29.74 | + .05 | 50 | 46 | + 3 | SE | 3 | b | 1 | 51 | 44 | 0.04 | | | |
| † Valentia | 29.42 | 49 | SE | 7 | mm | 29.50 | -.01 | 46 | 45 | + 1 | S | 5 | c | 2 | 51 | 43 | 0.50 | | | |
| Roche's Point | 29.55 | 50 | SW | 5 | o | 29.52 | + .04 | 46 | 45 | + 3 | N | 3 | o | 4 | 55 | 43 | 0.44 | | | |
| Pembroke | 29.79 | 47 | SW | 4 | c | 29.61 | + .08 | 48 | 48 | + 2 | SE | 6 | o | 4 | 49 | 44 | 0.01 | | | |
| † Scilly | 29.71 | 57 | S | 6 | o | 29.61 | -.02 | 47 | 47 | - 2 | SW | 6 | o | 6 | 55 | 44 | 0.22 | | | |
| Prawle Point | 29.80 | 49 | SW | 4 | b | 29.74 | + .07 | 48 | 46 | + 4 | SSE | 4 | o | 4 | 51 | 43 | 0.07 | | | |
| Hurst Castle | 29.87 | 50 | WSW | 4 | b | 29.85 | + .02 | 49 | 48 | + 2 | SSE | 3 | b | 3 | 52 | 46 | - | | | |
| † Dover | 29.90 | 49 | SW | 3 | c | 29.90 | + .12 | 53 | 48 | + 4 | WSW | 1 | b | 0 | 56 | 44 | - | | | |
| † London | 29.84 | 54 | SW | 4 | c | 29.87 | + .12 | 55 | 49 | + 7 | S | 3 | b | * | 59 | 39 | - | | | |
| Oxford | 29.88 | 51 | SW | 4 | b | 29.94 | + .03 | 49 | 45 | + 2 | S | 1 | b | * | 53 | 41 | 0.02 | | | |
| Cambridge | 29.82 | 49 | SE | 1 | b | 29.87 | + .04 | 49 | 47 | + 1 | S | 1 | o | * | 59 | 36 | - | | | |
| † Yarmouth | 29.84 | 50 | S | 3 | b | 29.91 | + .06 | 47 | 46 | - 1 | SSE | 3 | b | 2 | 52 | 43 | - | | | |
| The Helder | * | * | * | * | * | 29.96 | + .17 | 45 | 45 | - 5 | SW | 1 | b | * | * | * | * | | | |
| Cape Gris Nez | 29.92 | 51 | SW | 1 | b | 29.92 | + .11 | 50 | 46 | + 3 | SSE | 3 | b | 1 | 54 | 46 | - | | | |
| † Jersey | 29.89 | 52 | SW | 2 | b | 29.86 | + .04 | 50 | 48 | + 2 | SE | 2 | b | 2 | 55 | 45 | - | | | |
| Brest | 29.87 | 51 | SW | 5 | o | 29.78 | -.09 | 50 | 49 | + 1 | S | 7 | + | 5 | 54 | 48 | - | | | |
| Lorient | 29.88 | 52 | S | 4 | o | 29.80 | -.02 | 50 | 49 | + 3 | SSE | 5 | c | 3 | 54 | 45 | - | | | |
| † Rochefort | 29.93 | 56 | N | 3 | b | 29.85 | -.03 | 49 | 46 | - 3 | SSE | 3 | b | 2 | 64 | 43 | - | | | |
| Biarritz | 29.93 | 55 | NE | 4 | b | 29.82 | -.13 | 59 | 48 | + 11 | S | 5 | b | 2 | 59 | 45 | - | | | |
| Corunna | * | * | * | * | * | | | * | * | | | | | * | * | * | * | | | |
| Brussels | * | * | * | * | * | 29.94 | + .07 | 51 | 48 | - 1 | ESE | 2 | c | * | 58 | ? | - | | | |
| Charleville | 29.97 | 45 | NNW | 1 | b | 29.92 | + .03 | 44 | 41 | - 8 | W | 1 | b | * | 58 | 37 | - | | | |
| Paris | 29.96 | 58 | SSE | 3 | b | 29.91 | .00 | 51 | 48 | 0 | SSE | 3 | b | * | * | * | - | | | |
| Lyons | 29.90 | 58 | NNW | 1 | o | 29.90 | .00 | 53 | 50 | 0 | N | 1 | o | * | 64 | 52 | - | | | |
| Toulon | 29.82 | 56 | E | 1 | o | 29.91 | + .12 | 55 | 50 | 0 | NE | 1 | o | * | ? | 52 | - | | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-------|----|----|-----|-----|---|---|----|----|------|
| Hawes Junction | 28.42 | 42 | WSW | 4 | c | 28.53 | + .15 | 45 | 43 | + 6 | SSE | 4 | b | 50 | 36 | 0.14 |
|----------------|-------|----|-----|---|---|-------|-------|----|----|-----|-----|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. |
|-------------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 29.85 | 48 | 42 | S | 4 | b | 3 | Valentia ... | 29.50 | 50 | 46 | S | 4 | o | 4 |
| Sumburgh Head ... | 29.80 | 47 | 44 | E | 4 | c | 4 | Scilly ... | 29.70 | 52 | 50 | WSW | 6 | c | 5 |
| Stornoway ... | 29.60 | 45 | 44 | ESE | 6 | o | 6 | Dover ... | 29.87 | 56 | 54 | SW | 4 | b | 3 |
| Aberdeen ... | 29.69 | 43 | 42 | SE | 4 | + | 4 | London ... | 29.82 | 55 | 45 | SW | 3 | o | * |
| Shields ... | 29.65 | 45 | 44 | SSE | 3 | o | 5 | Yarmouth ... | 29.82 | 50 | 48 | S | 4 | c | 3 |
| Ardrossan ... | 29.54 | 48 | 46 | ENE | 4 | om | 3 | Jersey ... | 29.88 | 54 | 50 | SW | 3 | b | 3 |
| Mullaghmore ... | 29.44 | 45 | 44 | NNW | 2 | ag | 3 | Rochefort ... | 29.96 | 60 | 54 | N | 4 | c | 2 |
| Holyhead ... | 29.56 | 50 | 47 | SW | 5 | b | 4 | | | | | | | | |

The depression still moves NNW^{ad}, and now lies over N. Ireland. The wind is SW⁺ to S⁺ over Ireland and England, and temperature in the south-east has risen, the thermometer reading 56° at Dover. In the north E⁺ wind still continues and at Aberdeen temperature is only 48°.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

DAILY WEATHER REPORT 18TH APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|----------------|------|-------|-------------------|----------|----------------|-------------|------|---------------------|----|----------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | SHADE TEMP. | | WIND. | Force. (0 to 12). | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | | |
| | | | Dirac. | Force. (0 to 12). | | | Dry. | Wet. | | | | | Max. | Min. | | | | | |
| Haparanda | 29.73 | 30 | N | 2 | b | 30.02 | + .48 | 30 | 26 | — 8 | W | 2 | b | * | 41 | 16 | — | | |
| Hernösand | 29.82 | 42 | NNW | 2 | b | 30.16 | + .22 | 36 | 32 | — 10 | E | 2 | b | * | 54 | 28 | — | | |
| Stockholm | 29.91 | 42 | NNW | 2 | b | 30.13 | + .20 | 45 | 39 | + 3 | ESE | 2 | b | * | 55 | 39 | — | | |
| Wisby | 29.97 | 42 | SW | 2 | b | 30.02 | + .05 | 49 | 44 | + 7 | SE | 2 | b | * | 52 | 34 | — | | |
| Bodo | 29.84 | 31 | N | 2 | o | 29.98 | + .42 | 33 | 31 | — 1 | N | 2 | o | 1 | 34 | 30 | — | | |
| Christiansund | 29.89 | 43 | SW | 2 | o | 29.95 | + .26 | 44 | 42 | + 3 | ESE | 1 | bc | 3 | 45 | 34 | 0.08 | | |
| † Skudesnaes | 29.93 | 43 | ESE | 2 | f | 29.99 | + .19 | 45 | 42 | + 3 | ESE | 2 | o | 2 | 45 | 2 | — | | |
| Oxö (Ålansund) | 29.95 | 44 | W | 1 | m | 30.05 | + .18 | 42 | 40 | 0 | N | 1 | o | 1 | 46 | 36 | — | | |
| Skagen (The Skaw) | 29.97 | 42 | Z | 0 | b | 30.04 | + .11 | 45 | 44 | + 3 | Z | 0 | o | 0 | 50 | 37 | — | | |
| Fanö | 29.93 | 48 | NE | 2 | o | 29.92 | — .03 | 51 | 48 | 0 | ENE | 4 | e | * | 55 | 46 | 0.43 | | |
| Cuxhaven | 29.94 | 55 | NE | 2 | b | 29.89 | — .10 | 53 | 52 | + 3 | NE | 1 | m | * | 57 | 48 | — | | |
| † Sumburgh Head | 29.75 | 48 | SE | 3 | bc | 29.75 | + .09 | 48 | 46 | + 3 | S | 5 | b | 5 | 53 | 44 | — | | |
| † Stornoway | 29.55 | 49 | SSE | 3 | c | 29.49 | — .07 | 45 | 44 | — 1 | SSE | 6 | e | 5 | 51 | 40 | 0.02 | | |
| Wick | 29.68 | 47 | SE | 6 | c | 29.70 | + .04 | 47 | 44 | + 2 | SE | 6 | o | 5 | 55 | 41 | — | | |
| Nairn | 29.63 | 53 | SW | 1 | bc | 29.69 | + .04 | 46 | 42 | — 2 | SE | 2 | o | 1 | 59 | 42 | — | | |
| † Aberdeen | 29.72 | 48 | SSE | 2 | b | 29.80 | + .07 | 46 | 44 | — 1 | S | 5 | bc | 2 | 55 | 40 | — | | |
| Leith | 29.70 | 54 | SW | 2 | o | 29.76 | + .06 | 45 | 41 | — 4 | S | 1 | o | * | 55 | 38 | — | | |
| † Shields | 29.73 | 51 | SSE | 3 | o | 29.87 | + .07 | 45 | 43 | — 1 | S | 2 | bc | 3 | 59 | 40 | 0.80 | | |
| Spurn Head | 29.82 | 50 | SSE | 5 | c | 29.96 | + .10 | 49 | 46 | + 2 | ENE | 3 | bc | 3 | 52 | 41 | — | | |
| York | 29.78 | 59 | SSW | 2 | c | 29.91 | + .08 | 49 | 45 | + 3 | S | 2 | bc | * | 62 | 39 | — | | |
| Nottingham | 29.71 | 53 | SSW | 2 | o | 29.96 | + .12 | 50 | 46 | + 2 | S | 3 | e | * | 64 | 37 | — | | |
| † Ardrossan | 29.63 | 48 | S | 4 | o | 29.64 | — .01 | 47 | 44 | — 1 | SSE | 6 | og | 4 | 52 | 43 | 0.02 | | |
| † Mullaghmore | 29.55 | 50 | SSE | 6 | c | 29.26 | — .19 | 53 | 52 | + 8 | SSE | 10 | og | 6 | 54 | 36 | 0.35 | | |
| Donaghadee | 29.69 | 48 | W | 2 | bc | 29.60 | — .01 | 48 | 48 | — 1 | SSW | 8 | o | 6 | 50 | 44 | 0.21 | | |
| Parsonstown | 29.62 | 52 | S | 2 | b | 29.43 | — .07 | 52 | 50 | + 6 | SSE | 9 | o | * | 54 | 43 | 0.22 | | |
| † Holyhead | 29.75 | 48 | S | 3 | b | 29.71 | + .06 | 49 | 47 | — 1 | S | 6 | m | 4 | 53 | 46 | 0.01 | | |
| Liverpool (Bidston) | 29.76 | 50 | WSW | 3 | c | 29.82 | + .08 | 47 | 44 | — 3 | SE | 4 | o | 2 | 59 | 41 | — | | |
| † Valentia | 29.51 | 50 | SSE | 8 | c | 29.28 | — .22 | 54 | 52 | + 8 | SSE | 9 | m | 7 | 55 | 46 | 0.79 | | |
| Roche's Point | 29.60 | 48 | SSW | 6 | o | 29.49 | — .03 | 50 | 50 | + 4 | S | 8 | r | 5 | 56 | 46 | 0.76 | | |
| Pembroke | 29.79 | 49 | S | 4 | b | 29.74 | + .13 | 50 | 50 | + 2 | S | 7 | o | 6 | 50 | 45 | 0.14 | | |
| † Scilly | 29.83 | 51 | SSW | 5 | c | 29.77 | + .16 | 53 | 52 | + 6 | S | 8 | o | 6 | 56 | 46 | 0.03 | | |
| Prawle Point | 29.87 | 48 | SW | 4 | b | 29.90 | + .16 | 49 | 48 | + 1 | S | 6 | o | 5 | 51 | 44 | 0.05 | | |
| Hurst Castle | 29.88 | 48 | W | 2 | c | 30.02 | + .17 | 49 | 48 | 0 | SW | 5 | b | 4 | 50 | 47 | — | | |
| † Dover | 29.88 | 52 | ESE | 1 | b | 30.07 | + .17 | 48 | 46 | — 5 | SW | 3 | cf | 2 | 58 | 45 | — | | |
| † London | 29.86 | 59 | S | 2 | c | 30.04 | + .17 | 50 | 50 | + 1 | S | 4 | c | * | 64 | 40 | — | | |
| Oxford | 29.87 | 53 | SSW | 1 | o | 29.99 | + .15 | 49 | 46 | 0 | S | 2 | b | * | 61 | 39 | — | | |
| Cambridge | 29.84 | 56 | WSW | 1 | o | 30.03 | + .16 | 48 | 46 | — 1 | S | 1 | b | * | 64 | 39 | — | | |
| † Yarmouth | 29.89 | 48 | SSE | 1 | bc | 30.02 | + .11 | 52 | 48 | + 5 | WSW | 1 | b | 2 | 52 | 44 | — | | |
| The Helder | * | * | * | * | * | 30.02 | + .06 | 46 | 45 | + 1 | NNW | 1 | b | * | * | * | * | | |
| Cape Gris Nez | 29.89 | 50 | NE | 1 | m | 30.08 | + .16 | 47 | 46 | — 3 | W | 3 | b | 2 | 59 | 46 | — | | |
| † Jersey | 29.94 | 50 | W | 2 | a | 30.08 | + .22 | 49 | 48 | — 1 | SSW | 4 | bm | 4 | 56 | 45 | 0.07 | | |
| Brest | 29.93 | 51 | SSW | 3 | b | 30.02 | + .29 | 51 | 50 | + 1 | SSW | 5 | o | 4 | 54 | 48 | 0.28 | | |
| Lorient. | 29.96 | 52 | W | 5 | b | 30.06 | + .26 | 51 | 49 | + 1 | SSW | 7 | bc | 4 | 55 | 46 | 0.12 | | |
| † Rochefort | 29.98 | 55 | NNW | 5 | c | 30.16 | + .31 | 50 | 48 | + 1 | SSE | 3 | bc | 2 | 66 | 41 | — | | |
| Biarritz | 30.10 | 54 | NNW | 4 | c | 30.17 | + .35 | 48 | 45 | — 11 | E | 4 | b | 5 | 63 | 41 | 0.08 | | |
| Corunna | * | * | * | * | * | 29.96 | 55 | * | * | 5 | 4 | c | 4 | * | * | * | * | | |
| Brussels | * | * | * | * | * | 30.06 | + .12 | 51 | 50 | 0 | WSW | 1 | c | * | 58 | 47 | 0.16 | | |
| Charleville | ? | 58 | NE | 1 | o | ? | ? | 49 | ? | + 5 | NNW | 1 | c | * | ? | ? | ? | | |
| Paris | 29.89 | 60 | SE | 3 | b | 30.15 | + .24 | 51 | 46 | 0 | SSW | 1 | b | * | * | * | — | | |
| Lyons | 29.90 | 54 | E | 1 | r | 30.14 | + .24 | 52 | 49 | — 1 | NN | 1 | o | * | 67 | 50 | 0.39 | | |
| Toulon | 29.97 | 54 | W | 5 | b | 30.02 | + .11 | 52 | 50 | — 3 | NN | 5 | b | 2 | 61 | 48 | ? | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|------|----|---|---|---|-------|-------|----|----|-----|---|---|---|---|----|----|---|
| Hawes Junction | 28.2 | 50 | S | 4 | o | 28.60 | + .07 | 44 | 40 | — 1 | S | 4 | o | * | 56 | 34 | — |
|----------------|------|----|---|---|---|-------|-------|----|----|-----|---|---|---|---|----|----|---|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

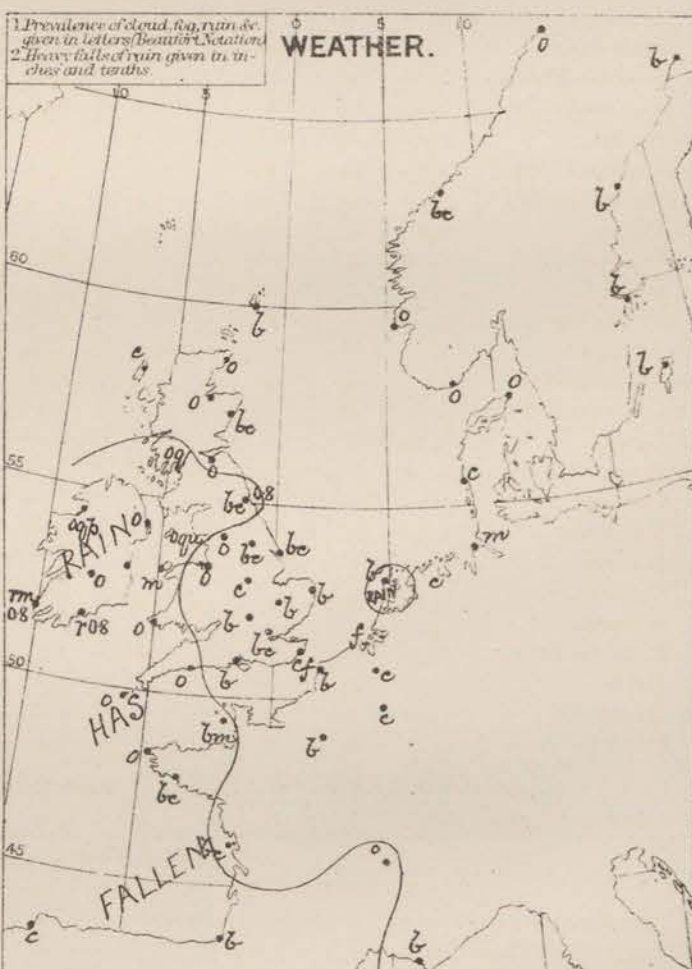
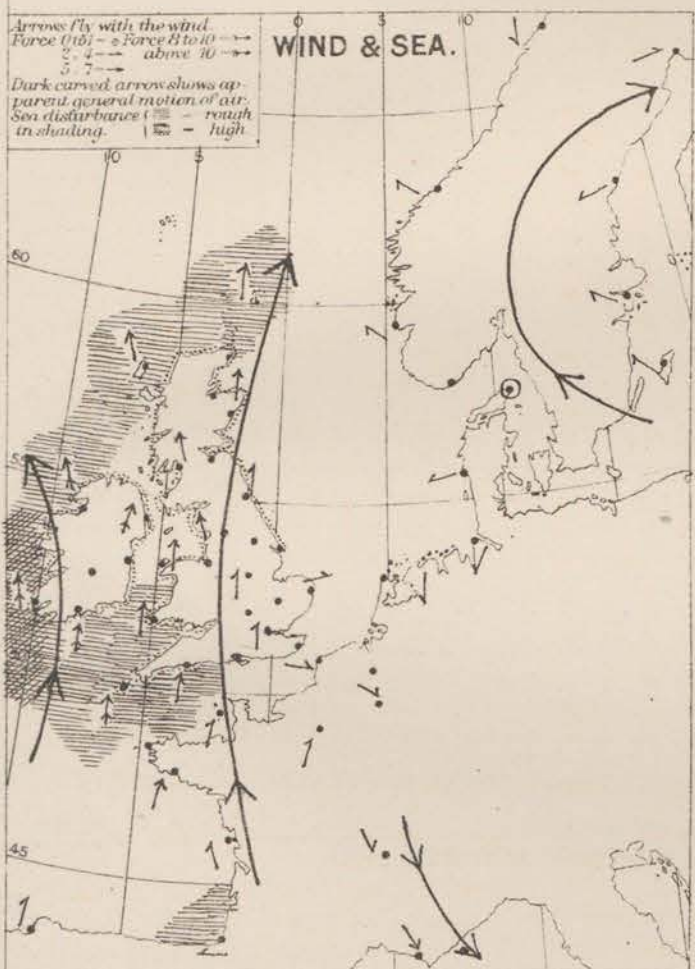
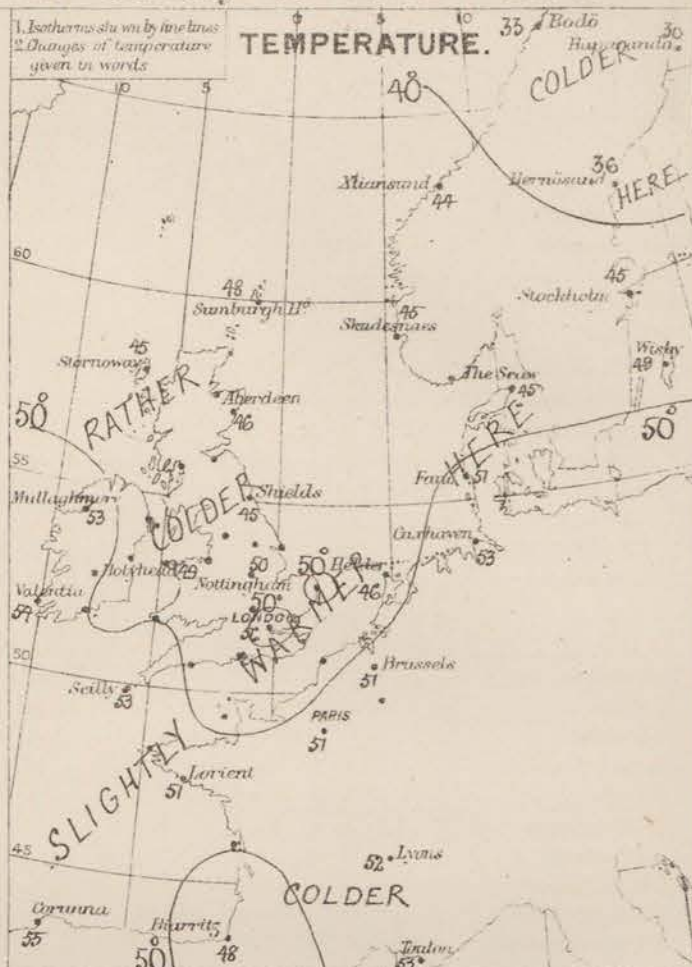
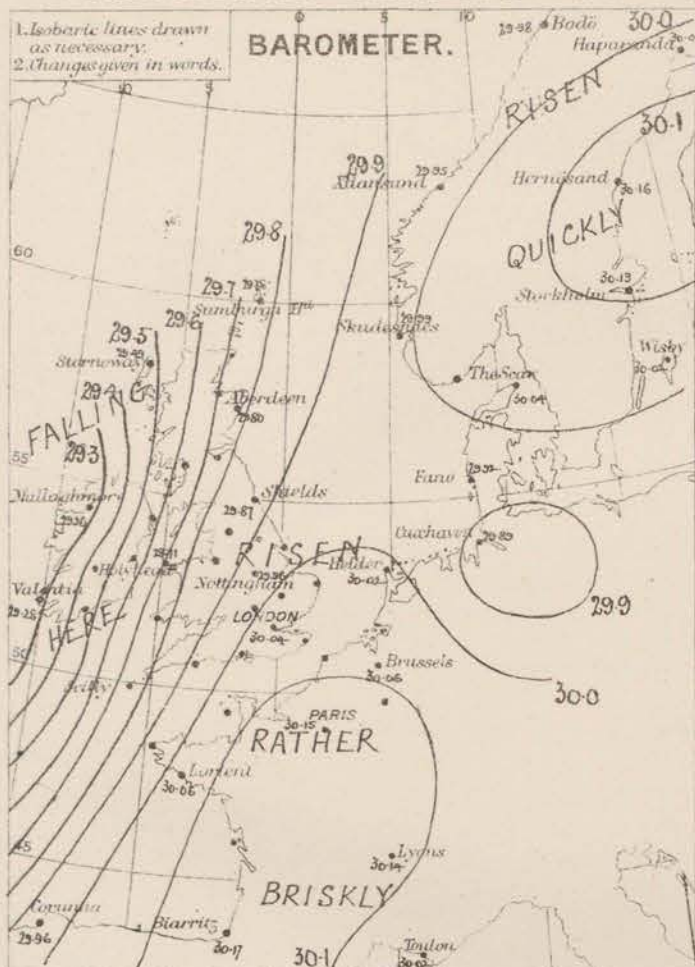
| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 29.90 | 45 | 43 | S | 4 | f | 3 | Valentia ... | 29.34 | 53 | 47 | S | 6 | bc | 6 |
| Sumburgh Head | 29.74 | 51 | 49 | S | 3 | b | 3 | Scilly ... | 29.74 | 54 | 51 | SW | 6 | bc | 6 |
| Stornoway ... | 29.59 | 50 | 48 | NE | 4 | c | 4 | Dover ... | 29.88 | 57 | 52 | SW | 1 | b | 0 |
| Aberdeen ... | 29.74 | 53 | 50 | S | 3 | b | 2 | London ... | 29.84 | 61 | 52 | SSE | 3 | bc | * |
| Shields ... | 29.75 | 56 | 49 | SW | 6 | c | 3 | Yarmouth ... | 29.90 | 51 | 48 | SSE | 3 | bc | 2 |
| Ardrossan ... | 29.64 | 52 | 47 | SSE | 3 | o | 3 | Jersey ... | 29.86 | 53 | 50 | SW | 2 | ogm | 2 |
| Mullaghmore ... | 29.52 | 50 | 46 | SW | 2 | og | 2 | Rochefort ... | 29.91 | 64 | 56 | NNW | 4 | c | 2 |
| Holyhead ... | 29.65 | 52 | 49 | S | 5 | r | 4 | | | | | | | | |

Time weather prevails at all our more S and SE stations, as well as in the E of Scotland, while warm S³ breezes are reported over the whole country. Temperature range from 61° in London to 50° at Mullaghmore and Stornoway.

EXPLANATION OF COLUMNS.

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. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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.

WEATHER CHARTS for 8 a.m. on Sunday 18th APRIL 1880.



Isobaric lines have been drawn where the signs are up -

REMARKS.

Weather is exceedingly fine in the SE and E of the British Isles, but at all our own W and NW stations the sky is overcast and over inland rain is falling. During the past 24 hours rain has fallen all along our W coast, heavily in the S of Ireland. The wind is S all over the country, and though light in the E and N increases considerably in force at all the W stations, reaching the force of a fresh to hard gale in Ireland. All along our W coast the wind has been strong all night, and the gale sprang up in different places between the hours of 10 last evening, and 6 this morning. Temperature has risen in most places, and ranges from 45° in the NE to 54° in the SW, and 56° in London. During yesterday the thermometer rose to 64° in London, and at Cambridge. The barometer is rising in the E, but is decreasing briskly in the W, and a large and important depression is shown over our W coast. The sea is high at Valencia, rough in the W, and N, moderate in most other places. The South Sea is flying over our SW, W, N, and NE coasts.

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Delivery by hand 10/- per quarter book post 5/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

19th APRIL

1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|---|--------------------|-------|----------------------|----------|---|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|------|---------------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.99 | 25 | S | 2 | b | 29.98 | - .04 | 30 | 27 | 0 | N | 2 | b | * | 36 | 18.0 | - | | |
| Hernösand | 30.03 | 35 | L | 0 | o | 29.98 | - .18 | 41 | 38 | + .5 | N | 2 | c | * | 45 | 25 | - | | |
| Stockholm | 30.14 | 47 | SW | 2 | o | 30.08 | - .05 | 48 | 42 | + .3 | SW | 2 | o | * | 54 | 36 | - | | |
| Wisby | 30.03 | 42 | SE | 2 | r | 29.98 | - .04 | 43 | 41 | - .6 | SSE | 4 | c | * | 55 | 36 | 0.20 | | |
| Bodö | 29.93 | 33 | E | 2 | o | 29.88 | - .10 | 35 | 31 | + .2 | E | 2 | c | 1 | ? | 32 | - | | |
| Christiansund | 29.92 | 47 | SE | 1 | b | 29.82 | - .13 | 48 | 43 | + .4 | SE | 1 | m | 2 | 54 | 39 | - | | |
| † Skudesnaes | 29.99 | 44 | SSE | 6 | b | 29.90 | - .09 | 46 | 43 | + .1 | SE | 6 | o | 4 | 50 | ? | - | | |
| Oxö (Xtiansund) | 30.06 | 40 | NNE | 1 | f | 30.07 | + .02 | 38 | 37 | - .4 | N | 2 | f | 1 | 45 | 36 | - | | |
| Skagen (The Skaw) | 30.04 | 44 | ESE | 2 | o | 30.04 | 00 | 46 | 44 | + .1 | L | 0 | c | 0 | 46 | 39 | 0.28 | | |
| Fanö | 30.05 | 45 | NNW | 1 | b | 30.07 | + .15 | 36 | 49 | + .3 | SW | 1 | b | * | 59 | 41 | - | | |
| Cuxhaven | 30.12 | 52 | NW | 3 | b | 30.13 | + .24 | 51 | 50 | - .2 | WSW | 1 | b | * | 54 | 43 | - | | |
| † Sumburgh Head | 29.66 | 47 | SSE | 6 | o | 29.59 | - .16 | 48 | 47 | 0 | SSW | 4 | m | 5 | 52 | 46 | 0.01 | | |
| † Stornoway | 29.34 | 48 | SW | 7 | r | 29.45 | - .04 | 50 | 49 | + .5 | SSW | 7 | b | 6 | 50 | 45 | 0.10 | | |
| Wick | 29.55 | 48 | SSE | 6 | o | 29.59 | - .11 | 51 | 47 | + .4 | S | 3 | b | 2 | 51 | 40 | - | | |
| Nairn | 29.51 | 56 | S | 4 | c | 29.54 | - .15 | 50 | 46 | + .4 | S | 3 | b | 2 | 56 | 45 | 0.03 | | |
| † Aberdeen | 29.68 | 48 | SSE | 7 | o | 29.66 | - .14 | 50 | 48 | + .4 | S | 3 | o | 2 | 50 | 46 | - | | |
| Leith | 29.65 | 54 | SSW | 5 | o | 29.64 | - .12 | 51 | 48 | + .6 | SW | 1 | o | * | 56 | 39 | - | | |
| † Shields | 29.78 | 56 | S | 7 | c | 29.75 | - .12 | 54 | 50 | + .9 | SSW | 6 | o | 3 | 56 | 45 | - | | |
| Spurn Head | 29.92 | 54 | SSW | 5 | c | 29.88 | - .08 | 52 | 49 | + .3 | S | 5 | b | 4 | 59 | 49 | - | | |
| York | 29.88 | 55 | S | 3 | o | 29.82 | - .09 | 55 | 50 | + .6 | S | 4 | o | * | 60 | 47 | - | | |
| Nottingham | 29.93 | 56 | S | 4 | o | 29.88 | - .08 | 57 | 51 | + .7 | S | 6 | o | * | 62 | 50 | - | | |
| † Ardrossan | 29.56 | 50 | S | 7 | r | 29.62 | - .02 | 49 | 47 | + .2 | S | 3 | o | 3 | 51 | 46 | 0.18 | | |
| † Mullaghmore | 29.36 | 53 | SW | 8 | o | 29.48 | + .22 | 49 | 49 | - .4 | S | 4 | rg | 4 | 57 | 49 | 0.26 | | |
| Donaghadee | 29.56 | 51 | SSW | 8 | o | 29.62 | + .02 | 49 | 49 | + .1 | SSW | 4 | o | 2 | 51 | 44 | 0.94 | | |
| Parsonstown | 29.50 | 49 | S | 1 | o | 29.56 | + .13 | 51 | 49 | + .1 | SSE | 1 | o | * | 55 | 46 | 0.10 | | |
| † Holyhead | 29.69 | 52 | SSW | 6 | m | 29.69 | - .02 | 49 | 48 | 0 | SSW | 2 | d | 2 | 52 | 49 | 0.32 | | |
| Liverpool (Blisdon) | 29.75 | 55 | SSE | 5 | o | 29.74 | - .05 | 52 | 50 | + .5 | SSE | 4 | o | 1 | 57 | 47 | 0.08 | | |
| † Valentia | 29.43 | 53 | S | 8 | c | 29.49 | + .24 | 53 | 46 | - .4 | S | 7 | cm | 7 | 55 | 48 | 0.46 | | |
| Roche's Point | 29.47 | 50 | SW | 5 | o | 29.58 | + .09 | 51 | 49 | + .1 | SW | 5 | c | 4 | 57 | 45 | 0.23 | | |
| Pembroke | 29.75 | 51 | S | 7 | o | 29.73 | - .01 | 48 | 48 | - .2 | SSW | 3 | o | 4 | 52 | 47 | 0.37 | | |
| † Scilly | 29.78 | 53 | S | 9 | o | 29.76 | - .01 | 53 | 53 | 0 | SSW | 5 | c | 6 | 55 | 48 | 0.73 | | |
| Prawle Point | 29.94 | 50 | S | 6 | o | 29.87 | - .03 | 49 | 48 | 0 | S | 6 | o | 5 | 53 | 47 | - | | |
| Hurst Castle | 30.02 | 53 | SW | 6 | o | 29.94 | - .08 | 52 | 50 | + .3 | SW | 7 | c | 5 | 54 | 49 | - | | |
| † Dover | 30.09 | 51 | L | 0 | b | 30.03 | - .04 | 54 | 49 | + .6 | WSW | 2 | b | 1 | 54 | 47 | - | | |
| † London | 30.04 | 57 | SSW | 4 | b | 29.98 | - .06 | 59 | 51 | + .3 | S | 4 | b | * | 61 | 49 | - | | |
| Oxford | 29.98 | 55 | S | 5 | o | 29.91 | - .06 | 58 | 49 | + .6 | S | 4 | og | * | 62 | 49 | - | | |
| Cambridge | 29.99 | 56 | S | 2 | o | 29.93 | - .10 | 57 | 52 | + .9 | S | 1 | b | * | 65 | 46 | - | | |
| † Yarmouth | 30.02 | 52 | S | 3 | b | 30.01 | - .01 | 51 | 49 | - .1 | S | 3 | b | 3 | 56 | 48 | - | | |
| The Helder | * | * | * | * | * | 30.09 | + .07 | 49 | 47 | + .3 | S | 1 | c | * | * | * | * | | |
| Cape Gris Nez | 30.11 | 55 | SW | 3 | b | 30.06 | - .02 | 53 | 47 | + .6 | S | 4 | b | 2 | 57 | 46 | - | | |
| † Jersey | 30.09 | 53 | SSW | 3 | c | 30.00 | - .08 | 51 | 48 | + .2 | SSE | 4 | cm | 4 | 56 | 48 | - | | |
| Brest | 30.02 | 52 | S | 8 | o | 29.88 | - .14 | 51 | 50 | 0 | SSW | 7 | r | 6 | 55 | 46 | 0.08 | | |
| Lorient | 30.08 | 53 | SSW | 5 | o | 29.95 | - .11 | 53 | 50 | + .2 | S | 7 | c | 5 | 55 | 48 | - | | |
| † Rochefort | 30.14 | 59 | SW | 3 | b | 30.00 | - .16 | 51 | 49 | + .1 | SE | 5 | b | 2 | 70 | 41 | - | | |
| Biarritz | 30.08 | 70 | E | 4 | b | 29.99 | - .18 | 59 | 51 | + .11 | S | 3 | b | 4 | 72 | 43 | - | | |
| Coranna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels | * | * | * | * | * | 30.13 | + .07 | 55 | 49 | + .4 | S | 1 | b | * | 61 | 45 | - | | |
| Charleville | * | 58 | W | 1 | b | ? | ? | 40 | 38 | - .9 | ESE | 1 | b | * | 63 | 32 | - | | |
| Paris | 30.15 | 60 | WSW | 1 | b | 30.12 | - .03 | 55 | 50 | + .4 | SE | 3 | b | * | * | * | - | | |
| Lyons | 30.16 | 59 | SW | 1 | b | 30.16 | + .02 | 50 | 48 | - .2 | SE | 1 | f | * | 63 | 40 | - | | |
| Toulon | 30.08 | 60 | W | 5 | b | 30.13 | + .11 | 57 | 50 | + .5 | W | 2 | b | 1 | 66 | 52 | - | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|----|----|---|---|----|---|----|----|---|
| Hawes Junction | 28.56 | 50 | S | 6 | o | 28.50 | 48 | 47 | E | 7 | rw | * | 51 | 43 | — |
|----------------|-------|----|---|---|---|-------|----|----|---|---|----|---|----|----|---|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

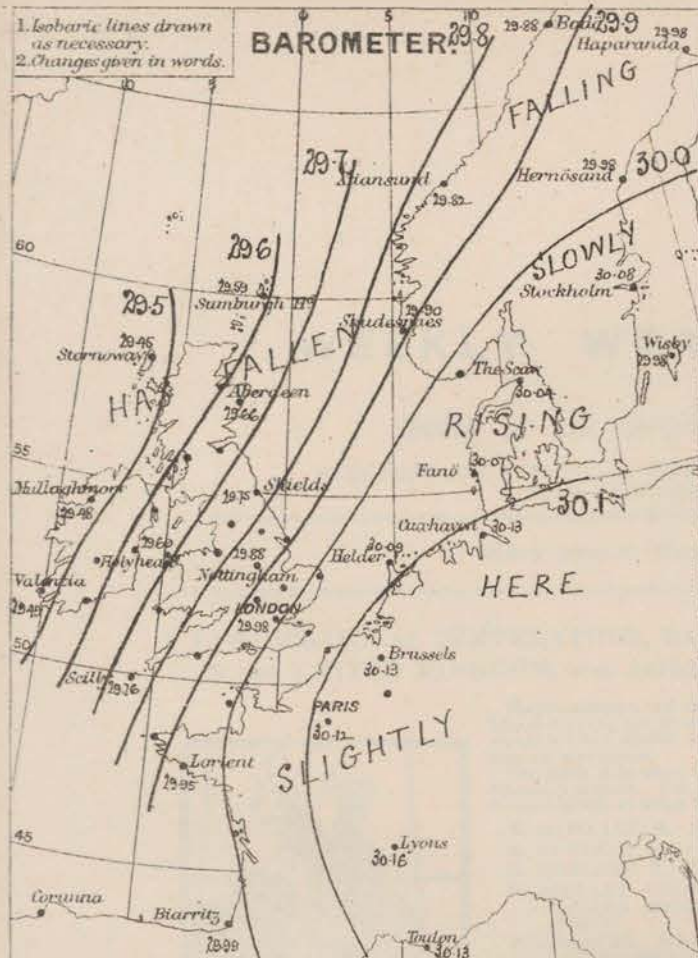
| Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. |
|---------------|-------|------|-------|------|------|------|------|-----------|-------|------|------|
| Skudesnaes | 30.00 | 49 | 44 | SSW | 5 | b | 3 | Valentia | | | |
| Sumburgh Head | | | | | | | | Scilly | | | |
| Stornoway | | | | | | | | Dover | | | |
| Aberdeen | | | | | | | | London | | | * |
| Shields | | | | | | | | Yarmouth | | | |
| Ardrossan | | | | | | | | Jersey | | | |
| Mullaghmore | | | | | | | | Rochefort | 30.19 | 64 | 55 |
| Holyhead | | | | | | | | | | | |

EXPLANATION OF COLUMNS.

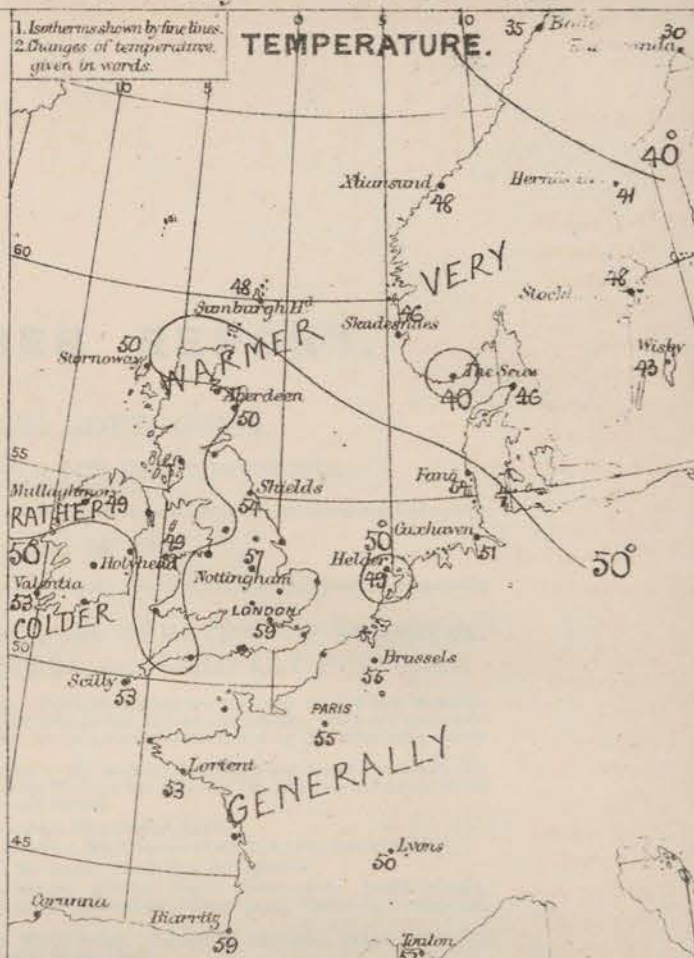
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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.

WEATHER CHARTS for 3 a.m. on Monday 19TH APRIL 1880.

1. Isobaric lines drawn as necessary.
2. Changes given in words



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



Arrows fly with the wind.
Force 6 to 8 → Force 8 to 10 →
2, 4 → above 10 →
5, 7 →
Dark curved arrow shows ap-
parent general motion of air.
Sea disturbance: [] - rough
in shoaling. [] - high



1. Prevalence of cloud, fog, rain &c.
given in letters, Beaufort's Notation.
2. Heavy falls of rain given in in-
ches and tenths.



A dotted line is drawn where the signals are not sent

REMARKS. During the past 24 hours a large and important depression has passed in a NNE^d direction over or just outside our W^c coasts, occasioning S^e gales and rain over our W^c districts. This depression has now passed away and the barometer, during the past night has risen over Ireland and the W. of Scotland, as well as in N. Germany, but elsewhere the mercury has fallen. At Valencia a fresh fall has apparently commenced, and it is probable that a new disturbance will appear. Readings are highest over Central Europe, and lowest off our W^c coasts. Wind is E all over the United Kingdom, and though light in force in the SE, blows strongly with the force of a moderate gale at many W^c and SW^c ports. Temperature has risen considerably over Central and SE England, but has not changed much elsewhere. Readings range from 48° in the Shetlands to 59° in London, and during yesterday the thermometer rose to 61° in London and 65° at Cambridge. Weather is exceedingly fine over the SE. of England, the N. of Scotland, N. Germany, and the greater part of France, dull elsewhere with rain in the NW. Rain has fallen at all our W^c stations. Sea is high at Valencia, rough in the SW and N. The South Sea is flying over our SW, W, N & NE coasts.

| | |
|---|---|
| Subscription for these charts payable in ad- vance to cover delivery. | { Delivery by hand 10/- per quarter. book post 6/- " " |
|---|---|

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

R. H. SCOTT.
Secretary.

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Secretary

DAILY WEATHER REPORT 20th APRIL 1880.

| + YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | PAST 24 HOURS. | | | | |
|----------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|
| PLACES. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | |
| Aparanda | 29.74 | 28 | N | 2 | b | 29.92 | - .06 | 27 | 26 | - 3 | S | 2 | 0 | * | 39 | 18 | - | |
| Agnosand | 29.92 | 36 | NE | 4 | o | 29.87 | - .11 | 39 | 37 | - 2 | Z | 0 | 0 | * | 52 | 25 | - | |
| Akholm | 29.99 | 41 | WSW | 2 | b | 29.93 | - .15 | 51 | 47 | + 3 | WSW | 2 | 0 | * | 55 | 37 | - | |
| Århus | 30.00 | 41 | SSE | 2 | b | 29.99 | + .01 | 44 | 43 | + 1 | N | 2 | 0 | * | 50 | 39 | - | |
| Århus | 29.75 | 37 | E | 2 | o | 29.70 | - .18 | 36 | 35 | + 1 | E | 2 | 0 | 1 | 37 | 32 | - | |
| Astumsund | 29.77 | 45 | WSW | 1 | f | 29.75 | - .07 | 48 | 46 | 0 | SSE | 1 | 0 | 3 | 55 | 39 | - | |
| Astuaes | 29.89 | 46 | SSE | 8 | o | 29.84 | - .06 | 47 | 46 | + 1 | SE | 6 | 0 | 4 | ? | 46 | - | |
| (Åstuaes) | 30.00 | 45 | S | 2 | o | 29.99 | - .08 | 41 | 41 | + 3 | N | 1 | m | 1 | 50 | ? | - | |
| Åger (The Skaw) | 30.04 | 46 | S | 2 | c | 30.00 | - .04 | 49 | 47 | + 3 | SW | 2 | 0 | 1 | 55 | 43 | - | |
| Åger | 30.07 | 50 | S | 2 | b | 29.94 | - .13 | 54 | 50 | 0 | SSE | 4 | 0 | * | 55 | 45 | - | |
| Åhaven | ? | 57 | ? | 1 | b | 29.96 | - .17 | 55 | 53 | + 4 | SE | 1 | m | * | 57 | 46 | - | |
| Åburgh Head | 29.58 | 47 | SSW | 3 | m | 29.61 | + .02 | 48 | 47 | 0 | SSW | 4 | 0 | 4 | 58 | 42 | 0.02 | |
| Årness | 29.45 | 50 | S | 6 | o | 29.47 | + .02 | 48 | 47 | - 2 | S | 7 | 0 | 6 | 61 | 45 | - | |
| Årness | 29.57 | 53 | SW | 3 | b | 29.60 | + .01 | 50 | 47 | - 1 | S | 3 | 0 | 2 | 56 | 45 | - | |
| Årness | 29.56 | 56 | S | 2 | c | 29.59 | + .05 | 52 | 47 | + 2 | SSW | 1 | 0 | 0 | 59 | 46 | - | |
| Årness | 29.65 | 51 | S | 3 | b | 29.67 | + .01 | 54 | 48 | 0 | S | 3 | 0 | 2 | 53 | 46 | - | |
| Årness | 29.65 | 56 | SW | 4 | b | 29.70 | + .06 | 52 | 50 | + 1 | SW | 1 | 0 | * | 58 | 42 | 0.05 | |
| Årness | 29.72 | 57 | SW | 6 | c | 29.75 | 00 | 50 | 48 | - 4 | Z | 0 | 0 | 2 | 59 | 46 | - | |
| Årness | 29.80 | 56 | WSW | 1 | c | 29.78 | - .10 | 48 | 47 | - 4 | SW | 1 | 0 | 1 | 61 | 47 | 0.37 | |
| Årness | 29.78 | 57 | S | 3 | c | 29.78 | - .04 | 49 | 48 | - 6 | SW | 1 | 0 | * | 63 | 47 | 0.03 | |
| Årness | 29.83 | 57 | SSW | 3 | c | 29.82 | - .06 | 50 | 50 | - 5 | SW | 1 | 0 | * | 65 | 48 | 0.02 | |
| Årness | 29.62 | 50 | SSW | 4 | c | 29.70 | + .08 | 54 | 47 | - 1 | SSW | 2 | 0 | 2 | 62 | 46 | 0.08 | |
| Årness | 29.49 | 55 | SW | 6 | b | 29.67 | + .19 | 47 | 46 | - 2 | SW | 5 | 0 | 5 | 57 | 45 | 0.07 | |
| Årness | 29.62 | 49 | N | 4 | b | 29.73 | + .11 | 50 | 49 | + 1 | SSW | 3 | 0 | 0 | 53 | 43 | 0.04 | |
| Årness | 29.59 | 53 | S | 2 | o | 29.80 | + .24 | 49 | 47 | - 2 | SSW | 2 | 0 | * | 59 | 41 | 0.47 | |
| Årness | 29.72 | 51 | SSW | 5 | c | 29.77 | + .08 | 50 | 48 | + 1 | SSW | 3 | 0 | 3 | 55 | 47 | 0.06 | |
| Årness | 29.74 | 52 | SW | 2 | b | 29.78 | + .04 | 51 | 48 | - 1 | SW | 1 | 0 | 1 | 62 | 45 | - | |
| Årness | 29.58 | 51 | SW | 6 | c | 29.86 | + .37 | 51 | 49 | - 2 | WSW | 3 | 0 | 5 | 55 | 45 | 0.17 | |
| Årness | 29.66 | 56 | SW | 4 | c | 29.81 | + .23 | 47 | 44 | - 4 | N | 2 | 0 | 4 | 60 | 44 | - | |
| Årness | 29.76 | 50 | S | 2 | b | 29.82 | + .09 | 48 | 48 | 0 | WSW | 1 | 0 | 3 | 62 | 47 | 0.01 | |
| Årness | 29.77 | 53 | S | 5 | o | 29.87 | + .11 | 52 | 51 | - 1 | N | 4 | 0 | 5 | 58 | 48 | 0.03 | |
| Årness | 29.82 | 50 | SW | 4 | f | 29.86 | - .01 | 49 | 49 | 0 | SW | 2 | 0 | 4 | 53 | 47 | - | |
| Årness | 29.86 | 51 | N | 2 | + | 29.89 | - .05 | 50 | 50 | - 2 | N | 2 | 0 | 3 | 52 | 48 | 0.13 | |
| Årness | 29.88 | 60 | SW | 2 | b | 29.86 | - .17 | 52 | 49 | - 4 | WSW | 3 | 0 | 2 | 60 | 50 | 0.03 | |
| Årness | 29.87 | 61 | S | 3 | c | 29.86 | - .12 | 50 | 49 | - 9 | SW | 1 | 0 | * | 67 | 48 | 0.22 | |
| Årness | 29.82 | 54 | WSW | 3 | o | 29.85 | - .06 | 48 | 47 | - 7 | N | 1 | 0 | * | 64 | 47 | 0.04 | |
| Årness | 29.84 | 58 | S | 1 | o | 29.81 | - .12 | 49 | 49 | - 8 | SW | 1 | 0 | * | 69 | 48 | 0.29 | |
| Årness | 29.90 | 51 | SSE | 2 | b | 29.78 | - .23 | 51 | 50 | 0 | WSW | 2 | 0 | 2 | 53 | 46 | - | |
| Årness | * | * | * | * | * | 29.79 | - .30 | 54 | 51 | + 5 | SE | 1 | 0 | * | * | * | * | |
| Årness | 29.91 | 45 | S | 1 | o | 29.88 | - .18 | 49 | 49 | - 4 | WSW | 3 | 0 | 2 | 60 | ? | 0.04 | |
| Årness | 29.88 | 52 | N | 2 | c | 29.95 | - .05 | 49 | 49 | - 2 | WSW | 2 | 0 | 3 | 59 | 46 | 0.08 | |
| Årness | 29.88 | 52 | SSW | 4 | o | 29.96 | + .08 | 50 | 50 | - 1 | N | 3 | 0 | 5 | 64 | 46 | 0.04 | |
| Årness | 29.89 | 52 | SW | 4 | m | 29.93 | - .02 | 50 | 50 | - 3 | WSW | 4 | 0 | 4 | 57 | 46 | - | |
| Årness | 29.93 | 59 | N | 4 | b | 29.99 | - .01 | 54 | 51 | + 3 | N | 5 | 0 | 2 | 66 | 43 | 0.08 | |
| Årness | 29.91 | 62 | NE | 1 | o | 30.07 | + .08 | 53 | 51 | - 6 | S | 3 | 0 | 4 | 73 | 48 | 0.24 | |
| Årness | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Årness | * | * | * | * | * | 29.82 | - .31 | 59 | 52 | + 4 | SSW | 3 | 0 | * | 69 | 53 | - | |
| Årness | 30.01 | 64 | SE | 1 | b | 29.88 | ? | 54 | 49 | + 14 | SSE | 3 | 0 | * | 70 | ? | - | |
| Årness | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Årness | 29.95 | 68 | S | 3 | b | 30.00 | - .16 | 61 | 52 | + 11 | S | 1 | 0 | * | 74 | 49 | - | |
| Årness | 30.12 | 56 | SW | 3 | b | 30.12 | - .01 | 52 | 51 | - 5 | E | 4 | 0 | 3 | 66 | 50 | - | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|----|----|-----|-----|---|---|----|----|------|
| Hawes Junction | 28.51 | 52 | SW | 2 | c | 28.53 | 45 | 45 | - 3 | WSW | 1 | 0 | 52 | 42 | 0.03 |
|----------------|-------|----|----|---|---|-------|----|----|-----|-----|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. |
|---------------|-------|------|------|-------|----|------|------|---------------|-------|------|------|-------|---|------|------|
| Skadesnaes | 29.89 | 46 | 44 | SSE | 8 | of | 5 | Valentia ... | 29.53 | 54 | 51 | S | 7 | am | 6 |
| Sumburgh Head | 29.62 | 51 | 49 | SSW | 4 | m | 4 | Scilly ... | 29.77 | 58 | 56 | SSW | 5 | b | 6 |
| Stornoway ... | 29.47 | 51 | 50 | SSW | 5 | o | 5 | Dover ... | 30.00 | 58 | 53 | SW | 2 | b | 1 |
| Aberdeen ... | 29.63 | 49 | 48 | S | 3 | o | 2 | London | 29.91 | 65 | 53 | SSE | 3 | b | * |
| Shields | 29.72 | 58 | 51 | SW | 10 | c | 3 | Yarmouth ... | 29.97 | 53 | 50 | S | 3 | b | 3 |
| Ardrossan ... | 29.61 | 53 | 50 | S | 3 | b | 3 | Jersey ... | 29.92 | 55 | 51 | SSE | 3 | ogw | 3 |
| Mullaghmore | 29.45 | 50 | 50 | SW | 7 | ogw | 6 | Rochefort ... | 29.99 | 63 | 58 | SW | 5 | b | 2 |
| Holyhead ... | 29.72 | 54 | 51 | SSW | 5 | o | 4 | | | | | | | | |

The weather continues very fine in the SE, and both at Scilly and Ardrossan the sky has cleared. The wind remains S^W blowing strongly in the N, and the barometer is falling at all but our extreme SW and N stations. The thermometer is as high as 65° in London.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

+ The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

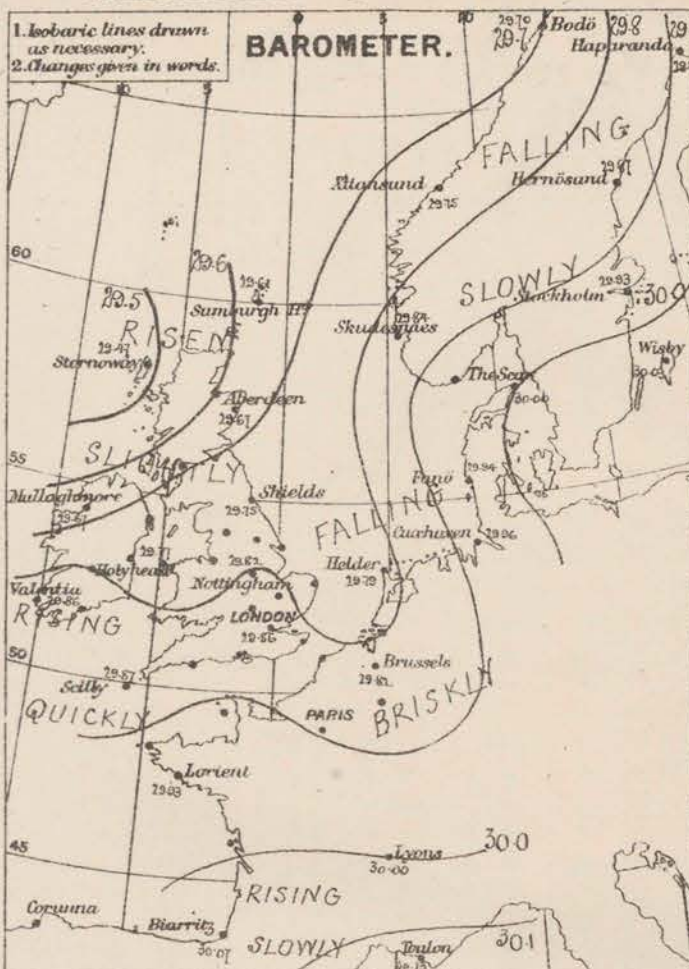
† These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Tuesday 20th APRIL 1880.

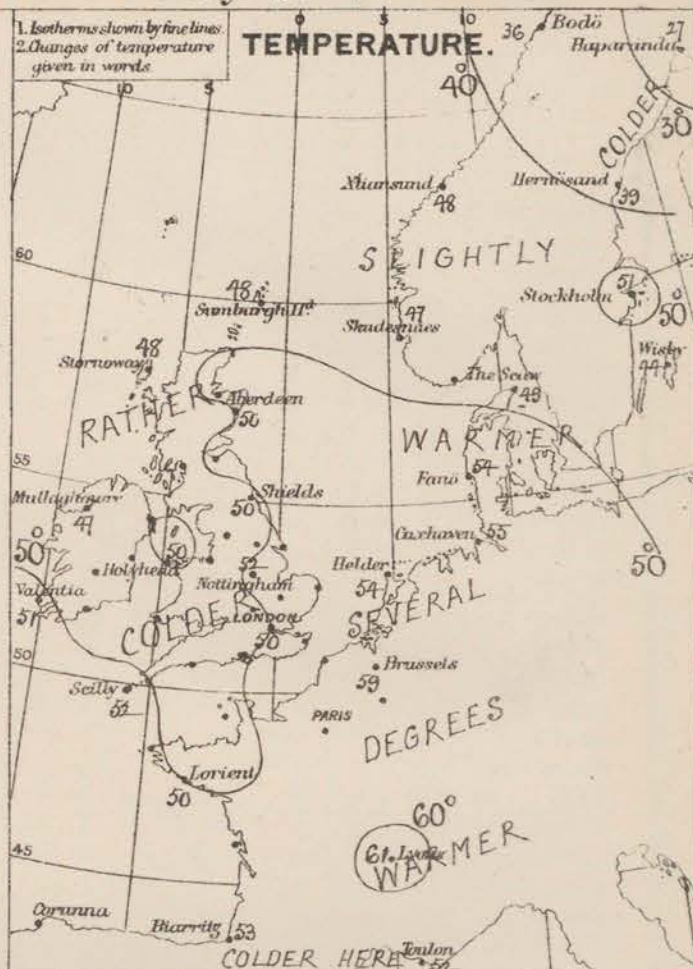
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



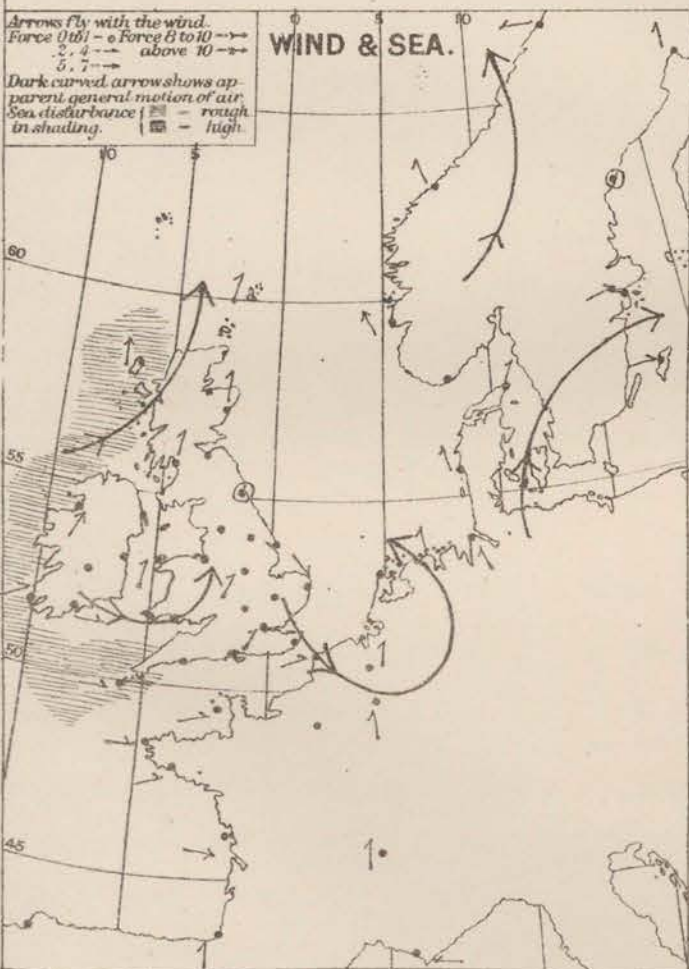
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



Arrows fly with the wind.
Force 0 to 10 - a Force 8 to 10
2, 4, 6, 8, 10 - above 10
Dark curved arrow shows apparent general motion of air.
Sea disturbance 1 - rough in shading. 2 - high.

WIND & SEA.



1. Prevalence of cloud, fog, rain, &c. given in letters (Beaufort Notation).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. The barometer is rising this morning over France and all our W. and N. districts, but is falling briskly over the SE. of England, the Netherlands and Scandinavia. Readings now are lowest to the NW. of Scotland, but small subsidiary disturbances have been formed over us during the night, one being now shown over the Irish Sea and another between the coast of Norfolk and Holland. The highest pressures are now shown over S. France. Owing to the decrease in pressure over the SE. part of our area gradient over the British Isles has decreased, and the W. to S. winds which still prevail in the W. and N. are light to moderate except in the NW. In the SE. very light W. to S. breezes are reported. The weather is unsettled, the sky is clear or nearly so over our W. and NE. coasts, as well as over the greater part of France, N. Germany and the S. of Sweden, but is dull elsewhere, with rain in the S. of Dover. Rain has fallen except in the N. Temperature shows a decrease except in N. Germany, and the E. of France, the change in the SE. amounting to nearly 10°. Readings are very uniform ranging between 48° and 52°. The maximum yesterday was 69° at Cambridge, 67° in London and 65° at Nottingham. Sea slight except in the SW. and N.

Subscription for these Charts payable in advance to cover delivery.

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book post 6/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 21st APRIL 1880.

| | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----------|------------------------------------|----------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|----------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. at 32° F. | WIND. | | Weather. | Barometer at 32° F. and Sea Level. | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Dir. | Force. (0 to 12). | | | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | | |
| Haparanda | 30.02 | 27 | NW | 2 | b | 30.10 | + .18 | 30 | 28 | + 3 | S | 2 | 0 | * | 34 | ? | — | | |
| Hernösand | 29.98 | 35 | NE | 4 | o | 29.98 | + .11 | 36 | 35 | — 3 | NE | 2 | 0 | * | 54 | 27 | — | | |
| Stockholm | 29.91 | 49 | L | 0 | b | 29.95 | + .02 | 57 | 50 | + 6 | S | 2 | m | * | 66 | 37 | — | | |
| Wisby | 29.96 | 46 | SH | 2 | b | 29.95 | + .04 | 50 | 46 | + 6 | L | 0 | b | * | 55 | 36 | — | | |
| Bodo | 29.76 | 41 | NE | 2 | o | 29.67 | + .03 | 41 | 37 | + 5 | NE | 6 | c | 4 | 41 | 36 | 0.04 | | |
| Christiansund | 29.69 | 49 | E | 1 | f | 29.62 | + .13 | 45 | 44 | — 3 | SH | 2 | o | 4 | 30 | 37 | 0.04 | | |
| † Skudesnes | 29.69 | 49 | SE | 4 | o | 29.74 | + .10 | 43 | 42 | — 4 | SSE | 6 | f | 4 | ? | ? | 0.20 | | |
| Oxö (Klakaund) | 29.83 | 49 | NE | 4 | o | ? | ? | 46 | 45 | + 5 | NSH | 4 | bc | 2 | 30 | ? | — | | |
| Skagen (the Skaw) | 29.90 | 47 | SE | 2 | bc | 29.83 | + .17 | 46 | 46 | — 3 | NSH | 2 | r | 0 | 57 | 43 | 0.08 | | |
| Fanö | 29.82 | 34 | S | 4 | b | 29.94 | + .00 | 45 | 45 | — 9 | NSH | 4 | f | * | 66 | 43 | — | | |
| Cuxhaven | 29.84 | 68 | S | 2 | b | 30.02 | + .06 | 53 | 52 | — 2 | SH | 2 | c | * | ? | 46 | — | | |
| † Sumburgh Head | 29.59 | 48 | SSH | 3 | c | 29.53 | + .08 | 46 | 44 | — 2 | SSW | 3 | o | 3 | 51 | 42 | 0.06 | | |
| † Stornoway | 29.56 | 48 | NSH | 5 | b | 29.26 | + .21 | 43 | 43 | — 5 | ESE | 6 | r | 6 | 53 | 40 | 0.07 | | |
| Wick | 29.63 | 45 | NSH | 3 | b | 29.45 | + .15 | 45 | 42 | — 5 | S | 4 | o | 3 | 58 | 40 | — | | |
| Nairn | 29.63 | 32 | SSE | 2 | b | 29.41 | + .18 | 44 | 43 | — 8 | E | 1 | r | 1 | 60 | 43 | 0.02 | | |
| † Aberdeen | 29.66 | 34 | NSH | 1 | b | 29.51 | + .16 | 44 | 43 | — 6 | SE | 5 | r | 4 | 58 | 42 | 0.04 | | |
| Leith | 29.72 | 53 | NSH | 3 | c | 29.47 | + .23 | 48 | 45 | — 4 | SH | 5 | r | * | 62 | 43 | 0.04 | | |
| † Shields | 29.77 | 58 | W | 5 | b | 29.70 | + .05 | 47 | 44 | — 3 | NSH | 6 | o | 3 | 60 | 45 | — | | |
| Spurn Head | 29.83 | 51 | W | 2 | bc | 29.90 | + .12 | 50 | 47 | + 2 | SSH | 5 | c | 4 | 57 | 44 | 0.07 | | |
| York | 29.89 | 57 | W | 3 | b | 29.84 | + .06 | 47 | 45 | — 2 | S | 4 | o | * | 61 | 43 | — | | |
| Nottingham | 29.89 | 54 | SSH | 3 | b | 29.93 | + .11 | 48 | 46 | — 4 | SSH | 5 | o | * | 66 | 39 | 0.04 | | |
| † Ardrossan | 29.76 | 49 | NNH | 3 | c | 29.43 | + .27 | 49 | 48 | + 1 | SSH | 6 | r | 5 | 53 | 43 | 0.38 | | |
| † Mullaghtmore | 29.81 | 49 | W | 6 | c | 29.40 | + .27 | 52 | 51 | + 5 | SH | 8 | rgm | 6 | 54 | 45 | 0.42 | | |
| Donaghadee | 29.82 | 52 | SW | 3 | c | 29.32 | + .21 | 51 | 51 | + 1 | SH | 6 | o | 4 | 58 | 43 | 0.21 | | |
| Parsonstown | 29.91 | 52 | NSH | 3 | bc | 29.62 | + .18 | 52 | 50 | + 3 | SH | 8 | or | * | 56 | 44 | 0.17 | | |
| † Holyhead | 29.87 | 52 | SSH | 4 | b | 29.75 | + .02 | 49 | 49 | — 1 | SSH | 7 | rm | 5 | 54 | 46 | 0.19 | | |
| Liverpool (Bidston) | 29.86 | 51 | W | 3 | c | 29.82 | + .04 | 52 | 49 | + 1 | SH | 4 | o | 2 | 57 | 45 | — | | |
| † Valentia | 29.96 | 50 | SH | 4 | o | 29.66 | + .20 | 51 | 50 | 0 | SSH | 7 | rg | 6 | 55 | 48 | 0.18 | | |
| Roche's Point | 29.96 | 54 | NSH | 4 | bc | 29.76 | + .05 | 51 | 50 | + 4 | SH | 6 | rm | 5 | 58 | 47 | 0.04 | | |
| Pembroke | 29.94 | 50 | NSW | 2 | bc | 29.91 | + .09 | 49 | 48 | + 1 | SH | 6 | o | 4 | 52 | 47 | — | | |
| † Scilly | 30.07 | 52 | W | 5 | c | 30.04 | + .17 | 52 | 51 | 0 | SH | 6 | o | 6 | 54 | 48 | — | | |
| Prawle Point | 30.00 | 53 | NSH | 4 | bc | 30.07 | + .21 | 49 | 49 | 0 | SH | 5 | o | 5 | 55 | 45 | — | | |
| Hurst Castle | 29.99 | 50 | NNW | 3 | cp | 30.11 | + .23 | 50 | 50 | 0 | NSH | 4 | om | 4 | 53 | 47 | 0.01 | | |
| † Dover | 29.95 | 50 | SH | 4 | bc | 30.10 | + .24 | 50 | 48 | 0 | W | 4 | bc | 3 | 55 | 43 | 0.02 | | |
| † London | 29.93 | 55 | SH | 3 | bc | 30.07 | + .21 | 53 | 47 | + 3 | SSH | 3 | bc | * | 63 | 42 | 0.01 | | |
| Oxford | 29.92 | 54 | W | 1 | bc | 30.02 | + .17 | 49 | 46 | + 1 | SH | 2 | bc | * | 66 | 44 | — | | |
| Cambridge | 29.91 | 57 | W | 1 | bc | 30.01 | + .20 | 51 | 48 | + 2 | SH | 2 | c | * | 63 | 39 | — | | |
| † Yarmouth | 29.87 | 58 | W | 1 | bc | 30.01 | + .23 | 50 | 47 | — 1 | NSH | 3 | bc | 2 | 59 | 43 | 0.03 | | |
| The Helder | * | * | * | * | * | 30.02 | + .23 | 47 | 46 | — 7 | SH | 2 | f | * | * | * | * | | |
| Cape Gris Nez | 30.00 | 57 | SH | 3 | b | 30.12 | + .24 | 48 | 48 | — 1 | SH | 4 | m | 2 | 55 | 46 | 0.04 | | |
| † Jersey | 30.09 | 51 | NNW | 3 | bm | 30.21 | + .26 | 49 | 48 | 0 | SH | 4 | cm | 3 | 55 | 46 | 0.01 | | |
| Brest | 30.16 | 52 | NNW | 3 | bc | 30.21 | + .25 | 50 | 49 | 0 | NSH | 4 | bc | 4 | 55 | 46 | — | | |
| Lorient | 30.08 | 53 | NW | 7 | b | 30.24 | + .31 | 50 | 48 | 0 | NSH | 4 | bc | 3 | 57 | 46 | — | | |
| † Rochefort | 30.11 | 55 | NNW | 7 | c | 30.29 | + .30 | 52 | 50 | — 2 | NNW | 5 | bc | 2 | 63 | 43 | — | | |
| Biarritz | 30.2 | 52 | NNW | 7 | r | 30.34 | + .27 | 54 | 51 | + 1 | NNW | 5 | bc | 4 | 63 | 46 | 0.32 | | |
| Corunna | * | * | * | * | * | 30.33 | + .18 | 56 | * | 0 | SE | 2 | b | 5 | * | * | * | | |
| Brussels | * | * | * | * | * | ? | ? | 51 | 48 | — 8 | ? | 3 | bc | * | 62 | 45 | — | | |
| Charleville | * | 55 | W | 3 | bc | 30.18 | + .30 | 46 | 44 | — 8 | W | 1 | b | * | 66 | 41 | — | | |
| Paris | 30.01 | 59 | W | 3 | o | 30.25 | + .20 | 50 | 46 | 0 | W | 3 | c | * | * | * | — | | |
| Lyons | 30.08 | 49 | NNW | 1 | o | 30.23 | + .23 | 51 | 50 | — 10 | W | 1 | r | * | 70 | 46 | 0.51 | | |
| Toulon | 30.08 | 55 | SE | 3 | m | 30.09 | + .03 | 53 | 50 | + 1 | NE | 7 | c | 4 | 57 | 46 | 0.87 | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-------|----|----|-----|-----|---|----|----|----|------|--|--|
| Hawes Junction | 28.59 | 47 | NSH | 3 | o | 28.51 | + .02 | 42 | 42 | + 3 | NSH | 5 | rw | 54 | 39 | 0.09 | | |
|----------------|-------|----|-----|---|---|-------|-------|----|----|-----|-----|---|----|----|----|------|--|--|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | |
|------------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.78 | 47 | 45 | SSH | 4 | o | 5 | Valentia ... | 29.95 | 55 | 51 | W | 5 | cp | 5 |
| Sumburgh Head | 29.61 | 50 | 49 | SSH | 4 | o | 4 | Scilly ... | 29.98 | 54 | 52 | W | 5 | c | 5 |
| Stornoway ... | 29.52 | 52 | 50 | SSH | 6 | bc | 5 | Dover ... | 29.91 | 54 | 52 | SSH | 3 | bc | 2 |
| Aberdeen ... | 29.66 | 54 | 51 | S | 3 | c | 2 | London | 29.87 | 60 | 52 | SSH | 3 | bc | * |
| Shields ... | 29.73 | 55 | 52 | W | 4 | bc | 2 | Yarmouth ... | 29.84 | 55 | 50 | W | 2 | bc | 2 |
| Ardrossan ... | 29.69 | 51 | 48 | SH | 3 | bc | 3 | Jersey ... | 30.01 | 54 | 52 | WNW | 3 | b | 3 |
| Mullaghtmore ... | 29.76 | 53 | 49 | W | 5 | c | 4 | Rochefort ... | 30.06 | 61 | 55 | W | 7 | c | 2 |
| Holyhead ... | 29.74 | 53 | 51 | SSH | 4 | b | 3 | | | | | | | | |

Pressure is increasing slowly except in the NE. where a slight decrease is reported and the wind is generally W^t with fair weather.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

DAILY WEATHER REPORT 22ND APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|---|--------------------|--------|----------------------|----------|---|---|-------------|------|---|--------|----------------------|----------|-------------------|-------------|----------------|---------------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dirac. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda ... | 29.88 | 32 | SE | 4 | S | 29.62 | - 48 | 35 | 35 | + 5 | S | 2 | 0 | * | 36 | 30 | 0.24 | |
| Hernösand ... | 29.82 | 35 | Z | 0 | f | 29.63 | - 35 | 41 | 40 | + 5 | SSE | 4 | 0 | * | ? | 28 | 0.08 | |
| Stockholm ... | 29.86 | 45 | SH | 2 | 0 | 29.86 | - 09 | 48 | 46 | - 9 | SH | 2 | bc | * | 63 | 41 | - | |
| Wisby ... | 29.94 | 48 | SH | 2 | bc | 29.96 | + 01 | 48 | 45 | - 2 | WSW | 4 | b | * | 59 | 41 | - | |
| Bodö ... | 29.58 | 40 | E | 2 | 0 | 29.30 | - 37 | 42 | 38 | + 1 | E | 4 | 0 | 1 | 46 | 37 | 0.28 | |
| Christiansund... | 29.47 | 45 | WSW | 1 | c | 29.34 | - 28 | 46 | 43 | + 1 | WSW | 9 | c | 4 | 55 | 39 | - | |
| Skudesnaes ... | 29.55 | 44 | SSE | 8 | r | 29.32 | - 22 | 44 | 43 | + 1 | SSE | 8 | of | 5 | 45 | 43 | 0.16 | |
| Oxö (Xtiansund) ... | | | | | | | | | | | | | | | | | | |
| Skagen (The Skaw) | 29.87 | 48 | WSW | 2 | bc | 29.80 | - 03 | 47 | 45 | + 1 | SH | 4 | c | 2 | 55 | 43 | - | |
| Fanö ... | 29.92 | 48 | SH | 4 | c | 29.82 | - 12 | 54 | 50 | + 9 | SH | 4 | c | * | 54 | 45 | - | |
| Cuxhaven ... | 30.06 | 60 | W | 2 | c | 29.94 | - 08 | 56 | 53 | + 3 | S | 4 | c | * | ? | 43 | - | |
| Sumburgh Head | 29.12 | 48 | W | 4 | 0 | 29.42 | - 11 | 45 | 43 | - 1 | NW | 1 | 0 | 2 | 49 | 39 | 0.32 | |
| Stornoway ... | 29.36 | 45 | WSW | 3 | c | 29.53 | + 27 | 44 | 44 | + 1 | NW | 2 | bc | 3 | 47 | 36 | 0.40 | |
| Wick ... | 29.27 | 44 | NW | 4 | 0 | 29.45 | + 00 | 46 | 44 | + 1 | NW | 3 | 0 | 2 | 57 | 39 | 0.21 | |
| Nairn ... | 29.38 | 47 | SE | 4 | b | 29.49 | + 08 | 45 | 42 | + 1 | W | 3 | b | 2 | 50 | 42 | 0.20 | |
| Aberdeen ... | 29.27 | 52 | SH | 8 | c | 29.43 | - 08 | 42 | 41 | - 2 | NNW | 6 | r | 3 | 58 | 40 | 1.03 | |
| Leith ... | 29.45 | 46 | WSW | 3 | r | 29.32 | + 05 | 45 | 44 | - 3 | NW | 1 | r | * | 56 | 38 | 0.24 | |
| Shields ... | 29.55 | 53 | WSW | 8 | c | 29.53 | - 17 | 47 | 44 | 0 | W | 6 | bc | 2 | 55 | 41 | - | |
| Spurn Head ... | 29.73 | 53 | SSW | 6 | c | 29.65 | - 25 | 48 | 45 | - 2 | WSW | 6 | b | 5 | 56 | 45 | 0.01 | |
| York ... | 29.70 | 54 | S | 4 | c | 29.65 | - 19 | 49 | 44 | + 2 | WSW | 6 | b | * | 55 | 44 | - | |
| Nottingham ... | 29.77 | 54 | SSW | 5 | bc | 29.75 | - 18 | 44 | 47 | + 6 | SH | 5 | bc | * | 56 | 43 | - | |
| Ardrossan ... | 29.45 | 46 | Z | 0 | r | 29.59 | + 16 | 47 | 43 | - 2 | NW | 3 | b | 2 | 49 | 42 | 1.22 | |
| Mullaghmore ... | 29.46 | 47 | N | 5 | r | 29.71 | + 31 | 49 | 46 | - 3 | NW | 5 | bp | 5 | 53 | 89 | 0.27 | |
| Donaghadee ... | 29.45 | 45 | NE | 5 | r | 29.46 | + 14 | 47 | 45 | - 4 | NNW | 3 | bc | 1 | 54 | 41 | 1.22 | |
| Parsonstown ... | 29.43 | 47 | NW | 2 | 0 | 29.80 | + 18 | 46 | 42 | - 6 | NW | 1 | b | * | 54 | 37 | 0.72 | |
| Holyhead ... | 29.57 | 49 | SH | 7 | m | 29.73 | - 02 | 47 | 45 | - 2 | W | 3 | b | 3 | 50 | 43 | 0.21 | |
| Liverpool (Bidston) | 29.64 | 53 | S | 4 | 0 | 29.70 | - 02 | 47 | 44 | - 5 | W | 5 | bc | 2 | 54 | 43 | 0.07 | |
| Valentia ... | 29.57 | 45 | NNW | 5 | r | 29.80 | + 17 | 48 | 45 | - 3 | NNW | 3 | c | 3 | 53 | 43 | 1.01 | |
| Roche's Point ... | 29.43 | 50 | SW | 5 | r | 29.79 | + 03 | 46 | 44 | - 5 | NNW | 2 | bc | 4 | 54 | 42 | 0.45 | |
| Pembroke ... | 29.66 | 49 | S | 7 | 0 | 29.79 | - 12 | 47 | 45 | - 2 | W | 4 | bc | 4 | 57 | 46 | 0.06 | |
| Scilly ... | 29.78 | 53 | SSW | 9 | 0 | 29.87 | - 17 | 50 | 47 | - 2 | SE | 6 | c | 5 | 56 | 49 | 0.02 | |
| Prawle Point ... | 29.89 | 49 | SSW | 6 | c | 29.85 | - 22 | 48 | 47 | - 1 | WSW | 5 | bc | 5 | 53 | 44 | - | |
| Hurst Castle ... | 29.98 | 50 | W | 5 | c | 29.86 | - 25 | 49 | 47 | - 1 | NNW | 3 | c | 4 | 51 | 48 | 0.02 | |
| Dover ... | 30.00 | 50 | SH | 5 | bc | 29.85 | - 25 | 49 | 48 | - 1 | WSW | 5 | cg | 4 | 54 | 48 | - | |
| London ... | 29.94 | 54 | WSW | 4 | c | 29.82 | - 24 | 50 | 47 | - 3 | SH | 2 | 0 | * | 59 | 47 | - | |
| Oxford ... | 29.86 | 52 | WSW | 5 | c | 29.81 | - 21 | 48 | 46 | - 1 | WSW | 1 | 0 | * | 60 | 44 | 0.02 | |
| Cambridge ... | 29.86 | 55 | SH | 4 | c | 29.78 | - 23 | 50 | 46 | - 1 | SH | 1 | c | * | 60 | 46 | - | |
| Yarmouth ... | 29.89 | 55 | SH | 5 | bc | 29.77 | - 24 | 51 | 46 | + 1 | WSW | 5 | cg | 3 | 59 | 47 | - | |
| The Helder ... | * | * | * | * | * | 29.80 | - 19 | 51 | 48 | + 4 | SSW | 4 | bc | * | * | * | * | |
| Cape Gris Nez ... | 30.04 | 58 | SH | 4 | c | 29.88 | - 24 | 48 | 48 | 0 | SH | 5 | 0 | 4 | 54 | 46 | - | |
| Jersey ... | 30.06 | 53 | SH | 5 | c | 29.94 | - 27 | 49 | 47 | 0 | W | 3 | om | 3 | 58 | 47 | 0.06 | |
| Brest ... | 30.03 | 51 | SH | 7 | 0 | 29.98 | - 29 | 48 | 45 | - 2 | WSW | 3 | bc | 2 | 54 | 46 | 0.02 | |
| Lorient ... | 30.10 | 52 | SH | 5 | c | 29.95 | - 29 | 50 | 49 | 0 | NW | 4 | 0 | 4 | 55 | 46 | 0.16 | |
| Rochefort ... | 30.20 | 56 | NW | 4 | b | 30.02 | - 27 | 54 | 50 | + 2 | SSW | 5 | b | 2 | 63 | 46 | - | |
| Biarritz ... | 30.23 | 55 | N | 3 | b | 30.08 | - 26 | 48 | 46 | - 6 | S | 1 | bc | 4 | 59 | 43 | - | |
| Corunna ... | * | * | * | * | * | | | | | | | | | | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.94 | ? | 52 | 47 | + 1 | SH | 4 | b | * | 61 | 48 | - | |
| Charleville ... | 30.11 | 58 | SH | 1 | c | 30.01 | - 17 | 49 | 44 | + 3 | S | 1 | 0 | * | 64 | 40 | - | |
| Paris ... | 30.12 | 61 | SSW | 3 | b | 30.00 | - 25 | 4 | 49 | + 5 | SE | 4 | c | * | * | * | - | |
| Lyons ... | 30.16 | 57 | NW | 1 | c | 30.08 | - 15 | 46 | 46 | - 5 | E | 1 | 0 | * | 65 | 41 | - | |
| Toulon ... | 30.13 | 56 | Z | 0 | bc | 30.04 | - 05 | 57 | 50 | + 4 | NE | 4 | b | 3 | 63 | 50 | - | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|------|----|----|-----|-----|---|---|---|----|----|------|
| Hawes Junction | 28.38 | 47 | WSW | 6 | 0 | 28.33 | - 18 | 40 | 40 | - 2 | WSW | 7 | r | * | 48 | 37 | 0.31 |
|----------------|-------|----|-----|---|---|-------|------|----|----|-----|-----|---|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. |
|---------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|
| Skudesnaes | 29.68 | 45 | 43 | SSE | 8 | of | Valentia | 29.52 | 51 | 50 | S | 8 | trm |
| Sumburgh Head | 29.35 | 43 | 42 | SSE | 5 | r | Scilly | 29.56 | 55 | 53 | SH | 8 | 0 |
| Stornoway | 29.22 | 47 | 44 | WNW | 4 | c | Dover | 30.09 | 51 | 49 | SH | 5 | c |
| Aberdeen | 29.31 | 50 | 50 | S | 7 | c | London | 30.01 | 58 | 51 | WSW | 4 | og |
| Shields | 29.62 | 52 | 50 | WSW | 9 | 0 | Yarmouth | 29.97 | 58 | 50 | SH | 3 | c |
| Ardrossan | 29.42 | 48 | 47 | SSW | 6 | og | Jersey | 30.17 | 54 | 50 | SH | 3 | om |
| Mullaghmore | 29.47 | 48 | 47 | W | 5 | ogm | Rochefort | 30.29 | 60 | 54 | NNW | 3 | b |
| Holyhead | 29.70 | 50 | 49 | SH | 5 | mg | | | | | | | |

The weather is cloudy and unsettled all over the country, with rain all along our W and NW coasts. The wind is SW and S and blows a gale in the SW and SE. A fine fall of the barometer is reported from Valentia.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

DAILY WEATHER REPORT 23RD APRIL 1880.

| STATIONS. | + YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|----------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|----------------|---------------------|------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | SHADE TEMP. | | Difference from 8 a.m. yesterday. | Wind. | Force (0 to 12). | Weather. | Sea. (0 to 3). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force (0 to 12). | | | Dry. | Wet. | | | | | | Max. | Min. | | | |
| Haparanda | 29.53 | 32 | S | 2 | o | 29.32 | 30 | 37 | 36 | + 2 | SW | 4 | o | * | 37 | 30 | — | |
| Hernösand | 29.57 | 48 | SSW | 2 | o | 29.48 | 15 | 49 | 42 | + 8 | SW | 4 | b | * | 41 | 25 | — | |
| Stockholm | 29.78 | 47 | WSW | 2 | bc | 29.77 | 09 | 48 | 44 | o | WSW | 4 | bc | * | 61 | 39 | — | |
| Wisby | 29.87 | 50 | WSW | 4 | b | 29.82 | 14 | 50 | 47 | + 2 | W | 4 | bc | * | 61 | 39 | — | |
| Bodö | 29.25 | 46 | SW | 6 | b | 29.22 | 08 | 42 | 39 | o | SW | 4 | o | 3 | 46 | 37 | 0.08 | |
| Christiansund | 29.36 | 41 | NNW | 3 | r | 29.39 | 05 | 43 | 42 | - 3 | SSW | 4 | r | 3 | ? | 34 | 0.32 | |
| Skudesnaes | 29.55 | 42 | W | 6 | r | 29.67 | 15 | 43 | 42 | - 1 | SSW | 5 | r | 5 | 45 | ? | — | |
| Oxö (Ålmasund) | 29.65 | 43 | SSW | 6 | o | 29.75 | | 43 | 42 | | SW | 6 | o | 3 | 46 | 41 | — | |
| Skagen (the Skaw) | 29.75 | 46 | WSW | 4 | bc | 29.80 | 00 | 45 | 43 | - 2 | WSW | 3 | c | 0 | 44 | 41 | — | |
| Fanö | 29.84 | 46 | W | 4 | c | 29.86 | 04 | 49 | 47 | - 5 | WSW | 3 | o | * | 57 | 45 | — | |
| Cuxhaven | 29.92 | 53 | N | 1 | c | 29.91 | 03 | 49 | 48 | - 7 | NNW | 3 | r | * | 61 | 46 | 0.01 | |
| Sumburgh Head | 29.48 | 46 | W | 4 | c | 29.56 | 14 | 46 | 44 | + 1 | WSW | 4 | o | 3 | 51 | 43 | 0.04 | |
| Stornoway | 29.71 | 49 | NNW | 4 | c | 29.68 | 15 | 49 | 47 | + 3 | NNW | 6 | r | 5 | 51 | 40 | 0.10 | |
| Wick | 29.56 | 50 | W | 3 | bc | 29.66 | 21 | 48 | 45 | + 2 | W | 4 | c | 2 | 44 | 40 | — | |
| Nairn | 29.64 | 51 | W | 2 | bc | 29.73 | 24 | 49 | 45 | + 4 | WSW | 3 | b | 2 | 44 | 41 | — | |
| Aberdeen | 29.67 | 50 | W | 3 | bc | 29.76 | 33 | 50 | 46 | + 8 | W | 2 | b | 2 | 55 | 38 | 0.07 | |
| Leith | 29.68 | 53 | W | 2 | b | 29.83 | 31 | 50 | 48 | + 5 | W | 1 | bc | * | 58 | 43 | — | |
| Shields | 29.75 | 47 | W | 4 | bc | 29.88 | 35 | 50 | 46 | + 3 | NNW | 5 | b | 2 | 57 | 41 | 0.20 | |
| Spurn Head | 29.79 | ? | NNW | 1 | bc | 29.95 | 30 | 49 | 45 | - 1 | WSW | 4 | b | 4 | 44 | 42 | — | |
| York | 29.80 | 55 | W | 4 | b | 29.96 | 31 | 49 | 46 | o | W | 3 | bc | * | 57 | 38 | — | |
| Nottingham | 29.85 | 53 | SW | 2 | b | 30.03 | 28 | 53 | 48 | - 1 | SW | 2 | b | * | 61 | 34 | — | |
| Ardrossan | 29.77 | 45 | NNW | 3 | bc | 29.90 | 31 | 47 | 46 | o | WSW | 3 | c | 3 | 51 | 46 | 0.05 | |
| Mullaghmore | 29.87 | 50 | NNW | 5 | bc | 30.01 | 30 | 48 | 47 | - 1 | WSW | 5 | omp | 3 | 52 | 45 | 0.03 | |
| Donaghadee | 29.85 | 49 | NNW | 2 | bc | 29.98 | 32 | 50 | 47 | + 3 | NNW | 4 | b | 2 | 53 | 44 | 0.02 | |
| Parsonstown | 29.91 | 52 | NNW | 1 | b | 30.11 | 31 | 49 | 46 | + 3 | WSW | 1 | c | * | 56 | 41 | 0.05 | |
| Holyhead | 29.87 | 50 | W | 2 | b | 30.03 | 30 | 48 | 46 | + 1 | W | 3 | bc | 2 | 53 | 45 | — | |
| Liverpool (Bidston) | 29.86 | 49 | W | 3 | b | 30.02 | 32 | 49 | 47 | + 2 | W | 4 | b | 2 | 53 | 42 | — | |
| Valentia | 30.00 | 52 | NNW | 4 | bc | 30.16 | 36 | 53 | 47 | + 5 | NNW | 2 | c | 2 | 55 | 44 | 0.02 | |
| Roche's Point | 29.93 | 54 | NNW | 4 | b | 30.15 | 36 | 49 | 46 | + 3 | NNW | 3 | b | 3 | 56 | 42 | — | |
| Pembroke | 29.91 | 49 | W | 2 | b | 30.10 | 31 | 48 | 46 | + 1 | NNW | 1 | b | 3 | 52 | 45 | — | |
| Scilly | 29.94 | 51 | NNW | 4 | c | 30.13 | 26 | 51 | 49 | + 1 | N | 4 | b | 5 | 53 | 46 | 0.05 | |
| Prawle Point | 29.93 | 50 | WSW | 4 | bc | 30.10 | 25 | 50 | 48 | + 2 | NNW | 2 | b | 3 | 53 | 39 | — | |
| Hurst Castle | 29.92 | 50 | NNW | 3 | b | 30.12 | 26 | 45 | 44 | - 4 | NNW | 2 | bc | 2 | 53 | 39 | — | |
| Dover | 29.87 | 50 | WSW | 4 | bc | 30.04 | 19 | 52 | 46 | + 3 | NNW | 3 | b | 2 | 53 | 43 | — | |
| London | 29.87 | 51 | WSW | 1 | bc | 30.07 | 24 | 49 | 45 | - 1 | SSW | 2 | bc | * | 59 | 38 | 0.10 | |
| Oxford | 29.86 | 49 | WSW | 1 | c | 30.07 | 26 | 48 | 44 | o | W | 1 | bc | * | 57 | 37 | — | |
| Cambridge | 29.87 | 46 | S | 1 | o | 30.04 | 24 | 47 | 45 | - 3 | NNW | 1 | b | * | 59 | 36 | 0.17 | |
| Yarmouth | 29.84 | 53 | N | 1 | c | 30.00 | 23 | 50 | 47 | - 1 | NNW | 1 | b | 2 | 57 | 39 | — | |
| The Helder | * | * | * | * | * | 29.95 | 12 | 48 | 46 | - 3 | WSW | 1 | bc | * | * | * | * | |
| Cape Gris Nez | 29.91 | 49 | SW | 3 | bc | 30.03 | 15 | 46 | 45 | - 2 | NNW | 1 | b | 1 | 52 | 45 | 0.04 | |
| Jersey | 29.99 | 50 | NNW | 2 | b | 30.15 | 21 | 49 | 47 | o | W | 1 | bc | 1 | 54 | 43 | — | |
| Brest | 30.02 | 49 | NNW | 3 | o | 30.13 | 15 | 45 | 44 | - 3 | ENE | 3 | b | 3 | 54 | 39 | — | |
| Lorient | 30.00 | 51 | NNW | 5 | b | 30.09 | 14 | 45 | 43 | - 5 | ESE | 4 | b | 3 | 55 | 41 | — | |
| Rochefort | 30.02 | 54 | NNW | 5 | o | 30.04 | 02 | 49 | 46 | - 5 | NNE | 5 | o | 2 | 59 | 43 | — | |
| Biarritz | 30.06 | 53 | N | 4 | r | 30.04 | 04 | 46 | 43 | - 2 | S | 3 | r | 3 | 59 | 41 | 0.71 | |
| Corunna | * | * | * | * | * | 30.11 | 00 | 54 | * | + 2 | NE | 4 | c | 5 | * | * | * | |
| Brussels | * | * | * | * | * | 30.04 | 10 | 46 | 44 | - 6 | WSW | 3 | c | * | 62 | 43 | 0.04 | |
| Charleville | 29.91 | 59 | WSW | 3 | o | 30.02 | 01 | 45 | 41 | - 4 | NNW | 3 | bc | * | 65 | 42 | — | |
| Paris | 29.97 | 50 | NNW | 3 | r | 30.09 | 09 | 48 | 45 | - 7 | SW | 3 | o | * | * | * | 0.08 | |
| Lyons | 29.91 | 61 | W | 1 | o | 29.98 | 10 | 51 | 50 | + 5 | N | 1 | o | * | 70 | ? | 0.35 | |
| Toulon | 29.99 | 57 | SE | 1 | b | 29.98 | 06 | 56 | 54 | - 1 | E | 3 | bc | 2 | 63 | 53 | — | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|----|----|----|-----|---|---|---|----|----|------|
| Hawes Junction | 28.57 | 46 | WSW | 5 | b | 28.69 | 33 | 43 | 43 | + 3 | W | 5 | c | 49 | 36 | 0.03 |
|----------------|-------|----|-----|---|---|-------|----|----|----|-----|---|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.44 | 44 | 43 | SSE | 8 | f | 6 | Valentia ... | 29.94 | 51 | 47 | NN | 3 | cp | 3 |
| Sumburgh Head | 29.44 | 49 | 46 | W | 4 | c | 3 | Scilly ... | 29.90 | 52 | 50 | NNN | 5 | cp | 3 |
| Stornoway ... | 29.56 | 50 | 48 | NN | 3 | bc | 3 | Dover ... | 29.87 | 52 | 50 | SW | 4 | c | 3 |
| Aberdeen ... | 29.57 | 53 | 48 | NNN | 3 | bc | 3 | London ... | 29.92 | 57 | 49 | SSN | 3 | c | * |
| Shields ... | 29.67 | 54 | 45 | W | 7 | b | 2 | Yarmouth ... | 29.82 | 56 | 49 | N | 3 | bc | 2 |
| Ardrossan ... | 29.70 | 48 | 45 | NN | 3 | bc | 2 | Jersey ... | 29.96 | 52 | 48 | N | 3 | b | 2 |
| Mullaghmore ... | 29.82 | 51 | 48 | NNN | 4 | bc | 3 | Rochefort ... | 30.03 | 52 | 51 | NW | 5 | r | 2 |
| Holyhead ... | 29.82 | 51 | 48 | W | 3 | b | 3 | | | | | | | | |

Pressure is increasing slowly generally & the wind is light to fresh from NW. in the N. and W., and from W. to SW. in the E. The weather is fine in most parts of the kingdom, but is cloudy in the SE., and cloudy and showing in the SW.

EXPLANATION OF COLUMNS.

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. dew.

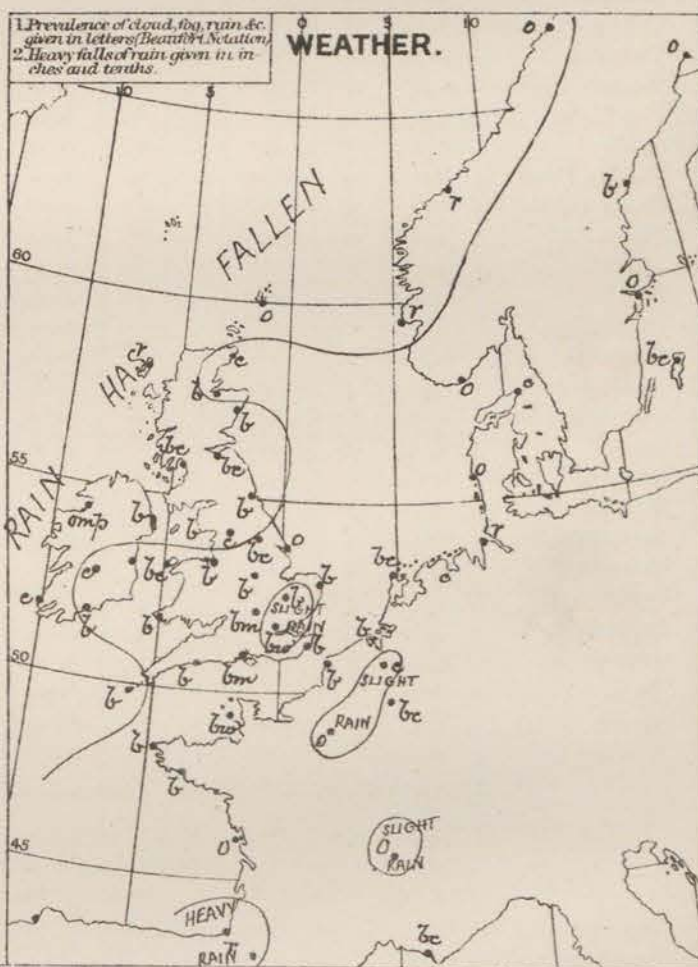
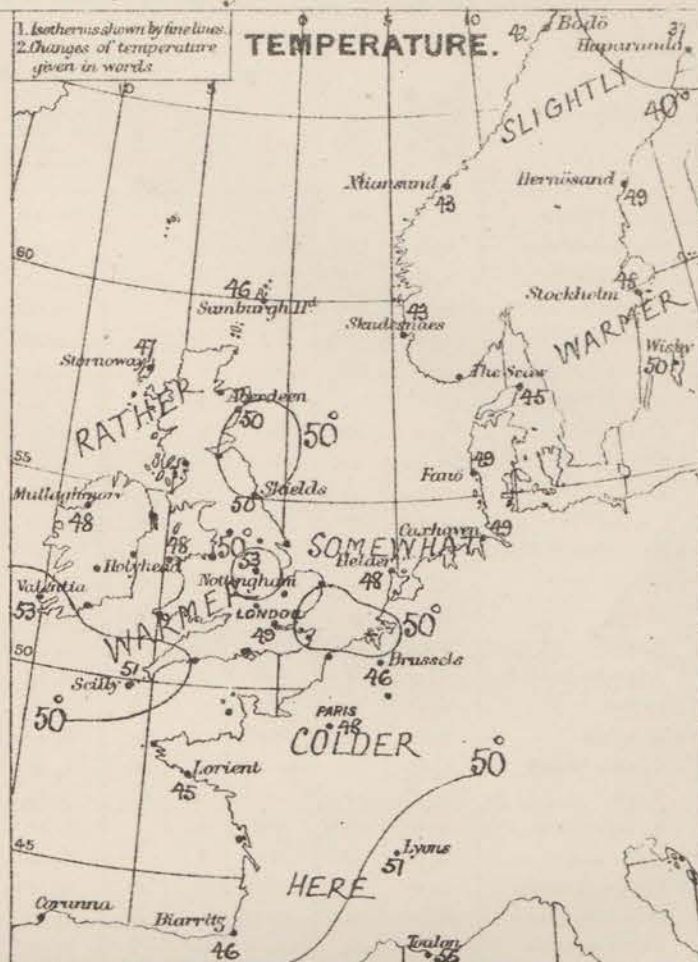
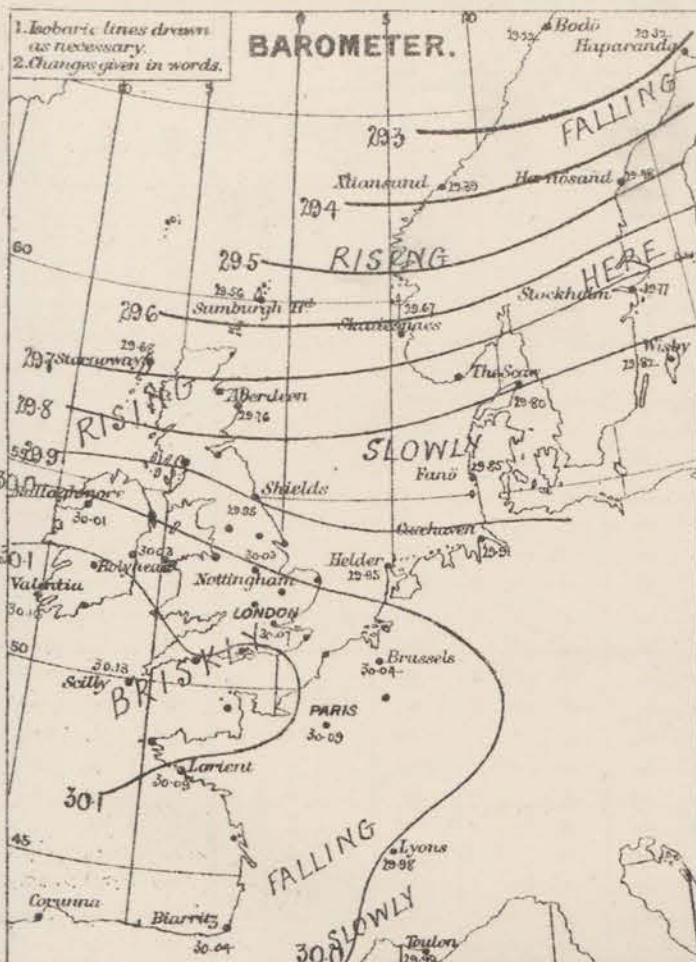
* AN ASTERISK is inserted in all places for which information is not usually received.
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

+ Received too late for insertion in Chart.

WEATHER CHARTS for 8 a.m. on Fri-day 23rd APRIL 1880.



REMARKS. The barometer is still falling over Scandinavia and in the N. of France, but is rising in all other places. Pressure is highest over our W. coasts, and the W. half of the Channel, and lowest over N. Norway, but gradients are nowhere steep. The wind is W. on all our coasts, NW. over the Irish Sea and SW. over Norway and Sweden, while over France the wind is generally E. It is light or moderate in force in most places. The weather is wet on our W. coasts in the W. of Norway and at Biarritz, but in nearly all other places the sky is clear, and the weather fine and bright. Slight showers have occurred in different parts of the Kingdom. Temperature has fallen over France, and the S.E. of England, risen elsewhere, and readings over W. Europe range between 45° and 53°. The sea is moderate to smooth except at Sicily and Stormoway.

DAILY WEATHER REPORT 24th APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|--------|-------------------|----------|--|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|-------------|----------------|---------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dirac. | Force. (0 to 12). | | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda ... | 29.32 | 33 | SW | 2 | b | | 29.28 | -.04 | 36 | 33 | -1 | SW | 2 | b | * | 37 | 27 | - | |
| Hernösand ... | 29.47 | 41 | 2 | 0 | b | | 29.29 | -.19 | 42 | 39 | -7 | 2 | 0 | b | * | 59 | 37 | - | |
| Stockholm ... | 29.58 | 48 | N | 2 | o | | 29.43 | -.34 | 46 | 42 | -2 | WSW | 4 | o | * | 59 | 43 | - | |
| Wisby ... | 29.75 | 42 | NN | 4 | r | | 29.57 | -.25 | 44 | 42 | -6 | N | 4 | b | * | 59 | 41 | 0.08 | |
| Bodö ... | 29.22 | 40 | SW | 4 | o | | 29.22 | 0.00 | 39 | 37 | -3 | SW | 4 | o | 3 | ? | 36 | 0.32 | |
| Christiansund... | 29.30 | 43 | S | 1 | o | | 29.24 | -.15 | 40 | 39 | -3 | S | 4 | r | 3 | 46 | 34 | 0.32 | |
| † Skudesnaes ... | 29.30 | 43 | WSW | 6 | r | | 29.47 | -.20 | 42 | 41 | -1 | N | 4 | o | 4 | 46 | ? | - | |
| Oxö (Xtiansund)... | 29.62 | 43 | SW | 6 | c | | 29.49 | -.26 | 41 | 39 | -2 | WSW | 6 | b | 3 | 46 | 39 | 0.08 | |
| Skagen (The Skaw) | 29.67 | 44 | WSW | 5 | o | | 29.51 | -.29 | 46 | 42 | +1 | N | 5 | c | 6 | 34 | 43 | - | |
| Fanö ... | 29.77 | 47 | WSW | 5 | o | | 29.77 | -.09 | 51 | 47 | +2 | N | 6 | b | * | 52 | 45 | - | |
| Cuxhaven ... | 30.08 | 52 | NN | 3 | b | | 29.90 | -.01 | 51 | 50 | +2 | N | 5 | c | * | 52 | 45 | 0.06 | |
| † Sumburgh Head | 29.47 | 43 | NNW | 5 | b | | 29.45 | -.11 | 46 | 42 | 0 | N | 6 | b | 6 | 50 | 39 | 0.14 | |
| † Stornoway ... | 29.74 | 47 | NNW | 5 | b | | 29.62 | -.06 | 46 | 45 | -1 | NN | 5 | b | 5 | 50 | 40 | 0.05 | |
| Wick ... | 29.64 | 44 | NN | 6 | b | | 29.58 | -.08 | 43 | 41 | -5 | NN | 6 | r | 1 | 53 | 42 | 0.04 | |
| Nairn ... | 29.74 | 47 | WSW | 4 | b | | 29.63 | -.10 | 50 | 45 | +1 | N | 6 | b | 3 | 52 | 41 | 0.05 | |
| † Aberdeen ... | 29.73 | 52 | NNW | 3 | c | | 29.69 | -.07 | 46 | 43 | -4 | N | 3 | c | 2 | 57 | 40 | 0.03 | |
| Leith ... | 29.83 | 51 | NN | 5 | b | | 29.78 | -.05 | 47 | 45 | -3 | N | 1 | o | * | 57 | 44 | - | |
| † Shields ... | 29.87 | 52 | NNW | 7 | o | | 29.84 | -.04 | 47 | 45 | -3 | N | 4 | o | 2 | 55 | 41 | 0.04 | |
| Spurn Head ... | 29.98 | 52 | WSW | 4 | b | | 29.95 | 0.00 | 48 | 46 | +1 | WSW | 4 | r | 4 | 54 | 46 | 0.03 | |
| York ... | 29.99 | 52 | N | 5 | o | | 29.94 | -.02 | 48 | 46 | -1 | N | 4 | o | * | 60 | 46 | 0.01 | |
| Nottingham ... | 30.05 | 53 | NNW | 2 | c | | 30.00 | -.03 | 52 | 49 | -1 | SW | 2 | o | * | 61 | 47 | - | |
| † Ardrossan ... | 29.90 | 49 | NNW | 4 | c | | 29.82 | -.08 | 48 | 46 | +1 | SW | 3 | o | 3 | 50 | 45 | - | |
| † Mullaghmore ... | 30.06 | 50 | N | 5 | o | | 29.98 | -.03 | 49 | 48 | +1 | N | 5 | ogd | 4 | 53 | 49 | 0.04 | |
| Donaghadee ... | 30.01 | 59 | NN | 4 | o | | 29.94 | -.04 | 50 | 49 | 0 | N | 4 | c | 2 | 56 | 46 | 0.02 | |
| Parsonstown ... | 30.12 | 53 | NNW | 3 | o | | 30.07 | -.04 | 49 | 47 | 0 | NNW | 3 | o | * | 56 | 48 | - | |
| † Holyhead ... | 30.07 | 51 | SW | 4 | b | | 30.00 | -.03 | 49 | 48 | +1 | SW | 3 | m | 2 | 53 | 48 | 0.05 | |
| Liverpool (Bidston) | 30.03 | 52 | WSW | 5 | c | | 29.98 | -.04 | 48 | 47 | -1 | WSW | 4 | o | 2 | 54 | 48 | - | |
| † Valentia ... | 30.20 | 53 | N | 3 | om | | 30.15 | -.01 | 52 | 50 | -1 | N | 3 | om | 3 | 57 | 48 | - | |
| Roche's Point ... | 30.15 | 53 | NNW | 3 | b | | 30.12 | -.03 | 51 | 47 | +2 | NNW | 4 | c | 3 | 58 | 48 | - | |
| Pembroke ... | 30.16 | 50 | WSW | 2 | b | | 30.09 | -.01 | 49 | 48 | +1 | WSW | 2 | b | 3 | 53 | 47 | - | |
| † Scilly ... | 30.22 | 52 | N | 4 | c | | 30.19 | +0.06 | 52 | 51 | +1 | N | 4 | o | 4 | 54 | 48 | - | |
| Prawle Point ... | 30.18 | 52 | WSW | 4 | b | | 30.16 | +0.06 | 49 | 48 | -1 | WSW | 3 | b | 3 | 55 | 43 | - | |
| Hurst Castle ... | 30.15 | 51 | N | 4 | b | | 30.15 | +0.03 | 49 | 48 | +4 | N | 4 | b | 3 | 54 | 45 | - | |
| † Dover ... | 30.08 | 51 | WSW | 3 | b | | 30.09 | +0.05 | 49 | 46 | -3 | WSW | 4 | b | 3 | 58 | 45 | - | |
| † London ... | 30.08 | 58 | WSW | 2 | b | | 30.10 | +0.03 | 54 | 50 | +5 | N | 2 | c | * | 64 | 42 | - | |
| Oxford ... | 30.08 | 55 | WSW | 1 | b | | 30.07 | 0.00 | 50 | 48 | +2 | N | 2 | o | * | 60 | 37 | - | |
| Cambridge ... | 30.04 | 57 | N | 1 | b | | 30.01 | -.03 | 50 | 48 | +3 | WSW | 1 | o | * | 62 | 43 | - | |
| † Yarmouth ... | 30.02 | 57 | N | 2 | b | | 30.01 | +0.01 | 50 | 48 | 0 | N | 2 | c | 2 | 59 | 44 | - | |
| The Helder ... | * | * | * | * | * | | 29.97 | +0.02 | 49 | 46 | +1 | WSW | 2 | o | * | * | * | * | |
| Cape Gris Nez ... | 30.12 | 51 | SW | 4 | b | | 30.13 | +0.10 | 48 | 47 | +2 | N | 3 | b | 2 | 55 | 45 | - | |
| † Jersey ... | 30.23 | 50 | NN | 2 | b | | 30.24 | +0.09 | 49 | 48 | 0 | N | 2 | b | 2 | 55 | 43 | 0.01 | |
| Brest ... | 30.23 | 51 | N | 4 | b | | 30.27 | +0.14 | 46 | 45 | +1 | 2 | o | b | 2 | 54 | 45 | - | |
| Lorient ... | 30.17 | 54 | NNW | 4 | b | | 30.22 | +0.13 | 45 | 41 | 0 | ENE | 2 | b | 1 | 57 | 41 | - | |
| † Rochefort ... | 30.11 | 59 | NE | 5 | b | | 30.16 | +0.12 | 48 | 45 | -1 | NE | 7 | b | 2 | 68 | 41 | - | |
| Biarritz ... | 30.10 | 48 | SSE | 1 | r | | 30.07 | +0.03 | 47 | 44 | +1 | ESE | 1 | o | 3 | 55 | 41 | 0.28 | |
| Corunna ... | * | * | * | * | * | | | | * | | | | | | | * | * | * | |
| Brussels ... | * | * | * | * | * | | 30.12 | +0.08 | 48 | 45 | +2 | SW | 1 | b | * | 60 | 43 | - | |
| Charleville ... | 30.11 | 57 | N | 3 | b | | 30.17 | +0.15 | 40 | 37 | -5 | SE | 1 | b | * | 64 | 34 | - | |
| Paris ... | 30.13 | 58 | NN | 2 | b | | 30.21 | +0.12 | 50 | 45 | +2 | NN | 1 | b | * | * | * | - | |
| Lyons ... | 30.06 | 55 | NNW | 1 | o | | 30.16 | +0.18 | 51 | 47 | 0 | NNW | 1 | o | * | 61 | 45 | - | |
| Toulon ... | 30.04 | 60 | N | 1 | b | | 30.06 | +0.08 | 58 | 51 | +2 | E | 4 | c | 2 | 66 | 52 | - | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|--|-------|------|----|----|----|---|---|---|---|----|----|------|
| Hawes Junction | 28.71 | 44 | N | 6 | o | | 28.66 | -.03 | 42 | 42 | -1 | N | 6 | r | * | 45 | 41 | 0.17 |
|----------------|-------|----|---|---|---|--|-------|------|----|----|----|---|---|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|---|---|
| Skudesnaes | 29.63 | 46 | 44 | SWW | 5 | o | 5 | Valentia | 30.19 | 55 | 52 | WSW | 2 | c | 3 |
| Sumburgh Head | 29.48 | 47 | 45 | WSW | 5 | r | 4 | Scilly | 30.19 | 53 | 51 | NNW | 4 | b | 4 |
| Stornoway | 29.70 | 50 | 47 | NNW | 6 | o | 5 | Dover | 30.08 | 54 | 51 | SW | 2 | b | 2 |
| Aberdeen | 29.71 | 56 | 49 | W | 4 | c | 2 | London | 30.07 | 58 | 49 | W | 3 | c | * |
| Shields | 29.90 | 52 | 49 | NNW | 6 | b | 2 | Yarmouth | 30.02 | 57 | 48 | W | 2 | b | 2 |
| Ardrossan | 29.90 | 49 | 47 | WSW | 3 | c | 3 | Jersey | 30.20 | 54 | 50 | NNW | 2 | b | 2 |
| Mullaghmore | 30.04 | 52 | 50 | W | 5 | o | 4 | Rochefort | 30.08 | 65 | 54 | NE | 5 | b | 2 |
| Holyhead | 30.08 | 52 | 49 | SW | 4 | 4 | c | | | | | | | | |

Pressure is decreasing a little in the NW, increasing in all other places except Valentia, where the mercury has been steady since noon. The wind is light to fresh from the NW and the weather is very fine in the S. and E.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. rain; n. mist; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

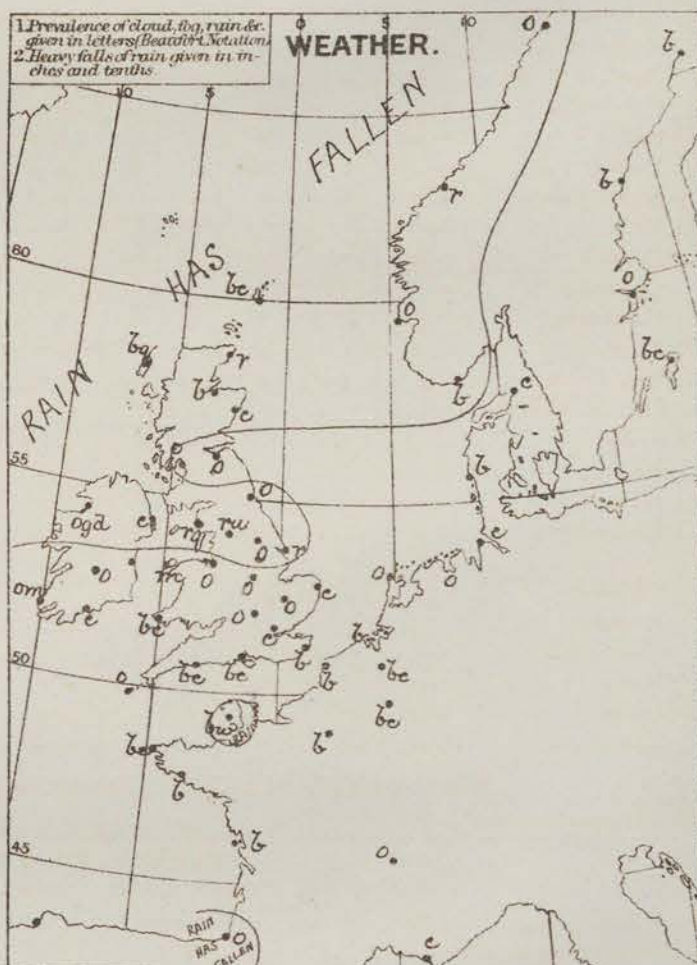
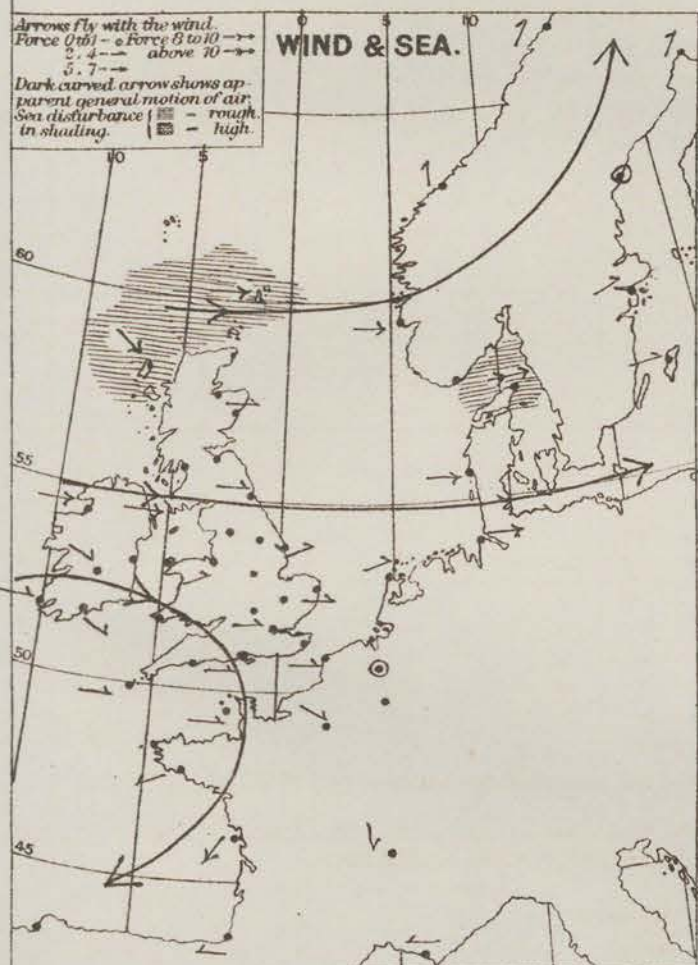
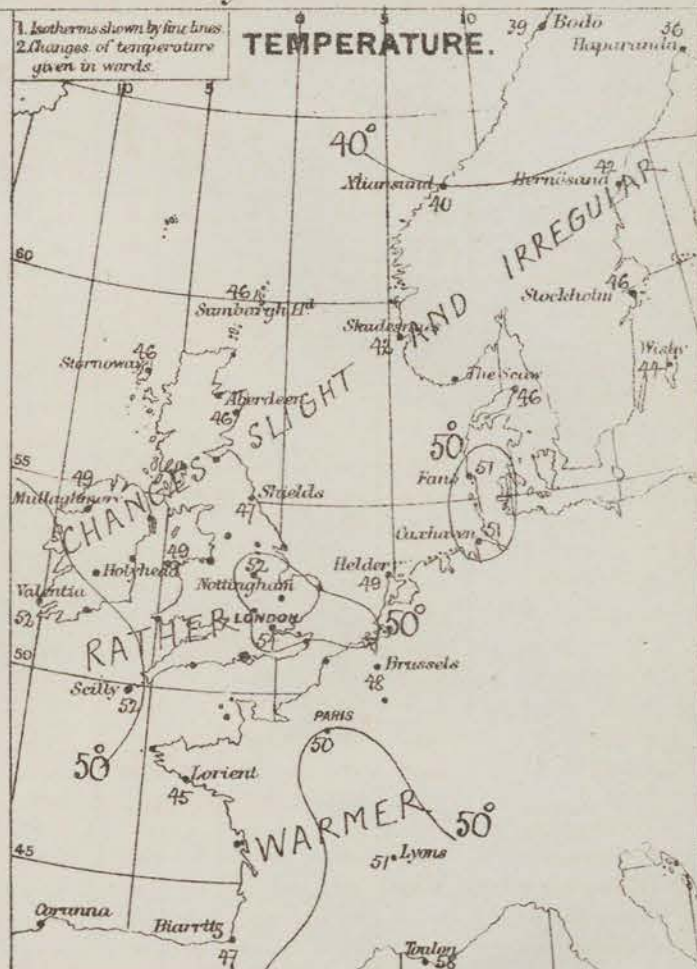
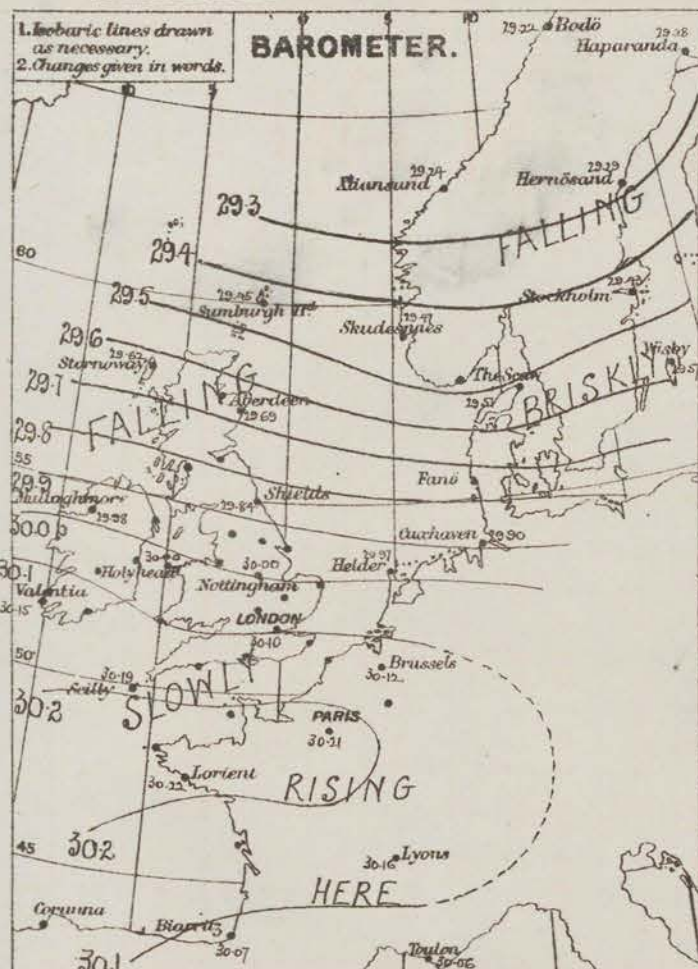
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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

WEATHER CHARTS *for 8 a.m. on Saturday 24TH APRIL, 1880.*



REMARKS. Pressure is increasing a little over France, but is decreasing over the whole of these Islands and the countries to the E^o of the North Sea. An area of high readings lies over the N. of France, while a large depression is shown over the N. of Scandinavia, and a small subsidiary depression is apparently advancing over Wales from the W^o. The wind is N^o over nearly the whole of these Islands and the North Sea, and SW over the N. of Scandinavia, while in France an E^o current still prevails. The wind is generally fresh in force at our more N^o stations, and increases to a gale over the Skager Rack, but in the East is moderate or light. The weather is fine over the Channel and N. of France as well as in a few other places locally, but the sky is generally cloudy or overcast, with rain at Mullaghmore, Wick and Spinn Head. Slight rain has fallen in the N. Emerald Isles was seen at Oxford, Hurst Castle and in London last night. Temperature has changed little and rather irregularly, and readings range from 43° at Wick to 54° in London. The maximum in London yesterday was 64°. The sea is rough in the N. and moderates to slight elsewhere.

| | | | |
|---|--|---|----------------------------|
| Subscription for these charts payable in advance to cover delivery. | { Delivery by hand 10/- per quarter " " " " book post 6/- " " " | Meteorological Office. 116, Victoria Street, Westminster, S.W. | R. H. SCOTT. Secretary. |
|---|--|---|----------------------------|

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

R. H. SCOTT.
Secretary

DAILY WEATHER REPORT 25TH APRIL 1880.

| STATIONS. | + YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|----------------|---------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | | |
| Helsingfors | 29.28 | 30 | S | 2 | b | 28.97 | - .31 | 29 | 34 | + 3 | N | 1 | b | * | 39 | 25 | - | |
| Hernösand | 29.30 | 37 | Z | 0 | b | 28.93 | - .36 | 42 | 40 | 0 | S | 2 | be | * | 55 | 25 | - | |
| Stockholm | 29.36 | 41 | W | 4 | o | 29.44 | + .01 | 43 | 40 | - 3 | W | 4 | b | * | 50 | 39 | 0.12 | |
| Wisby | 29.55 | 44 | NNW | 6 | b | 29.50 | - .07 | 45 | 43 | + 1 | WSW | 4 | c | * | 48 | 37 | - | |
| Bodo | | | | | | | | | | | | | | | | | | |
| Christiansund | 29.35 | 42 | NNW | 1 | c | 29.43 | + .09 | 41 | 40 | + 1 | NNW | 2 | o | 3 | 46 | 34 | 0.01 | |
| † Skudesnaes | 29.41 | 41 | WSW | 3 | rf | 29.49 | + .02 | 42 | 41 | 0 | NW | 6 | c | 4 | 3 | 41 | - | |
| Oxö (Xtiansund) | 29.48 | 42 | SSW | 4 | o | 29.40 | - .09 | 40 | 38 | - 1 | W | 2 | c | 2 | 48 | 37 | 0.08 | |
| Skagen (The Skaw) | 29.32 | 42 | W | 5 | b | 29.39 | - .12 | 42 | 40 | - 4 | W | 4 | c | 3 | 48 | 37 | 0.08 | |
| Fanö | 29.61 | 46 | W | 6 | c | 29.59 | - .18 | 47 | 44 | - 4 | W | 6 | c | * | 3 | 43 | 0.12 | |
| Cuxhaven | 29.57 | 49 | W | 5 | r | 29.74 | - .16 | 50 | 49 | - 1 | NNW | 5 | b | * | 52 | 45 | 0.09 | |
| † Sumburgh Head | 29.45 | 43 | NW | 4 | a | 29.75 | + .30 | 42 | 39 | - 4 | NNW | 5 | be | 5 | 48 | 37 | 0.21 | |
| † Stornoway | 29.73 | 45 | NW | 7 | bq | 29.95 | + .33 | 41 | 40 | - 5 | N | 5 | b | 5 | 49 | 37 | 0.23 | |
| Wick | 29.60 | 45 | NNW | 6 | o | 29.86 | + .28 | 45 | 42 | + 2 | N | 6 | bc, p | 6 | 49 | 39 | 0.25 | |
| Nairn | 29.72 | 41 | W | 5 | o | 29.90 | + .27 | 43 | 43 | - 7 | NW | 5 | o | 4 | 52 | 39 | 0.13 | |
| † Aberdeen | 29.67 | 47 | NW | 6 | bp | 29.85 | + .16 | 43 | 42 | - 3 | NNW | 4 | cp | 2 | 54 | 41 | 0.15 | |
| Leith | 29.78 | 46 | NW | 1 | b | 29.89 | + .11 | 49 | 44 | + 2 | NW | 1 | b | * | 56 | 38 | - | |
| † Shields | 29.77 | 52 | NW | 5 | b | 29.89 | + .15 | 47 | 42 | 0 | NNW | 3 | c | 2 | 56 | 39 | - | |
| Spurn Head | 29.83 | 51 | SW | 5 | c | 29.88 | - .07 | 46 | 43 | - 2 | WNW | 5 | b | 5 | 52 | 42 | 0.01 | |
| York | 29.85 | 54 | W | 4 | be | 29.91 | - .03 | 48 | 43 | 0 | NW | 3 | b | * | 59 | 37 | - | |
| Nottingham | 29.93 | 54 | SW | 3 | be | 29.97 | - .03 | 50 | 45 | - 2 | NW | 2 | be | * | 60 | 37 | - | |
| † Ardrossan | 29.85 | 48 | NNW | 5 | be | 29.94 | + .12 | 47 | 44 | - 1 | NNW | 2 | be | 2 | 51 | 42 | 0.02 | |
| † Mullaghmore | 30.02 | 50 | NW | 5 | b | 30.06 | + .08 | 47 | 44 | - 2 | NNW | 6 | be | 4 | 52 | 43 | 0.02 | |
| Donaghadee | 29.95 | 51 | NW | 4 | be | 30.02 | + .08 | 46 | 45 | - 4 | NNW | 3 | be | 1 | 55 | 40 | 0.03 | |
| Parsonstown | 30.04 | 52 | NW | 2 | o | 30.13 | + .05 | 46 | 43 | - 3 | NNW | 2 | b | * | 55 | 35 | 0.02 | |
| † Holyhead | 29.95 | 51 | WSW | 2 | c | 30.01 | + .01 | 46 | 44 | - 3 | NNW | 4 | b | 3 | 52 | 44 | 0.05 | |
| Liverpool (Bidston) | 29.92 | 48 | W | 5 | r | 29.98 | 00 | 46 | 43 | - 2 | NNW | 5 | be | 4 | 54 | 43 | 0.06 | |
| † Valentia | 30.11 | 52 | NW | 4 | c | 30.17 | + .02 | 50 | 45 | - 2 | NNW | 2 | c | 2 | 55 | 46 | - | |
| Roche's Point | 30.10 | 54 | NW | 3 | c | 30.13 | + .01 | 46 | 43 | - 5 | NW | 3 | o | 3 | 59 | 42 | - | |
| Pembroke | 30.04 | 49 | W | 3 | r | 30.08 | - .01 | 47 | 44 | - 2 | NNW | 2 | b | 3 | 53 | 43 | 0.01 | |
| † Scilly | 30.12 | 52 | NNW | 5 | op | 30.08 | - .11 | 50 | 48 | - 2 | NNE | 5 | c | 4 | 54 | 48 | - | |
| Prawle Point | 30.06 | 52 | W | 4 | be | 30.02 | - .14 | 51 | 49 | + 2 | N | 3 | b | 2 | 54 | 46 | - | |
| Hurst Castle | 30.05 | 50 | W | 4 | be | 30.01 | - .14 | 52 | 50 | + 2 | NE | 3 | be | 3 | 54 | 48 | - | |
| † Dover | 29.97 | 51 | SW | 4 | cg | 29.95 | - .14 | 51 | 45 | + 2 | NNW | 3 | b | 2 | 56 | 48 | - | |
| † London | 29.99 | 55 | W | 3 | o | 29.99 | - .11 | 53 | 45 | - 1 | NNW | 2 | be | * | 59 | 47 | - | |
| Oxford | 29.97 | 52 | W | 2 | og | 29.98 | - .09 | 48 | 43 | - 2 | W | 1 | b | * | 60 | 44 | - | |
| Cambridge | 29.94 | 52 | WSW | 1 | r | 29.96 | - .05 | 49 | 44 | - 1 | NW | 1 | b | * | 57 | 40 | 0.03 | |
| † Yarmouth | 29.90 | 53 | W | 4 | og | 29.90 | - .11 | 47 | 43 | - 3 | NW | 3 | b | 2 | 56 | 40 | - | |
| The Helder | * | * | * | * | * | 29.84 | - .13 | 46 | 43 | - 3 | NNW | 4 | be | * | * | * | * | |
| Cape Gris Nez | 30.02 | 49 | WSW | 7 | c | 29.97 | - .16 | 49 | 45 | + 1 | WSW | 1 | o | 1 | 54 | 48 | - | |
| † Jersey | 30.15 | 51 | W | 3 | b | 30.05 | - .19 | 50 | 49 | + 1 | NW | 1 | om | 1 | 54 | 47 | - | |
| Brest | 30.17 | 52 | NNW | 3 | o | 30.07 | - .20 | 49 | 49 | + 3 | NNW | 3 | m | 3 | 55 | 45 | - | |
| Lorient | 30.11 | 55 | NNW | 5 | b | 30.04 | - .18 | 47 | 46 | + 2 | NNE | 3 | f | 2 | 57 | 43 | - | |
| † Rochefort | 30.04 | 66 | NNE | 3 | be | 30.00 | - .16 | 52 | 48 | + 4 | NE | 7 | o | 2 | 72 | 43 | - | |
| Biarritz | 30.03 | 55 | NNE | 4 | r | 29.93 | - .14 | 55 | 52 | + 8 | SW | 4 | o | 3 | 59 | 45 | - | |
| Corunna | * | * | * | * | * | 30.02 | - .08 | 50 | * | + 1 | NNE | 6 | c | 4 | * | * | * | |
| Brussels | * | * | * | * | * | 29.93 | - .19 | 49 | 47 | + 1 | W | 3 | o | * | 62 | 48 | 0.12 | |
| Charleville | 30.02 | 60 | NNW | 5 | b | 29.96 | - .21 | 47 | 43 | + 7 | SW | 3 | o | * | 66 | 39 | - | |
| Paris | 30.06 | 62 | NNW | 3 | b | 30.02 | - .19 | 50 | 47 | 0 | NW | 3 | o | * | * | * | - | |
| Lyons | 30.04 | 64 | N | 1 | be | 30.00 | - .16 | 52 | 52 | + 1 | NE | 1 | o | * | 68 | 47 | - | |
| Toulon | 30.05 | 59 | SE | 5 | be | 30.00 | - .06 | 54 | 49 | - 4 | E | 5 | o | 3 | 66 | 52 | - | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|----|-------|-------|----|----|-----|-----|---|---|---|----|----|------|
| Hawes Junction | 28.60 | 47 | SW | 8 | bq | 28.67 | + .01 | 40 | 37 | - 2 | NNW | 5 | o | * | 48 | 32 | 0.06 |
|----------------|-------|----|----|---|----|-------|-------|----|----|-----|-----|---|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|------|--------|---|---------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.50 | 49 | 45 | WSW | 6 | bf | 5 | Valentia ... | 30.13 | 54 | 52 | W | 3 | om | 4 |
| Sumburgh Head | 29.59 | 39 | 39 | WN | 4 | r | 4 | Scilly ... | 30.16 | 54 | 53 | W | 4 | o | 4 |
| Stornoway ... | 29.63 | 49 | 46 | NNW | 6 | cg, hp | 6 | Dover ... | 30.05 | 53 | 50 | WSW | 4 | e | 3 |
| Aberdeen ... | 29.61 | 52 | 47 | WN | 4 | b | 2 | London ... | 30.03 | 58 | 52 | W | 3 | o | * |
| Shields .. | 29.78 | 51 | 49 | W | 5 | r | 2 | Yarmouth ... | 29.96 | 54 | 50 | W | 3 | c | 2 |
| Ardrossan ... | 29.81 | 50 | 47 | WNW | 3 | be | 2 | Jersey ... | 30.20 | 52 | 49 | WNW | 3 | be | 3 |
| Mullaghmore ... | 29.97 | 50 | 49 | W | 5 | og, m | 4 | Rochefort ... | 30.08 | 69 | 64 | NE | 7 | b | 2 |
| Holyhead ... | 29.98 | 50 | 49 | WSW | 3 | m | 2 | | | | | | | | |

Pressure is increasing at our extreme northern stations, but still decreases elsewhere, and moderate to fresh W. wind prevail in all parts of the country with cloudy weather except at Aberdeen and over the Clyde.

EXPLANATION OF COLUMNS.

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. dew.

+ AN ASTERISK is inserted in all places for which information is not usually received.

+ The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

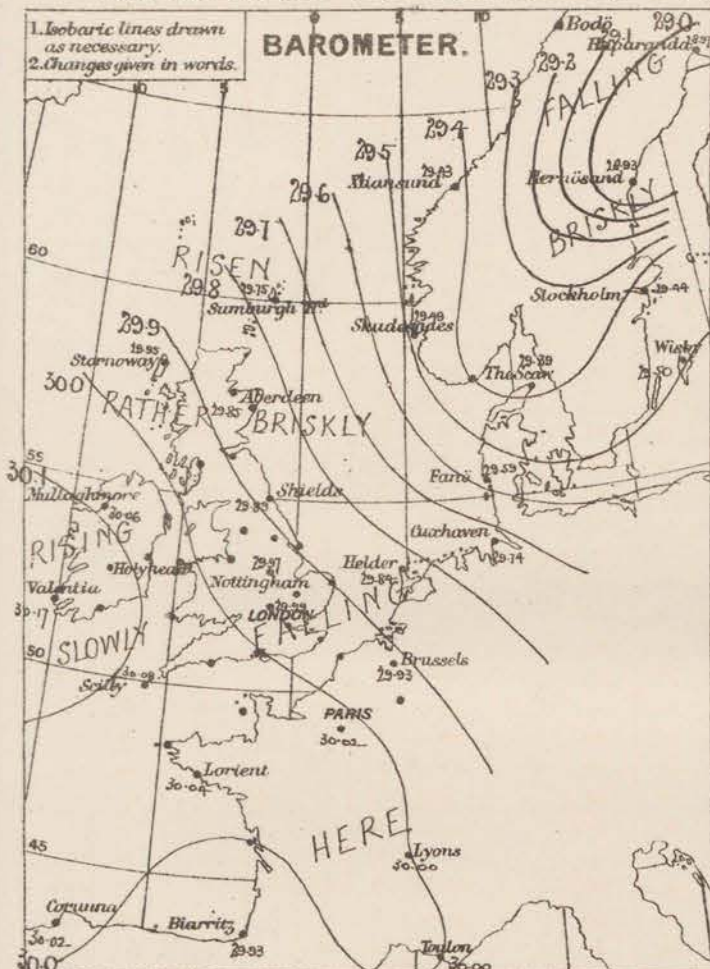
† These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Sunday 25th APRIL 1880.

1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



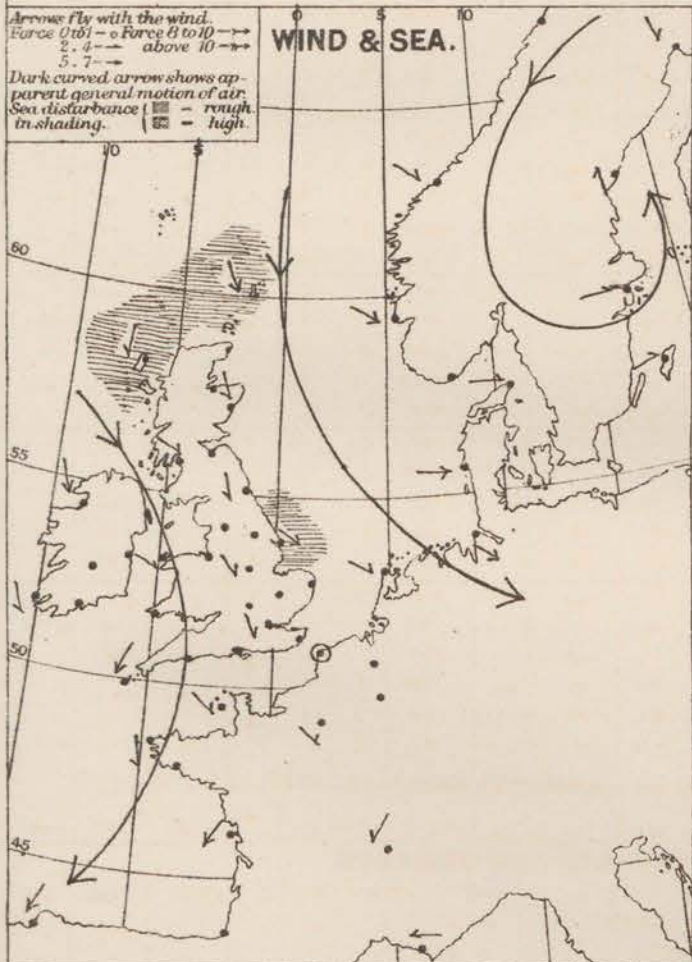
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



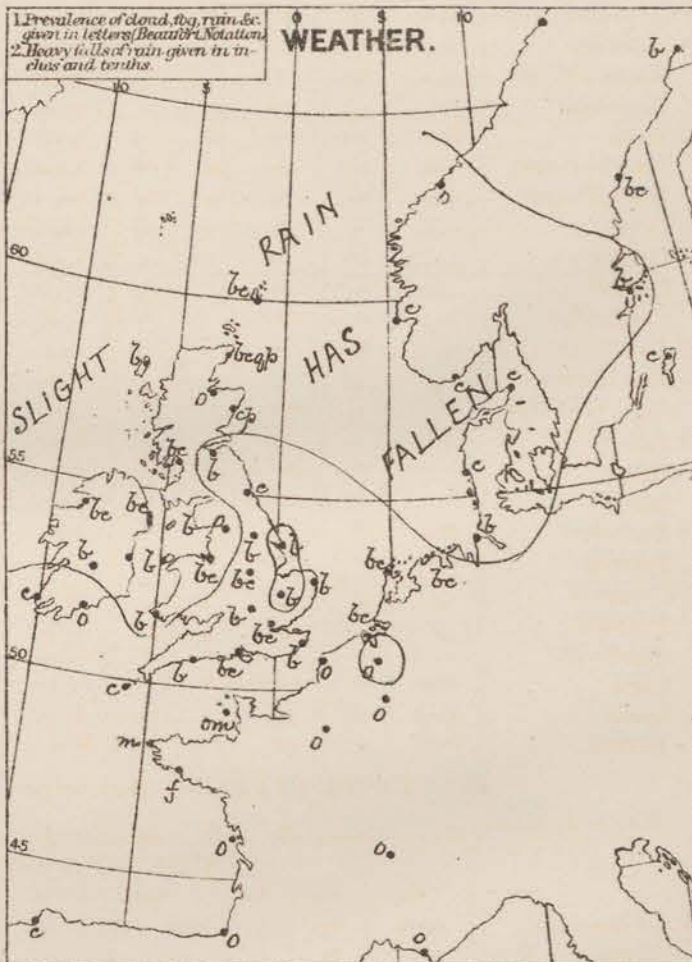
Arrows fly with the wind.
Force 0 to 1 - Force 2 to 10 -
2. 4 - above 10 -
5. 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance () - rough in shading. () - high

WIND & SEA.



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

WEATHER.



REMARKS.

Weather is fine over nearly the whole country this morning, but at Aberdeen showers of rain are reported, while in the E. shores of the North Sea as well as over the whole of France the sky is cloudy or overcast. Slight showers of rain have occurred during the past 24 hours on our W. and N. coasts, but the weather generally has been dry. Temperature has decreased a little in most parts of the country, and readings range from 51° in the SW and 51° at Dover to about 41° in the N. of Scotland. The wind blows from NW or N on most of our own and the French coasts, but draws into W over the North Sea. On our NW and N. coasts as well as in Norway and Denmark the wind blows fresh or strongly, but in all other places it is light or moderate. Pressure is increasing in the N. and W, but is decreasing in the SE. Readings are highest off our SW coasts, and lowest over Scandinavia. The sea is rather rough in the southern N. slight elsewhere.

Subscription for these Charts payable in advance to cover delivery.

Delivery by hand 10/- per quarter.
book post 5/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 26th APRIL 1880.

| STATIONS. | + YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.50 | 34 | N | 2 | b | 29.57 | + .60 | 34 | 31 | - .5 | NE | 4 | b | * | 48 | 28 | — | | |
| Hernösand | 29.47 | 33 | L | 0 | f | 29.74 | + .81 | 42 | 39 | 0 | N | 4 | o | * | 50 | 28 | — | | |
| Stockholm | 29.40 | 38 | W | 2 | b | 29.55 | + .11 | 42 | 40 | - .1 | WNW | 2 | c | * | 52 | 36 | — | | |
| Wisby | 29.49 | 41 | SW | 4 | c | 29.59 | + .09 | 40 | 39 | - .5 | W | 4 | b | * | 34 | 37 | — | | |
| Bodö | | | | | | | | | | | | | | | | | | | |
| Christiansund | 29.63 | 42 | NNW | 3 | o | 29.85 | + .42 | 37 | 34 | - .4 | N | 6 | o | 4 | 45 | 28 | 0.16 | | |
| Skudesnaes | 29.64 | 45 | NT | 4 | b | 29.75 | + .26 | 41 | 39 | - .1 | NNW | 6 | c | 4 | 45 | 41 | — | | |
| Oxö (Xtiansund) | 29.34 | 45 | NNW | 4 | b | 29.69 | + .29 | 40 | 39 | 0 | N | 4 | c | 2 | 54 | 37 | — | | |
| Skagen (The Skaw) | 29.53 | 44 | NT | 2 | b | 29.64 | + .25 | 44 | 41 | + .2 | NNE | 5 | c | 2 | 55 | 37 | — | | |
| Fanö | 29.75 | 43 | NNW | 6 | c | 29.78 | + .19 | 45 | 42 | - .2 | NNW | 6 | c | * | 50 | 41 | — | | |
| Cuxhaven | 29.83 | 48 | NT | 6 | o | 29.89 | + .15 | 48 | 47 | - .2 | W | 3 | b | * | 50 | 43 | 0.01 | | |
| Sumburgh Head | 29.55 | 42 | NNW | 5 | c | 30.11 | + .36 | 40 | 37 | - .2 | N | 4 | c | 4 | 45 | 35 | 0.01 | | |
| Stornoway | 30.07 | 42 | NNW | 6 | c | 30.23 | + .28 | 41 | 39 | - .0 | NE | 5 | o | 5 | 46 | 39 | 0.06 | | |
| Wick | 29.95 | 40 | N | 5 | c | 30.15 | + .29 | 44 | 40 | - .1 | N | 5 | c | 3 | 46 | 34 | 0.07 | | |
| Nairn | 29.93 | 43 | E | 3 | r | 30.18 | + .25 | 39 | 37 | - .4 | WN | 5 | ap | 4 | 49 | 37 | 0.10 | | |
| Aberdeen | 29.97 | 43 | N | 4 | b | 30.13 | + .28 | 40 | 38 | - .3 | N | 4 | b | 3 | 50 | 35 | 0.37 | | |
| Leith | 29.97 | 44 | SE | 1 | b | 30.15 | + .26 | 48 | 43 | - .1 | N | 2 | b | * | 51 | 36 | 0.08 | | |
| Shields | 29.97 | 44 | L | 0 | o | 30.09 | + .20 | 42 | 39 | - .5 | N | 3 | b | 3 | 49 | 36 | 0.15 | | |
| Spurn Head | 29.96 | 45 | NNW | 4 | b | 30.02 | + .14 | 44 | 42 | - .2 | N | 5 | b | 5 | 50 | 41 | 0.07 | | |
| York | 29.97 | 49 | NNW | 1 | o | 30.09 | + .16 | 43 | 38 | - .5 | N | 3 | o | * | 55 | 38 | 0.29 | | |
| Nottingham | 30.01 | 47 | NNW | 2 | c | 30.08 | + .11 | 47 | 42 | - .3 | N | 3 | b | * | 59 | 35 | — | | |
| Ardrossan | 29.95 | 48 | NNW | 4 | b | 30.17 | + .23 | 43 | 42 | - .4 | E NE | 2 | b | 2 | 50 | 37 | 0.07 | | |
| Mullaghmore | 30.15 | 49 | N | 5 | b | 30.26 | + .20 | 43 | 42 | - .4 | NNE | 5 | c | 4 | 52 | 41 | 0.04 | | |
| Donaghadee | 30.08 | 46 | NNW | 4 | b | 30.20 | + .18 | 44 | 41 | - .2 | N | 4 | b | 3 | 52 | 40 | 0.03 | | |
| Parsonstown | 30.12 | 50 | N. | 2 | b | 30.27 | + .14 | 44 | 40 | - .2 | NNW | 3 | b | * | 55 | 35 | 0.01 | | |
| Holyhead | 30.05 | 49 | NT | 3 | b | 30.13 | + .12 | 45 | 42 | - .1 | NNE | 4 | b | 3 | 49 | 44 | — | | |
| Liverpool (Bidston) | 30.01 | 47 | W | 4 | b | 30.11 | + .14 | 44 | 40 | - .2 | NE | 2 | c | 1 | 51 | 38 | — | | |
| Valentia | 30.17 | 51 | NNW | 4 | b | 30.27 | + .10 | 48 | 42 | - .2 | NNE | 5 | b | 6 | 55 | 37 | — | | |
| Roche's Point | 30.12 | 52 | NNW | 4 | b | 30.20 | + .07 | 44 | 40 | - .2 | NNE | 4 | b | 3 | 57 | 40 | — | | |
| Pembroke | 30.09 | 48 | NT | 1 | b | 30.11 | + .03 | 44 | 44 | - .3 | N | 5 | c | 3 | 51 | 41 | 0.02 | | |
| Scilly | 30.10 | 50 | N | 5 | b | 30.10 | + .02 | 48 | 46 | - .2 | NNE | 6 | c | 4 | 51 | 46 | 0.01 | | |
| Prawle Point | 30.02 | 53 | N | 1 | b | 30.02 | .00 | 49 | 45 | - .2 | NNE | 4 | b | 3 | 56 | 38 | — | | |
| Hurst Castle | 30.00 | 51 | NT | 2 | b | 30.02 | + .01 | 45 | 43 | - .7 | N | 4 | b | 3 | 59 | 39 | — | | |
| Dover | 29.95 | 51 | SW | 3 | b | 29.97 | + .02 | 42 | 41 | - .9 | W | 1 | c | 1 | 57 | 40 | 0.26 | | |
| London | 29.96 | 55 | NW | 2 | b | 30.00 | + .01 | 44 | 41 | - .9 | N | 2 | b | * | 59 | 36 | — | | |
| Oxford | 29.98 | 52 | NT | 2 | c | 30.01 | + .03 | 43 | 41 | - .5 | N | 1 | o | * | 56 | 37 | 0.02 | | |
| Cambridge | 29.98 | 53 | N | 1 | b | 30.02 | + .06 | 39 | 39 | - .10 | NE | 1 | r | * | 61 | 38 | 0.01 | | |
| Yarmouth | 29.94 | 49 | NNE | 3 | b | 30.00 | + .10 | 43 | 42 | - .4 | NE | 2 | r | 3 | 53 | 40 | 0.19 | | |
| The Helder | * | * | * | * | * | 29.95 | + .11 | 45 | 41 | - .1 | NNW | 1 | b | * | * | * | * | | |
| Cape Gris Nez | 29.97 | 53 | L | 0 | b | 29.98 | + .01 | 45 | 43 | - .4 | E | 1 | b | 0 | 57 | 43 | — | | |
| Jersey | 30.03 | 50 | N | 2 | b | 30.01 | - .04 | 48 | 45 | - .2 | NNE | 4 | b | 3 | 54 | 44 | — | | |
| Brest | 30.04 | 50 | NNE | 5 | b | 30.08 | + .01 | 47 | 43 | - .2 | NNE | 4 | b | 2 | 57 | 45 | — | | |
| Lorient | 29.98 | 57 | NE | 4 | c | 29.97 | - .07 | 45 | 42 | - .2 | NNE | 5 | b | 2 | 59 | 43 | — | | |
| Rochefort | 29.91 | 62 | ? | 5 | o | 29.94 | - .16 | 51 | 49 | - .1 | NNE | 7 | b | 2 | 68 | 45 | — | | |
| Biarritz | 29.86 | 55 | NT | 4 | r | 29.77 | - .16 | 53 | 50 | - .2 | SW | 5 | r | 3 | 57 | 48 | 0.24 | | |
| Corunna | * | * | * | * | * | | | | * | | | | | * | * | * | * | | |
| Brussels | * | * | * | * | * | 29.95 | + .02 | 45 | 42 | - .4 | NT | 3 | c | * | 55 | 39 | — | | |
| Charleville | 29.93 | 34 | N | 5 | o | 29.92 | - .04 | 40 | 40 | - .4 | W | 3 | b | * | 59 | 37 | — | | |
| Paris | 29.96 | 57 | NW | 3 | o | 29.91 | - .11 | 50 | 43 | 0 | SE | 3 | b | * | * | * | — | | |
| Lyons | 29.85 | 63 | S | 1 | o | 29.78 | - .22 | 56 | 34 | + .3 | N | 1 | o | * | 75 | 53 | — | | |
| Toulon | 29.87 | 55 | E | 7 | o | 29.75 | - .25 | 54 | 50 | 0 | E | 7 | o | 4 | 53 | 52 | — | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.72 | 43 | NNW | 2 | c | 28.84 | + .17 | 38 | 35 | - .2 | N | 4 | b | * | 50 | 33 | 0.06 | | |

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|---|---|
| Skudesnaes ... | 29.60 | 45 | 41 | NW | 6 | b | 5 | Valentia ... | | | | | | | |
| Sumburgh Head | | | | | | | | Scilly ... | | | | | | | |
| Stornoway ... | | | | | | | | Dover ... | | | | | | | |
| Aberdeen ... | | | | | | | | London ... | | | | | * | | |
| Shields ... | | | | | | | | Yarmouth ... | | | | | | | |
| Ardrossan ... | | | | | | | | Jersey ... | | | | | | | |
| Mullaghmore ... | | | | | | | | Rochefort ... | 29.97 | 63 | 57 | NNE | 4 | 0 | 2 |
| Holyhead ... | | | | | | | | | | | | | | | |

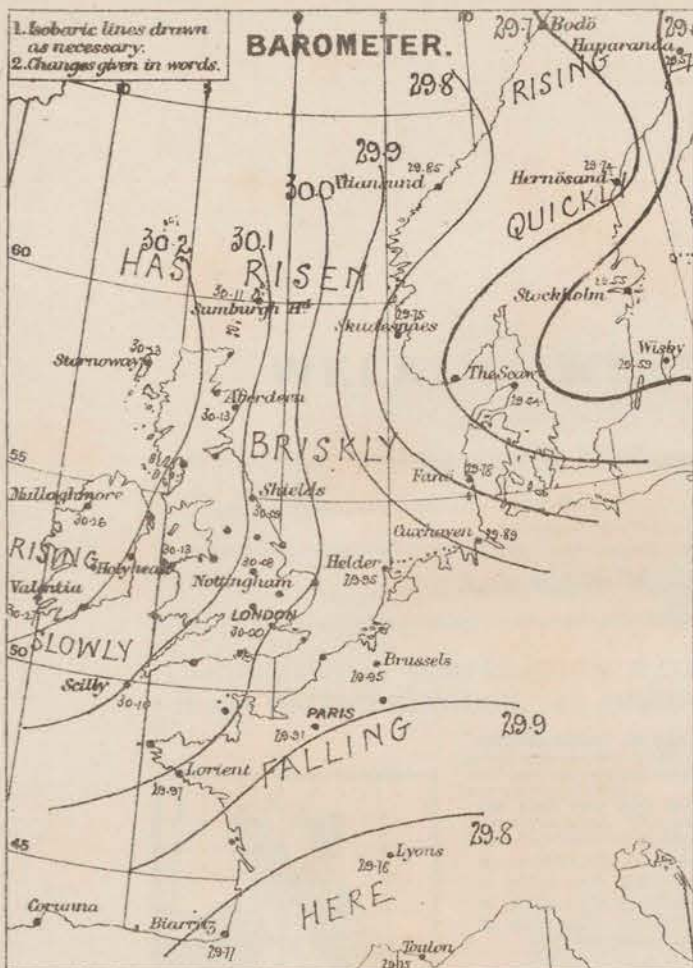
EXPLANATION OF COLUMNS.

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. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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.

WEATHER CHARTS for 8 a.m. on Monday 26th APRIL 1880.

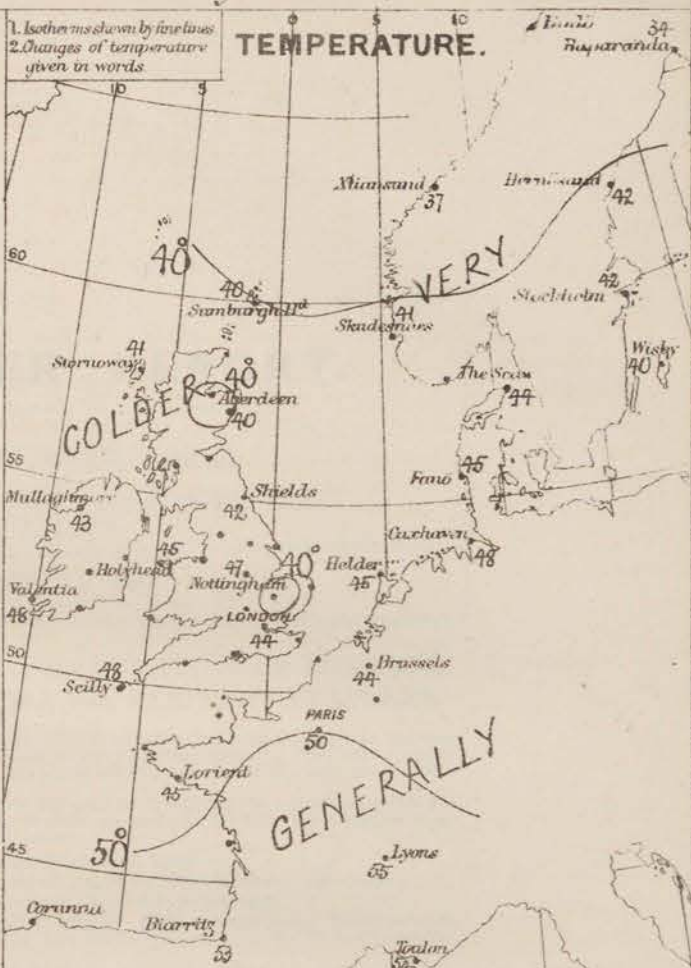
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



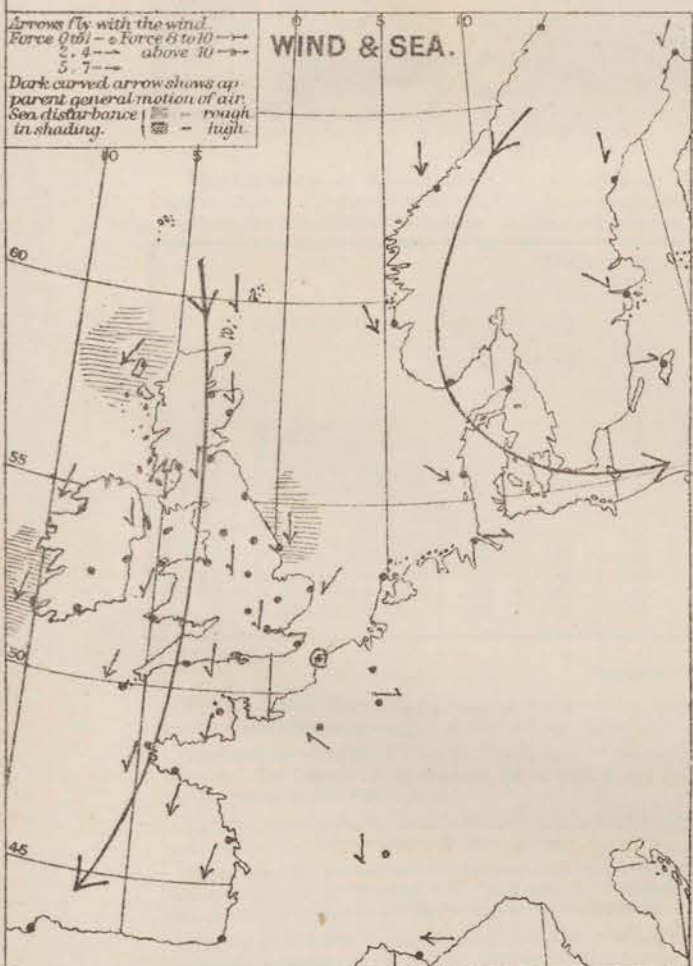
1. Isotherms shown by fine lines
2. Changes of temperature given in words

TEMPERATURE.



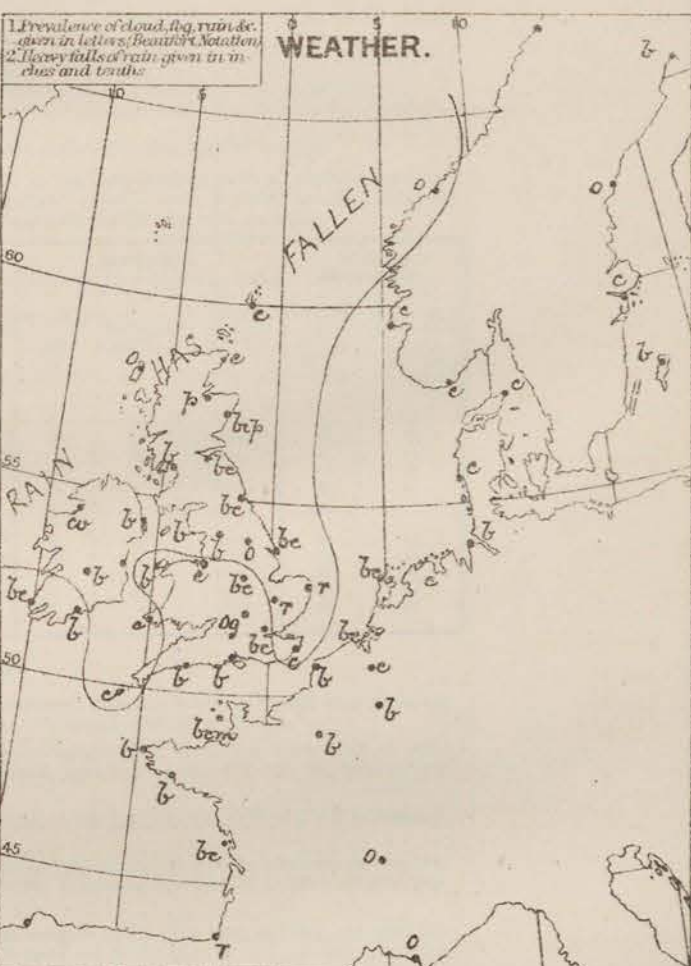
Arrows fly with the wind.
Force 0 to 10 — Force 8 to 10 —
2, 4 — above 10 —
5, 7 —
Dark curved arrow shows apparent general motion of air.
Sea disturbance in shading. — rough in shading. — high

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters; height of cloud in feet and tenths.
2. Heavy falls of rain given in inches and tenths

WEATHER.



REMARKS. Pressure is decreasing over France, and is steady on our extreme SW. coast, but is increasing in all other places, briskly in the N. of Scotland and rapidly in the N. of Scandinavia. A large area of high readings lies over Ireland, and the N. of Scotland, while a small disturbance is shown over the S. of Sweden, and a large depression over the S. of France. The wind is moderate to strong from the Nth over nearly all coasts, but draws into W over N. Germany and Denmark, and into E. at London. The weather is cloudy or dull over the greater part of Norway and Sweden, and cloudy and wet over the NE. of Scotland, and parts of the E. of England, but in most other places the sky is clear or nearly so. Rain showers have occurred except at some of our Nth and Wth stations, but has fallen at Dover and Deal, and snow at Oxford. Temperature is lower in all districts than it was yesterday, and readings at present range from 39° at Dover and Cambridge to 49° at Brande Point, and 51° at London. The maxima yesterday were below 60° except at Cambridge and below 50° at our more Nth stations. Sea is moderate to slight.

Subscription for these charts payable in advance to cover delivery.

Delivery by hand 10/- per quarter.
book post 5/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 27th APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Direc. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force. (0 to 12). | | | Max. | Min. | | | |
| | | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.63 | 32 | N | 2 | 0 | 29.58 | + .05 | 33 | 32 | - 1 | N | 2 | 0 | * | 41 | 28 | - | | |
| Hernösand | 29.78 | 36 | NNW | 4 | 0 | 29.74 | 00 | 35 | 30 | - 7 | NNW | 2 | 0 | * | 48 | ? | - | | |
| Stockholm | 29.72 | 38 | NNE | 2 | † | 29.81 | + .09 | 36 | 30 | - 6 | NN | 2 | 0 | * | 48 | 36 | 0.39 | | |
| Wisby | 29.65 | 44 | NW | 4 | 0 | 29.78 | + .13 | 38 | 37 | - 2 | NNW | 4 | 0 | * | 50 | 34 | 0.04 | | |
| Bodo | 29.78 | 34 | NN | 2 | 0 | 29.70 | - .08 | 30 | 27 | - 3 | N | 4 | 0 | * | 34 | 25 | - | | |
| Christiansund | 29.92 | 34 | NW | 6 | 5 | 29.80 | - .12 | 37 | 35 | - 2 | NW | 7 | † | 4 | 39 | 27 | 0.12 | | |
| † Skudesnaes | 29.93 | 39 | NW | 8 | 0 | 30.02 | + .09 | 39 | 37 | - 2 | NNE | 1 | 0 | 3 | 43 | 39 | - | | |
| Oxö (Xiansund) | 29.82 | 44 | NW | 2 | 0 | 29.98 | + .16 | 39 | 36 | - 3 | NNW | 2 | 0 | 3 | 45 | 37 | - | | |
| Skagen (The Skaw) | 29.82 | 45 | NNE | 4 | 0 | 29.95 | + .13 | 42 | 39 | - 3 | ENE | 2 | 0 | 0 | 44 | 36 | - | | |
| Fanö | 29.90 | 43 | NN | 4 | 0 | 30.00 | + .10 | 45 | 42 | - 3 | NN | 5 | 0 | * | 50 | 39 | - | | |
| Cuxhaven | 29.93 | 48 | NNW | 4 | 0 | 30.03 | + .10 | 47 | 45 | - 2 | N | 4 | 0 | * | 48 | 43 | - | | |
| † Sumburgh Head | 30.17 | 41 | NNW | 4 | 0 | 30.14 | + .03 | 46 | 43 | - 3 | NN | 3 | 0 | 4 | 47 | 38 | 0.02 | | |
| † Stornoway | 30.31 | 44 | N | 3 | 0 | 30.33 | + .02 | 46 | 44 | - 2 | NNW | 1 | 0 | 1 | 46 | 40 | - | | |
| Wick | 30.26 | 40 | NNW | 3 | 0 | 30.26 | + .00 | 47 | 44 | - 3 | NN | 4 | 0 | 2 | 47 | 37 | - | | |
| Nairn | 30.29 | 44 | NN | 4 | 0 | 30.34 | + .05 | 44 | 40 | - 4 | N | 1 | 0 | 2 | 48 | 39 | - | | |
| † Aberdeen | 30.23 | 45 | N | 4 | 0 | 30.29 | + .06 | 46 | 42 | - 4 | NNW | 4 | 0 | 3 | 47 | 38 | 0.06 | | |
| Leith | 30.24 | 45 | ESE | 1 | 0 | 30.33 | + .09 | 45 | 41 | - 4 | NNW | 1 | 0 | * | 51 | 34 | 0.02 | | |
| † Shields | 30.20 | 44 | NNE | 5 | 0 | 30.32 | + .12 | 42 | 39 | - 3 | NNE | 0 | 0 | 4 | 46 | 38 | - | | |
| Spurn Head | 30.11 | 45 | NNE | 6 | 0 | 30.23 | + .12 | 44 | 42 | - 2 | NNE | 6 | 0 | 6 | 47 | 40 | - | | |
| York | 30.17 | 46 | N | 3 | 0 | 30.28 | + .11 | 41 | 39 | - 2 | N | 3 | 0 | * | 51 | 37 | 0.05 | | |
| Nottingham | 30.16 | 40 | N | 3 | 0 | 30.30 | + .14 | 43 | 39 | - 4 | N | 3 | 0 | * | 51 | 33 | 0.06 | | |
| † Ardrossan | 30.22 | 49 | ENE | 1 | 0 | 30.35 | + .13 | 44 | 41 | - 3 | 2 | 0 | 0 | 0 | 51 | 34 | - | | |
| † Mullaghmore | 30.33 | 47 | NNE | 5 | 0 | 30.41 | + .08 | 45 | 42 | - 3 | NE | 2 | 0 | 2 | 52 | 38 | - | | |
| Donaghadee | 30.30 | 46 | NNE | 4 | 0 | 30.37 | + .07 | 45 | 42 | - 3 | NNW | 5 | 0 | 3 | 50 | 39 | - | | |
| Parsonstown | 30.28 | 50 | N | 2 | 0 | 30.42 | + .14 | 40 | 38 | - 2 | NNW | 1 | 0 | * | 52 | 29 | - | | |
| † Holyhead | 30.21 | 46 | N | 4 | 0 | 30.33 | + .12 | 45 | 42 | - 3 | NNE | 4 | 0 | 3 | 47 | 42 | - | | |
| Liverpool (Bidston) | 30.20 | 41 | ENE | 1 | 0 | 30.33 | + .13 | 45 | 40 | - 5 | NNE | 2 | 0 | 1 | 50 | 39 | 0.05 | | |
| † Valentia | 30.31 | 51 | N | 4 | 0 | 30.38 | + .07 | 48 | 42 | - 6 | NE | 1 | 0 | 1 | 54 | 37 | - | | |
| Roche's Point | 30.26 | 50 | NE | 4 | 0 | 30.33 | + .07 | 44 | 39 | - 5 | NNE | 3 | 0 | 3 | 55 | 38 | - | | |
| Pembroke | 30.19 | 45 | N | 6 | 0 | 30.32 | + .13 | 44 | 41 | - 3 | NE | 4 | 0 | 2 | 50 | 41 | - | | |
| † Scilly | 30.16 | 49 | NNE | 7 | 0 | 30.25 | + .09 | 47 | 44 | - 3 | NE | 6 | 0 | 5 | 49 | 44 | - | | |
| Prawle Point | 30.08 | 45 | NE | 3 | 0 | 30.17 | + .09 | 41 | 38 | - 3 | NNE | 5 | 0 | 4 | 55 | 30 | 0.10 | | |
| Hurst Castle | 30.06 | 47 | ENE | 5 | 0 | 30.11 | + .05 | 42 | 40 | - 2 | ENE | 4 | 0 | 3 | 52 | 32 | - | | |
| † Dover | 29.98 | 46 | NE | 5 | 0 | 30.12 | + .14 | 43 | 40 | - 3 | NE | 5 | 0 | 4 | 48 | 41 | 0.16 | | |
| † London | 30.05 | 47 | N | 3 | 0 | 30.20 | + .15 | 43 | 39 | - 4 | NNE | 3 | 0 | * | 51 | 36 | - | | |
| Oxford | 30.07 | 43 | NNW | † | 0 | 30.24 | + .17 | 43 | 40 | - 3 | N | 1 | 0 | * | 57 | 33 | 0.03 | | |
| Cambridge | 30.08 | 45 | NE | 3 | 0 | 30.22 | + .14 | 42 | 41 | - 1 | N | 1 | 0 | 0 | 52 | 30 | 0.13 | | |
| † Yarmouth | 30.04 | 45 | NNE | 5 | 0 | 30.18 | + .14 | 43 | 40 | - 3 | NNE | 6 | 0 | 4 | 48 | 40 | 0.03 | | |
| The Helder | * | * | * | * | * | 30.12 | + .17 | 44 | 39 | - 5 | NNE | 4 | 0 | * | * | * | * | | |
| Cape Gris Nez | 29.99 | 45 | NE | 7 | 0 | 30.08 | + .10 | 42 | 39 | - 3 | NE | 8 | 0 | 5 | 52 | 41 | 0.08 | | |
| † Jersey | 30.02 | 47 | NNE | 5 | 0 | 30.13 | + .11 | 44 | 41 | - 3 | NE | 6 | 0 | 5 | 51 | 42 | 0.01 | | |
| Brest | 30.08 | 47 | NNE | 5 | 0 | 30.14 | + .06 | 43 | 40 | - 3 | NE | 5 | 0 | 3 | 57 | 39 | - | | |
| Lorient | 29.93 | 50 | N | 7 | 0 | 30.04 | + .07 | 44 | 41 | - 3 | NE | 7 | 0 | 4 | 55 | 39 | - | | |
| † Rochefort | 29.79 | 55 | NNE | 8 | 0 | 29.86 | + .07 | 44 | 41 | - 3 | NE | 8 | 0 | 4 | 68 | 37 | - | | |
| Biarritz | 29.80 | 55 | N | 7 | 0 | 29.82 | + .02 | 48 | 45 | - 3 | E | 4 | † | † | 57 | 39 | 0.43 | | |
| Coranna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels | * | * | * | * | * | 30.08 | + .13 | 43 | 39 | - 4 | NE | 5 | 0 | * | 52 | 39 | 0.04 | | |
| Charleville | 29.82 | 49 | NNE | 8 | 0 | 29.96 | + .14 | 40 | 37 | - 3 | ENE | 9 | 0 | * | 57 | 37 | - | | |
| Paris | 29.86 | 52 | N | 4 | 0 | 29.98 | + .12 | 45 | 39 | - 6 | NE | 8 | 0 | * | * | * | * | | |
| Lyons | 29.71 | 51 | N | 1 | † | 29.69 | - .02 | 45 | 44 | - 1 | N | 1 | † | * | 59 | 44 | 0.87 | | |
| Toulon | 29.69 | 55 | SE | 4 | m | 29.53 | - .16 | 50 | 48 | - 2 | E | 9 | 0 | 7 | 55 | 48 | 0.39 | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.92 | 41 | N | 4 | 0 | 29.94 | + .02 | 38 | 35 | - 3 | N | 4 | 0 | * | 43 | 33 | 0.02 | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|---|---|---|---|----|----|------|
| Hawes Junction | 29.92 | 41 | N | 4 | 0 | 29.94 | + .02 | 38 | 35 | - 3 | N | 4 | 0 | * | 43 | 33 | 0.02 |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|---|---|---|---|----|----|------|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

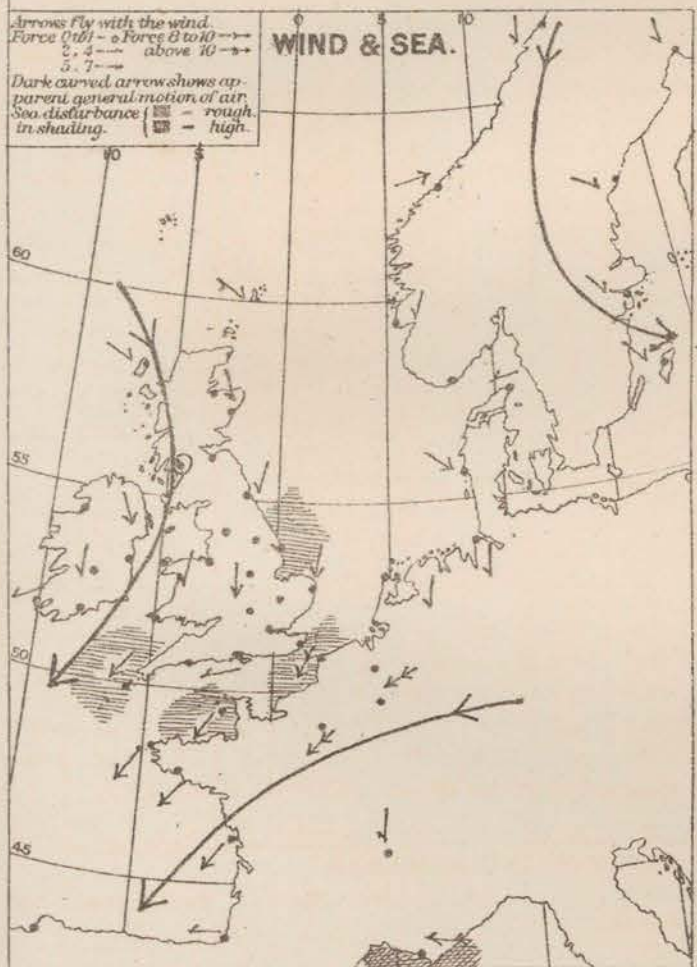
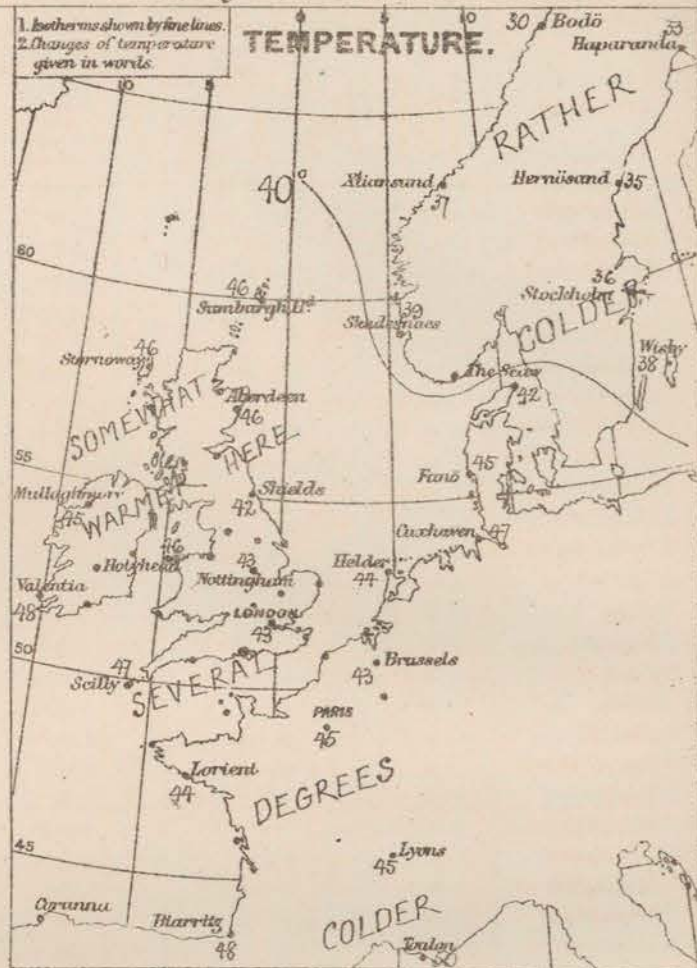
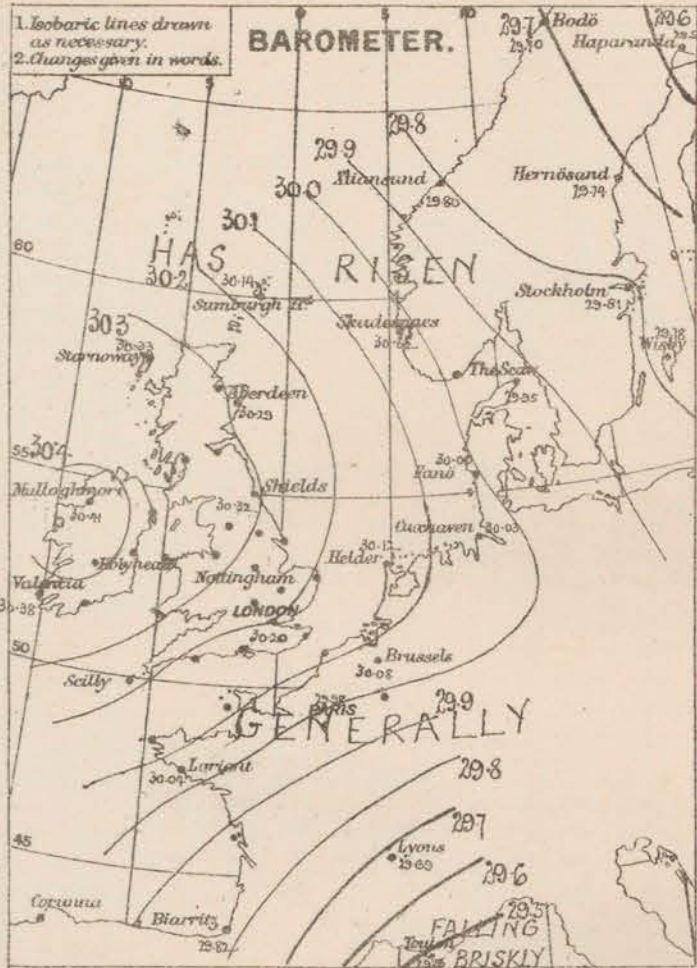
| | Bar. | Dry. | Wet. | Wind. | | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wca. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 29.85 | 42 | 39 | NTW | 8 | 0 | 8 | Valentia ... | 30.30 | 42 | 46 | NNW | 3 | 0 | 4 |
| Sumburgh Head | 30.15 | 41 | 37 | NNE | 2 | c | 4 | Scilly ... | 30.12 | 47 | 46 | NNE | 6 | c | 4 |
| Stornoway ... | 30.28 | 45 | 42 | NNE | 2 | c | 4 | Dover ... | 29.97 | 45 | 43 | ENE | 3 | cp | 1 |
| Aberdeen ... | 30.18 | 47 | 43 | N | 4 | 0 | 3 | London ... | 30.01 | 49 | 42 | NNW | 3 | 0 | 3 |
| Shields ... | 30.13 | 45 | 42 | NNE | 7 | 0 | 5 | Yarmouth ... | 30.02 | 48 | 43 | N | 4 | 0 | 3 |
| Ardrossan ... | 30.20 | 50 | 45 | NTW | 2 | c | 1 | Jersey ... | 30.07 | 49 | 46 | NNE | 5 | 0 | 4 |
| Mullaghmore ... | 30.29 | 50 | 46 | N | 5 | 0 | 4 | Rocheport ... | 29.81 | 65 | 55 | NNW | 5 | c | 2 |
| Holyhead ... | 30.20 | 47 | 42 | NNE | 4 | 0 | 3 | | | | | | | | |

The barometer has been steady since the morning in the SE., and has risen a little in the N. and W. A fresh Nth current prevails all over the country with cool and rather cloudy weather. Showers of rain have fallen in the SE.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (best); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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.

WEATHER CHARTS for 8 a.m. on Tuesday 27TH APRIL. 1880.



REMARKS. The barometer has fallen rather briskly during the night over the Gulf of Lyons, and slightly over the North of Scandinavia, but in all other places the mercury has risen, the change being comparatively brisk in the NE. and NW. An area of high pressure, in which readings exceed 30.4 in. lies over N. Ireland, and gradients have become rather steep over France and the Channel. The wind circulates round the high pressure, blowing from NNW over the N. of Scotland, from N. over the N. and central districts, from NNE in the E. of England and the Netherlands, and from NE. over France, the Channel and the S. and W. of England. It is light or moderate over our N. and W. coasts, but blows strongly over the S. and E. of the British Isles, and reaches a gale over France. The weather though locally cloudy in different parts of our area is generally fine or moderately so over the whole. Rain, however, is reported from the S. of France and the Channel. Temperature has fallen except in the N. of Scotland, and readings are low generally, ranging over these Islands from 41° at York and Plover to 48° at Valentia and 47° at Wick, over France from 42° at Cape Breton to 50° at Bordeaux. Sea is rough at Spanish Head and in the Channel.

Subscription for these charts payable in advance to cover delivery. Delivery by hand 10/- per quarter. book post 5/-

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

R. H. SCOTT.
Secretary.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 28th APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|---|--------------------|--------|----------------------|----------|--|---|---|-------------|------|---|--------|----------------------|----------|-------------------|-------------|----------------|---------------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dirac. | Force. (0 to 12). | | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda | 29.62 | 30 | SW | 2 | 8 | | 29.84 | + .26 | 33 | 30 | 0 | NE | 6 | 0 | * | 37 | 28 | 0.08 | |
| Hernösand | 29.71 | 32 | NNW | 2 | 6 | | 29.78 | + .07 | 31 | 27 | - .4 | NNW | 8 | 0 | * | 45 | 23 | - | |
| Stockholm | 29.73 | 37 | NW | 4 | 0 | | 29.87 | + .14 | 32 | 28 | - .4 | N | 6 | 6 | * | 46 | 30 | - | |
| Wisby | 29.82 | 37 | SW | 6 | 6 | | 29.82 | + .04 | 36 | 31 | - .2 | N | 6 | 6 | * | 45 | 36 | - | |
| Bodö | 29.84 | 30 | N | 4 | 0 | | 30.04 | + .24 | 32 | 30 | + .2 | NE | 2 | 6 | 1 | 32 | 27 | - | |
| Christiansund | 30.01 | 33 | NNW | 4 | 7 | | 30.16 | + .16 | 34 | 32 | - .3 | NNE | 5 | 5 | 4 | 37 | 25 | - | |
| † Skudesnaes | 30.00 | 41 | NW | 6 | 6 | | 30.07 | + .07 | 40 | 35 | + .1 | NNW | 6 | 6 | 3 | ? | 39 | - | |
| Oxö (Xiansund) | 29.89 | 44 | W | 4 | 6 | | 30.02 | + .14 | 41 | 36 | + .2 | ENE | 6 | 6 | 3 | 38 | 39 | - | |
| Skagen (Tas Skaw) | 29.86 | 43 | NNW | 3 | 6 | | 30.01 | + .16 | 40 | 33 | + .2 | NE | 5 | 0 | 2 | 38 | 37 | - | |
| Fanö | 30.02 | 44 | NW | 4 | 6 | | 29.93 | - .09 | 46 | 43 | + .1 | N | 2 | 6 | * | 38 | 43 | - | |
| Cuxhaven | 30.16 | 48 | N | 4 | 6 | | 29.98 | - .18 | 48 | 47 | + .1 | N | 5 | 0 | * | ? | 45 | 0.01 | |
| † Sumburgh Head | 30.16 | 48 | NW | 4 | 6 | | 30.28 | + .12 | 43 | 40 | - .3 | NE | 3 | 0 | 3 | 51 | 42 | - | |
| † Stornoway | 30.34 | 48 | NW | 3 | 0 | | 30.33 | - .01 | 48 | 48 | + .2 | W | 0 | 0 | 0 | 49 | 44 | - | |
| Wick | 30.27 | 44 | N | 4 | 0 | | 30.28 | + .02 | 47 | 47 | 0 | NW | 1 | 7 | 1 | 51 | 44 | 0.01 | |
| Nairn | 30.33 | 49 | NW | 3 | 6 | | 30.32 | - .02 | 48 | 45 | + .4 | NNW | 1 | 6 | 1 | 53 | 43 | - | |
| † Aberdeen | 30.29 | 38 | NNW | 4 | 6 | | 30.27 | - .02 | 48 | 47 | + .2 | N | 4 | 0 | 3 | 32 | 45 | - | |
| Leith | 30.27 | 32 | NNE | 1 | 6 | | 30.27 | - .06 | 46 | 43 | + .1 | W | 1 | 0 | * | 36 | 38 | - | |
| † Shields | 30.30 | 48 | NE | 1 | 6 | | 30.23 | - .07 | 45 | 45 | + .3 | N | 4 | 0 | 3 | 49 | 41 | - | |
| Spurn Head | 30.24 | 46 | NE | 4 | 6 | | 30.17 | - .07 | 45 | 45 | + .1 | NNE | 4 | 0 | 4 | 49 | 42 | - | |
| York | 30.29 | 49 | N | 3 | 6 | | 30.20 | - .09 | 47 | 44 | + .6 | N | 3 | 0 | * | 52 | 40 | 0.01 | |
| Nottingham | 30.27 | 46 | NE | 3 | 6 | | 30.20 | - .07 | 46 | 45 | + .3 | N | 4 | 0 | * | 32 | 40 | - | |
| † Ardrossan | 30.28 | 51 | NW | 2 | 6 | | 30.29 | - .06 | 49 | 46 | + .5 | NW | 1 | 6 | 1 | 51 | 40 | - | |
| † Mullaghmore | 30.37 | 49 | ENE | 5 | 6 | | 30.33 | - .04 | 49 | 45 | + .4 | W | 0 | 6 | 0 | 55 | 44 | - | |
| Donaghadee | 30.34 | 49 | N | 2 | 6 | | 30.30 | - .04 | 48 | 46 | + .3 | NNE | 3 | 6 | 1 | 50 | 41 | - | |
| Parsonstown | 30.30 | 53 | NNE | 2 | 6 | | 30.32 | - .02 | 43 | 41 | + .3 | NNW | 1 | 6 | * | 54 | 32 | - | |
| † Holyhead | 30.27 | 46 | NNE | 4 | 6 | | 30.24 | - .03 | 48 | 45 | + .3 | N | 2 | 0 | 1 | 48 | 44 | - | |
| Liverpool (Bidston) | 30.27 | 47 | N | 2 | 6 | | 30.22 | - .05 | 46 | 42 | + .1 | NNE | 2 | 0 | 0 | 51 | 43 | - | |
| † Valentia | 30.25 | 51 | N | 4 | 6 | | 30.27 | - .11 | 49 | 44 | + .1 | NE | 1 | 6 | 1 | 55 | 39 | - | |
| Roche's Point | 30.30 | 50 | SE | 4 | 6 | | 30.24 | - .06 | 45 | 41 | + .1 | NE | 4 | 6 | 3 | 59 | 41 | - | |
| Pembroke | 30.23 | 46 | ENE | 4 | 6 | | 30.19 | - .04 | 45 | 41 | + .1 | NE | 2 | 0 | 2 | 49 | 40 | - | |
| † Scilly | 30.17 | 47 | NE | 7 | 0 | | 30.12 | - .05 | 46 | 43 | - .1 | ENE | 6 | 0 | 5 | 49 | 43 | - | |
| Prawle Point | 30.13 | 46 | NNE | 5 | 0 | | 30.05 | - .08 | 44 | 42 | + .3 | NNE | 6 | 0 | 5 | 50 | 39 | - | |
| Hurst Castle | 30.12 | 48 | NE | 6 | 6 | | 30.08 | - .04 | 45 | 43 | + .3 | ENE | 6 | 6 | 4 | 49 | 42 | - | |
| † Dover | 30.09 | 46 | NE | 6 | 6 | | 30.02 | - .07 | 47 | 43 | + .4 | ENE | 6 | 6 | 5 | 49 | 44 | 0.04 | |
| † London | 30.16 | 47 | NE | 5 | 6 | | 30.09 | - .07 | 45 | 42 | + .2 | NE | 3 | 0 | * | 50 | 41 | 0.01 | |
| Oxford | 30.19 | 45 | N | 1 | 0 | | 30.12 | - .07 | 45 | 41 | + .2 | ENE | 1 | 0 | * | 32 | 33 | 0.02 | |
| Cambridge | 30.19 | 46 | NE | 2 | 6 | | 30.10 | - .09 | 47 | 44 | + .5 | N | 2 | 0 | * | 51 | 39 | 0.02 | |
| † Yarmouth | 30.18 | 45 | NE | 5 | 6 | | 30.11 | - .07 | 46 | 45 | + .3 | NNE | 5 | 6 | 4 | 48 | 41 | - | |
| The Helder | * | * | * | * | * | | 30.04 | - .08 | 46 | 44 | + .2 | NNE | 2 | 6 | * | * | * | * | |
| Cape Gris Nez | 30.06 | 45 | NE | 9 | 0 | | 30.01 | - .05 | 47 | 44 | + .5 | ENE | 8 | 0 | 5 | 50 | 41 | - | |
| † Jersey | 30.07 | 46 | NE | 7 | 6 | | 29.98 | - .09 | 47 | 43 | + .3 | NE | 6 | 0 | 5 | 49 | 43 | - | |
| Brest | 30.04 | 46 | ENE | 7 | 0 | | 29.99 | - .05 | 45 | 44 | + .2 | ENE | 5 | 7 | 3 | 50 | 43 | - | |
| Lorient | 29.95 | 48 | NE | 8 | 0 | | 29.86 | - .09 | 43 | 41 | - .1 | NE | 8 | 7 | 5 | 52 | 41 | 0.20 | |
| † Rochefort | 29.82 | 46 | NE | 8 | 7 | | 29.74 | - .08 | 46 | 45 | + .2 | ENE | 5 | 0 | 2 | 57 | 41 | 0.08 | |
| Biarritz | 29.74 | 50 | NE | 5 | 0 | | 29.76 | - .02 | 47 | 44 | - .1 | SW | 7 | 0 | 4 | 51 | 41 | 0.32 | |
| Corunna | * | * | * | * | * | | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels | * | * | * | * | * | | 29.98 | - .10 | 43 | 41 | 0 | NE | 5 | 0 | * | 52 | 41 | - | |
| Charleville | 29.88 | 50 | ENE | 9 | 0 | | 29.88 | - .08 | 44 | 38 | + .4 | ENE | 8 | 0 | * | 55 | ? | - | |
| Paris | 29.90 | 50 | NNW | 7 | 7 | | 29.88 | - .02 | 45 | 41 | 0 | ENE | 5 | 7 | * | * | * | 0.16 | |
| Lyons | 29.71 | 48 | NNW | 1 | 0 | | 29.76 | + .07 | 49 | 48 | + .4 | N | 1 | 0 | * | 50 | 45 | 0.20 | |
| Toulon | 29.66 | 51 | E | 7 | 0 | | 29.76 | + .23 | 54 | 53 | + .4 | W | 0 | 6 | 2 | 59 | 48 | 0.57 | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|--|-------|-------|----|----|------|-----|---|---|---|----|----|---|
| Hawes Junction | 29.03 | 44 | ENE | 2 | 0 | | 28.96 | - .08 | 42 | 40 | + .4 | ENE | 4 | 0 | * | 49 | 34 | - |
|----------------|-------|----|-----|---|---|--|-------|-------|----|----|------|-----|---|---|---|----|----|---|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. |
|---------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|
| Skudesnaes | 30.02 | 44 | 42 | NNW | 4 | 7 | Valentia | 30.34 | 54 | 47 | N | 3 | 6 |
| Sumburgh Head | 30.16 | 49 | 45 | W | 4 | 6 | Scilly | 30.22 | 48 | 44 | ENE | 6 | 6 |
| Stornoway | 30.36 | 49 | 46 | W | 3 | 0 | Dover | 30.12 | 47 | 41 | ENE | 6 | 6 |
| Aberdeen | 30.30 | 52 | 47 | NNW | 4 | 6 | London | 30.16 | 49 | 42 | NNE | 4 | 0 |
| Shields | 30.33 | 47 | 42 | NNE | 3 | 6 | Yarmouth | 30.21 | 45 | 43 | NE | 5 | 6 |
| Ardrossan | 30.33 | 49 | 46 | NNW | 2 | 6 | Jersey | 30.10 | 48 | 48 | NE | 7 | 6 |
| Mullaghmore | 30.39 | 51 | 46 | W | 2 | 0 | Rochefort | 29.85 | 49 | 43 | NE | 8 | 0 |
| Holyhead | 30.33 | 47 | 42 | NNE | 4 | 6 | | | | | | | |

No important change.

EXPLANATION OF COLUMNS.

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. dew.

* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

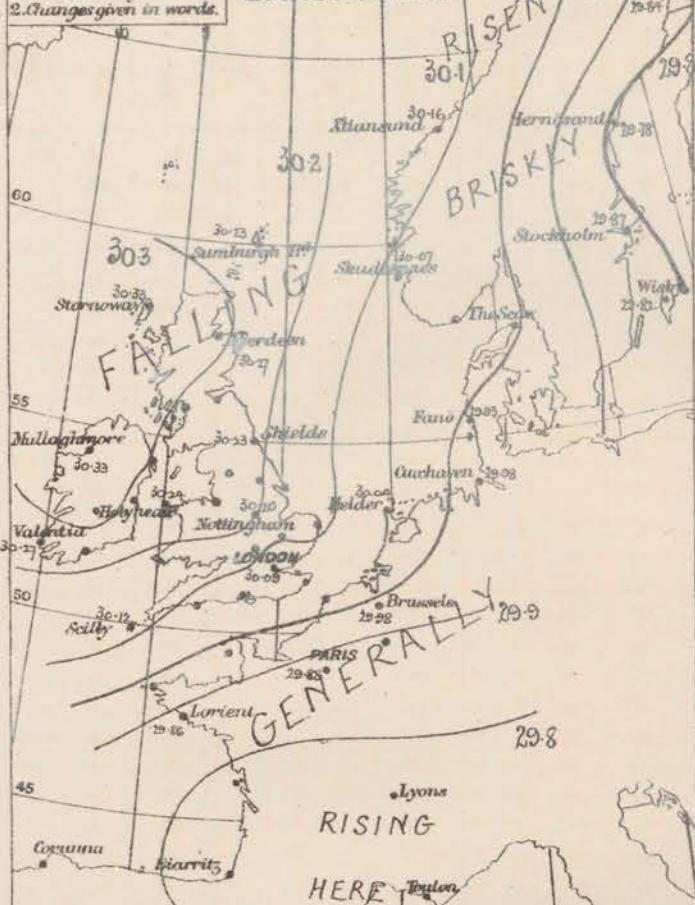
‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Wednesday 28th APRIL 1880.

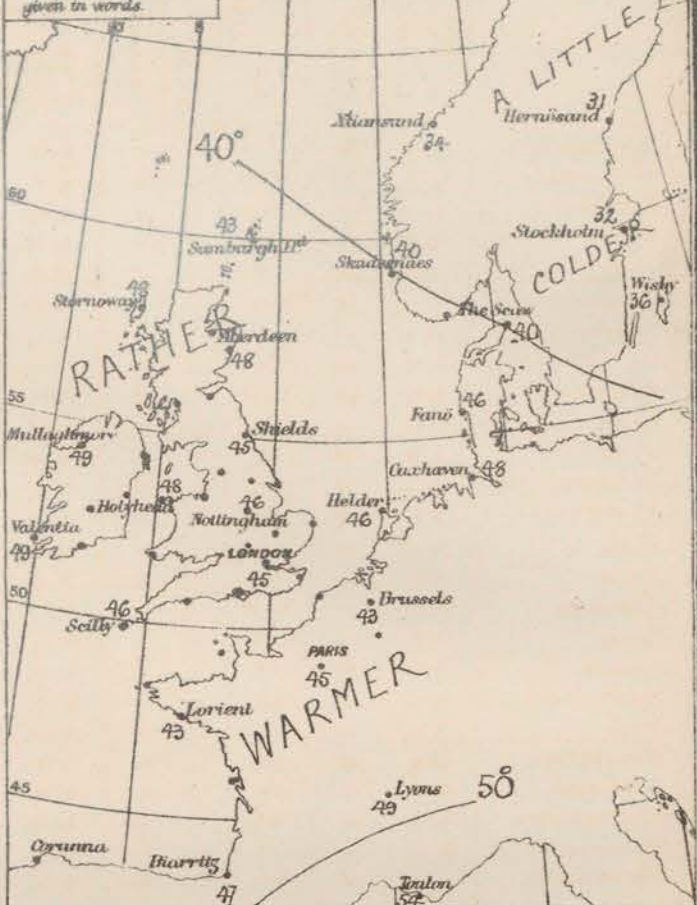
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



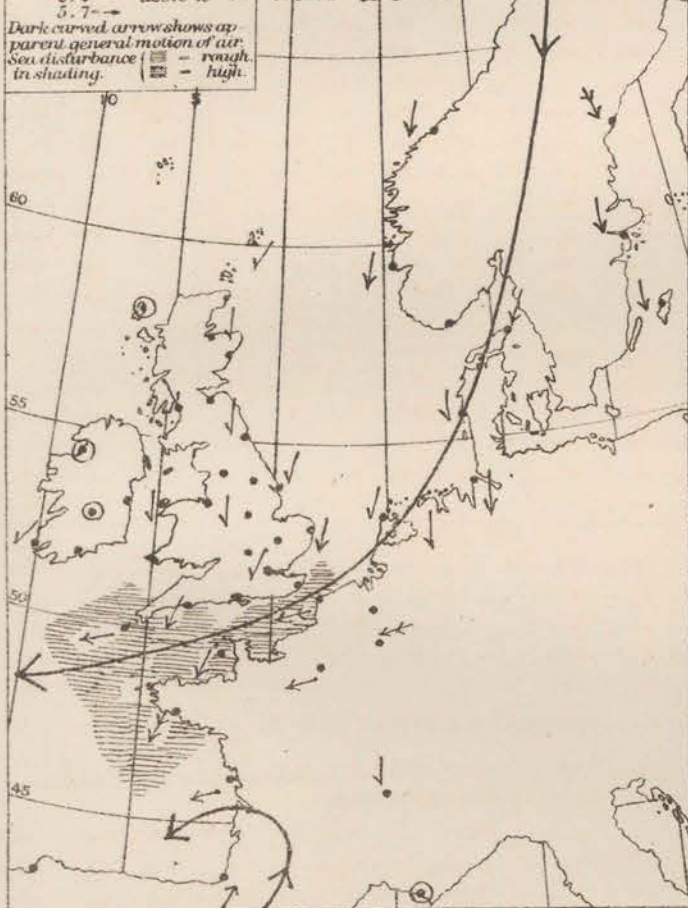
1. Isotherms drawn by function.
2. Changes of temperature given in words.

TEMPERATURE.



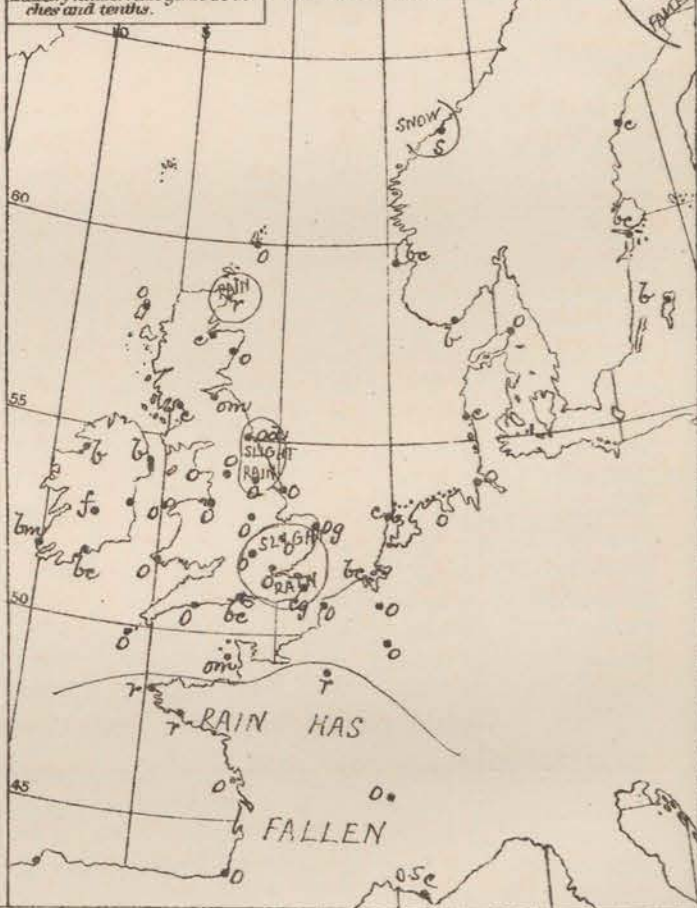
Arrows fly with the wind.
Force 0 to 10 - Force 8 to 10 -
2, 4 - above 10 -
5, 7 -
Dark curved arrow shows apparent general motion of air.
Sea disturbance - rough in shading.

WIND & SEA.



1. Prevalence of cloud, fog, rain &c. given in letters (Beaufort notation).
2. Heavy falls of rain given in inches and tenths.

WEATHER.



REMARKS. The barometer is falling this morning over the whole of these Islands and their neighbourhoods, but there is not much change in the general distribution, the area of high pressure being still off our NW. coasts. In Scandinavia, however, the mercury has risen, and the large depression over the Baltic has apparently moved away E., while in the SE. of France also a recovery is shown, and the depression which lay near London yesterday has apparently travelled W., and is now lying over the Bay of Biscay. The wind is very similar to that reported yesterday, blowing from N. over Norway and Sweden, the North Sea and the greater part of our Islands, but drawing into NE. and ENE over the S. of England, the Channel and N. of France. At Biarritz a SW. wind is reported. At the Scandinavian French and our S. stations the wind is strong, but elsewhere it is light or moderate. The weather is fine in Ireland, but dull in nearly all other places, with mist or drizzling rain on our NE. coasts, at Paris, Brast and Lorient, and snow at Christiania. Scarcely any rain has fallen except in the SE. of England and over France. Temperature has risen slightly except in Sweden, but readings are still low especially in the S. The mercury yesterday was below 60° everywhere, and below 50° in many places. The sea is rough in the Channel.

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Delivery by hand 10/- per quarter
book post 6/-

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT 29TH APRIL 1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|---|--------------------|-------|----------------------|----------|---|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|------|---------------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.17 | 30 | NE | 4 | 0 | 30.19 | + 35 | 35 | 31 | + 2 | NE | 2 | 0 | * | 37 | 19 | — | | |
| Hernösand | 30.14 | 30 | N | 4 | 0 | 30.30 | + 32 | 36 | 31 | + 5 | N | 2 | 0 | * | 36 | 22 | — | | |
| Stockholm | 29.87 | 32 | N | 8 | s | 30.20 | + 33 | 35 | 32 | + 3 | NNE | 6 | 0 | * | 39 | 28 | 0.04 | | |
| Wisby | 29.87 | 35 | WNW | 4 | b | 30.01 | + 19 | 37 | 34 | + 1 | NE | 6 | 0 | * | 41 | 32 | 0.04 | | |
| Bodö | 30.24 | 35 | E | 2 | b | 30.12 | + 08 | 32 | 33 | 0 | W | 4 | 0 | 3 | 39 | 30 | — | | |
| Christiansund | 30.32 | 37 | NNE | 2 | bv | 30.37 | + 21 | 38 | 33 | + 4 | SSE | 2 | 0 | 3 | 39 | 25 | — | | |
| † Skudesnaes | 30.15 | 41 | N | 6 | b | 30.38 | + 31 | 40 | 34 | 0 | E | 4 | 0 | 2 | ? | ? | — | | |
| Oxö (Xiänsund) | 30.14 | 41 | W | 2 | bv | 30.37 | + 35 | 39 | 33 | — 2 | NNE | 4 | 0 | 2 | 43 | 36 | — | | |
| Skagen (The Skaw) | 30.11 | 44 | NE | 6 | b | 30.30 | + 29 | 40 | 35 | 0 | NE | 5 | 0 | 3 | 46 | 36 | — | | |
| Fanö | 30.12 | 40 | NE | 2 | b | 30.28 | + 35 | 45 | 40 | — 1 | NE | 4 | 0 | * | 52 | 32 | — | | |
| Cuxhaven | 29.96 | 49 | ENE | 6 | v | 30.22 | + 24 | 44 | 41 | — 4 | NE | 4 | 0 | * | ? | 39 | — | | |
| † Sumburgh Head | 30.34 | 48 | ENE | 4 | v | 30.49 | + 21 | 44 | 41 | + 1 | ENE | 1 | 0 | 2 | 47 | 35 | — | | |
| † Stornoway | 30.33 | 50 | N | 3 | 0 | 30.45 | + 12 | 48 | 48 | 0 | 2 | 0 | 0 | 0 | 52 | 45 | — | | |
| Wick | 30.35 | 45 | E | 2 | 0 | 30.49 | + 21 | 45 | 42 | — 2 | SE | 1 | 0 | 0 | 49 | 39 | 0.04 | | |
| Nairn | 30.32 | 49 | ENE | 1 | † | 30.49 | + 17 | 43 | 40 | — 5 | ENE | 1 | 0 | 1 | 52 | 40 | 0.04 | | |
| † Aberdeen | 30.30 | 47 | NE | 2 | 0 | 30.47 | + 20 | 44 | 41 | — 4 | NNE | 3 | 0 | 2 | 51 | 40 | 0.02 | | |
| Leith | 30.28 | 46 | E | 1 | † | 30.45 | + 18 | 41 | 40 | — 5 | ENE | 1 | 0 | * | 56 | 40 | 0.03 | | |
| † Shields | 30.25 | 46 | NE | 2 | 0 | 30.40 | + 17 | 43 | 39 | — 2 | NE | 4 | 0 | 4 | 49 | 40 | — | | |
| Spurn Head | 30.15 | 44 | NNE | 6 | 0 | 30.30 | + 13 | 44 | 43 | — 1 | NNE | 6 | 0 | 5 | 49 | 39 | 0.01 | | |
| York | 30.23 | 46 | NE | 4 | 0 | 30.36 | + 16 | 44 | 40 | — 3 | NE | 1 | 0 | * | 51 | 39 | 0.01 | | |
| Nottingham | 30.19 | 46 | NNE | 4 | 0 | 30.38 | + 13 | 45 | 41 | — 1 | NNE | 1 | 0 | * | 52 | 37 | — | | |
| † Ardrossan | 30.27 | 51 | E | 1 | og | 30.43 | + 14 | 45 | 44 | — 4 | ENE | 1 | 0 | 1 | 52 | 45 | — | | |
| † Mullaghmore | 30.28 | 58 | NTW | 1 | v | 30.40 | + 07 | 51 | 49 | + 2 | NNE | 2 | 0 | 2 | 58 | 45 | — | | |
| Donaghadee | 30.29 | 50 | NNE | 3 | 0 | 30.43 | + 13 | 46 | 44 | — 2 | E | 3 | 0 | 1 | 52 | 45 | — | | |
| Parsonstown | 30.25 | 55 | ESE | 2 | v | 30.39 | + 07 | 50 | 47 | + 7 | NE | 2 | 0 | * | 58 | 42 | — | | |
| † Holyhead | 30.21 | 50 | NNE | 4 | 0 | 30.35 | + 11 | 47 | 43 | — 1 | ENE | 4 | 0 | 3 | 51 | 46 | — | | |
| Liverpool (Bidston) | 30.20 | 52 | NE | 3 | b | 30.37 | + 15 | 43 | 39 | — 3 | NE | 3 | 0 | 1 | 58 | 41 | — | | |
| † Valentia | 30.24 | 51 | N | 5 | bcm | 30.38 | + 11 | 51 | 47 | + 2 | 2 | 0 | 0 | 1 | 58 | 41 | — | | |
| Roche's Point | 30.23 | 55 | ESE | 3 | b | 30.33 | + 09 | 51 | 48 | + 6 | NE | 3 | 0 | 3 | 61 | 45 | — | | |
| Pembroke | 30.15 | 51 | NE | 2 | bv | 30.30 | + 11 | 46 | 43 | + 1 | NE | 2 | 0 | 2 | 54 | 43 | — | | |
| † Scilly | 30.10 | 50 | NE | 5 | 0 | 30.23 | + 11 | 47 | 45 | + 1 | ENE | 5 | 0 | 4 | 50 | 45 | — | | |
| Prawle Point | 30.06 | 48 | NE | 5 | 0 | 30.20 | + 15 | 41 | 40 | — 3 | NE | 6 | 0 | 5 | 51 | 39 | — | | |
| Hurst Castle | 30.05 | 49 | NE | 6 | v | 30.20 | + 12 | 44 | 42 | — 1 | NE | 6 | 0 | 4 | 51 | 43 | — | | |
| † Dover | 30.00 | 45 | NE | 6 | og | 30.14 | + 12 | 49 | 44 | + 2 | NE | 6 | 0 | 5 | 51 | 43 | 0.05 | | |
| † London | 30.07 | 46 | NNE | 3 | 0 | 30.20 | + 11 | 47 | 43 | + 2 | NE | 3 | 0 | * | 50 | 42 | — | | |
| Oxford | 30.14 | 47 | N | 2 | 0 | 30.26 | + 14 | 41 | 39 | — 4 | N | 3 | 0 | * | 49 | 38 | 0.01 | | |
| Cambridge | 30.09 | 45 | N | 2 | 0 | 30.21 | + 11 | 48 | 44 | + 1 | NE | 1 | 0 | * | 50 | 40 | — | | |
| † Yarmouth | 30.07 | 44 | NNE | 5 | og | 30.25 | + 14 | 46 | 42 | 0 | ENE | 5 | 0 | 5 | 47 | 42 | — | | |
| The Helder | * | * | * | * | * | 30.21 | + 17 | 44 | 38 | — 2 | ENE | 4 | 0 | * | * | * | * | | |
| Cape Gris Nez | 30.01 | 44 | NE | 9 | 0 | 30.08 | + 07 | 48 | 44 | + 1 | NE | 8 | 0 | 5 | 52 | 43 | — | | |
| † Jersey | 30.01 | 48 | ENE | 5 | og | 30.14 | + 16 | 45 | 43 | — 2 | NE | 5 | 0 | 4 | 52 | 42 | 0.01 | | |
| Brest | 30.01 | 48 | E | 5 | 0 | 30.12 | + 13 | 44 | 43 | — 1 | ENE | 3 | 0 | 2 | 52 | 43 | 0.04 | | |
| Lorient. | 29.91 | 48 | ENE | 7 | 0 | 30.04 | + 18 | 45 | 43 | + 2 | NE | 7 | 0 | 4 | 48 | 41 | 0.16 | | |
| † Rochefort | 29.82 | 55 | ENE | 5 | bv | 29.98 | + 24 | 48 | 47 | + 2 | ESE | 5 | 0 | 2 | 61 | 39 | — | | |
| Biarritz | 29.85 | 52 | W | 7 | v | 29.94 | + 18 | 47 | 44 | 0 | S | 1 | 0 | 2 | 54 | 41 | 0.12 | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels | * | * | * | * | * | 30.09 | + 11 | 42 | 38 | — 1 | NE | 5 | 0 | * | 53 | 42 | — | | |
| Charleville | 29.95 | 50 | NE | 3 | 0 | 29.99 | + 11 | 45 | ? | + 1 | ENE | 1 | 0 | * | 54 | ? | ? | | |
| Paris | 29.90 | 50 | NE | 3 | 0 | 30.02 | + 14 | 46 | 43 | + 1 | ENE | 3 | 0 | * | * | * | 0.08 | | |
| Lyons | 29.79 | 53 | ENE | 1 | † | 29.95 | + 19 | 48 | 45 | — 1 | ENE | 1 | 0 | * | 59 | 45 | 0.24 | | |
| Toulon | 29.87 | 55 | SW | 3 | bv | 29.95 | + 19 | 54 | 52 | 0 | 2 | 0 | 0 | 2 | 61 | 48 | — | | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|------|----|----|-----|-----|---|---|---|----|----|---|--|--|
| Hawes Junction | 29.96 | 45 | ENE | 4 | v | 29.09 | + 13 | 37 | 35 | — 5 | ENE | 5 | 0 | * | 49 | 34 | — | | |
|----------------|-------|----|-----|---|---|-------|------|----|----|-----|-----|---|---|---|----|----|---|--|--|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

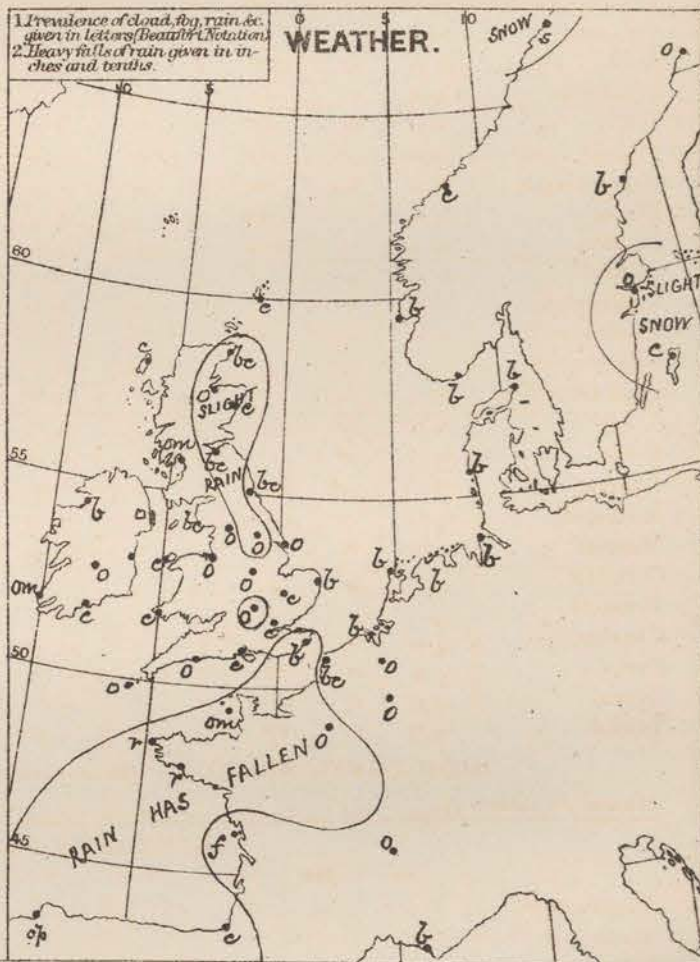
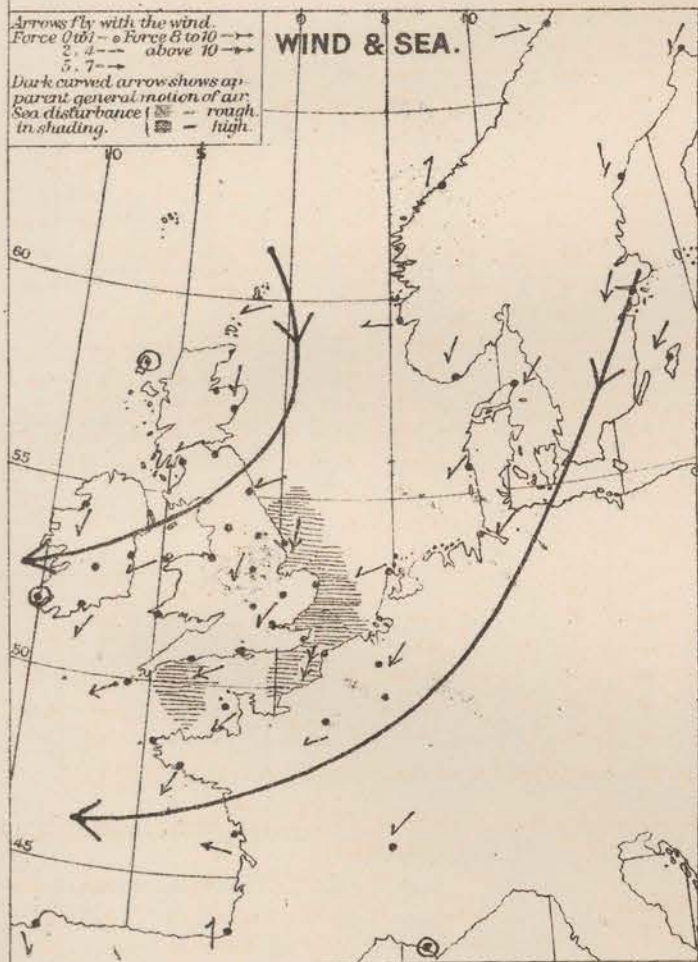
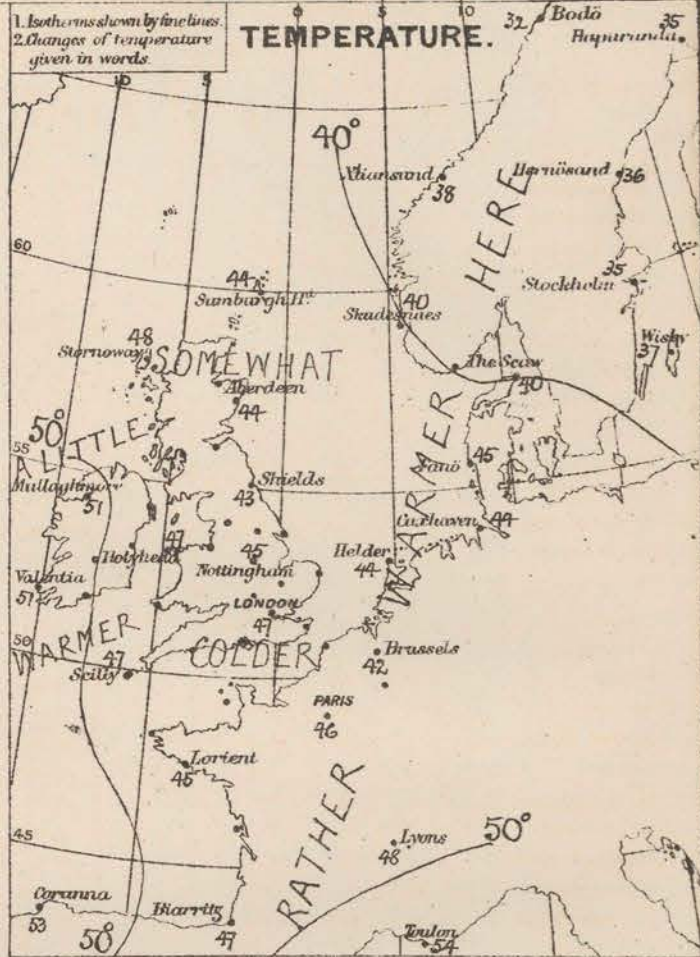
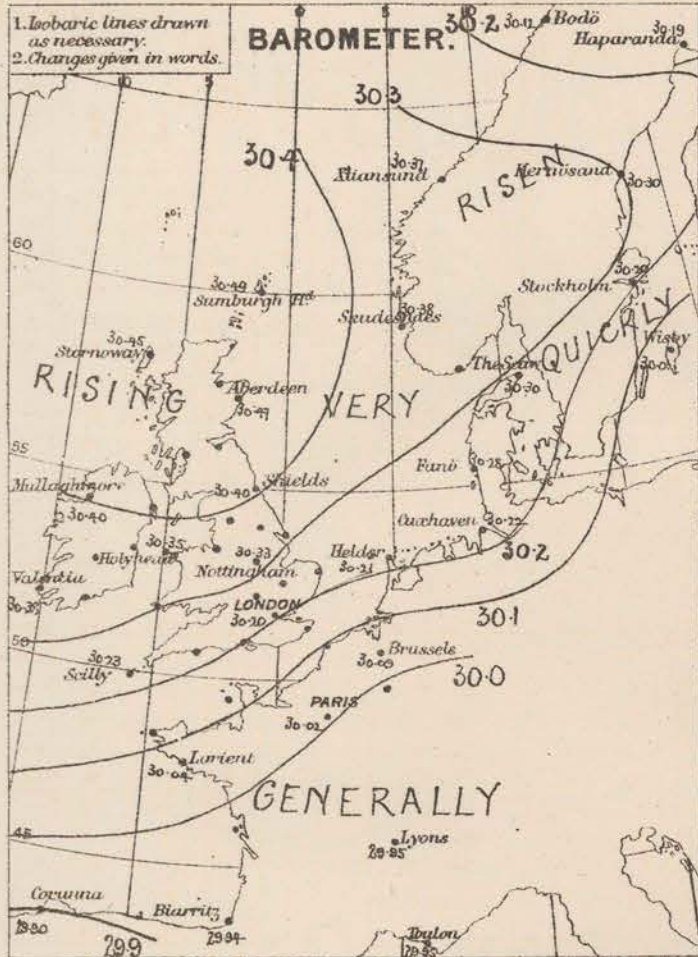
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|-----|---|
| Skudesnaes ... | 30.08 | 45 | 38 | NNW | 8 | b | 4 | Valentia ... | 30.24 | 57 | 58 | NNE | 3 | bv | 4 |
| Sumburgh Head | 30.31 | 45 | 42 | ENE | 2 | c | 3 | Scilly ... | 30.11 | 47 | 45 | ENE | 6 | c | 5 |
| Stornoway ... | 30.33 | 51 | 50 | ENE | 1 | c | 0 | Dover ... | 30.00 | 49 | 45 | ENE | 6 | od | 5 |
| Aberdeen ... | 30.29 | 48 | 47 | NNE | 2 | cl | 1 | London | 30.06 | 49 | 46 | N | 3 | o | * |
| Shields ... | 30.25 | 48 | 46 | NNE | 3 | o | 4 | Yarmouth ... | 30.08 | 45 | 44 | NE | 6 | ogm | 4 |
| Ardrossan ... | 30.28 | 52 | 48 | NN | 2 | o | 1 | Jersey ... | 29.97 | 51 | 46 | NE | 6 | ogm | 5 |
| Mullaghmore ... | 30.31 | 54 | 50 | NN | 2 | c | 1 | Rochefort ... | 29.80 | 54 | 50 | E | 3 | o | 2 |
| Holyhead... | 30.23 | 49 | 47 | NNE | 4 | bv | 3 | | | | | | | | |

Pressure is decreasing a little except on our NE. coasts, so that the wind is veering somewhat in the N. and NE^s to E^s which prevails all over the country, with cold, dull weather at most stations.

EXPLANATION OF COLUMNS.

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. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.
 ‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).
 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.

WEATHER CHARTS for 8 a.m. on Thursday 29TH APRIL 1880.



REMARKS. Since yesterday morning the barometer has risen over the whole of N^o Europe, the change being again greatest over Scandinavia. The area of highest readings now lies over Scotland, but the general distribution of pressure is not much changed, the large area of low barometer still lying over France. The wind has veered a little over the countries to the E^o of the North Sea, and on our E. coast, so that NE^l winds now ^{prevail} over Sweden, Norway, the North Sea the British Isles and the N. of France. They are light or moderate in force at all the snow N^o stations, but still blow strongly or freshly over the S. of England, the Channel and N. of France. The weather is fine on the E^o shores of the North Sea, and at some of our E. coast stations, but is dull or very cloudy generally. Rain continues in Britain. Slight rain has fallen in the NE. Temperature has risen a little over Ireland, Scandinavia, and France, falls elsewhere. Readings are low, ranging from 41° at Plover Point, Oxford and Perth to 51° in the W. of Ireland. The maxima yesterday were very low except in Ireland. Sea is rough in the E. and S.

| | |
|---|---|
| Subscription for these Charts payable in ad- vance to cover delivery. | Delivery by hand 10/- per quarter. " book post 5/- " " |
|---|---|

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

30th APRIL

1880.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------------|-----------------|--------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|------------------|----------|----------------|----------------|------|---------------------|--|
| | Barometer at 3 p.m. and Sea Level. | Temp. at shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea, (0 to 5). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Direc. | Force (0 to 12). | | Reading at 3 p.m. and Sea Level. | Difference from 3 a.m. yesterday. | Dry. | Wet. | Difference from 3 a.m. yesterday. | Direc. | Force (0 to 12). | | | Max. | Min. | | |
| | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.96 | 28 | SE | 2 | o | 29.96 | -23 | 31 | 20 | -4 | E | 2 | o | * | ? | 19 | - | |
| Hernösand | 30.07 | 37 | SW | 2 | b | 30.03 | -27 | 44 | 42 | +8 | N | 6 | b | * | 45 | 25 | - | |
| Stockholm | 30.18 | 36 | WSW | 2 | o | 30.08 | -12 | 41 | 36 | +6 | N | 4 | o | * | 43 | 30 | - | |
| Wisby | 30.13 | 32 | NE | 4 | b | 30.09 | +08 | 38 | 36 | +1 | NN | 4 | b | * | 41 | 30 | - | |
| Bodo | 29.97 | 39 | NTN | 4 | c | 30.08 | -04 | 35 | 31 | +3 | N | 2 | o | 1 | 39 | 30 | 0.12 | |
| Christiansund | 30.30 | 39 | WSW | 8 | r | 30.21 | -16 | 42 | 41 | +4 | WSW | 6 | f | 4 | 43 | 28 | 0.08 | |
| † Skudesnaes | 30.41 | 39 | NN | 4 | b | 30.33 | -05 | 44 | 42 | +4 | NN | 4 | c | 3 | 46 | 39 | - | |
| Oxö (Xiansund) | 30.31 | 47 | NNN | 4 | b | 30.25 | -12 | 45 | 41 | +6 | NNN | 1 | b | 1 | ? | 39 | - | |
| Skagen (The Skaw) | 30.30 | 41 | N | 3 | b | 30.24 | -06 | 46 | 42 | +6 | NN | 3 | b | 0 | 34 | 36 | - | |
| Fanö | 30.39 | 39 | N | 4 | b | 30.32 | +04 | 47 | 42 | +2 | NN | 4 | b | * | 30 | 36 | - | |
| Cuxhaven | | | | | | | | | | | | | | * | | | | |
| † Sumburgh Head | 30.51 | 45 | NNN | 4 | c | 30.42 | -07 | 46 | 43 | +2 | N | 4 | c | 3 | 49 | 42 | - | |
| † Stornoway | 30.48 | 48 | ENE | 3 | b | 30.43 | -02 | 47 | 46 | -1 | S | 1 | o | 1 | 53 | 38 | - | |
| Wick | 30.53 | 45 | E | 1 | b | 30.44 | -05 | 30 | 49 | +5 | NN | 1 | b | 0 | 51 | 34 | - | |
| Nairn | 30.51 | 45 | ENE | 1 | b | 30.46 | -03 | 47 | 44 | +4 | NN | 1 | b | 1 | 50 | 35 | - | |
| † Aberdeen | 30.54 | 45 | ENE | 2 | b | 30.48 | +01 | 47 | 43 | +3 | W | 1 | b | 1 | 50 | 32 | - | |
| Leith | 30.53 | 46 | ESE | 1 | b | 30.50 | +05 | 47 | 43 | +6 | NNN | 1 | b | * | 50 | 32 | - | |
| † Shields | 30.51 | 45 | ENE | 1 | b | 30.51 | +11 | 40 | 38 | -3 | NN | 2 | b | 3 | 49 | 34 | - | |
| Spurn Head | 30.46 | 44 | NE | 4 | b | 30.50 | +20 | 46 | 43 | +2 | NNE | 2 | b | 3 | 50 | 39 | 0.02 | |
| York | 30.47 | 49 | ENE | 2 | b | 30.53 | +17 | 43 | 40 | -1 | NNN | 1 | b | * | 53 | 29 | - | |
| Nottingham | 30.45 | 46 | NNE | 3 | b | 30.53 | +20 | 45 | 41 | 0 | NE | 2 | b | * | 51 | 30 | 0.01 | |
| † Ardrossan | 30.50 | 50 | ENE | 2 | b | 30.50 | +07 | 47 | 45 | +2 | L | 0 | cm | 0 | 51 | 39 | - | |
| † Mullaghmore | 30.46 | 53 | ESE | 4 | c | 30.51 | +11 | 48 | 44 | -3 | ENE | 1 | b | 1 | 57 | 38 | - | |
| Donaghadee | 30.51 | 48 | NE | 2 | c | 30.54 | +11 | 48 | 45 | +2 | SSTN | 2 | b | 0 | 52 | 40 | - | |
| Parsonstown | 30.48 | 49 | ENE | 2 | c | 30.54 | +15 | 41 | 40 | -9 | L | 0 | b | * | 52 | 30 | - | |
| † Holyhead | 30.43 | 48 | NN | 4 | b | 30.50 | +15 | 49 | 41 | +2 | SE | 1 | b | 1 | 50 | 40 | - | |
| Liverpool (Bidston) | 30.43 | 47 | ENE | 1 | b | 30.51 | +14 | 46 | 40 | +3 | SSE | 1 | b | 1 | 51 | 36 | - | |
| † Valentia | 30.43 | 35 | N | 2 | o | 30.50 | +12 | 49 | 45 | -2 | N | 1 | cm | 2 | 60 | 46 | - | |
| Roche's Point | 30.43 | 32 | ESE | 4 | c | 30.48 | +15 | 48 | 44 | -3 | ESE | 4 | b | 4 | 50 | 40 | - | |
| Pembroke | 30.37 | 50 | NE | 2 | b | 30.50 | +20 | 41 | 38 | -5 | E | 1 | b | 2 | 51 | 37 | - | |
| † Scilly | 30.31 | 49 | NE | 6 | o | 30.42 | +19 | 46 | 44 | -1 | ENE | 5 | b | 5 | 49 | 43 | - | |
| Prawle Point | 30.28 | 50 | NE | 5 | c | 30.40 | +20 | 46 | 42 | +5 | NE | 6 | b | 5 | 53 | 37 | - | |
| Hurst Castle | 30.30 | 49 | E | 6 | b | 30.41 | +21 | 44 | 42 | 0 | ENE | 5 | b | 4 | 52 | 36 | - | |
| † Dover | 30.27 | 47 | ENE | 6 | b | 30.37 | +23 | 46 | 40 | -3 | ENE | 6 | b | 5 | 49 | 43 | - | |
| † London | 30.34 | 47 | ENE | 4 | b | 30.43 | +23 | 46 | 41 | -1 | NE | 3 | b | * | 55 | 40 | - | |
| Oxford | 30.37 | 43 | ENE | 5 | b | 30.46 | +20 | 44 | 40 | +3 | ENE | 2 | b | * | 51 | 36 | - | |
| Cambridge | 30.40 | 46 | NE | 2 | b | 30.46 | +25 | 46 | 41 | -2 | N | 1 | b | * | 54 | 34 | 0.03 | |
| † Yarmouth | 30.39 | 45 | ENE | 6 | b | 30.46 | +21 | 45 | 42 | -1 | NE | 4 | b | 4 | 47 | 41 | - | |
| The Helder | * | * | * | * | * | 30.43 | +22 | 45 | 42 | +1 | NE | 2 | b | * | * | * | * | |
| Cape Gris Nez | 30.23 | 46 | NE | 9 | b | 30.37 | +29 | 44 | 38 | -4 | ENE | 7 | b | 4 | 50 | 41 | - | |
| † Jersey | 30.23 | 47 | NE | 6 | b | 30.32 | +18 | 46 | 41 | +1 | NE | 7 | b | 5 | 51 | 42 | - | |
| Brest | 30.21 | 49 | E | 5 | b | 30.33 | +21 | 45 | 42 | +1 | ESE | 3 | b | 2 | 50 | 43 | - | |
| Lorient | 30.12 | 48 | NE | 7 | o | 30.23 | +19 | 44 | 39 | -1 | NE | 7 | b | 4 | 50 | 39 | - | |
| † Rochefort | 30.00 | 53 | NE | 5 | o | 30.04 | +08 | 42 | 39 | -6 | NE | 8 | b | 4 | 63 | 37 | - | |
| Biarritz | | | | | | | | | | | | | | | | | | |
| Corunna | * | * | * | * | * | | | | | | | | | | * | * | * | |
| Brussels | * | * | * | * | * | 30.34 | +25 | 42 | 35 | 0 | ENE | 8 | b | * | 53 | 34 | - | |
| Charleville | 30.15 | 48 | ENE | 8 | c | 30.20 | +21 | 40 | 32 | -5 | ENE | 8 | b | * | 52 | 36 | - | |
| Paris | 30.11 | 49 | NE | 3 | o | 30.17 | +15 | 44 | 36 | -2 | NE | 5 | b | * | * | * | - | |
| Lyons | 29.93 | 52 | N | 1 | c | 29.96 | -02 | 40 | 39 | -8 | N | 1 | o | * | 44 | 39 | 0.04 | |
| Toulon | 29.89 | 36 | ESE | 1 | b | 29.85 | -10 | 48 | 48 | -6 | SE | 7 | o | 4 | 63 | 46 | 0.24 | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-----|----|----|----|------|---|---|---|----|----|---|
| Hawes Junction | 29.20 | 43 | ENE | 2 | b | 29.23 | +14 | 38 | 35 | +1 | SSTN | 1 | b | * | 46 | 26 | - |
|----------------|-------|----|-----|---|---|-------|-----|----|----|----|------|---|---|---|----|----|---|

YESTERDAY'S 0.45 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-------------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|-----|---|
| Skudesnaes ... | 30.45 | 46 | 40 | NNW | 6 | b | 3 | Valentia ... | 30.41 | 59 | 52 | NNW | 3 | cm | 3 |
| Sumburgh Head ... | 30.52 | 48 | 44 | N | 3 | c | 2 | Scilly ... | 30.28 | 48 | 45 | ENE | 6 | o | 5 |
| Stornoway ... | 30.49 | 51 | 49 | E | 1 | b | 1 | Dover ... | 30.23 | 48 | 42 | ENE | 7 | b | 5 |
| Aberdeen ... | 30.52 | 48 | 42 | NE | 3 | b | 3 | London ... | 30.28 | 51 | 42 | E | 3 | c | * |
| Shields ... | 30.47 | 46 | 41 | ENE | 2 | b | 2 | Yarmouth ... | 30.35 | 47 | 42 | ENE | 5 | b | 5 |
| Ardrossan ... | 30.47 | 48 | 44 | ENE | 3 | cm | 2 | Jersey ... | 30.19 | 47 | 44 | NE | 5 | cmf | 4 |
| Mullaghmore ... | 30.43 | 55 | 53 | E | 5 | cm | 4 | Rochefort ... | 30.01 | 59 | 52 | NE | 4 | o | 2 |
| Holyhead ... | 30.41 | 47 | 44 | ENE | 4 | c | 3 | | | | | | | | |

Pressure is increasing slowly everywhere, and E⁺ winds, blowing lightly in the N., but strongly in the Channel, continue general. The weather is fine in the E and N.

EXPLANATION OF COLUMNS.

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. dew.

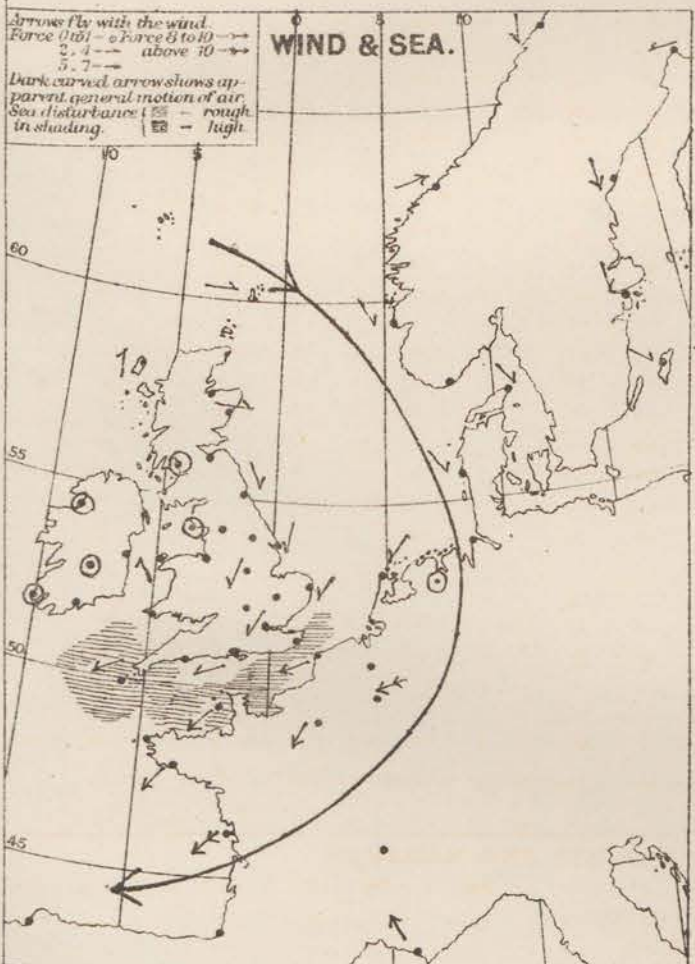
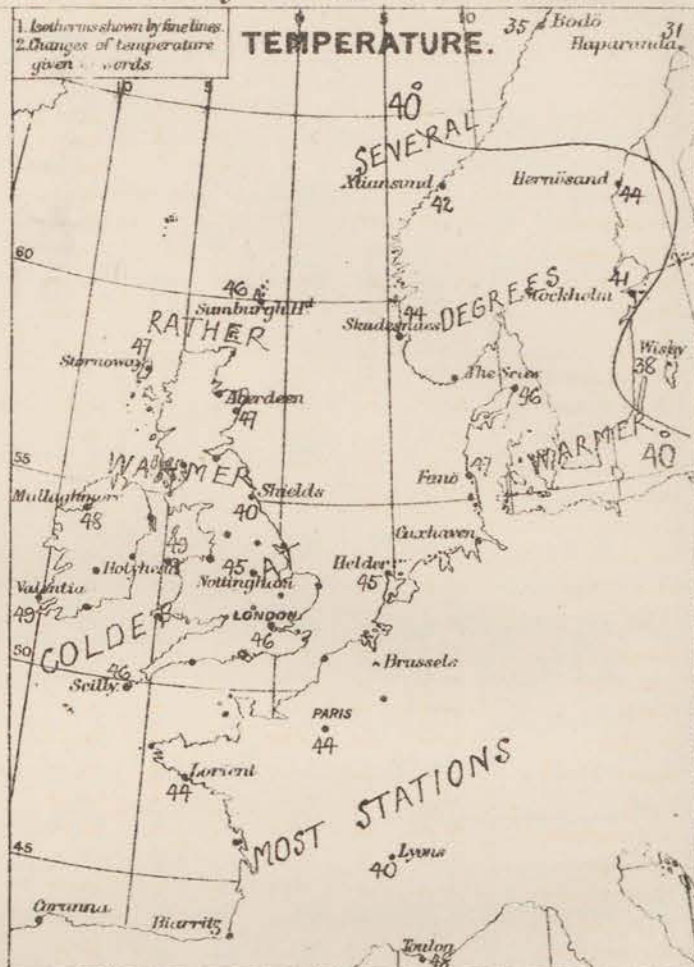
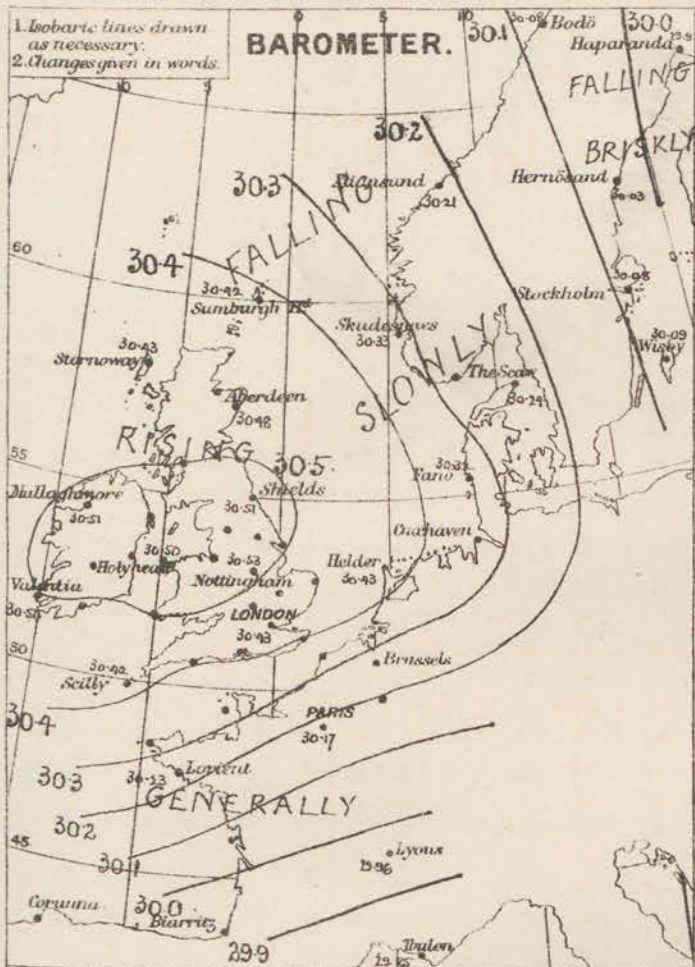
* AN ASTERISK is inserted in all places for which information is not usually received.

† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

‡ These Stations send Reports at 0.45 p.m. daily (Sundays excepted).

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.

WEATHER CHARTS for 8 a.m. on Friday APRIL 30TH 1880.



REMARKS. The area of high pressure which yesterday lay off our N^W and NW^W coasts has since passed slowly S^W, and is shown this morning over Ireland and the N. of England, where the barometer is as high as 30.5 ins. Low readings are reported from the N. of Sweden and the SE. of France, and the mercury is at present falling in those regions, and over Scotland, but in all other places a rise is reported. The wind circulates round the anticyclone, blowing from W. in Scotland, from N. and NW over the North Sea, and from NE and E. over the Netherlands the Channel, the S. of England and N. of France. On both sides of the Channel strong winds or moderate gales are still reported, but elsewhere the wind is light or moderate. The sky is cloudy or overcast at Valentia, Stornoway, Toulon and at some Scandinavian stations, but is fine and bright in nearly all other parts of W. Europe. Scarcely any rain has fallen during the past 24 hours. Temperature has risen a little over Scotland Norway and Sweden, fallen elsewhere. Readings range from 40° at the mouth of the Rhine to 50° at Wick, to 49° at Valentia and 48° at London. Sea is rough in the Channel.

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Meteorological Office.
116, Victoria Street, Westminster, S.W.
R. H. SCOTT.
Secretary.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR APRIL 1880

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

| DATE | STATIONS. | + YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS | | |
|------------------|-----------------|---|--------------------|-------|----------------------|----------|---|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|---------------|---------------------------|--|
| | | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | |
| 1 st | Corunna..... | * | * | * | * | * | 30.16 | + .22 | 52 | * | ? | ? | 1 | c | 5 | * | * | * | |
| - | Lyon..... | 29.71 | 55 | E | 1 | bc | 29.81 | - .04 | 49 | 45 | + 5 | WNW | 1 | o | * | 65 | 42 | - | |
| 3 rd | Corunna..... | * | * | * | * | * | 30.11 | .00 | 58 | * | + 3 | W | 2 | od | 7 | * | * | * | |
| - | Lyon..... | 29.86 | 53 | E | 1 | o | 29.89 | - .11 | 48 | 46 | + 2 | S | 1 | 2 | * | 59 | 46 | 0.16 | |
| 5 th | Corunna..... | * | * | * | * | * | 30.13 | + .16 | 54 | * | - 4 | SW | 6 | o | 5 | * | * | * | |
| 6 th | Haparanda | 29.88 | 20 | S | 2 | o | 29.89 | ? | 21 | 18 | ? | SW | 2 | b | * | 25 | 14 | - | |
| - | Härnösand.. | 29.85 | 29 | L | 0 | o | 29.78 | ? | 29 | 28 | ? | NE | 2 | s | * | 30 | 19 | - | |
| - | Stockholm... | 29.64 | 33 | E | 2 | o | 29.52 | ? | 35 | 34 | ? | E | 6 | f | * | 37 | 25 | - | |
| - | Nisby..... | 29.57 | 36 | SE | 4 | o | 29.39 | ? | 37 | 37 | ? | SSE | 2 | 2 | * | 41 | 28 | 0.20 | |
| 7 th | Pembroke... | 29.42 | 47 | W | 5 | c | 29.47 | + .15 | 44 | 43 | - 1 | W | 4 | c | 4 | 49 | 48 | 0.07 | |
| - | Corunna..... | * | * | * | * | * | 29.99 | ? | 52 | * | ? | SW | 4 | or | 7 | * | * | * | |
| 8 th | Pembroke... | 29.57 | 46 | N | 5 | c | 29.90 | + .43 | 45 | 43 | + 1 | NNE | 4 | b | 2 | 49 | 43 | 0.09 | |
| - | Corunna..... | * | * | * | * | * | 30.05 | + .06 | 52 | * | 0 | NE | ? | e | 7 | * | * | * | |
| - | Paris..... | 29.65 | 53 | WNW | 3 | bc | 29.80 | + .16 | 47 | 43 | + 1 | SE | 3 | b | * | * | * | - | |
| 9 th | Sumburgh Hd 2pm | - | - | - | - | - | 30.38 | - | 48 | 45 | - | NW | 2 | o | 2 | - | - | - | |
| 10 th | Sumburgh Hd | 30.35 | 46 | NW | 4 | o | 30.33 | - .03 | 46 | 45 | + 2 | NNE | 3 | m | 3 | 49 | 42 | 0.01 | |
| - | Corunna..... | * | * | * | * | * | 30.00 | ? | 52 | * | ? | NE | 6 | c | 5 | * | * | * | |
| - | Sumburgh Hd 2pm | - | - | - | - | - | 30.32 | - | 47 | 45 | - | NW | 3 | o | 3 | - | - | - | |
| 12 th | Corunna..... | * | * | * | * | * | 29.70 | - .23 | 51 | * | 0 | SE | 1 | o | 1 | * | * | * | |
| 14 th | Corunna..... | * | * | * | * | * | 29.67 | + .18 | 54 | * | 0 | ? | 2 | c | 5 | * | * | * | |
| 15 th | Corunna..... | * | * | * | * | * | 29.73 | + .06 | 52 | * | - 2 | N | 4 | c | 5 | * | * | * | |
| 16 th | Corunna..... | * | * | * | * | * | 29.91 | + .18 | 53 | * | + 1 | SE | 2 | b | 5 | * | * | * | |
| 17 th | Corunna..... | * | * | * | * | * | 29.90 | - .01 | 54 | * | + 1 | SW | 4 | c | 1 | * | * | * | |
| 19 th | Corunna..... | * | * | * | * | * | 29.98 | + .02 | 57 | * | + 2 | SW | 1 | c | 5 | * | * | * | |
| 20 th | Corunna..... | * | * | * | * | * | 30.15 | + .17 | 56 | * | - 1 | NW | 2 | c | 5 | * | * | * | |
| 22 nd | Corunna..... | * | * | * | * | * | 30.11 | - .22 | 52 | * | - 4 | E | 2 | o | 4 | * | * | * | |
| 24 th | Corunna..... | * | * | * | * | * | 30.10 | - .01 | 55 | * | + 1 | ENE | 6 | c | 4 | * | * | * | |
| 26 th | Corunna..... | * | * | * | * | * | 29.86 | - .16 | 54 | * | - 2 | NE | 4 | o | 5 | * | * | * | |
| 27 th | Corunna..... | * | * | * | * | * | 30.00 | + .14 | 53 | * | - 1 | NE | 6 | c | 5 | * | * | * | |
| 28 th | Corunna..... | * | * | * | * | * | 29.82 | - .18 | 52 | * | - 1 | SE | ? | c | 1 | * | * | * | |
| 29 th | Corunna..... | * | * | * | * | * | 29.90 | + .08 | 53 | * | + 1 | NNW | ? | cp | 1 | * | * | * | |
| 30 th | Cuxhaven... | 30.39 | 47 | NE | 3 | b | 30.41 | + .19 | 49 | 47 | + 5 | N | 1 | b | * | ? | 39 | - | |
| - | Corunna..... | * | * | * | * | * | 30.08 | + .18 | 55 | * | + 2 | NE | 4 | e | 4 | * | * | * | |

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

[illegible]