

1164

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,
1878.



MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, JAN. 1, 1878.

Davies & Co. Lith. London.

DAILY WEATHER REPORT

August 1st

1878.

| STATIONS. | YESTERDAY EVENING. | | | | | 9 A.M. TO DAY | | | | | | | | | | PAST 24 HOURS | | |
|--------------------|-------------------------------------|-----------------|-------|------------------|----------|-----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|---------------|-------------|---------------|---------------------|--|
| | Barometer at 320 ft. 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 15). | | Reading at 320 ft. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 15). | | | Max. | Min. | | |
| Haparanda | 30.14 | 65 | Z | 0 | 0 | 30.21 | + .11 | 63 | 59 | - .1 | SW | 2 | 0 | * | 73 | 54 | - | |
| Hernösund | 30.16 | 62 | Z | 0 | 0 | 30.20 | + .20 | 63 | 57 | - .2 | Z | 0 | 0 | * | * | * | 0.04 | |
| Stockholm | 30.06 | 60 | SW | 2 | 0 | 30.17 | + .08 | 63 | 57 | - .2 | NNE | 4 | 0 | * | * | * | - | |
| Wiesby | 29.98 | 59 | NNE | 2 | 0 | 30.04 | + .04 | 61 | 55 | + .1 | E | 6 | 0 | * | * | * | 0.24 | |
| Christiansund | 30.34 | 56 | NNN | 1 | 0 | 30.34 | + .07 | 57 | 53 | + .2 | NE | 2 | 0 | 2 | 59 | 48 | - | |
| Skudesnaes | 30.29 | 59 | NN | 6 | 0 | 30.28 | + .01 | 59 | 55 | + .1 | NN | 6 | 0 | 3 | 59 | 55 | - | |
| Oxö (Ålvsjö) | 30.18 | 66 | WSW | 2 | 0 | 30.20 | - .01 | 67 | 61 | + .5 | NNN | 2 | 0 | 2 | 68 | 61 | - | |
| Skagen (The Sea) | 30.16 | 60 | NNN | 3 | 0 | 30.16 | - .03 | 66 | 62 | + .2 | ENE | 3 | 0 | 3 | 77 | 55 | - | |
| Fanö | 30.24 | 59 | NNN | 4 | 0 | 30.18 | .00 | 63 | 61 | - .7 | NNN | 4 | 0 | * | 77 | 57 | - | |
| Cuxhaven | 30.28 | 68 | N | 2 | 0 | 30.20 | + .04 | 64 | 62 | - .1 | N | 5 | 0 | * | ? | 61 | - | |
| Sumburgh Head | 30.37 | 57 | SW | 1 | 0 | 30.34 | - .01 | 58 | 57 | + .4 | SW | 1 | 0 | 1 | 61 | 49 | - | |
| Stornoway | 30.30 | 63 | SSE | 4 | 0 | 30.31 | .00 | 62 | 59 | + .3 | SSE | 3 | 0 | 3 | 63 | 48 | - | |
| Thurso | 30.34 | 65 | ESE | 3 | 0 | 30.36 | .00 | 63 | 59 | + .3 | Z | 0 | 0 | 2 | 67 | 46 | - | |
| Wick | 30.36 | 63 | S | 2 | 0 | 30.34 | - .02 | 61 | 59 | + .1 | S | 1 | 0 | 0 | 66 | 44 | - | |
| Nairn | 30.32 | 70 | NE | 1 | 0 | 30.36 | - .01 | 58 | 54 | + .3 | Z | 0 | 0 | 1 | 75 | 50 | - | |
| Aberdeen | 30.37 | 60 | S | 2 | 0 | 30.37 | - .01 | 59 | 56 | + .3 | SSW | 1 | 0 | 1 | 68 | 49 | - | |
| Leith | 30.33 | 64 | ENE | 1 | 0 | 30.35 | - .02 | 55 | 55 | - .0 | ENE | 1 | 0 | * | 69 | 48 | - | |
| Shields | 30.39 | 59 | SE | 2 | 0 | 30.35 | - .04 | 60 | 57 | + .3 | ESE | 1 | 0 | 2 | 61 | 48 | - | |
| Scarborough | 30.41 | 58 | E | 2 | 0 | 30.37 | - .02 | 59 | 55 | 0 | N | 1 | 0 | 1 | 62 | 53 | - | |
| York | 30.39 | 66 | ENE | 1 | 0 | 30.38 | - .01 | 58 | 54 | - .3 | NE | 1 | 0 | * | 69 | 45 | - | |
| Nottingham | 30.39 | 66 | ENE | 1 | 0 | 30.39 | - .01 | 55 | 52 | - .4 | SE | 3 | 0 | * | 71 | 44 | - | |
| Aldersan | 30.35 | 70 | SSW | 1 | 0 | 30.34 | - .03 | 61 | 57 | - .2 | NNE | 1 | 0 | 0 | 72 | 53 | - | |
| Greencastle | 30.33 | 73 | ENE | 2 | 0 | 30.32 | - .03 | 63 | 60 | 0 | SE | 1 | 0 | * | 78 | 50 | - | |
| Donaghadee | 30.37 | 62 | SSE | 2 | 0 | 30.36 | - .03 | 59 | 58 | - .1 | ESE | 1 | 0 | 0 | 67 | 47 | - | |
| Kingstown | 30.37 | 66 | SE | 3 | 0 | 30.34 | - .04 | 59 | 58 | 0 | Z | 0 | 0 | 0 | 67 | 56 | - | |
| Holyhead | 30.36 | 63 | NNE | 3 | 0 | 30.34 | - .03 | 61 | 59 | - .1 | Z | 0 | 0 | 0 | 70 | 57 | - | |
| Liverpool (Bedlam) | 30.34 | 67 | ESE | 1 | 0 | 30.35 | - .04 | 61 | 57 | + .2 | SE | 1 | 0 | 1 | 71 | 52 | - | |
| Valencia | 30.27 | 68 | SSE | 3 | 0 | 30.24 | - .07 | 66 | 60 | + .2 | E | 3 | 0 | 4 | 71 | 55 | - | |
| Roche's Point | 30.33 | 70 | ESE | 3 | 0 | 30.28 | - .06 | 63 | 59 | + .2 | E | 4 | 0 | 3 | 75 | 58 | - | |
| Pembroke | 30.33 | 68 | SE | 2 | 0 | 30.29 | - .06 | 60 | 57 | 0 | E | 3 | 0 | 2 | 69 | 59 | - | |
| Portishead | 30.32 | 65 | N | 3 | 0 | 30.33 | - .03 | 55 | 51 | - .5 | NNE | 5 | 0 | 4 | 71 | 52 | - | |
| Scilly | 30.28 | 64 | E | 6 | 0 | 30.22 | - .09 | 62 | 60 | - .3 | E | 6 | 0 | 5 | 66 | 58 | - | |
| Plymouth | 30.31 | 66 | E | 7 | 0 | 30.25 | - .07 | 61 | 58 | - .1 | NE | 5 | 0 | * | 72 | 58 | - | |
| Harst Castle | 30.31 | 71 | E | 3 | 0 | 30.24 | - .08 | 61 | 60 | - .1 | E | 3 | 0 | 3 | 73 | 55 | - | |
| Dover | 30.32 | 63 | NE | 3 | 0 | 30.31 | + .01 | 62 | 58 | 0 | ENE | 3 | 0 | 2 | 67 | 59 | - | |
| London | 30.35 | 66 | NE | 3 | 0 | 30.33 | .00 | 59 | 55 | - .1 | NE | 2 | 0 | * | 69 | 54 | - | |
| Oxford | * | * | * | * | * | 30.34 | - .02 | 55 | 53 | - .2 | ENE | 1 | 0 | * | 66 | 49 | - | |
| Cambridge | 30.37 | 61 | NE | 2 | 0 | 30.36 | + .01 | 58 | 55 | - .3 | ENE | 1 | 0 | * | 66 | 54 | - | |
| Yarmouth | 30.37 | 60 | NNE | 4 | 0 | 30.34 | + .01 | 60 | 56 | 0 | NNE | 3 | 0 | 2 | 63 | 56 | - | |
| The Helder | * | * | * | * | * | 30.29 | + .06 | 61 | 58 | - .3 | N | 2 | 0 | * | * | * | - | |
| Cape Gris Nez | 30.32 | 61 | NNE | 5 | 0 | 30.29 | .00 | 63 | 59 | 0 | NE | 4 | 0 | 2 | 68 | 59 | - | |
| Jersey | 30.30 | 65 | ENE | 4 | 0 | 30.22 | - .11 | 64 | 61 | + .2 | ENE | 4 | 0 | 4 | 68 | 59 | - | |
| Brest | 30.28 | ? | E | 4 | 0 | 30.20 | - .14 | 63 | 61 | + .4 | E | 4 | 0 | 3 | 70 | 57 | - | |
| L'Orient | 30.20 | 68 | ENE | 3 | 0 | 30.11 | - .15 | 64 | 61 | + .5 | E | 4 | 0 | 2 | 75 | 57 | - | |
| Rochefort | 30.05 | 73 | ENE | 5 | 0 | 30.05 | - .14 | 64 | 54 | + .1 | ENE | 5 | 0 | 3 | 86 | 55 | - | |
| Biarritz | 29.97 | 78 | ENE | 3 | 0 | 29.82 | - .25 | 64 | 64 | - .2 | E | 5 | 0 | 0 | 84 | 61 | - | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels | * | * | * | * | * | 30.23 | + .02 | 60 | 57 | - .2 | ENE | 4 | 0 | * | 71 | 57 | - | |
| Charleville | * | * | * | * | * | 30.19 | + .12 | 63 | 61 | + .2 | ENE | 1 | 0 | * | * | * | - | |
| Paris | 30.21 | 72 | NE | 4 | 0 | 30.23 | - .01 | 62 | 60 | + .1 | ENE | 4 | 0 | * | * | * | - | |
| Lyon | * | * | * | * | * | 30.09 | - .03 | 67 | * | 0 | NE | 4 | 0 | * | * | * | - | |
| Toulon | 29.80 | 79 | N | 5 | 0 | 29.96 | + .10 | 73 | 63 | + .3 | NNE | 1 | 0 | 3 | 81 | 68 | - | |

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

| Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | |
|-------------|-------|------|-------|------|------|-----------|-------|------|-------|------|------|---|---|
| Skudesnaes | 30.30 | 58 | SW | 6 | 0 | Valencia | 30.30 | 71 | 61 | SSE | 3 | 0 | 4 |
| Thurso | 30.47 | 63 | NNE | 2 | 0 | Scilly | 30.31 | 65 | 60 | E | 5 | 0 | * |
| Scarborough | 30.42 | 60 | NE | 2 | 0 | London | 30.36 | 66 | 61 | N | 2 | 0 | * |
| Greencastle | 30.36 | 74 | ESE | 2 | 0 | Rochefort | 30.17 | 81 | 66 | NE | 5 | 0 | 3 |
| Holyhead | 30.39 | 65 | NNE | 4 | 0 | | | | | | | | |

Pressure is beginning to decrease slightly in the south-west, but still increases elsewhere.
The wind at Valencia has shifted to SSE.

EXPLANATION OF COLUMNS.

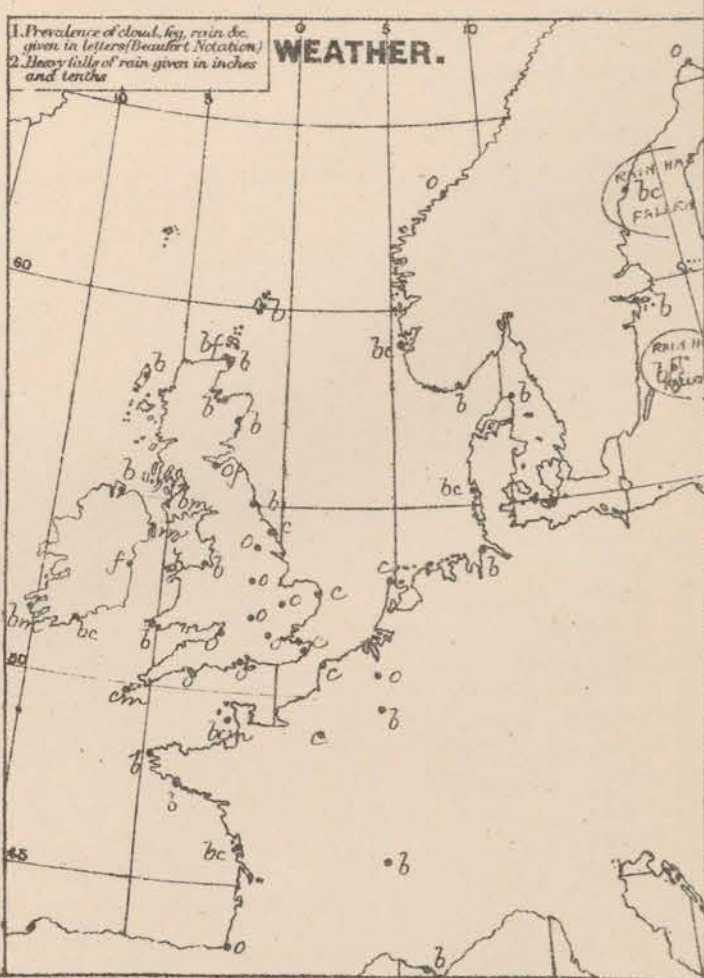
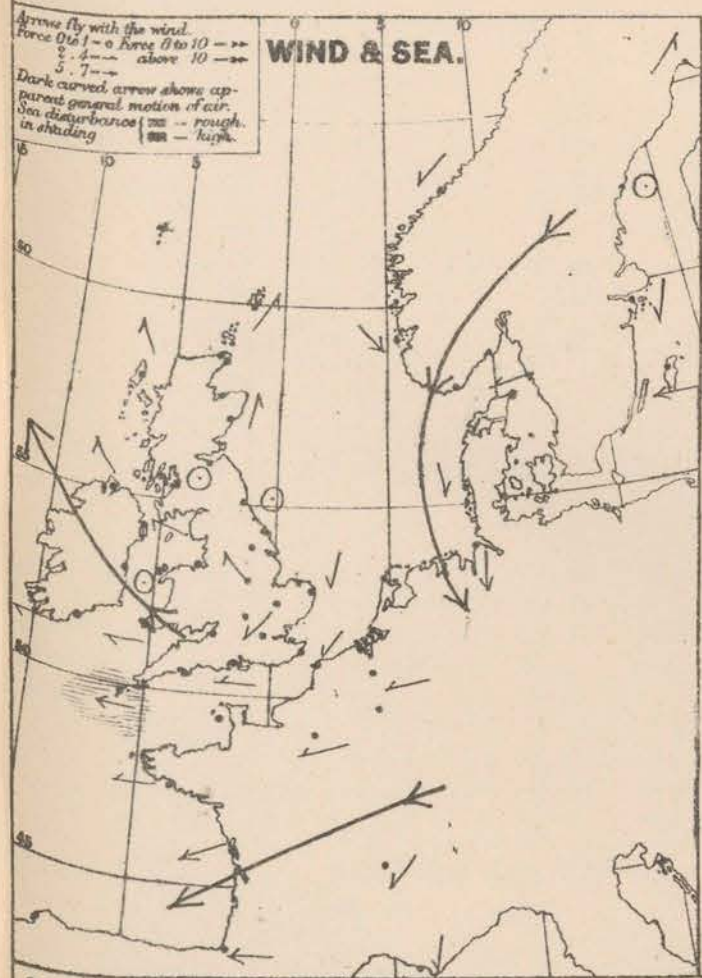
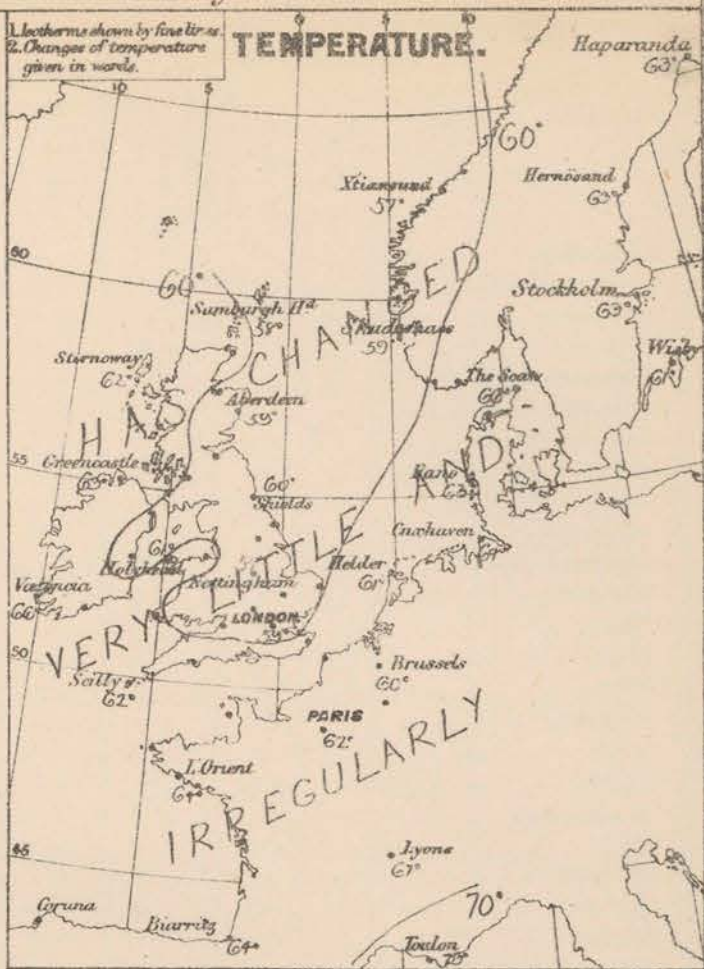
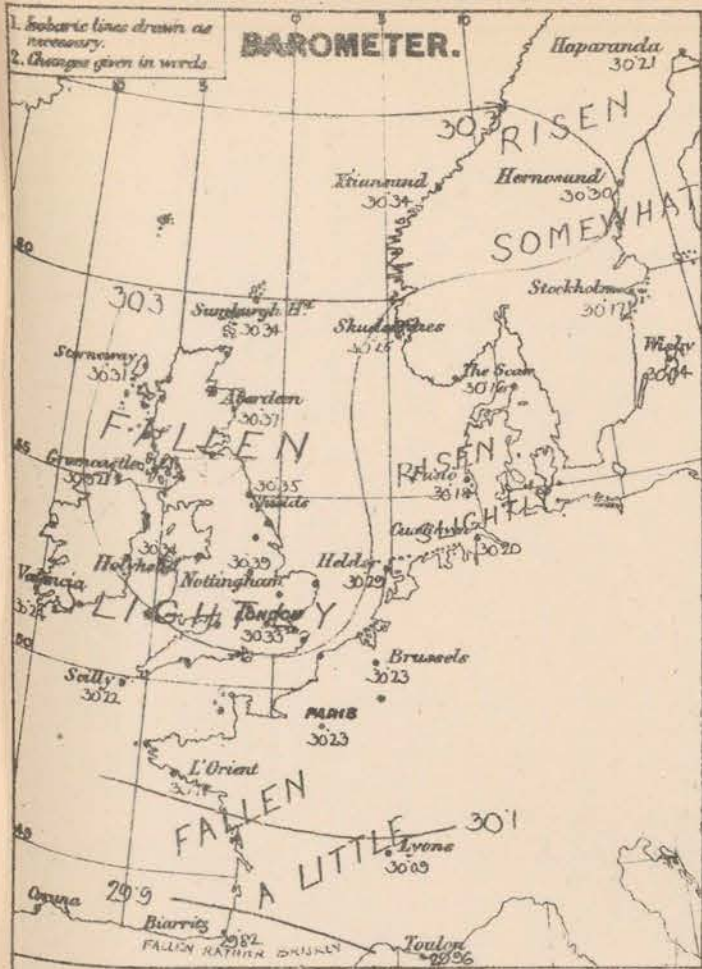
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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

WEATHER CHARTS for 8 a.m. on Thursday 1ST AUGST 1878.



REMARKS. Weather is fine and bright in all but the central, eastern and southern parts of England, where the sky is very cloudy, but the air dry. No rain has fallen at any of our stations since yesterday but a small amount is reported from Holland, and about a quarter of an inch at Wishy. Temperature has risen a little in Holland and at a few of the southern stations; there is 4° warmer than London. The maximum readings over England yesterday were very little above 70° , while in Denmark the thermometer rose to 77° or 8° higher than in London. Wind is generally moderate from the E. at the southern stations but blows strongly at the mouth of the Channel. At our northern stations it is very light and variable, though chiefly E., while a N. breeze is felt on the eastern shores of the North Sea. Sea is rather rough at Killy, moderate to smooth elsewhere.

Barometrical Indications. The barometer is still high over the United Kingdom and the northern part of the German Ocean, but is lower to the W. of our Islands, where also it is falling somewhat decidedly. The gushings of E. winds in the north and north west are consequently increasing and a freshening of the breeze from that quarter is likely to be experienced.

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advance to cover delivery. Delivery by hand
6s per quarter, book post 5s per quarter.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT *August 2nd* 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 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 ... | 30.23 | 63 | N | 2 | δ | 30.22 | + .01 | 66 | 63 | + 3 | S | 2 | δ | * | 75 | 54 | - | |
| Hernösand ... | 30.31 | 60 | λ | 0 | δ | 30.31 | + .01 | 68 | 59 | + 5 | S | 2 | δ | * | * | * | - | |
| Stockholm ... | 30.29 | 59 | ENE | 4 | δ | 30.32 | + .15 | 64 | 59 | + 1 | NNW | 1 | δ | * | * | * | - | |
| Wisby ... | 30.14 | 59 | ENE | 6 | δ | 30.19 | + .15 | 65 | 59 | + 4 | ESE | 6 | δ | * | * | * | - | |
| Christiansund ... | 30.30 | 56 | N | 2 | δ | 30.34 | .00 | 55 | 52 | - 2 | N | 2 | 0 | 2 | 61 | 48 | - | |
| Skudesnaes ... | 30.24 | 55 | NN | 6 | δ | 30.28 | .00 | 68 | 63 | + 9 | λ | 0 | 0 | 2 | ? | 55 | - | |
| Oxö (Klönasund) ... | 30.24 | 71 | ENE | 2 | δ | 30.30 | + .10 | 65 | 60 | - 2 | NE | 4 | δ | 2 | ? | 59 | - | |
| Skagen (The Sea) ... | 30.22 | 65 | E | 2 | δ | 30.28 | + .12 | 64 | 58 | - 2 | E | 3 | δ | 3 | 77 | 57 | - | |
| Fanö ... | 30.14 | 63 | ENE | 4 | δ | 30.14 | - .04 | 64 | 61 | + 1 | ENE | 4 | δ | * | 75 | 55 | - | |
| Coxhaven ... | 30.14 | ? | N | 4 | δ | 30.11 | - .09 | 63 | 60 | - 1 | ENE | 3 | δ | * | 64 | 59 | - | |
| Sumburgh Head ... | 30.33 | 60 | NNW | 2 | δ | 30.35 | + .01 | 57 | 57 | - 1 | NE | 2 | δ | 2 | 65 | 49 | - | |
| Stornoway ... | 30.27 | 66 | NE | 1 | δ | 30.25 | - .06 | 62 | 59 | 0 | E | 4 | δ | 3 | 67 | 53 | - | |
| Thurso ... | 30.33 | 68 | ESE | 2 | δ | 30.35 | - .01 | 60 | 57 | - 3 | λ | 0 | δ | 1 | 70 | 48 | - | |
| Wick ... | 30.38 | 68 | E | 1 | δ | 30.34 | .00 | 59 | 56 | - 2 | E | 2 | 0 | 0 | 74 | 49 | - | |
| Nairn ... | 30.31 | 64 | E | 2 | δ | 30.32 | - .01 | 58 | 55 | 0 | λ | 0 | δ | 1 | 73 | 50 | - | |
| Aberdeen ... | 30.25 | 62 | S | 1 | δ | 30.31 | - .06 | 55 | 54 | - 4 | NNE | 2 | m | 1 | 69 | 45 | - | |
| Leith ... | 30.24 | 64 | ENE | 1 | δ | 30.25 | - .10 | 55 | 56 | + 3 | ENE | 3 | 0 | * | 68 | 52 | - | |
| Shields ... | 30.30 | 60 | ENE | 2 | 0 | 30.21 | - .14 | 59 | 57 | - 1 | NNE | 2 | om | 2 | 62 | 56 | - | |
| Scarborough ... | 30.28 | 57 | NE | 2 | 0 | 30.17 | - .20 | 60 | 59 | + 1 | NNE | 2 | 0 | 4 | 61 | 56 | - | |
| York ... | 30.27 | 62 | ENE | 2 | δ | 30.16 | - .22 | 61 | 58 | + 6 | NE | 2 | 0 | * | 73 | 54 | - | |
| Nottingham ... | 30.22 | 64 | NE | 4 | δ | 30.11 | - .28 | 57 | 56 | + 2 | N | 5 | 0 | * | 70 | 53 | - | |
| Antrossen ... | 30.28 | 72 | NE | 2 | δ | 30.20 | - .14 | 62 | 57 | + 1 | NE | 5 | δ | 3 | 75 | 55 | - | |
| Greencastle ... | 30.24 | 70 | ENE | 2 | δ | 30.17 | - .15 | 61 | 57 | + 2 | E | 2 | δ | * | 77 | 52 | - | |
| Donaghadee ... | 30.23 | 63 | NNE | 2 | δ | 30.18 | - .18 | 58 | 54 | - 1 | NNE | 3 | δ | 2 | 67 | 53 | - | |
| Kingstown ... | 30.22 | 66 | ENE | 1 | δ | 30.13 | - .21 | 59 | 55 | 0 | E | 4 | 0 | 4 | 66 | 58 | - | |
| Holyhead ... | 30.26 | 67 | NE | 3 | δ | 30.10 | - .24 | 60 | 56 | - 1 | NE | 5 | δ | 4 | 70 | 55 | - | |
| Liverpool (Hedston) ... | 30.19 | 68 | N | 1 | δ | 30.13 | - .22 | 59 | 58 | - 2 | ENE | 1 | 0 | 1 | 71 | 54 | - | |
| Valencia ... | 30.11 | 68 | NNW | 2 | δ | 30.00 | - .24 | 65 | 57 | - 1 | NE | 1 | δ | 3 | 73 | 55 | - | |
| Roche's Point... .. | 30.21 | 66 | ESE | 4 | δ | 30.04 | - .24 | 61 | 56 | - 2 | E | 6 | δ | 4 | 74 | 55 | - | |
| Pembroke ... | 30.13 | 68 | SE | 1 | δ | 30.02 | - .27 | 57 | 53 | - 3 | ENE | 4 | δ | 2 | 71 | 53 | - | |
| Portishead ... | 30.13 | 68 | NE | 4 | δ | 30.04 | - .29 | 58 | 54 | + 3 | NE | 6 | om | 4 | 71 | 52 | - | |
| Sailly ... | 30.08 | 64 | E | 8 | δ | 29.94 | - .28 | 62 | 59 | 0 | E | 6 | 0 | 5 | 65 | 61 | - | |
| Plymouth ... | 30.08 | 66 | ENE | 5 | δ | 29.98 | - .27 | 57 | 54 | - 4 | ENE | 3 | 0 | * | 68 | 56 | - | |
| Flurst Castle ... | 30.14 | 71 | ESE | 4 | δ | 29.99 | - .25 | 60 | 59 | - 1 | ENE | 4 | δ | 3 | 72 | 53 | - | |
| Dover ... | 30.15 | 61 | NE | 3 | δ | 29.98 | - .33 | 61 | 59 | - 1 | NE | 4 | δ | 2 | 64 | 58 | - | |
| London ... | 30.17 | 65 | ESE | 2 | δ | 30.03 | - .30 | 57 | 56 | - 2 | NE | 1 | od | * | 75 | 54 | - | |
| Oxford ... | * | * | * | * | * | 30.06 | - .28 | 56 | 55 | + 1 | N | 3 | 0 | * | 68 | 53 | - | |
| Cambridge ... | 30.18 | 68 | N | 2 | δ | 30.05 | - .31 | 59 | 58 | + 1 | N | 1 | δ | * | 70 | 52 | 0.01 | |
| Yarmouth ... | 30.21 | 60 | NNE | 3 | 0 | 30.08 | - .26 | 62 | 60 | + 2 | ENE | 4 | δ | 3 | 62 | 56 | - | |
| The Helder... .. | * | * | * | * | * | 30.08 | - .21 | 63 | 59 | + 2 | ENE | 2 | δ | * | * | * | - | |
| Cape Gris Nez ... | 30.16 | 61 | NE | 5 | 0 | 29.98 | - .31 | 63 | 61 | 0 | NE | 5 | 0 | 4 | 64 | 59 | - | |
| Jersey ... | 30.04 | 64 | E | 6 | δ | 29.92 | - .30 | 61 | 59 | - 3 | ENE | 6 | om | 5 | 66 | 60 | - | |
| Brest ... | 30.02 | 73 | E | 4 | 0 | 29.89 | - .31 | 63 | 59 | 0 | E | 4 | δ | 3 | 79 | 57 | - | |
| L'Orient ... | 29.91 | 68 | ENE | 5 | δ | 29.80 | - .31 | 61 | 59 | - 3 | ENE | 4 | δ | 3 | 77 | 59 | - | |
| Rochefort ... | 29.85 | 70 | E | 4 | δ | 29.73 | - .32 | 66 | 61 | + 2 | E | 4 | δ | 3 | 86 | 55 | - | |
| Biarritz ... | 29.82 | 73 | N | 3 | δ | 29.70 | - .12 | 66 | 64 | + 2 | SSE | 1 | δ | 3 | 82 | 63 | 0.16 | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.95 | - .28 | 60 | 56 | 0 | E | 5 | δ | * | 70 | 56 | - | |
| Charleville ... | * | * | * | * | * | 29.80 | - .39 | 61 | * | - 2 | ESE | 1 | δ | * | * | * | * | |
| Paris ... | 30.01 | 74 | ENE | 4 | δ | 29.89 | - .34 | 60 | 58 | + 2 | NNE | 4 | δ | * | * | * | - | |
| Lyons ... | * | * | * | * | * | 29.80 | - .29 | 66 | * | - 1 | N | 2 | 0 | * | * | * | * | |
| Toulon ... | 29.86 | 73 | N | 4 | δ | 29.70 | - .26 | 68 | 59 | - 5 | SW | 2 | 0 | 3 | 86 | ? | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|-----|---|
| Skudesnaes ... | 30.22 | 59 | 57 | NN | 6 | δ | 3 | Valencia ... | 30.19 | 72 | 64 | SE | 2 | bcw | 3 |
| Thurso ... | 30.35 | 67 | 60 | N | 1 | δ | 2 | Saillly | 30.14 | 64 | 60 | E | 8 | c | 6 |
| Scarborough ... | 30.32 | 59 | 54 | ENE | 2 | c | 2 | London | 30.25 | 66 | 61 | NNE | 2 | bc | " |
| Greencastle ... | 30.28 | 75 | 66 | ENE | 2 | δ | " | Rochefort ... | 29.87 | 81 | 77 | E | 5 | c | 3 |
| Holyhead | 30.26 | 67 | 63 | NE | 3 | δ | 3 | | | | | | | | |

The barometer has fallen over the whole of these Islands; at Lundy the decrease has been rather brisk during the past hour, and the easterly wind there has risen to a fresh gale.

EXPLANATION OF COLUMNS

WEATHER.—*Scattered* Scals h, 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.

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

DAILY WEATHER REPORT August 3rd 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY | | | | | | | | | | PAST 24 HOURS | | |
|--------------------------|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|------------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| | Barometer at 350 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 13). | | Reading at 350 F. and Sea Level. | Difference from 8 a.m. past today. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force. (0 to 13). | | | Max. | Min. | | | |
| | | | | | | | | | | | | | | | | | | | |
| Haparanda ... | 30.15 | 65 | N | 2 | δ | 30.28 | + .06 | 57 | 53 | - 9 | N | 4 | δ | * | 70 | 45 | - | | |
| Hernösund ... | 30.19 | 67 | SSW | 2 | δ | 30.30 | - .01 | 65 | 55 | - 3 | NE | 4 | δ | * | * | * | - | | |
| Stockholm ... | 30.20 | 62 | Z | 0 | δ | 30.27 | - .05 | 67 | 59 | + 3 | Z | 0 | δ | * | * | * | - | | |
| Wisby ... | 30.12 | 62 | ENE | 4 | δ | 30.19 | - .06 | 66 | 59 | + 1 | E | 6 | δ | * | * | * | - | | |
| Christiansund ... | 30.35 | 56 | NE | 5 | 0 | 30.30 | - .04 | 57 | 53 | + 2 | NE | 5 | δ | 3 | 59 | 50 | - | | |
| Skudesnaes ... | 30.22 | 59 | NNW | 2 | 0 | 30.17 | - .11 | 68 | 63 | 0 | NNE | 2 | δ | 2 | ? | 57 | - | | |
| Oxö (Klansund) ... | 30.20 | 68 | NE | 4 | δ | 30.17 | - .13 | 66 | 59 | + 1 | NE | 4 | δ | 2 | 68 | 61 | - | | |
| Skagen (The Seal) ... | 30.16 | 67 | NE | 3 | δ | 30.16 | - .12 | 64 | 59 | 0 | ENE | 4 | δ | 3 | 77 | 59 | - | | |
| Fanö ... | 30.03 | 65 | ENE | 4 | c | 29.96 | - .18 | 68 | 63 | + 4 | ENE | 6 | δ | * | 75 | 63 | - | | |
| Cuxhaven ... | 29.97 | ? | E | 5 | + | 29.88 | - .23 | 66 | 64 | + 3 | E | 4 | δ | * | 68 | 61 | - | | |
| Sumburgh Head ... | 30.33 | 55 | NE | 4 | 0 | 30.22 | - .10 | 55 | 55 | - 2 | NE | 5 | 0 | 4 | 60 | 53 | - | | |
| Stornoway ... | 30.19 | 62 | E | 5 | δ | 30.17 | - .08 | 58 | 55 | - 4 | E | 4 | δ | 4 | 65 | 57 | - | | |
| Thurso ... | 30.31 | 58 | E | 3 | 0 | 30.25 | - .10 | 56 | 53 | - 4 | NE | 2 | 0 | 2 | 63 | 44 | - | | |
| Wick ... | 30.29 | 57 | E | 2 | 0 | 30.23 | - .11 | 55 | 53 | - 4 | E | 2 | 0 | 0 | 60 | 53 | - | | |
| Nairn ... | 30.27 | 60 | NE | 14 | δ | 30.22 | - .08 | 56 | 54 | - 2 | Z | 0 | 0 | 0 | 57 | 55 | - | | |
| Aberdeen ... | 30.25 | 59 | NNE | 2 | 0 | 30.19 | - .12 | 55 | 53 | 0 | NNE | 3 | 0 | 2 | 60 | 54 | - | | |
| Leith ... | 30.19 | 57 | E | 3 | 0 | 30.12 | - .13 | 56 | 55 | - 2 | E | 4 | 0 | * | 61 | 55 | - | | |
| Shields ... | 30.13 | 61 | NE | 2 | δ | 30.00 | - .21 | 62 | 60 | + 3 | ENE | 5 | δc | 5 | 62 | 58 | - | | |
| Scarborough ... | 30.09 | 60 | ENE | 3 | δc | 29.92 | - .25 | 61 | 59 | + 1 | ENE | 6 | 0 | 5 | 65 | 60 | - | | |
| York ... | 30.06 | 66 | E | 3 | δ | 29.98 | - .26 | 62 | 60 | + 1 | ENE | 4 | 0 | * | 74 | 58 | - | | |
| Nottingham ... | 30.00 | 63 | NE | 6 | δc | 29.84 | - .27 | 60 | 60 | + 3 | NNE | 6 | + | * | 76 | 56 | 0.39 | | |
| Ardrossan ... | 30.13 | 64 | NE | 5 | δ | 30.10 | - .10 | 59 | 55 | - 3 | ENE | 4 | δc | 2 | 72 | 56 | - | | |
| Greencastle ... | 30.10 | 67 | ENE | 2 | 0 | 30.06 | - .11 | 61 | 57 | 0 | NE | 2 | δ | * | 72 | 53 | - | | |
| Donaghadee ... | 30.10 | 63 | NE | 4 | δc | 30.03 | - .15 | 58 | 55 | 0 | NE | 6 | δc | 5 | 66 | 55 | - | | |
| Kingstown ... | 30.03 | 64 | ENE | 5 | δc | 29.99 | - .14 | 60 | 57 | + 1 | NE | 4 | c | 5 | 65 | 59 | - | | |
| Holyhead ... | 30.01 | 67 | NE | 6 | δ | 29.89 | - .21 | 61 | 59 | + 1 | NE | 7 | c | 5 | 70 | 58 | - | | |
| Liverpool (Blakelaw) ... | 29.99 | 69 | NE | 1 | δ | 29.86 | - .27 | 63 | 59 | + 4 | NE | 2 | 0 | 20 | 74 | 59 | - | | |
| Valencia ... | 29.94 | 69 | ESE | 3 | δc | 29.91 | - .09 | 63 | 58 | - 2 | ENE | 3 | δm | 3 | 73 | 54 | - | | |
| Roche's Point ... | 30.00 | 63 | E | 4 | 0 | 29.91 | - .13 | 61 | 57 | 0 | NE | 4 | c | 3 | 69 | 55 | - | | |
| Pembroke ... | 29.92 | 68 | NN | 1 | δ | 29.87 | - .21 | 63 | 59 | + 6 | NE | 5 | c | 2 | 70 | 57 | - | | |
| Portishead ... | 29.88 | 67 | NE | 4 | c | 29.73 | - .31 | 62 | 60 | + 4 | NNE | 6 | 0 | 5 | 72 | 55 | - | | |
| Scilly ... | 29.88 | 65 | ENE | 5 | δc | 29.79 | - .15 | 62 | 58 | 0 | NNE | 5 | 0 | 4 | 65 | 59 | - | | |
| Plymouth ... | 29.86 | 68 | ENE | 4 | δ | 29.73 | - .25 | 63 | 59 | + 6 | NNE | 4 | 0 | * | 70 | 56 | - | | |
| Hurst Castle ... | 29.84 | 69 | E | 4 | δ | 29.69 | - .30 | 63 | 61 | + 3 | ENE | 4 | c | 4 | 72 | 58 | - | | |
| Dover ... | 29.85 | 64 | NE | 4 | δc | 29.68 | - .30 | 64 | 60 | + 3 | E | 5 | ogbw | 3 | 66 | 59 | 0.36 | | |
| London ... | 29.89 | 66 | NE | 4 | δc | 29.72 | - .31 | 61 | 57 | + 4 | ENE | 3 | c | * | 75 | 57 | 0.11 | | |
| Oxford ... | 29.89 | * | * | * | * | 29.76 | - .30 | 61 | 58 | + 5 | ENE | 3 | 0 | * | 72 | 56 | 0.01 | | |
| Cambridge ... | 29.92 | 77 | NE | 2 | c | 29.75 | - .30 | 61 | 60 | + 2 | N | 1 | + | * | 74 | 57 | 0.04 | | |
| Yarmouth ... | 29.94 | 63 | NE | 5 | δc | 29.77 | - .31 | 62 | 60 | 0 | ENE | 5 | c | 4 | 66 | 59 | 0.05 | | |
| The Helder ... | 29.94 | * | * | * | * | 29.77 | - .31 | 62 | 59 | - 1 | ENE | 3 | c | * | * | * | 0.04 | | |
| Cape Gris Nez ... | 29.85 | 63 | NE | 7 | + | 29.67 | - .31 | 59 | 59 | - 4 | NE | 2 | δ | 2 | 68 | 55 | 0.08 | | |
| Jersey ... | 29.80 | 64 | ENE | 10 | δ | 29.63 | - .29 | 62 | 61 | + 1 | NE | 5 | c | 4 | 66 | 58 | 0.10 | | |
| Brest ... | 29.80 | 75 | ENE | 5 | δ | 29.78 | - .11 | 59 | 55 | - 4 | NNE | 2 | δc | 3 | 75 | 54 | - | | |
| L'Orient ... | 29.70 | 68 | NE | 5 | δc | 29.69 | - .11 | 59 | 57 | - 2 | NE | 3 | c | 2 | 77 | 55 | - | | |
| Roche fort ... | 29.65 | 70 | WSW | 3 | c | 29.64 | - .09 | 63 | 57 | - 3 | ENE | 3 | δ | 3 | 82 | 57 | - | | |
| Biarritz ... | 29.64 | 75 | SW | 5 | + | 29.67 | - .03 | 66 | 61 | 0 | WSW | 5 | c | 4 | 73 | 61 | 1.02 | | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels ... | * | * | * | * | * | 29.67 | - .28 | 57 | 55 | - 3 | E | 5 | 0 | * | 65 | 52 | 0.12 | | |
| Charleville ... | * | * | * | * | * | 29.56 | - .24 | 59 | * | - 2 | ENE | 1 | δ | * | * | * | * | | |
| Paris ... | 29.71 | 68 | NE | 4 | δ | 29.63 | - .26 | 57 | 53 | - 3 | NNE | 3 | c | * | * | * | - | | |
| Lyons ... | * | * | * | * | * | 29.63 | - .17 | 58 | * | + 2 | S | 2 | 0 | * | * | * | * | | |
| Toulon ... | 29.65 | 64 | E | 5 | 0 | 29.63 | - .07 | 61 | 61 | - 7 | W | 3 | 0 | 4 | 70 | 66 | 0.91 | | |

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

| | Bar. | Dir. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dir. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 30.24 | 67 | 60 | NNW | 2 | bc | 2 | Valencia | 29.96 | 70 | 60 | ESE | 3 | bc | 4 |
| Thurso ... | 30.33 | 60 | 57 | E | 3 | 0 | 2 | Scilly | 29.92 | 63 | 58 | E | 6 | 0 | 5 |
| Scarborough ... | 30.13 | 63 | 61 | N | 2 | c | 3 | London | 29.94 | 69 | 60 | ENE | 5 | bc | * |
| Greencastle ... | 30.10 | 68 | 61 | ENE | 2 | c | * | Rochefort ... | 29.65 | 77 | 70 | ESE | 3 | c | 5 |
| Holyhead | 30.06 | 67 | 62 | NE | 6 | 3 | 4 | | | | | | | | |

Pressure still decreases everywhere but the changes are not great. The wind is fresh from the eastward over 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. equally; 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.

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.

SUMMARY OF WEATHER IN WESTERN EUROPE

from JULY 28th to AUGUST 3rd 1878.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The weather during the earlier part of this week was fine and dry with Nth winds. After Thursday, however, it became less settled, strong, cool easterly winds, rain, and severe thunderstorms setting in gradually over England and continuing in progress at the close of the week. Temperature has been, on the whole, about the average.

SUNDAY JULY 28th

Weather finer generally over the United Kingdom, but rainy in the S.W. of England, and very rainy in the N.W. of France and in Holstein.
Temperatures showing no change of importance though unsteady in the S.W.
Winds freshening from E. and SE. on our S.W. coast, while light Nth winds prevail in Scotland, and variable (but chiefly Eth) breezes over England.
Sea rough at the mouth of the Channel and on the S. coast of France.
Barometer high (rather above 30.0 ins), over the N. of Scandinavia and also over the N. of France, very uniform over the British Isles. A shallow depression over Denmark at 8 a.m., and a deeper one off our S.W. coast, travelling Nth during the day.

MONDAY JULY 29th

Weather very much finer over the United Kingdom than of late, but still cloudy in many parts of England and Scotland as well as on the Eth shores of the North Sea, and in the N.W. of France.
Temperatures decidedly lower than on the 28th, the maximum readings being below 70° except over our most southern counties while the minima during the ensuing night were very low (46° in London and 48° at Nottingham).
Winds Nth in our Nth districts, drawing into NE. in the S. and to E. at our S.W. stations, but light to moderate in force generally. To the Eth of the North Sea an altogether separate circulation in progress giving fresh E. to NE winds in the Skagerrack and a N.W. breeze in North Germany.
Sea little disturbed.
Barometer rising in our Islands, but falling a little over the Bay of Biscay. Readings highest (above 30.1 ins) off our N. and N.W. coast, lowest off North Germany.

TUESDAY JULY 30th

Weather fine generally but rather cloudy in the E. and N. of England and in N. Germany. Slight rain in the S.E. of England.
Temperatures differing little from that of the 29th, the maximum readings rising to between 70° and 74° at the Nth stations, but not above 68° at Nottingham and 70° in London.
Winds calm in Scotland, fresh from the Nth on our east coast, moderate from NE. in the Channel and France, and light from NNE in Ireland. Light Sth air appearing in the N. of Scotland at evening.
Barometer highest in the west and north, lowest over Spain and Germany, but gradients very slight except over the North Sea. Mercury rising very slowly during the day.

WEDNESDAY JULY 31st

Weather fine generally, and clear except at the eastern, south-eastern, and Central stations.
Temperature rather higher at 8 am than at the same hour on the 30th, especially in Ireland, but the maximum reading very low (66° to 69°) over the inland part of England, while in the north of Ireland they rose to 78°; and at the Danish stations to 77°.
Wind becoming E^{ly} to S^{ly} in the west and north-west, but remaining N^{ly} in the east, and NE^{ly} in the south, and blowing a little freshly in some places.
Sea slight or smooth generally.
Barometer uniformly high between (30.3 ins. and 30.4 ins.) over the United Kingdom, but gradient for NE^{ly} winds prevailing in France. The glass falling in the N. later in the day, and the fall gradually spreading eastwards.

THURSDAY AUGUST 1st

Weather showing very little change, the air being dry generally, and the sky clear except over the Central and Sth part of England.
Temperature rather higher over England during the daytime than on the 31st July, but the maxima still highest on our north-west coast and in Denmark.
Wind fresh from the E^{ly} at all the southern and south-western stations very light from the SE^{ly} in the north. The E^{ly} wind subsequently blowing a gale in several parts of the Channel, especially at Kelly.
Sea rough in the south.
Barometer falling briskly in the south and south-west but rising in the far north, but the gradient for E^{ly} winds in the S. never very steep.

FRIDAY AUGUST 2nd

Weather overcast over the greater part of England and the Channel, with drizzling rain for a time in the south-eastern counties and a great deal of haze in the N. and N. Thunderstorms in the south of France.
Temperature not altered very much, but slightly cooler during the day in most places; the maximum values ranging from 70° to 75° over England.
Wind moderate to fresh from the NE^{ly} or E^{ly} over the whole of Western Europe, but light and variable in the Nth part of Scandinavia. The NE^{ly} wind subsequently becoming strong at the English stations and in the Channel.
Sea rough in the south.
Barometer highest in the north, lowest in the south and falling generally. A depression advancing towards France from the Southward.

SATURDAY AUGUST 3rd

Weather fine on the eastern shores of the North Sea and also in Ireland and the N. of Scotland but dull over England and France, with rain in some places and thunder in the Strait of Dover. Severe thunderstorms in the southern counties later in the day with 1st time of rain in London.
Temperature changing little and irregularly.
Wind strong from the NE^{ly} over England and the English and St George's Channel, and at times blowing a slight gale in the squalls, but moderating towards night.
Sea rough both on our north-eastern and western coasts.
Barometer still highest 30.3 ins. in the N. The centre of a large depression over France and moving N^{ly} causing a continuous fall of the mercury in our Islands.

Meteorological Office,

116 Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT *August 4th* 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 24 HOURS. | | |
|-------------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|----------------|---------------------|--|
| | Barometer at 320 P. 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 320 P. 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 ... | 30.26 | 55 | N | 2 | bc | 30.37 | + 0.9 | 52 | 48 | - 5 | N | 4 | bc | * | 68 | 43 | - | |
| Hernösand ... | 30.30 | 55 | Z | 0 | bc | 30.33 | + 0.3 | 58 | 53 | - 7 | NE | 2 | bc | * | * | * | - | |
| Stockholm ... | 30.19 | 66 | E | 2 | bc | 30.23 | - 0.4 | 63 | 60 | - 4 | NNE | 2 | bc | * | * | * | - | |
| Wisby ... | 30.11 | 60 | E | 2 | bc | 30.11 | - 0.2 | 64 | 60 | - 2 | NNE | 2 | bc | * | * | * | - | |
| Christiansund ... | 30.25 | 56 | NE | 6 | bc | 30.25 | - 0.5 | 56 | 53 | - 1 | NE | 5 | bc | 3 | 63 | 48 | - | |
| Skudesnaes ... | 30.13 | 67 | N | 4 | bc | 30.16 | - 0.1 | 73 | 63 | + 5 | NE | 2 | bc | 2 | 73 | 57 | - | |
| Oxö (Klansand) ... | 30.13 | 70 | NE | 4 | bc | 30.16 | - 0.1 | 67 | 62 | + 1 | NE | 6 | bc | 2 | 72 | 54 | - | |
| Skagen (The Swan) ... | 30.10 | 68 | E | 4 | bc | 30.14 | - 0.2 | 66 | 61 | + 2 | E | 4 | c | 4 | 59 | 59 | - | |
| Fanö ... | 29.97 | 51 | ENE | 6 | bc | 30.06 | + 1.0 | 70 | 65 | + 2 | ENE | 6 | bc | * | 77 | 63 | - | |
| Cuxhaven ... | 29.89 | 72 | E | 3 | c | 29.88 | - 0.0 | 67 | 65 | + 1 | ESE | 3 | c | * | 72 | 64 | 0.04 | |
| Sumburgh Head ... | 30.18 | 57 | NE | 5 | c | 30.19 | - 0.3 | 58 | 56 | + 3 | NE | 5 | bc | 5 | 59 | 50 | - | |
| Stornoway ... | 30.11 | 58 | NE | 6 | bc | 30.13 | - 0.4 | 61 | 59 | + 3 | E | 6 | bc | 5 | 61 | 50 | - | |
| Thurso ... | 30.18 | 58 | ENE | 1 | c | 30.20 | - 0.5 | 61 | 57 | + 5 | Z | 0 | bc | 1 | 62 | 52 | - | |
| Wick ... | 30.17 | 56 | E | 2 | c | 30.18 | - 0.5 | 60 | 56 | + 5 | NE | 2 | bc | 0 | 61 | 50 | - | |
| Nairn ... | 30.18 | 57 | NE | 2 | c | 30.16 | - 0.8 | 58 | 55 | + 2 | Z | 0 | c | 1 | 61 | 55 | - | |
| Aberdeen ... | 30.11 | 63 | NNE | 3 | bc | 30.10 | - 0.9 | 62 | 57 | + 7 | NNE | 3 | bc | 2 | 65 | 55 | - | |
| Leith ... | 30.02 | 60 | E | 4 | bc | 29.98 | - 1.4 | 61 | 58 | + 5 | ENE | 4 | bc | * | 63 | 55 | 0.10 | |
| Shields ... | 29.93 | 61 | NE | 4 | c | 29.90 | - 1.0 | 61 | 60 | - 1 | NE | 2 | c | 6 | 63 | 58 | 1.02 | |
| Scarborough ... | 29.86 | 60 | ENE | 5 | c | 29.85 | - 0.7 | 62 | 60 | + 1 | ENE | 5 | c | 5 | 62 | 59 | 0.36 | |
| York ... | 29.86 | 62 | NE | 2 | c | 29.82 | - 0.8 | 64 | 62 | + 2 | NE | 2 | c | * | 65 | 59 | 0.54 | |
| Nottingham ... | 29.82 | 65 | NNE | 4 | c | 29.75 | - 0.9 | 61 | 61 | + 1 | N | 2 | c | * | 67 | 56 | 0.46 | |
| Ardrossan ... | 29.98 | 68 | NE | 4 | c | 29.96 | - 1.4 | 64 | 59 | + 5 | NE | 5 | c | 3 | 74 | 59 | - | |
| Greencastle ... | 29.99 | 70 | NE | 3 | c | 29.94 | - 1.2 | 61 | 58 | 0 | NE | 4 | c | * | 71 | 57 | 0.01 | |
| Donaghadee ... | 29.95 | 60 | NNE | 5 | c | 29.90 | - 1.3 | 58 | 58 | 0 | E | 4 | c | 3 | 64 | 57 | 0.08 | |
| Kingstown ... | 29.90 | 62 | NE | 7 | c | 29.87 | - 1.2 | 61 | 58 | + 1 | NE | 4 | c | 4 | 63 | 59 | 0.01 | |
| Holyhead ... | 29.85 | 64 | NNE | 5 | bc | 29.82 | - 0.7 | 63 | 61 | + 2 | NE | 2 | c | 2 | 67 | 60 | - | |
| Liverpool (Bidston) ... | 29.81 | 66 | ENE | 3 | bc | 29.80 | - 0.6 | 62 | 61 | - 1 | Z | 0 | c | 1 | 66 | 59 | 0.17 | |
| Valencia ... | 29.86 | 72 | NNE | 4 | c | 29.86 | - 0.5 | 60 | 58 | - 3 | NE | 3 | c | 3 | 73 | 57 | 0.04 | |
| Roche's Point ... | 29.89 | 64 | NE | 4 | c | 29.85 | - 0.6 | 61 | 58 | 0 | NNE | 3 | c | 3 | 68 | 55 | - | |
| Pembroke ... | 29.77 | 59 | E | 2 | c | 29.77 | - 0.4 | 63 | 60 | 0 | NE | 1 | bc | 1 | 68 | 55 | 0.07 | |
| Portishead ... | 29.71 | 65 | NNE | 4 | c | 29.76 | + 0.3 | 61 | 60 | - 1 | N | 2 | c | 2 | 72 | 55 | 0.10 | |
| Scilly ... | 29.76 | 64 | NNE | 3 | bc | 29.78 | - 0.1 | 63 | 61 | + 1 | NE | 2 | cw | 2 | 66 | 58 | - | |
| Plimouth ... | 29.73 | 60 | SSW | 1 | c | 29.77 | + 0.4 | 59 | 58 | + 4 | Z | 0 | bc | * | 70 | 50 | 0.23 | |
| Hurst Castle ... | 29.70 | 62 | N | 1 | bc | 29.75 | + 0.6 | 59 | 59 | - 4 | Z | 0 | cw | 0 | 70 | 55 | 0.19 | |
| Dover ... | 29.68 | 64 | NNE | 3 | bc | 29.75 | + 0.7 | 65 | 61 | + 1 | WSW | 3 | bc | 1 | 66 | 56 | 0.14 | |
| London ... | 29.72 | 65 | ENE | 2 | bc | 29.74 | + 0.2 | 60 | 59 | - 1 | Z | 0 | c | * | 75 | 55 | 1.65 | |
| Oxford ... | * | * | * | * | * | 29.74 | - 0.2 | 60 | 59 | - 1 | NE | 1 | c | * | 69 | 55 | 0.16 | |
| Cambridge ... | 29.73 | 65 | NE | 2 | c | 29.72 | - 0.3 | 62 | 61 | + 1 | N | 1 | c | * | 71 | 58 | 0.08 | |
| Yarmouth ... | 29.76 | 63 | ENE | 4 | c | 29.76 | - 0.1 | 62 | 60 | 0 | S | 2 | cw | 2 | 65 | 59 | 0.51 | |
| The Helder ... | * | * | * | * | * | 29.73 | - 0.4 | 65 | 63 | + 3 | E | 1 | c | * | * | * | 0.08 | |
| Cape Gris Nez ... | 29.70 | 61 | NE | 3 | c | 29.76 | + 0.9 | 61 | 59 | + 2 | S | 2 | cw | 1 | 68 | 54 | 0.28 | |
| Jersey ... | 29.71 | 64 | NNE | 2 | bc | 29.82 | + 1.9 | 62 | 60 | 0 | WSW | 2 | bc | 2 | 67 | 55 | - | |
| Brest ... | 29.81 | ? | N | 4 | bc | 29.87 | + 0.9 | 59 | 57 | 0 | SE | 1 | c | 2 | 68 | 52 | - | |
| L'Orient ... | 29.71 | 66 | NNW | 3 | bc | 29.85 | + 1.6 | 62 | 59 | + 2 | NE | 1 | bc | 1 | 70 | 52 | - | |
| Rochefort ... | 29.75 | 70 | NN | 4 | bc | 29.87 | + 2.3 | 66 | 61 | + 3 | NNW | 4 | c | 3 | 79 | 55 | - | |
| Biarritz ... | 29.82 | 70 | W | 5 | c | 29.89 | + 2.2 | 68 | 66 | + 2 | S | 3 | bc | 3 | 70 | 61 | 0.16 | |
| Corunna ... | * | * | * | * | * | 29.96 | * | 68 | * | * | SW | 3 | c | 1 | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.79 | + 1.2 | 63 | 60 | + 6 | SSW | 3 | c | * | 68 | 57 | - | |
| Charleville ... | * | * | * | * | * | 29.73 | + 1.7 | 59 | * | 0 | SW | 1 | c | * | * | * | * | |
| Paris ... | 29.67 | 66 | NNE | 1 | bc | 29.80 | + 1.7 | 60 | 58 | + 3 | SSE | 1 | c | * | * | * | 0.12 | |
| Lyons ... | * | * | * | * | * | 29.91 | + 2.8 | 64 | * | - 4 | NE | 2 | c | * | * | * | * | |
| Toulon ... | 29.77 | 70 | W | 4 | bc | 29.89 | + 2.6 | 66 | 63 | + 5 | W | 4 | bc | 4 | 73 | 61 | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 30.12 | 73 | 59 | NNW | 6 | bc | 3 | Valencia | 29.89 | 65 | 62 | N | 3 | c | 4 |
| Thurso | 30.20 | 59 | 56 | NE | 2 | 0 | 2 | Scilly | 29.76 | 65 | 63 | NNE | 4 | cw | 4 |
| Scarborough ... | 29.88 | 60 | 59 | ENE | 5 | 0 | 5 | London | 29.71 | 62 | 60 | NNE | 3 | c | * |
| Greencastle ... | 30.04 | 67 | 60 | NE | 2 | bc | * | Roche fort ... | 29.69 | 70 | 66 | NN | 4 | bc | 3 |
| Holyhead | 29.87 | 63 | 60 | NE | 5 | 0 | 4 | | | | | | | | |

The barometer has fallen a little in all places, but most in the north. The NE^{ly} wind has consequently lulled a little, but the weather remains cloudy.

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.

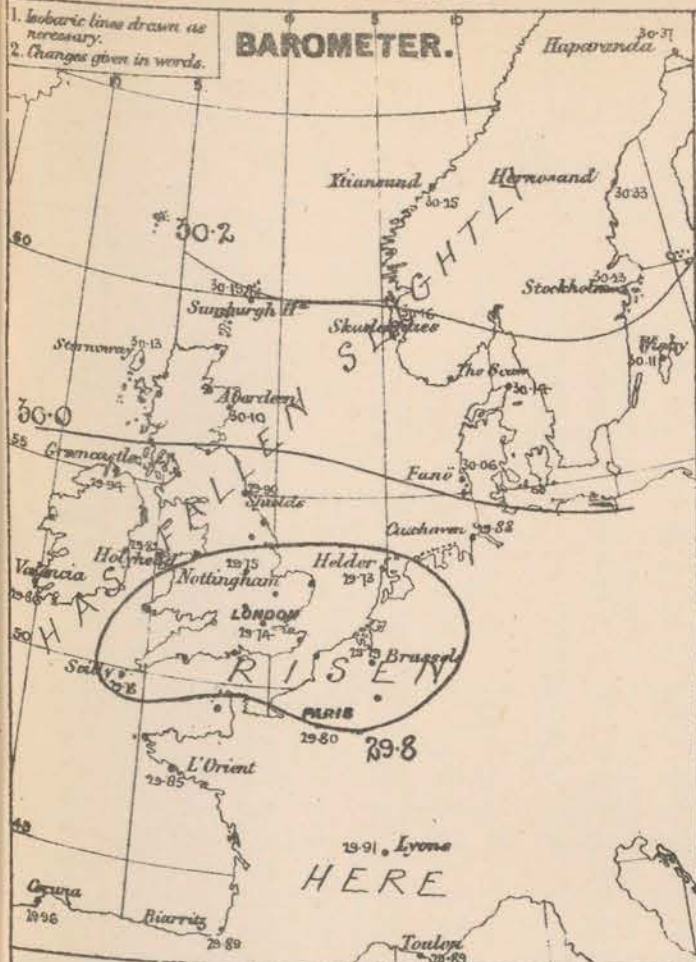
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 4 August. 1878.

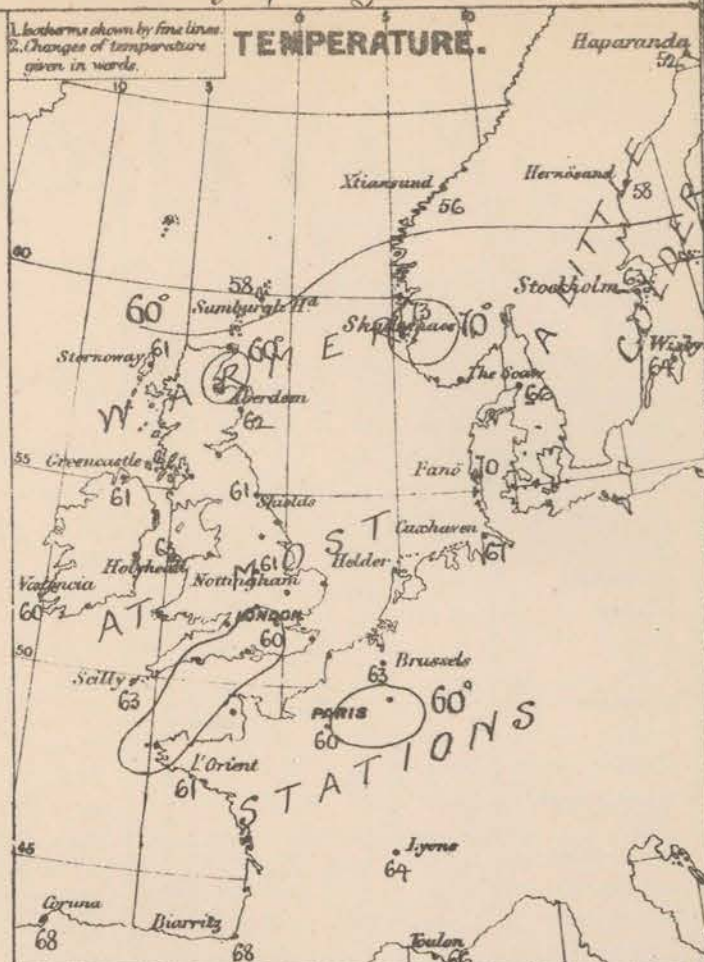
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



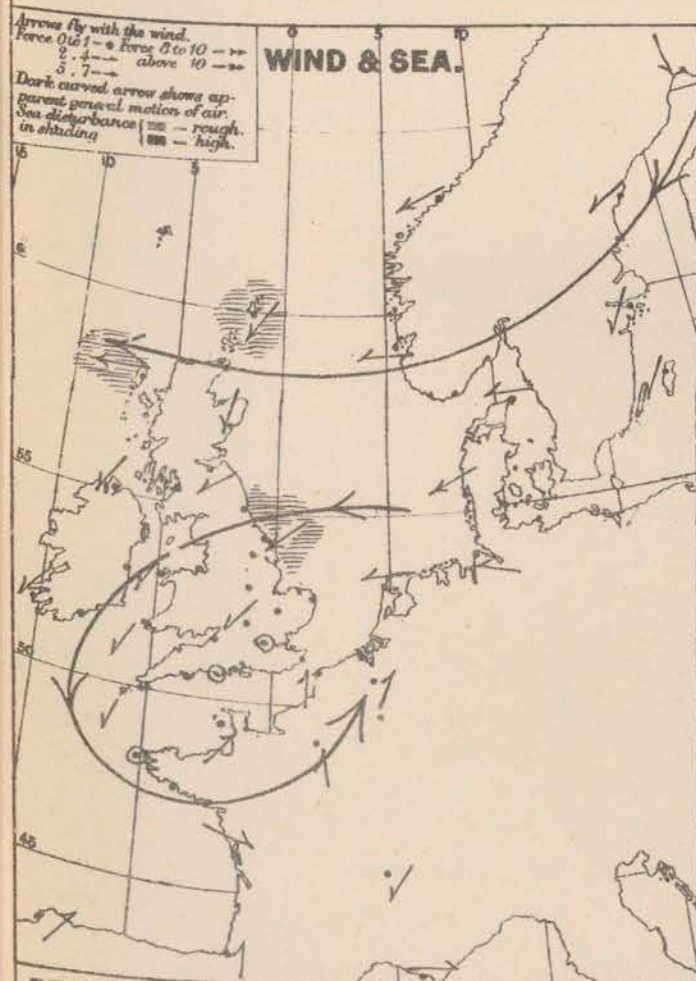
1. Isotherms shown by fine lines
2. Changes of temperature given in words

TEMPERATURE.



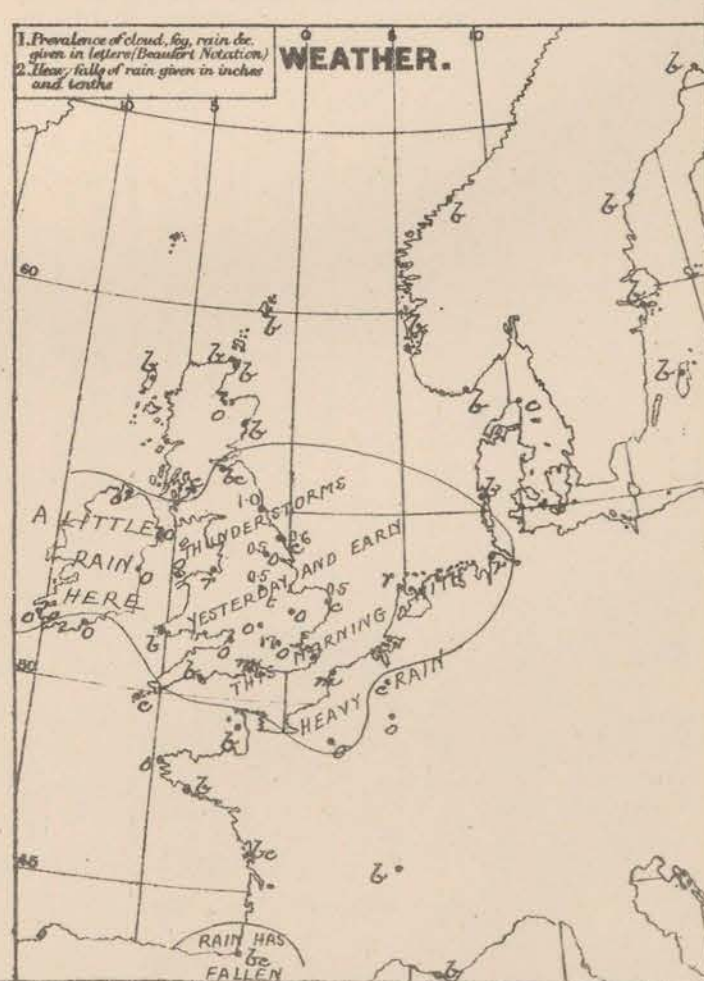
Arrows fly with the wind.
Force 0 to 1 - Force 8 to 10 -
2, 4 - above 10 -
5, 7 -
Dark curved arrow shows ap-
parent general motion of air.
Sea disturbance { rough.
in striking { high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is beautifully fine and bright in Scandinavia, Denmark and the N. of Scotland, as well so in the S. of France, but very dull and unsettled in Ireland and England, with thunderstorms in places. Several thunderstorms have occurred over the E. counties since yesterday, that which passed over London some after midnight having been of exceptional severity. The heaviest falls of rain reported are 1.7 in in London, 10 in at Shields, under half an inch at York, Scarborough and Yarmouth, and nearly half an inch at Nottingham. Temperature has risen somewhat in the N. It now varies from 46° to 73° in Denmark and the S. of Norway, but is not so high over the United Kingdom. Wind is moderate to fresh from the NE over the North Sea, and the N and W parts of our Islands. It is calm or very light and variable at our S. stations, and in France. Sea is rough in the NE, slight elsewhere.

Barometrical Indications. The depression whose centre has been recently noticed over France has moved N^o and its force has become less regular. The lowest readings are now reported from the Netherlands, and E. counties of England, the highest from Scandinavia, and the appearance in the S. is still very unsettled.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

August 5th 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY | | | | | | | | | | LAST 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. | Sea. (1° 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 ... | | | | | | | | | | | | | * | | | | | | |
| Hernösand ... | | | | | | | | | | | | | * | * | * | | | | |
| Stockholm ... | | | | | | | | | | | | | * | * | * | | | | |
| Wisby ... | | | | | | | | | | | | | * | * | * | | | | |
| Christiansund ... | 30.20 | 57 | NNE | 4 | b | 30.19 | - .06 | 58 | 24 | + 2 | NE | 2 | b | 2 | | 64 | 45 | | |
| Skudesnaes ... | 30.12 | 67 | NNW | 4 | b | 30.17 | + .04 | 71 | 61 | - 2 | ENE | 2 | b | 2 | | 73 | 66 | | |
| Oxö (Xlansand) ... | 30.15 | 68 | S | 4 | b | 30.19 | + .03 | 66 | 59 | - 1 | NE | 6 | 2 | 3 | | 70 | 63 | | |
| Skagen (The Seaw) ... | 30.14 | 67 | E | 3 | b | 30.16 | + .02 | 64 | 58 | + 2 | E | 3 | b | 3 | | 72 | 61 | | |
| Fanö ... | 30.05 | 64 | E | 4 | b | 30.05 | - .01 | 68 | 64 | - 2 | ENE | 6 | b | * | | 79 | 57 | | |
| Cuxhaven ... | 29.96 | 70 | ENE | 2 | b | 30.01 | + .13 | 66 | 64 | - 1 | ESE | 3 | b | * | | 70 | 61 | | |
| Sumburgh Head ... | 30.17 | 56 | NE | 4 | f | 30.15 | - .04 | 59 | 58 | + 1 | NE | 4 | b | 4 | | 80 | 51 | | |
| Stornoway ... | 30.05 | 68 | ENE | 5 | b | 30.00 | - .13 | 61 | 58 | 0 | ENE | 6 | b | 5 | | 65 | 54 | | |
| Thurso ... | 30.14 | 58 | NNE | 1 | f | 30.09 | - .11 | 66 | 61 | + 5 | E | 4 | b | 2 | | 69 | 54 | | |
| Wick ... | 30.12 | 56 | NE | 2 | f | 30.07 | - .11 | 61 | 59 | + 1 | NE | 3 | b | 2 | | 66 | 54 | | |
| Nairn ... | 30.08 | 61 | NE | 4 | o | 30.02 | - .14 | 62 | 59 | + 4 | E | 2 | o | 2 | | 67 | 55 | | |
| Aberdeen ... | 30.05 | 62 | NNE | 3 | f | 30.02 | - .08 | 60 | 59 | - 2 | E | 3 | + | 3 | | 66 | 59 | | |
| Leith ... | 29.93 | 60 | E | 3 | o | 29.91 | - .07 | 62 | 60 | + 1 | E | 3 | b | * | | 67 | 58 | | |
| Shields ... | 29.87 | 60 | E | 4 | o | 29.94 | + .04 | 60 | 59 | - 1 | SE | 4 | o | 5 | | 62 | 57 | | |
| Scarborough ... | 29.85 | 58 | ESE | 2 | b | 29.95 | + .10 | 61 | 60 | - 1 | ESE | 2 | o | 3 | | 62 | 58 | | |
| York ... | 29.79 | 64 | E | 2 | b | 29.92 | + .10 | 62 | 59 | - 2 | SSE | 1 | b | * | | 65 | 55 | | |
| Nottingham ... | 29.75 | 69 | E | 4 | b | 29.90 | + .15 | 61 | 59 | 0 | SE | 2 | o | * | | 71 | 55 | | |
| Ardrossan ... | 29.88 | 69 | NE | 5 | o | 29.87 | - .09 | 65 | 61 | + 1 | E | 3 | o | 2 | | 78 | 61 | | |
| Greencastle ... | 29.87 | 68 | NE | 3 | o | 29.81 | - .13 | 61 | 59 | 0 | NE | 3 | o | * | | 73 | 57 | | |
| Donaghadee ... | 29.83 | 62 | NE | 4 | o | 29.82 | - .08 | 59 | 58 | + 1 | ENE | 6 | o | 4 | | 64 | 57 | | |
| Kingstown ... | 29.79 | 63 | N | 4 | o | 29.74 | - .13 | 60 | 58 | - 1 | ESE | 4 | o | 4 | | 64 | 58 | | |
| Holyhead ... | 29.74 | 65 | ENE | 4 | o | 29.79 | - .03 | 59 | 58 | - 4 | SE | 2 | o | 1 | | 67 | 58 | | |
| Liverpool (Bidston) ... | 29.72 | 66 | ENE | 2 | b | 29.84 | + .04 | 60 | 57 | - 2 | E | 3 | o | 1 | | 68 | 57 | | |
| Valencia ... | 29.79 | 63 | Z | 0 | o | 29.64 | - .22 | 62 | 61 | + 2 | NE | 4 | o | 4 | | 67 | 58 | | |
| Roche's Point ... | 29.79 | 68 | ESE | 3 | o | 29.66 | - .19 | 62 | 60 | + 1 | E | 3 | o | 3 | | 73 | 55 | | |
| Pembroke ... | 29.72 | 60 | NNW | 1 | o | 29.73 | - .04 | 59 | 59 | - 4 | SE | 3 | o | 2 | | 67 | 58 | | |
| Portishead ... | 29.74 | 61 | WSW | 3 | + | 29.61 | + .05 | 61 | 60 | 0 | S | 3 | + | 3 | | 66 | 58 | | |
| Scilly ... | 29.78 | 66 | Z | 0 | b | 29.76 | - .02 | 63 | 61 | 0 | SSE | 1 | o | 1 | | 68 | 63 | | |
| Plymouth ... | 29.77 | 64 | SW | 2 | b | 29.79 | + .02 | 62 | 61 | + 3 | SE | 3 | o | * | | 69 | 58 | | |
| Hurst Castle ... | 29.79 | 63 | N | 3 | o | 29.80 | + .11 | 68 | 66 | + 7 | SSE | 2 | b | 2 | | 70 | 58 | | |
| Dover ... | 29.83 | 63 | WSW | 2 | b | 29.90 | + .15 | 69 | 62 | + 4 | E | 1 | b | 1 | | 69 | 59 | | |
| London ... | 29.79 | 67 | S | 1 | o | 29.88 | + .14 | 66 | 60 | + 6 | SE | 2 | b | * | | 72 | 57 | | |
| Oxford ... | * | * | * | * | * | 29.87 | + .13 | 61 | 59 | + 1 | S | 1 | o | * | | 69 | 57 | | |
| Cambridge ... | 29.77 | 62 | S | 1 | o | 29.89 | + .17 | 64 | 62 | + 2 | SE | 1 | o | * | | 75 | 55 | | |
| Yarmouth ... | 29.82 | 63 | SE | 3 | b | 29.95 | + .19 | 64 | 63 | + 2 | ESE | 2 | b | 3 | | 66 | 60 | | |
| The Helder ... | * | * | * | * | * | 29.95 | + .22 | 66 | 62 | + 1 | NNW | 1 | b | * | | * | * | | |
| Cape Gris Nez ... | 29.84 | 64 | SW | 2 | o | 29.91 | + .15 | 70 | 63 | + 9 | SSE | 1 | b | 0 | | 70 | 57 | | |
| Jersey ... | 29.85 | 64 | Z | 0 | o | 29.87 | + .08 | 64 | 62 | + 2 | SSE | 2 | o | 2 | | 68 | 59 | | |
| Brest ... | 29.88 | ? | WSW | 3 | b | 29.86 | - .01 | 61 | 59 | + 2 | SE | 2 | o | 3 | | 68 | 57 | | |
| L'Orient ... | 29.86 | 68 | N | 3 | b | 29.84 | - .01 | 64 | 63 | + 4 | S | 2 | + | 2 | | 73 | 59 | | |
| Rochefort ... | 29.91 | 70 | NNW | 3 | b | 29.89 | + .02 | 66 | 63 | 0 | E | 2 | o | 3 | | 82 | 55 | | |
| Biarritz ... | 29.75 | 75 | ENE | 3 | b | 29.82 | - .07 | 70 | 66 | + 2 | SSE | 1 | b | 3 | | 84 | 66 | | |
| Corunna ... | * | * | * | * | * | | | * | | | | | | | | * | * | | |
| Brussels ... | * | * | * | * | * | 29.95 | + .16 | 66 | 61 | + 3 | S | 1 | b | * | | 73 | 58 | | |
| Charleville ... | * | * | * | * | * | 29.86 | + .13 | 63 | * | + 4 | ESE | 1 | b | * | | * | * | | |
| Paris ... | 29.85 | 71 | SW | 3 | o | 29.90 | + .10 | 61 | 59 | + 1 | SE | 3 | o | * | | * | * | | |
| Lyons ... | * | * | * | * | * | 30.00 | + .29 | 70 | * | + 6 | E | 2 | o | * | | * | * | | |
| Toulon ... | 29.93 | 68 | N | 4 | o | 29.95 | + .06 | 66 | 61 | 0 | E | 3 | b | 3 | | 79 | 64 | | |

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

| Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | |
|-----------------|------|------|-------|------|------|----------------|-------|------|-------|------|------|---|---|
| Skudesnaes ... | | | | | | Valencia | | | | | | | |
| Thurso | | | | | | Scilly | | | | | | | |
| Scarborough ... | | | | | | London | | | | | * | | |
| Greencastle ... | | | | | * | Rochefort ... | 29.89 | 77 | 66 | NNW | 2 | b | 3 |
| 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.

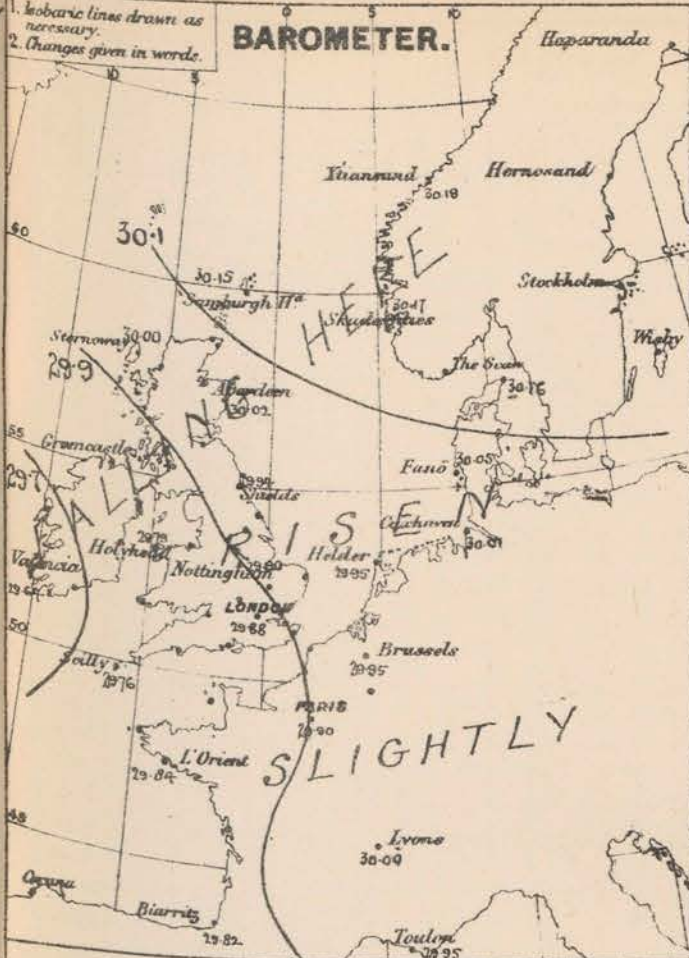
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 5 August 1878.

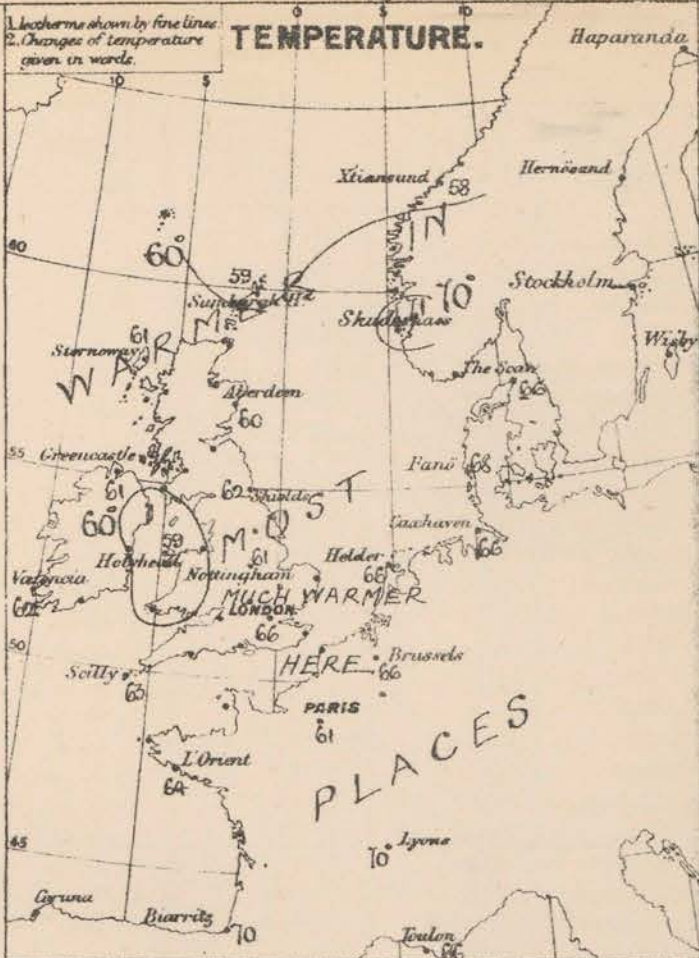
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



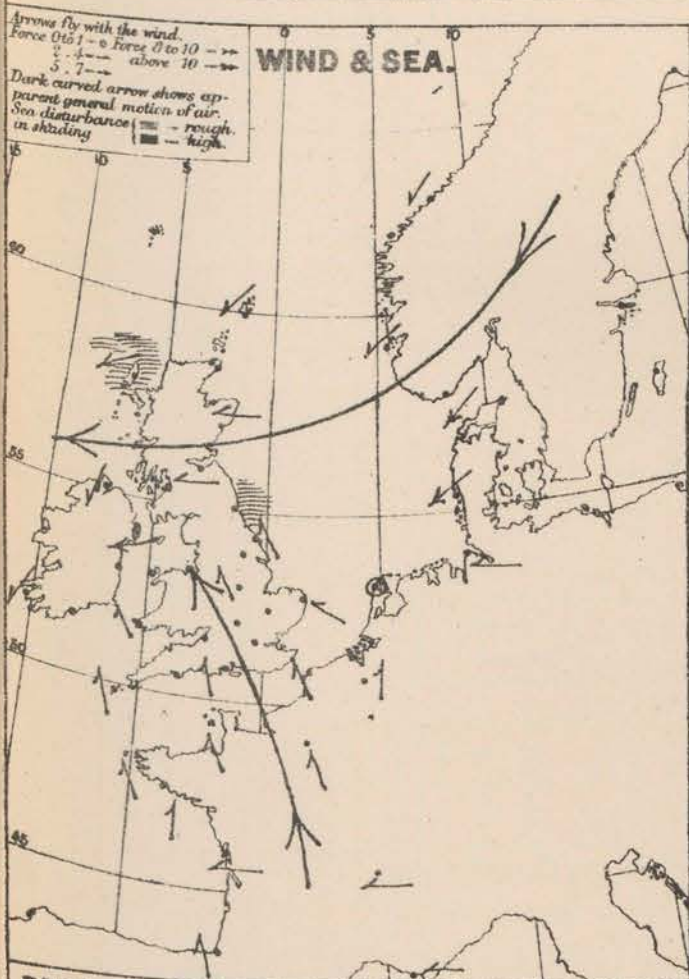
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



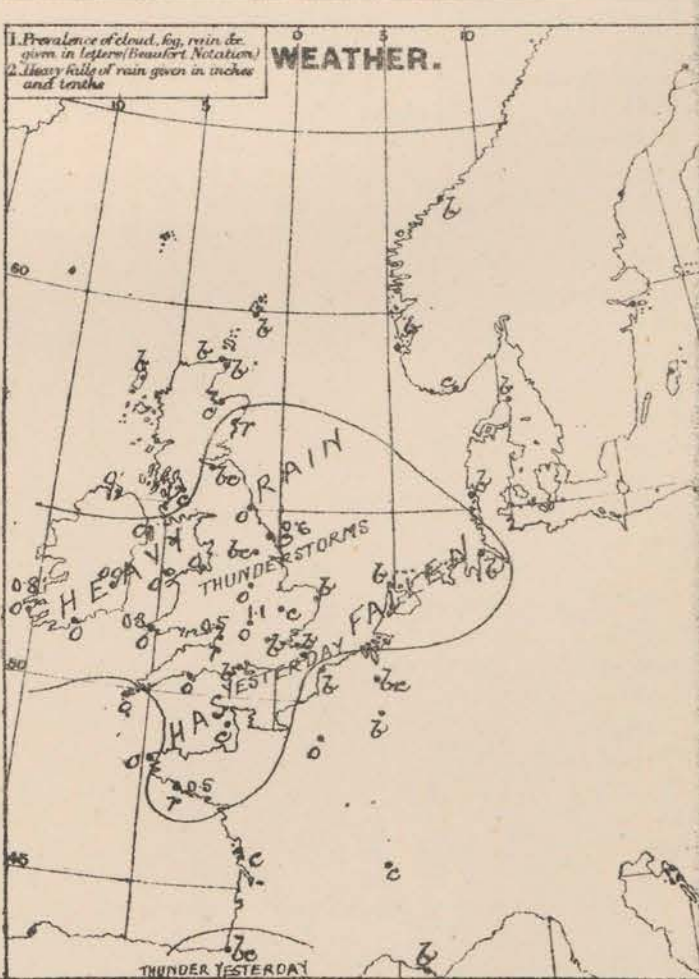
1. Arrows fly with the wind. Force 0 to 10 ——— above 10 ———
2. Dark curved arrow shows apparent general motion of air. Sea disturbance in shading ——— rough ——— high.

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

Weather remains clear and bright on the E. shore of the North Sea, and also at some stations in the N. and E. of the United Kingdom, but is overcast in the W. with rain in some places. Thunderstorms again occurred over the SE. and central parts of England accompanied by heavy falls of rain in some localities. As usual, however, the showers were very local. The heaviest falls reported were 1.1 in. at Colport, 0.8 in. at Valentia and Penzance, and 0.6 in. at Penbryn. Temperature has risen quickly at the SE. stations and is as high as 65° at Hunt-Castle, and 70° at Cape Gris Nez, similar readings are reported from the W. of Norway, and S. of France. On the W. and N. coasts, however, the readings vary from 59° to 63°. The highest reading recorded at any of our stations yesterday was 78° at Hornsea. Wind is moderate to fresh from the E. at our N. stations, and from E. to NE. in the islands. Over England, however, and the N. of France it is light from SE. and in Holland it is variable. Sea is rather rough at Helder and Sluys, but is moderate or slight elsewhere.

Barometrical Indications. The barometer remains highest (about 30.2 in.) over Scandinavia, and is lowest (about 29.65 in.) off the S. of Ireland, while a very shallow secondary depression seems to be located over the Netherlands. The mercury is now falling in the W. but rising in the SE. and our thunderstorms were probably over England.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 4/ per quarter, book post 6/ per quarter.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT AUGUST 6TH 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PART 24 HOURS. | | |
|-------------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| | Barometer at 3 p.m. 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 8 a.m. 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 ... | 30.06 | 56 | N | 2 | o | 30.13 | -.13 | 49 | 44 | -6 | N | 4 | o | * | 59 | 41 | - | | |
| Hernösand ... | 30.10 | 59 | S | 4 | o | 30.10 | -.22 | 60 | 53 | +4 | NNE | 6 | o | * | * | * | - | | |
| Stockholm ... | 30.18 | 58 | SSW | 2 | o | 30.10 | -.16 | 66 | 58 | +5 | SW | 2 | o | * | * | * | - | | |
| Wisby ... | 30.16 | 57 | ESE | 6 | o | 30.13 | -.12 | 59 | 56 | -8 | NE | 4 | o | * | * | * | - | | |
| Christiansund ... | 30.15 | 57 | NE | 4 | o | 30.10 | -.09 | 65 | 62 | +9 | NE | 3 | f | 2 | 66 | 46 | - | | |
| Skudesnaes ... | 30.12 | 67 | NNH | 2 | m | 30.07 | -.10 | 69 | 62 | -2 | NE | 4 | c | 2 | 72 | 50 | - | | |
| Oxö (Xtiansand) ... | 30.14 | 68 | NE | 4 | o | 30.11 | -.08 | 65 | 57 | -1 | ENE | 4 | o | 2 | 69 | 59 | - | | |
| Skagen (The Seaw) ... | 30.12 | 67 | NE | 4 | o | 30.11 | -.05 | 67 | 60 | +3 | SSE | 2 | o | 1 | 71 | 61 | - | | |
| Fanö ... | 30.02 | 65 | E | 6 | o | 29.98 | -.07 | 65 | 62 | -3 | E | 4 | c | * | 75 | 59 | - | | |
| Cuxhaven ... | 29.99 | 70 | ENE | 1 | o | 29.95 | -.04 | 68 | 67 | +2 | ESE | 3 | m | * | 70 | 63 | - | | |
| Sumburgh Head ... | 30.10 | 61 | NE | 3 | o | 30.03 | -.12 | 61 | 59 | +2 | NE | 4 | o | 4 | 64 | 55 | - | | |
| Stornoway ... | 29.91 | 67 | SE | 6 | bc | 29.85 | -.05 | 63 | 60 | +2 | SSE | 14 | o | 5 | 69 | 58 | - | | |
| Thurso ... | 30.02 | 62 | ESE | 3 | bc | 29.94 | -.15 | 62 | 59 | -4 | ESE | 3 | o | 2 | 72 | 58 | - | | |
| Wick ... | 30.03 | 63 | E | 1 | f | 29.93 | -.14 | 61 | 59 | 0 | E | 2 | o | 1 | 69 | 54 | - | | |
| Nairn ... | 29.97 | 67 | E | 3 | c | 29.90 | -.12 | 61 | 58 | -1 | E | 1 | o | 2 | 73 | 58 | 0.05 | | |
| Aberdeen ... | 29.99 | 61 | SE | 1 | o | 29.90 | -.12 | 59 | 59 | -1 | NE | 1 | m | 1 | 64 | 58 | 0.03 | | |
| Leith ... | 29.90 | 61 | E | 4 | bc | 29.83 | -.08 | 59 | 59 | -3 | E | 3 | of | * | 74 | 54 | 0.10 | | |
| Shields ... | 29.92 | 62 | ENE | 2 | o | 29.81 | -.13 | 60 | 60 | 0 | ENE | 2 | of | 3 | 64 | 57 | 0.03 | | |
| Scarborough ... | 29.93 | 59 | ESE | 1 | o | 29.82 | -.13 | 59 | 59 | -2 | E | 1 | m | 2 | 64 | 56 | 0.01 | | |
| York ... | 29.90 | 67 | E | 3 | o | 29.81 | -.11 | 61 | 60 | -1 | E | 1 | p | * | 75 | 54 | 0.01 | | |
| Nottingham ... | 29.86 | 71 | ESE | 2 | c | 29.76 | -.14 | 61 | 60 | 0 | NNE | 2 | p | * | 77 | 57 | 0.20 | | |
| Ardrossan ... | 29.85 | 68 | SSW | 3 | c | 29.81 | -.06 | 63 | 60 | -2 | ENE | 3 | o | 2 | 75 | 56 | 0.07 | | |
| Greencastle ... | 29.79 | 64 | SE | 3 | o | 29.75 | -.06 | 57 | 56 | -4 | ENE | 2 | p | * | 67 | 56 | 0.07 | | |
| Donaghadee ... | 29.82 | 62 | ENE | 4 | c | 29.77 | -.05 | 58 | 56 | -1 | ENE | 4 | e | 3 | 64 | 56 | 0.06 | | |
| Kingstown ... | 29.79 | 62 | SSE | 4 | bc | 29.73 | -.01 | 61 | 60 | +1 | E | 3 | bc | 3 | 62 | 58 | 0.59 | | |
| Holyhead ... | 29.81 | 68 | SSE | 1 | c | 29.72 | -.07 | 63 | 62 | +4 | ENE | 3 | o | 2 | 71 | 59 | 0.12 | | |
| Liverpool (Bidston) ... | 29.80 | 59 | ESE | 2 | c | 29.74 | -.10 | 59 | 57 | -1 | E | 3 | m | 1 | 71 | 57 | 0.24 | | |
| Valencia ... | 29.65 | 62 | SSE | 3 | f | 29.64 | -.01 | 63 | 62 | +1 | SSE | 2 | o | 3 | 67 | 59 | 0.59 | | |
| Roche's Point... .. | 29.72 | 64 | SSE | 3 | o | 29.68 | +0.02 | 61 | 61 | -1 | E | 3 | p | 3 | 69 | 59 | 0.28 | | |
| Pembroke ... | 29.78 | 65 | SE | 1 | bc | 29.67 | -.06 | 64 | 61 | +5 | E | 2 | bc | 2 | 68 | 59 | - | | |
| Portishead ... | 29.79 | 65 | SSW | 2 | o | 29.70 | -.11 | 65 | 63 | +4 | E | 3 | o | 3 | 75 | 57 | 0.08 | | |
| Scilly ... | 29.75 | 64 | ESE | 5 | o | 29.68 | -.08 | 62 | 61 | -1 | % | 0 | o | 1 | 68 | 60 | 0.07 | | |
| Plymouth ... | 29.78 | 65 | SE | 3 | o | 29.66 | -.13 | 63 | 62 | +1 | SE | 3 | o | * | 69 | 60 | 0.05 | | |
| Hurst Castle ... | 29.80 | 69 | ESE | 2 | o | 29.70 | -.16 | 65 | 65 | -3 | ENE | 3 | c | 3 | 73 | 62 | 0.29 | | |
| Dover ... | 29.85 | 66 | E | 3 | o | 29.74 | -.16 | 71 | 65 | +2 | SW | 1 | o | 0 | 71 | 64 | 0.05 | | |
| London ... | 29.83 | 71 | ESE | 3 | o | 29.74 | -.14 | 66 | 64 | 0 | SSE | 1 | c | * | 81 | 59 | 0.38 | | |
| Oxford ... | * | * | * | * | * | 29.73 | -.14 | 65 | 63 | +4 | % | 0 | o | * | 74 | 60 | 0.25 | | |
| Cambridge ... | 29.84 | 72 | NNE | 1 | c | 29.75 | -.14 | 67 | 66 | +3 | SE | 1 | c | * | 80 | 59 | 0.33 | | |
| Yarmouth ... | 29.91 | 66 | E | 2 | o | 29.78 | -.17 | 64 | 63 | 0 | ENE | 1 | bc | 2 | 67 | 60 | 0.03 | | |
| The Helder ... | * | * | * | * | * | 29.83 | -.12 | 69 | 66 | +3 | E | 1 | bc | * | * | * | - | | |
| Cape Gris Nez ... | 29.84 | 66 | NE | 2 | c | 29.73 | -.18 | 66 | 64 | -4 | SW | 2 | bc | 1 | 73 | 64 | 0.04 | | |
| Jersey ... | 29.80 | 67 | NE | 1 | o | 29.75 | -.12 | 66 | 61 | +2 | SSW | 3 | c | 3 | 72 | 61 | - | | |
| Brest ... | 29.80 | 68 | S | 2 | o | 29.76 | -.10 | 61 | 61 | 0 | SW | 2 | o | 3 | 68 | 59 | 0.32 | | |
| L'Orient ... | 29.79 | 64 | SSE | 3 | c | 29.76 | -.08 | 64 | 63 | 0 | SW | 3 | o | 2 | 72 | 61 | - | | |
| Rochefort ... | 29.82 | 73 | NNH | 3 | c | 29.87 | -.02 | 66 | 63 | 0 | S | 2 | c | 3 | 84 | 59 | - | | |
| Biarritz ... | 29.88 | 72 | NNH | 4 | bc | 29.85 | +0.03 | 66 | 64 | -4 | NNH | 1 | c | 3 | 82 | 63 | - | | |
| Ostunna ... | * | * | * | * | * | | | * | * | * | | | | | * | * | * | | |
| Brussels ... | * | * | * | * | * | 29.79 | -.16 | 69 | 64 | +3 | SE | 2 | o | * | 79 | 64 | - | | |
| Charleville ... | * | * | * | * | * | ? | ? | 70 | * | +7 | SE | 1 | o | * | * | * | * | | |
| Paris ... | 29.80 | 78 | E | 1 | bc | 29.81 | -.09 | 67 | 64 | +6 | SSW | 2 | o | * | * | * | - | | |
| Lyons ... | * | * | * | * | * | 29.93 | -.07 | 77 | * | +7 | S | 2 | o | * | * | * | * | | |
| Toulon ... | 29.94 | 70 | SE | 3 | m | 29.96 | +0.01 | 68 | 66 | +2 | ESE | 4 | m | 3 | 79 | 66 | - | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 30.13 | 72 | 63 | ENE | 3 | m | 2 | Valencia | 29.65 | 66 | 61 | E | 2 | o | 3 |
| Thurso | 30.06 | 71 | 64 | E | 3 | o | 2 | Scilly | 29.76 | 65 | 63 | SE | 4 | bc | 2 |
| Scarborough ... | 29.96 | 62 | 61 | SE | 2 | bc | 3 | London | 29.87 | 75 | 64 | SE | 3 | c | * |
| Greencastle ... | 29.80 | 64 | 59 | ESE | 3 | o | * | Rochefort ... | 29.83 | 75 | 68 | NH | 2 | bc | 3 |
| Holyhead | 29.82 | 66 | 64 | SSE | 2 | c | 1 | | | | | | | | |

No important change.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; o. 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.

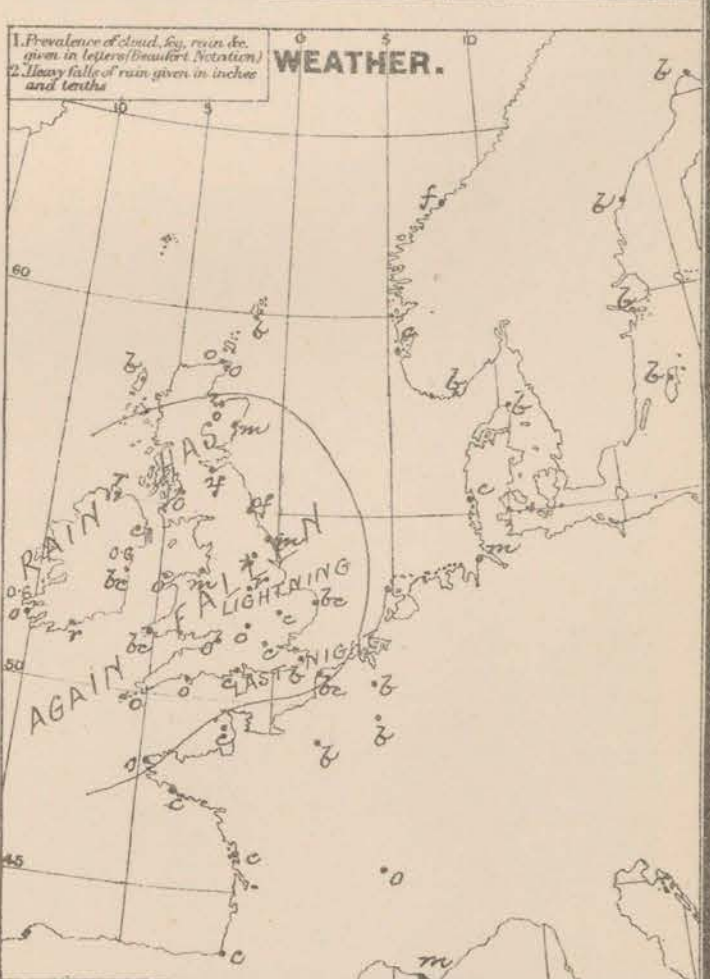
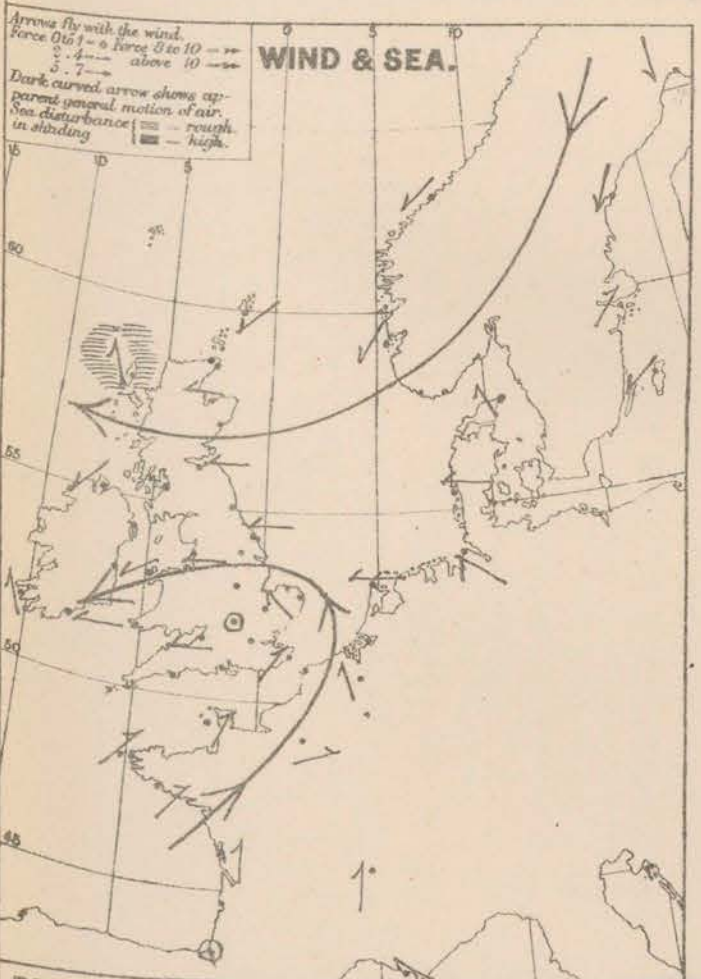
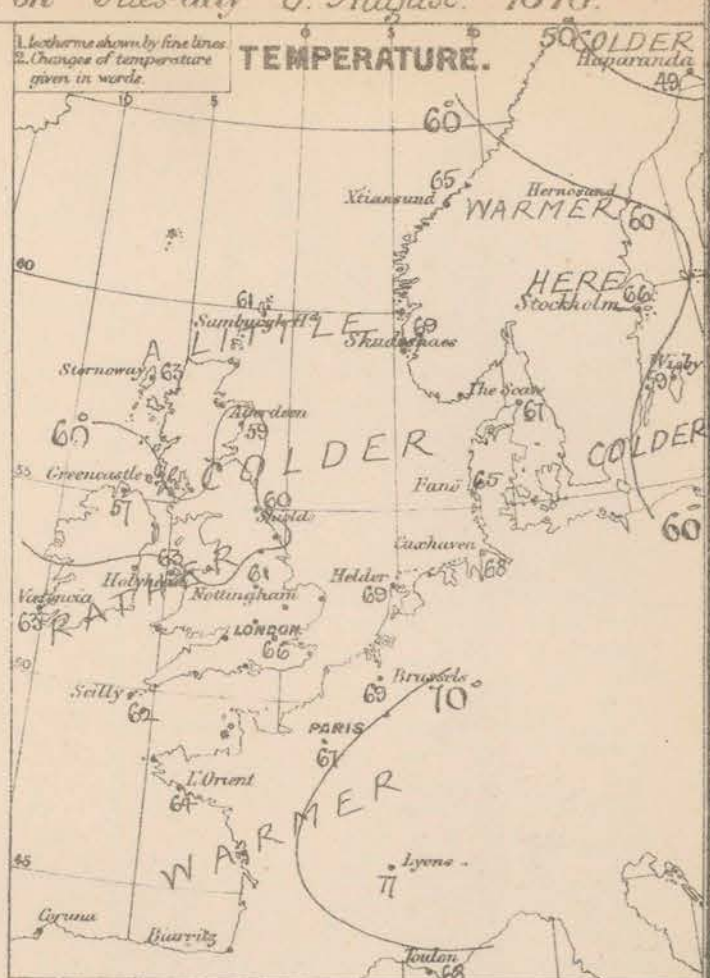
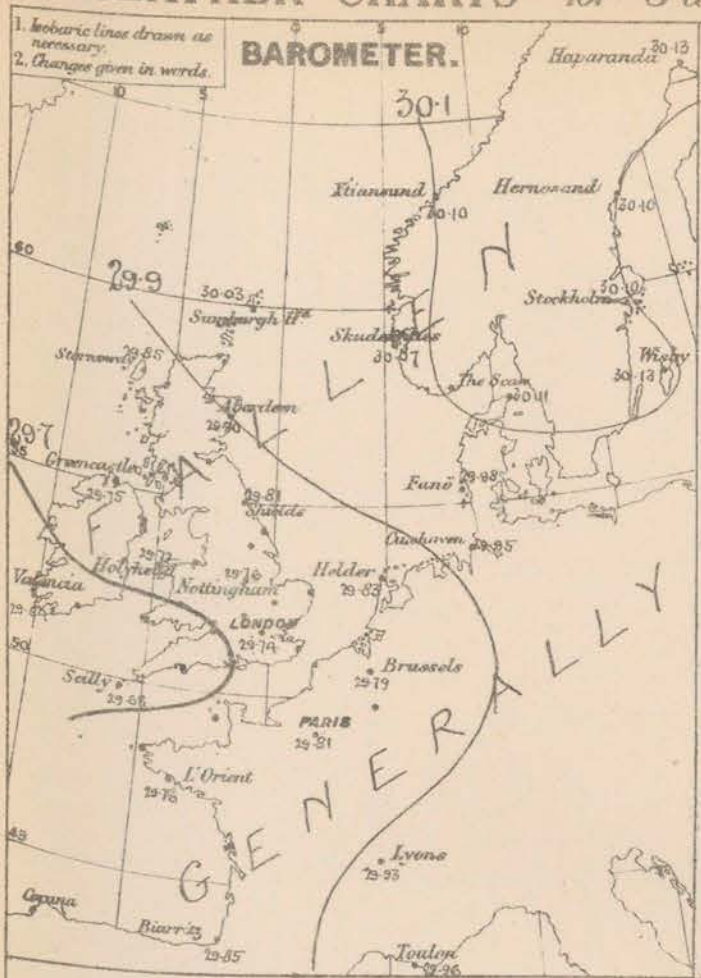
* AN ASTERISK is inserted in all places for which information is not usually received.

† 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.

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 6. August 1878.



REMARKS. Weather is cloudy over the United Kingdom generally, with rain at some of our N^o stations. In the NE of France, however, and on the E^o shores of the North Sea fine weather is reported. A great deal of vivid lightning was seen in the SE of England last evening, accompanied by much rain, but no thunder is reported. Showers of rain fell also in all other parts of the Kingdom. Temperatures has risen over France, and several parts of England and Wales, but no decided change is reported elsewhere. The maximum reading in London yesterday was as high as 87° at Cambridge 80°, and at Nottingham 77°. Wind is light to moderate from the E^o over the United Kingdom, and from SE in Belgium, but in the N. of France it is SW. Over the Gulf of Bothnia a fresh N^o breeze has set in. Sea is still rather rough in the far N. light elsewhere.

Barometrical Indications An elongated area of high pressure lies over Scandinavia to-day, and an area of low pressure off our SW coasts. The barometer is inclined to fall except in the S. of France, the fall being greatest at our N^o stations.

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

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT *August 7th* 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PART 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 13). | | 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 13). | | | Max. | Min. | | | |
| | | | | | | | | | | | | | | | | | | | |
| Haparanda ... | 30.15 | 46 | N | 0 | 3 | 30.21 | + .08 | 52 | 48 | + 3 | NE | 2 | 3 | * | 57 | 36 | - | | |
| Hernösand ... | 30.13 | 53 | N | 0 | 3 | 30.19 | + .09 | 55 | 50 | - 5 | ESE | 4 | 3 | * | * | * | - | | |
| Stockholm ... | 30.02 | 60 | NNE | 4 | 3 | 30.13 | + .03 | 65 | 58 | - 7 | ? | 4 | 3 | * | * | * | - | | |
| Wiesby ... | 30.08 | 59 | SSW | 4 | 3 | 30.04 | - .09 | 63 | 60 | + 4 | NN | 4 | 3 | * | * | * | - | | |
| Christiansund ... | | | | | | | | | | | | | | | | | | | |
| Skudesnaes ... | 29.95 | 69 | WNW | 2 | 0 | 29.86 | - .21 | 68 | 59 | - 1 | ENE | 4 | 0 | 2 | 73 | ? | - | | |
| Oxö (Xtiansand) | 29.99 | 66 | ENE | 4 | 0 | 29.94 | - .17 | 65 | 61 | 0 | NE | 4 | 3 | 2 | 72 | 61 | - | | |
| Skagen (The Seaw) | 30.00 | 64 | NE | 2 | 3 | 29.97 | - .14 | 66 | 57 | - 1 | SE | 4 | 3 | 3 | 77 | 61 | - | | |
| Fanö ... | 29.85 | 66 | E | 6 | 0 | 29.84 | - .14 | 68 | 66 | + 3 | SE | 4 | 3 | * | 77 | 63 | - | | |
| Cuxhaven ... | | | | | | | | | | | | | | | | | | | |
| Sumburgh Head | 29.92 | 60 | NNE | 3 | 3 | 29.78 | - .25 | 58 | 58 | - 3 | E | 2 | 0 | 4 | 67 | 57 | 0.26 | | |
| Stornoway | 29.73 | 67 | ESE | 2 | 3 | 29.52 | - .23 | 61 | 60 | - 2 | ESE | 1 | 0 | 1 | 67 | 58 | - | | |
| Thurso ... | 29.72 | 60 | ESE | 3 | 3 | 29.70 | - .24 | 60 | 59 | - 2 | E | 3 | 0 | 2 | 68 | 58 | - | | |
| Wick ... | 29.81 | 58 | E | 2 | 3 | 29.68 | - .25 | 58 | 58 | - 3 | SE | 3 | 3 | 2 | 64 | 54 | 0.01 | | |
| Nairn ... | 29.78 | 64 | E | 1 | 3 | 29.65 | - .25 | 61 | 59 | 0 | E | 1 | 0 | 1 | 72 | 59 | 0.24 | | |
| Aberdeen ... | 29.79 | 60 | E | 1 | 3 | 29.68 | - .25 | 60 | 60 | + 1 | N | 0 | 3 | 1 | 63 | 58 | 0.04 | | |
| Leith ... | 29.69 | 61 | E | 3 | 0 | 29.62 | - .21 | 59 | 59 | 0 | E | 1 | 0 | * | 62 | 57 | 0.07 | | |
| Shields ... | 29.72 | 61 | E | 1 | 0 | 29.66 | - .15 | 60 | 59 | 0 | SSW | 4 | 0 | 2 | 63 | 58 | 0.31 | | |
| Scarborough | 29.71 | 60 | SE | 1 | 0 | 29.70 | - .12 | 61 | 60 | + 2 | SW | 2 | 0 | 2 | 62 | 56 | 0.26 | | |
| York ... | 29.70 | 63 | E | 1 | 3 | 29.70 | - .11 | 62 | 61 | + 1 | S | 1 | 0 | * | 74 | 57 | 0.57 | | |
| Nottingham ... | 29.70 | 62 | NNE | 1 | 3 | 29.75 | - .05 | 65 | 64 | + 4 | SW | 4 | 0 | * | 74 | 57 | 2.34 | | |
| Ardrossan ... | 29.65 | 65 | ENE | 2 | 0 | 29.62 | - .19 | 62 | 61 | - 1 | ESE | 1 | 0 | 0 | 70 | 60 | 0.93 | | |
| Greencastle ... | 29.65 | 61 | S | 2 | 0 | 29.60 | - .15 | 61 | 60 | + 4 | ESE | 1 | 0 | * | 72 | 54 | 0.07 | | |
| Donaghadee ... | 29.65 | 59 | NNW | 3 | 0 | 29.64 | - .13 | 61 | 61 | + 3 | SE | 3 | 0 | 3 | 61 | 55 | 0.05 | | |
| Kingstown ... | 29.66 | 66 | SE | 1 | 3 | 29.68 | - .05 | 63 | 60 | + 2 | N | 3 | 3 | 3 | 66 | 59 | - | | |
| Holyhead ... | 29.64 | 67 | NNW | 1 | 0 | 29.69 | - .03 | 62 | 61 | - 1 | SSW | 2 | 0 | 1 | 71 | 60 | - | | |
| Liverpool (Bidston) | 29.61 | 64 | ESE | 1 | 0 | 29.71 | - .03 | 60 | 60 | + 4 | N | 0 | 0 | 1 | 71 | 60 | 0.08 | | |
| Valencia ... | 29.64 | 65 | WSW | 2 | 0 | 29.71 | + .07 | 62 | 60 | - 1 | N | 3 | 0 | 5 | 69 | 56 | 0.10 | | |
| Roche's Point... | 29.69 | 67 | S | 2 | 0 | 29.72 | + .04 | 64 | 60 | + 3 | WSW | 3 | 0 | 3 | 73 | 56 | 0.00 | | |
| Pembroke ... | 29.64 | 67 | NNW | 1 | 3 | 29.71 | + .04 | 62 | 60 | 0 | WSW | 3 | 3 | 2 | 71 | 60 | 0.05 | | |
| Portishead ... | 29.65 | 62 | SE | 3 | 3 | 29.76 | + .06 | 63 | 61 | - 2 | SSW | 4 | 3 | 4 | 74 | 58 | 0.07 | | |
| Seilly ... | 29.71 | 67 | WSW | 4 | 3 | 29.82 | + .14 | 65 | 63 | + 3 | WSW | 4 | 0 | 4 | 71 | 61 | 0.01 | | |
| Plymouth ... | 29.68 | 65 | WSW | 4 | 0 | 29.79 | + .13 | 64 | 63 | + 1 | SW | 3 | 0 | 0 | 69 | 61 | 0.20 | | |
| Hurst Castle ... | 29.72 | 66 | SW | 4 | 0 | 29.83 | + .13 | 65 | 63 | 0 | WSW | 4 | 0 | 4 | 70 | 62 | - | | |
| Dover ... | 29.74 | 66 | WSW | 2 | 3 | 29.84 | + .10 | 66 | 63 | - 5 | SW | 4 | 3 | 3 | 71 | 63 | - | | |
| London ... | 29.70 | 70 | S | 2 | 3 | 29.80 | + .06 | 67 | 62 | + 1 | WSW | 3 | 0 | * | 76 | 59 | - | | |
| Oxford ... | | | | | | 29.78 | + .05 | 63 | 60 | - 2 | S | 3 | 0 | * | 74 | 64 | 0.04 | | |
| Cambridge ... | 29.66 | 70 | SW | 2 | 0 | 29.77 | + .02 | 65 | 62 | - 2 | S | 2 | 0 | * | 79 | 58 | 0.03 | | |
| Yarmouth ... | 29.70 | 67 | SSE | 3 | 3 | 29.79 | + .01 | 67 | 63 | + 3 | SSW | 3 | 0 | 2 | 68 | 60 | - | | |
| The Helder ... | | | | | | 29.82 | - .01 | 67 | 65 | - 2 | SSW | 1 | 3 | * | * | * | - | | |
| Cape Gris Nez | 29.76 | 66 | SW | 2 | 0 | 29.88 | + .15 | 63 | 61 | - 3 | SSW | 3 | 3 | 2 | 72 | 61 | - | | |
| Jersey ... | 29.78 | 64 | WSW | 2 | 3 | 29.90 | + .15 | 62 | 61 | - 4 | WSW | 3 | 0 | 3 | 69 | 58 | 0.08 | | |
| Brest ... | 29.84 | ? | SW | 2 | 3 | 29.96 | + .20 | 63 | 64 | + 2 | N | 3 | 0 | 3 | 68 | 59 | - | | |
| L'Orient ... | 29.83 | 66 | WSW | 3 | 3 | 29.96 | + .20 | 63 | 61 | - 1 | NNW | 4 | 0 | 2 | 73 | 59 | 0.04 | | |
| Rochefort ... | 29.88 | 73 | W | 5 | 3 | 29.99 | + .12 | 66 | 64 | 0 | N | 6 | 3 | 3 | 81 | 59 | 0.16 | | |
| Biarritz ... | 29.94 | 75 | NN | 2 | 3 | 30.08 | + .23 | 68 | 63 | + 2 | WSW | 4 | 0 | 3 | 81 | 61 | - | | |
| Corunna ... | | | | | | | | | | | | | | | | | | | |
| Brussels ... | | | | | | 29.89 | + .10 | 64 | 60 | - 5 | N | 1 | 3 | * | 78 | 61 | - | | |
| Charleville ... | | | | | | 29.88 | ? | 69 | 60 | - 1 | S | 2 | 3 | * | * | * | - | | |
| Paris ... | 29.80 | 72 | WSW | 2 | 3 | 29.95 | + .14 | 66 | 62 | - 1 | SSW | 3 | 0 | * | * | * | - | | |
| Lyons ... | | | | | | 30.03 | + .10 | 69 | 60 | - 8 | S | 2 | 0 | * | * | * | - | | |
| Toulon ... | 29.91 | 70 | E | 5 | 3 | 29.95 | - .01 | 73 | 66 | + 5 | NN | 3 | 3 | 3 | 75 | 66 | - | | |

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

| Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. |
|-------------|-------|------|-------|------|------|-----------|-------|------|-------|------|------|
| Skudesnaes | 29.99 | 74 | 61 | SW | 2 | Valencia | 29.64 | 69 | 64 | SW | 2 |
| Thurso | 29.87 | 66 | 62 | ESE | 3 | Seilly | 29.68 | 70 | 66 | WSW | 3 |
| Scarborough | 29.75 | 61 | 61 | ENE | 2 | London | 29.71 | 74 | 65 | S | 3 |
| Greencastle | 29.73 | 63 | 60 | ENE | 2 | Rochefort | 29.88 | 73 | 66 | N | 4 |
| Holyhead | 29.68 | 67 | 63 | NN | 2 | | | | | | |

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.

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

DAILY WEATHER REPORT AUGUST 8TH 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|-------------------------|---|--------------------|-------|----------------------|----------|--|---|-------------|------|---|-------|----------------------|----------|------------------|-------------|------|---------------------------|--|--|
| | Barometer at 3 P.M. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer Reading at 8 A.M. 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 15). | | | | Dry. | Wet. | Difference from 8 A.M. yesterday. | Dir. | Force. (0 to 15). | | | Max. | Min. | | | |
| Haparanda ... | 30.15 | 57 | SW | 2 | 0 | 30.02 | -.19 | 55 | 51 | + 3 | SW | 6 | 0 | * | 57 | 46 | - | | |
| Hernösand ... | 30.16 | 57 | L | 0 | 0 | 30.06 | -.13 | 57 | 55 | + 2 | ? | 2 | 0 | * | * | * | - | | |
| Stockholm ... | 30.13 | 57 | SE | 4 | 0 | 30.15 | + .02 | 64 | 57 | - | S | 4 | 0 | * | * | * | - | | |
| Wibsy ... | 30.04 | 58 | ESE | 4 | 0 | 30.07 | + .03 | 63 | 55 | 0 | SE | 6 | 0 | * | * | * | - | | |
| Christiansund ... | 29.86 | 65 | WSW | 1 | 0 | 29.89 | -.03 | 67 | 58 | + 5 | SW | 1 | 0 | 0 | 73 | 55 | - | | |
| Skudesnaes ... | 29.86 | 65 | SE | 2 | 0 | 29.89 | + .03 | 64 | 62 | - 4 | SSE | 5 | 0 | 4 | 68 | 64 | - | | |
| Oxö (Klansand) ... | 29.93 | 64 | E | 5 | + | 29.93 | - .01 | 63 | 62 | - 2 | ESE | 4 | + | 3 | 66 | 61 | 1.78 | | |
| Skagen (The Sea) ... | 29.98 | 64 | SSE | 4 | + | 29.99 | + .02 | 63 | 59 | - 3 | SSE | 4 | 0 | 4 | 75 | 59 | 0.24 | | |
| Fanö ... | 29.94 | 64 | WSW | 2 | 0 | 29.96 | + .12 | 71 | 65 | + 3 | SW | 4 | 0 | * | ? | 59 | 0.24 | | |
| Cuxhaven ... | 29.93 | 70 | NNE | 1 | 0 | 30.02 | + .17 | 68 | 67 | + 2 | WSW | 1 | 0 | * | 72 | 59 | 0.19 | | |
| Sumburgh Head ... | 29.70 | 59 | E | 4 | f | 29.76 | -.02 | 57 | 57 | - 1 | SE | 4 | f | 4 | 61 | 56 | 0.02 | | |
| Stornoway ... | 29.57 | 63 | SSE | 2 | 0 | 29.67 | + .15 | 61 | 60 | 0 | N | 1 | + | 1 | 67 | 52 | 0.22 | | |
| Thurso ... | 29.61 | 61 | SSE | 2 | 0 | 29.70 | .00 | 66 | 61 | + 6 | S | 1 | 0 | 1 | 70 | 58 | 0.01 | | |
| Wick ... | 29.62 | 59 | S | 3 | f | 29.70 | + .02 | 63 | 61 | + 5 | S | 1 | + | 1 | 66 | 55 | - | | |
| Nairn ... | 29.62 | 62 | SSW | 1 | + | 29.72 | + .07 | 59 | 57 | - 2 | SSW | 1 | 0 | 0 | 67 | 55 | 1.19 | | |
| Aberdeen ... | 29.65 | 62 | S | 1 | + | 29.75 | + .10 | 61 | 60 | + 1 | S | 1 | 0 | 1 | 64 | 52 | 0.04 | | |
| Leith ... | 29.64 | 62 | WSW | 1 | 0 | 29.77 | + .15 | 60 | 58 | + 1 | WSW | 3 | 0 | * | 66 | 58 | 0.17 | | |
| Shields ... | 29.72 | 71 | WSW | 4 | 0 | 29.85 | + .19 | 64 | 58 | + 4 | WSW | 12 | 0 | 2 | 71 | 57 | 0.01 | | |
| Scarborough ... | 29.76 | 64 | SW | 1 | 0 | 29.90 | + .20 | 61 | 59 | 0 | WSW | 3 | 0 | 2 | 70 | 57 | 0.47 | | |
| York ... | 29.76 | 63 | S | 1 | 0 | 29.92 | + .22 | 62 | 60 | 0 | SW | 1 | 0 | * | 73 | 56 | 0.44 | | |
| Nottingham ... | 29.82 | 68 | WSW | 2 | 0 | 29.99 | + .24 | 68 | 63 | + 3 | SW | 4 | 0 | * | 75 | 55 | - | | |
| Ardrossan ... | 29.64 | 63 | SSE | 3 | 0 | 29.79 | + .17 | 60 | 59 | - 2 | SSW | 2 | 0 | 3 | 68 | 59 | 0.21 | | |
| Greencastle ... | 29.63 | 64 | NNE | 2 | 0 | 29.84 | + .24 | 61 | 59 | 0 | N | 2 | 0 | * | 76 | 58 | 0.13 | | |
| Donaghadee ... | 29.66 | 61 | SE | 2 | 0 | 29.87 | + .23 | 62 | 60 | + 1 | WSW | 5 | 0 | 3 | 67 | 58 | 0.11 | | |
| Kingstown ... | 29.72 | 68 | N | 4 | 0 | 29.92 | + .24 | 63 | 59 | 0 | N | 4 | 0 | 4 | 69 | 60 | - | | |
| Holyhead ... | 29.75 | 64 | SSW | 4 | 0 | 29.96 | + .27 | 62 | 60 | 0 | WSW | 3 | 0 | 2 | 70 | 59 | - | | |
| Liverpool (Bidston) ... | 29.76 | 68 | SW | 3 | 0 | 29.94 | + .23 | 63 | 60 | 0 | N | 2 | 0 | 1 | 71 | 59 | 0.15 | | |
| Valencia ... | 29.84 | 63 | N | 3 | 0 | 30.05 | + .34 | 63 | 58 | + 1 | NNW | 1 | 0 | 2 | 68 | 56 | 0.13 | | |
| Roche's Point ... | 29.86 | 66 | N | 4 | 0 | 30.04 | + .32 | 63 | 59 | - 1 | NNW | 4 | 0 | 3 | 71 | 58 | - | | |
| Pembroke ... | 29.83 | 65 | WSW | 4 | 0 | 30.03 | + .32 | 62 | 59 | - 2 | NNW | 2 | 0 | 2 | 67 | 60 | - | | |
| Portishead ... | 29.85 | 67 | WSW | 5 | 0 | 30.04 | + .28 | 65 | 61 | + 2 | WSW | 4 | 0 | 4 | 71 | 59 | - | | |
| Scilly ... | 29.93 | 65 | N | 5 | 0 | 30.10 | + .28 | 67 | 63 | + 2 | WSW | 2 | 0 | 4 | 70 | 61 | - | | |
| Plymouth ... | 29.91 | 66 | SW | 4 | 0 | 30.09 | + .30 | 64 | 61 | 0 | SW | 3 | 0 | * | 73 | 61 | 0.01 | | |
| Hurst Castle ... | 29.91 | 68 | N | 5 | 0 | 30.08 | + .25 | 66 | 64 | + 1 | NNW | 3 | 0 | 3 | 69 | 63 | - | | |
| Dover ... | 29.92 | 65 | WSW | 4 | 0 | 30.07 | + .23 | 65 | 62 | - 1 | SW | 3 | 0 | 2 | 69 | 62 | - | | |
| London ... | 29.87 | 71 | S | 2 | 0 | 30.06 | + .26 | 66 | 62 | - 1 | WSW | 2 | 0 | * | 75 | 57 | - | | |
| Oxford ... | * | * | * | * | * | 30.03 | + .25 | 64 | 61 | + 1 | N | 3 | 0 | * | 72 | 57 | 0.02 | | |
| Cambridge ... | 29.83 | 69 | S | 2 | 0 | 30.01 | + .24 | 64 | 61 | - 1 | SW | 2 | 0 | * | 77 | 55 | 0.02 | | |
| Yarmouth ... | 29.83 | 73 | SSW | 3 | 0 | 30.00 | + .21 | 66 | 62 | - 1 | WSW | 3 | 0 | 2 | 74 | 58 | - | | |
| The Helder ... | * | * | * | * | * | 30.00 | + .18 | 65 | 63 | - 2 | SW | 1 | 0 | * | * | * | - | | |
| Cape Gris Nez ... | 29.86 | 64 | SW | 4 | 0 | 30.09 | + .21 | 64 | 63 | + 1 | WSW | 4 | 0 | 3 | 70 | 63 | - | | |
| Jersey ... | 30.01 | 64 | N | 3 | 0 | 30.17 | + .27 | 64 | 62 | + 2 | WSW | 4 | 0 | 3 | 68 | 60 | - | | |
| Brest ... | 30.10 | ? | N | 2 | 0 | 30.21 | + .25 | 61 | 61 | - 2 | WSW | 2 | 0 | 2 | 68 | 57 | - | | |
| L'Orient ... | 30.06 | 66 | NNW | 4 | 0 | 30.19 | + .23 | 66 | 63 | + 3 | N | 1 | 0 | 1 | 75 | 57 | - | | |
| Rocheport ... | 30.10 | 75 | NN | 4 | 0 | 30.18 | + .19 | 66 | 64 | 0 | Z | 0 | 0 | 1 | 77 | 61 | - | | |
| Biarritz ... | 30.05 | 72 | NNW | 3 | 0 | 29.95 | - .13 | 66 | 63 | - 2 | E | 3 | 0 | 3 | 73 | 61 | - | | |
| Corunna ... | * | * | * | * | * | 30.09 | + .20 | 65 | 61 | + 1 | N | 5 | 0 | * | 77 | 59 | - | | |
| Brussels ... | * | * | * | * | * | 30.06 | + .18 | 62 | * | - 7 | E | 1 | 0 | * | * | * | - | | |
| Charleville ... | * | * | * | * | * | 30.16 | + .21 | 64 | 61 | - 2 | SW | 2 | 0 | * | * | * | - | | |
| Paris ... | 29.99 | 71 | NN | 2 | 0 | 30.09 | + .06 | 70 | * | + 1 | N | 4 | 0 | * | * | * | - | | |
| Lyons ... | * | * | * | * | * | 30.09 | + .06 | 70 | * | + 1 | N | 4 | 0 | * | * | * | - | | |
| Toulon ... | 29.98 | 77 | NN | 5 | 0 | 30.01 | + .06 | 77 | 61 | + 4 | NN | 5 | 0 | 3 | 82 | 74 | - | | |

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | | | |
|---|-------|------|-------|------|------|------|------|---------------|-------|------|------|-----|---|---|---|--|--|
| Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | | | | | |
| Skudesnaes ... | 30.36 | 68 | 61 | ESE | 2 | + | 3 | Valencia ... | 29.79 | 66 | 62 | WSW | 5 | 0 | 5 | | |
| Thurso ... | 29.64 | 65 | 63 | ESE | 2 | 0 | 2 | Scilly ... | 29.90 | 69 | 65 | WSW | 5 | 0 | 4 | | |
| Scarborough ... | 29.73 | 69 | 63 | SW | 2 | 0 | 2 | London ... | 29.85 | 73 | 65 | S | 3 | 0 | * | | |
| Greencastle ... | 29.61 | 70 | 65 | SE | 1 | 0 | * | Rocheport ... | 30.07 | 77 | 66 | NNW | 5 | 0 | 3 | | |
| Holyhead ... | 29.74 | 67 | 62 | SSW | 4 | 0 | 3 | | | | | | | | | | |

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

| | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. |
|-----------------|-------|------|------|-------|---|------|------|----------------|-------|------|------|-------|---|------|------|
| Skudesnaes ... | 30.36 | 68 | 61 | ESE | 2 | 5 | 3 | Valencia | 29.79 | 66 | 62 | WSW | 5 | 0 | 5 |
| Thurso | 29.64 | 65 | 63 | ESE | 2 | 0 | 2 | Scilly | 29.90 | 69 | 65 | WSW | 5 | 0 | 4 |
| Scarborough ... | 29.73 | 69 | 63 | SW | 2 | 0 | 2 | London | 29.85 | 73 | 65 | S | 3 | 0 | * |
| Greencastle ... | 29.61 | 73 | 65 | SE | 1 | 0 | * | Rochefort ... | 30.07 | 77 | 66 | NNW | 5 | 0 | 3 |
| Holyhead | 29.74 | 67 | 62 | SSW | 4 | 0 | 3 | | | | | | | | |

Pressure still decreases in Scotland but is increasing elsewhere. Wind is becoming generally 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.

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† 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.

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

August 9th 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------------|-------------|------|---------------------|----------------|--|--|
| | Barometer at 320 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 8 A.M. 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 | 29.82 | 53 | S | 2 | 0 | 29.91 | - .21 | 57 | 57 | - .4 | NE | 2 | f | * | 61 | 45 | - | | |
| Hernösand | 29.92 | 65 | Z | 0 | 0 | 29.88 | - .18 | 68 | 60 | + .4 | Z | 0 | c | * | * | * | - | | |
| Stockholm | 30.10 | 57 | SSTH | 4 | 0 | 30.06 | - .09 | 66 | 60 | + .2 | SSTH | 2 | 0 | * | * | * | - | | |
| Wiesby | 30.05 | 57 | E | 4 | 0 | 30.04 | - .03 | 65 | 59 | + .2 | NNH | 4 | 0 | * | * | * | - | | |
| Christiansund | 29.90 | 63 | E | 1 | 0 | 29.89 | .00 | 62 | 59 | - .5 | SH | 1 | 0 | 2 | 68 | 55 | - | | |
| Skudsnæs | 29.93 | 64 | SSE | 6 | 0 | 29.95 | + .06 | 62 | 60 | - .2 | SSE | 2 | f | 3 | 66 | ? | - | | |
| Oxö (Klansand) | 29.98 | 62 | NNE | 2 | 0 | 29.97 | + .04 | 61 | 59 | - .2 | N | 2 | c | 2 | 63 | 59 | - | | |
| Skagen (The Sea) | 29.99 | 60 | SSE | 3 | 0 | 30.00 | + .01 | 63 | 61 | 0 | Z | 0 | 0 | 0 | 75 | 55 | 0.16 | | |
| Fanö | 30.04 | 62 | SSH | 3 | 0 | 30.04 | + .08 | 71 | 66 | 0 | SSH | 4 | 0 | * | 72 | 59 | - | | |
| Cuxhaven | 30.12 | 69 | NNH | 2 | 0 | 30.13 | + .11 | 67 | 66 | - .1 | SSH | 1 | 0 | * | 72 | 59 | 0.17 | | |
| Sumburgh Head | 29.79 | 59 | N | 1 | 0 | 29.96 | + .20 | 56 | 55 | - .1 | NNH | 2 | c | 4 | 61 | 53 | - | | |
| Stornoway | 29.89 | 60 | N | 4 | 0 | 29.97 | + .30 | 61 | 58 | 0 | S | 4 | 0 | 3 | 63 | 50 | 0.16 | | |
| Thurso | 29.89 | 58 | N | 2 | 0 | 30.03 | + .23 | 58 | 54 | - .8 | Z | 0 | 0 | 2 | 71 | 50 | 0.06 | | |
| Wick | 29.88 | 59 | N | 3 | 0 | 30.03 | + .33 | 57 | 54 | - .6 | N | 1 | 0 | 0 | 73 | 45 | 0.12 | | |
| Nairn | 29.90 | 62 | N | 1 | 0 | 30.05 | + .33 | 55 | 53 | - .4 | Z | 0 | 0 | 0 | 69 | 48 | 0.06 | | |
| Aberdeen | 29.88 | 63 | NNH | 3 | 0 | 30.07 | + .32 | 58 | 54 | - .3 | SSTH | 1 | 0 | 1 | 68 | 53 | 0.15 | | |
| Leith | 29.99 | 64 | N | 4 | 0 | 30.05 | + .28 | 62 | 57 | + .2 | NNH | 1 | 0 | * | 70 | 50 | 0.01 | | |
| Shields | 29.98 | 67 | NNH | 4 | 0 | 30.11 | + .26 | 60 | 55 | - .4 | NNH | 1 | 0 | 1 | 70 | 52 | 0.01 | | |
| Scarborough | 30.00 | 66 | N | 2 | 0 | 30.12 | + .22 | 65 | 56 | + .4 | N | 1 | 0 | 1 | 71 | 56 | - | | |
| York | 30.04 | 66 | N | 3 | 0 | 30.13 | + .21 | 59 | 55 | - .3 | N | 1 | 0 | * | 72 | 54 | - | | |
| Nottingham | 30.05 | 68 | SSH | 3 | 0 | 30.14 | + .15 | 65 | 60 | - .3 | SSTH | 1 | 0 | * | 77 | 50 | - | | |
| Ardrossan | 30.00 | 64 | N | 2 | 0 | 30.06 | + .27 | 59 | 55 | - .1 | E | 1 | 0 | 1 | 66 | 50 | 0.02 | | |
| Greencastle | 30.02 | 63 | N | 2 | 0 | 29.99 | + .15 | 62 | 58 | + .1 | SE | 1 | 0 | * | 68 | 53 | - | | |
| Donaghadee | 30.05 | 63 | NNE | 3 | 0 | 30.06 | + .19 | 62 | 60 | 0 | SE | 0 | 0 | 2 | 68 | 57 | 0.11 | | |
| Kingstown | 30.09 | 67 | SSTH | 3 | 0 | 30.08 | + .16 | 63 | 60 | 0 | SSE | 3 | 0 | 2 | 68 | 59 | - | | |
| Holyhead | 30.09 | 65 | SSH | 1 | 0 | 30.09 | + .13 | 62 | 60 | 0 | S | 2 | 0 | 1 | 68 | 59 | - | | |
| Liverpool (Bidston) | 30.08 | 61 | N | 3 | 0 | 30.10 | + .16 | 61 | 58 | - .2 | ESE | 2 | 0 | 1 | 68 | 53 | - | | |
| Valencia | 30.07 | 64 | SSTH | 2 | 0 | 29.93 | - .12 | 63 | 61 | 0 | SSE | 4 | 0 | 4 | 68 | 59 | 0.17 | | |
| Roche's Point | 30.10 | 64 | SH | 4 | 0 | 30.00 | - .04 | 64 | 61 | + .1 | S | 3 | 0 | 3 | 70 | 60 | 0.35 | | |
| Pembroke | 30.12 | 67 | N | 1 | 0 | 30.08 | + .05 | 61 | 59 | - .1 | SE | 3 | 0 | 2 | 68 | 59 | - | | |
| Portsmouth | 30.10 | 67 | N | 3 | 0 | 30.12 | + .08 | 61 | 59 | - .4 | NNH | 1 | 0 | 1 | 72 | 54 | - | | |
| Scilly | 30.11 | 68 | SSTH | 2 | 0 | 30.05 | - .05 | 64 | 62 | - .3 | SE | 5 | 0 | 2 | 72 | 62 | - | | |
| Plymouth | 30.16 | 68 | SSH | 2 | 0 | 30.11 | + .02 | 61 | 59 | - .3 | ESE | 4 | 0 | * | 73 | 58 | - | | |
| Hurst Castle | 30.14 | 69 | N | 5 | 0 | 30.15 | + .07 | 66 | 64 | 0 | SE | 1 | 0 | 2 | 72 | 53 | - | | |
| Dover | 30.13 | 66 | SSH | 3 | 0 | 30.16 | + .09 | 70 | 63 | + .5 | SH | 2 | 0 | 1 | 71 | 59 | - | | |
| London | 30.10 | 73 | N | 1 | 0 | 30.14 | + .08 | 64 | 60 | - .2 | N | 1 | 0 | * | 76 | 55 | - | | |
| Oxford | * | * | * | * | * | 30.13 | + .10 | 61 | 59 | - .3 | SSH | 1 | 0 | * | 72 | 55 | - | | |
| Cambridge | 30.08 | 72 | N | 1 | 0 | 30.16 | + .15 | 62 | 59 | - .2 | SH | 1 | 0 | * | 78 | 53 | - | | |
| Yarmouth | 30.07 | 72 | NE | 2 | 0 | 30.15 | + .15 | 66 | 62 | 0 | NNH | 1 | 0 | 1 | 75 | 57 | - | | |
| The Helder | * | * | * | * | * | 30.13 | + .13 | 67 | 63 | + .2 | N | 1 | 0 | * | * | * | - | | |
| Cape Gris Nez | 30.13 | 64 | N | 4 | 0 | 30.19 | + .10 | 64 | 63 | 0 | SH | 1 | 0 | 0 | 68 | 61 | - | | |
| Jersey | 30.22 | 65 | NNH | 1 | 0 | 30.15 | - .02 | 68 | 64 | + .4 | SE | 2 | 0 | 2 | 69 | 60 | 0.01 | | |
| Brest | 30.26 | ? | N | 1 | 0 | 30.14 | - .07 | 61 | 59 | 0 | SE | 2 | 0 | 3 | 72 | ? | - | | |
| L'Orient | 30.22 | 68 | NNH | 3 | 0 | 30.06 | - .13 | 64 | 61 | - .2 | E | 3 | 0 | 2 | 75 | 57 | - | | |
| Rochefort | 30.19 | 73 | NNH | 2 | 0 | 30.11 | - .07 | 64 | 59 | - .2 | ESE | 3 | 0 | 3 | 75 | 61 | - | | |
| Biarritz | 30.12 | 73 | NE | 3 | 0 | 29.99 | + .04 | 68 | 64 | + .2 | E | 4 | 0 | 3 | 79 | 63 | - | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels | * | * | * | * | * | 30.18 | + .09 | 63 | 59 | - .2 | SSH | 2 | 0 | * | 76 | 57 | - | | |
| Charleville | * | * | * | * | * | 30.21 | + .15 | 61 | * | - .1 | S | 1 | 0 | * | * | * | - | | |
| Paris | 30.17 | 74 | NNH | 4 | 0 | 30.19 | + .03 | 65 | 59 | + .1 | NNE | 1 | 0 | * | * | * | - | | |
| Lyons | * | * | * | * | * | 30.15 | + .06 | 72 | * | + .2 | N | 2 | 0 | * | * | * | - | | |
| Toulon | 30.02 | 73 | NNH | 5 | 0 | 30.08 | + .07 | 73 | 64 | - .4 | E | 3 | 0 | 3 | 82 | ? | - | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|---|---|
| Skudsnæs ... | 29.91 | 66 | 63 | SSE | 6 | 0 | 4 | Valencia | 30.08 | 66 | 61 | SSTH | 3 | c | 4 |
| Thurso | 29.79 | 64 | 62 | NNH | 1 | 0 | 1 | Scilly | 30.10 | 71 | 65 | SH | 4 | c | 4 |
| Scarborough ... | 29.96 | 68 | 62 | NSTH | 3 | * | 2 | London | 30.09 | 74 | 65 | NSTH | 2 | 0 | * |
| Greencastle ... | 29.98 | 66 | 65 | N | 3 | 0 | * | Rochefort ... | 30.21 | 73 | 66 | NNH | 2 | 0 | 1 |
| Holyhead | 30.06 | 66 | 61 | NSTH | 4 | 0 | 3 | | | | | | | | |

The depression in the north appears to be moving E² and the barometer has consequently risen generally. At Valentia, however, the rise has ceased since noon and the wind has backed to SSTH.

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.

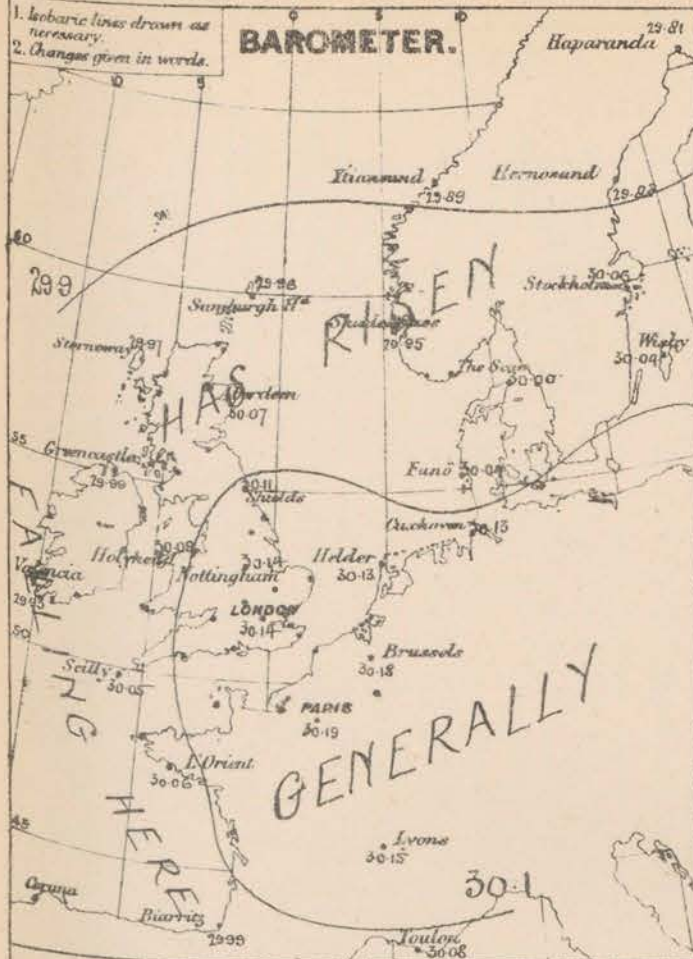
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 9 AUG. 1878.

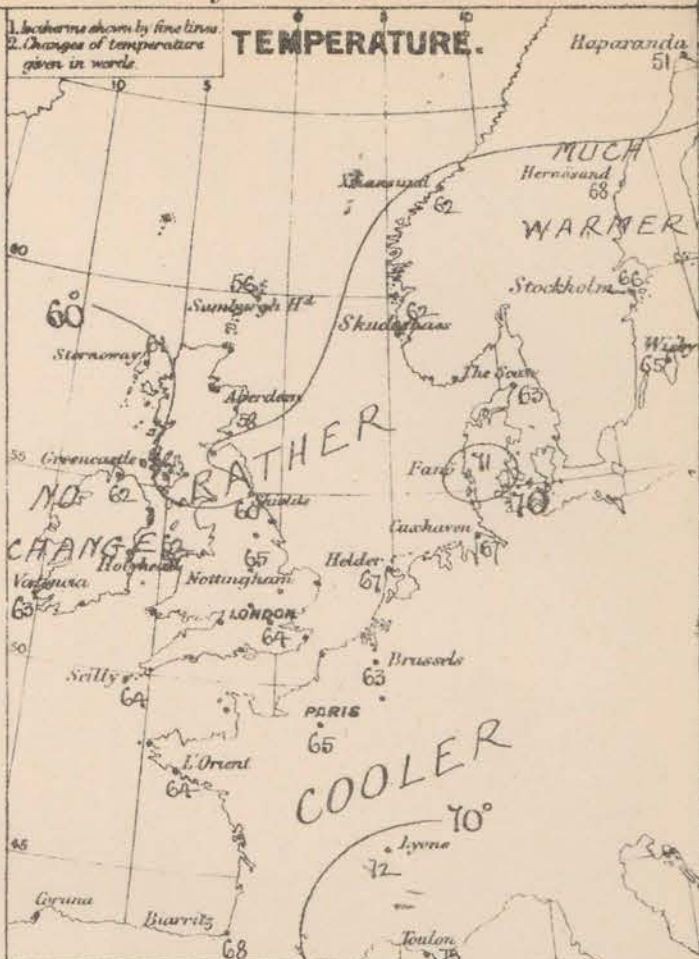
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



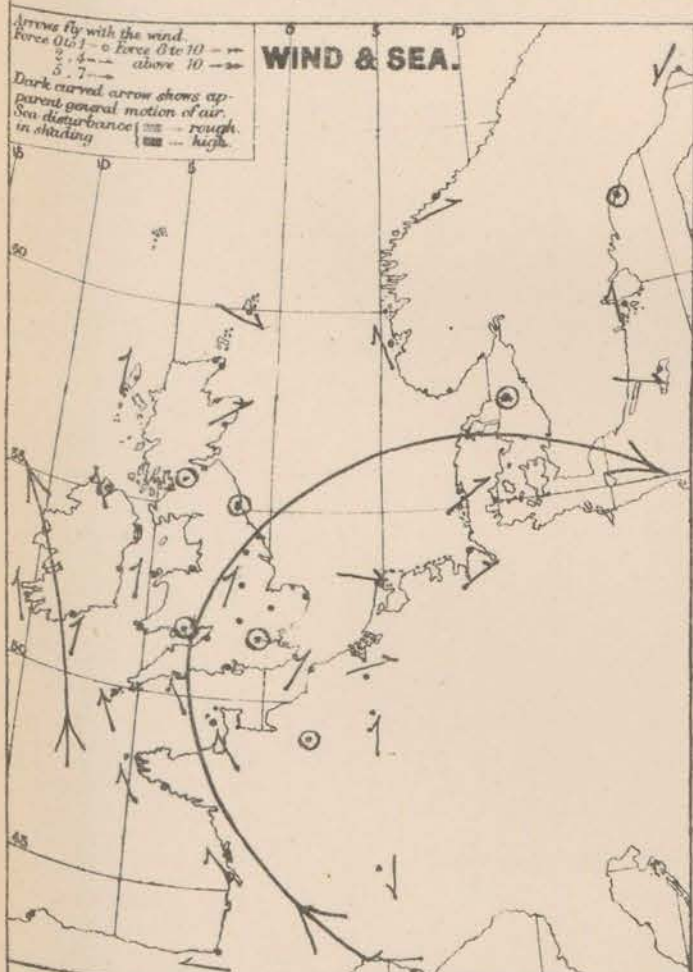
1. Isobars shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



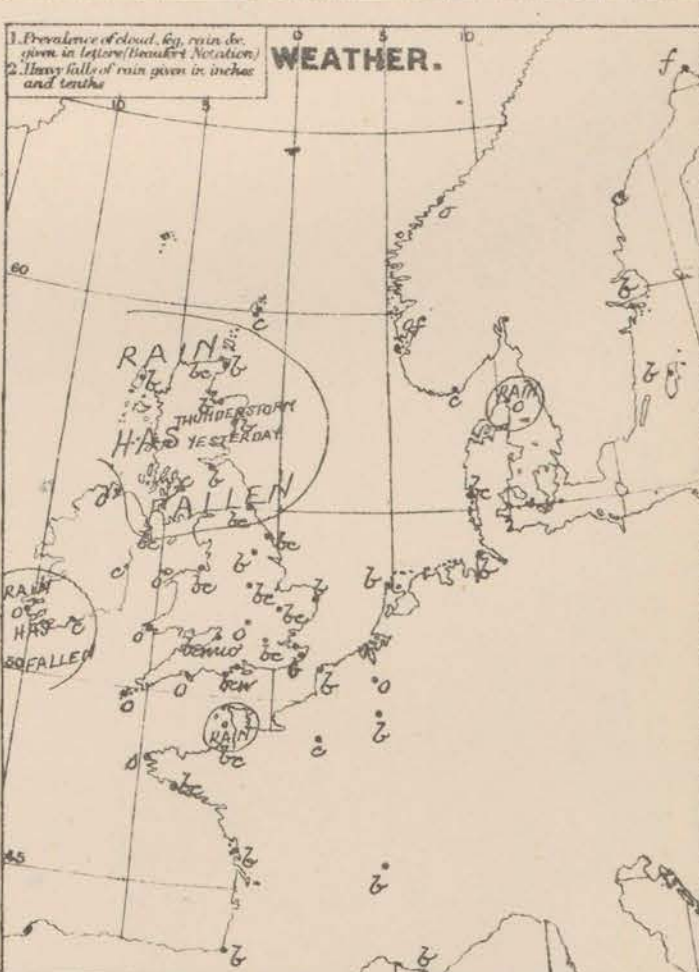
1. Arrows fly with the wind.
- Force 0 to 10 —
- Force 11 to 20 —
- Force 21 to 30 —
- Force 31 to 40 —
- Force 41 to 50 —
- Force 51 to 60 —
- Force 61 to 70 —
- Force 71 to 80 —
- Force 81 to 90 —
- Force 91 to 100 —

WIND & SEA.



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

WEATHER.



REMARKS. Weather this morning is fine at all but the W. stations, where the sky is overcast or very cloudy. Showers of rain fell in the W. and N. yesterday, and thunder occurred at Aberdeen. Temperature is slightly lower than it was at 8 a.m. yesterday, except in the W. where there is no change. The maximum values exceeded 70° in nearly all parts of Great Britain and France yesterday, and at Nottingham the highest recorded was 77°. Cambridge 78° and Biarritz 79°. Wind is very light and rather variable over England, moderate from SE. in the Bay of Biscay and from S. in Ireland, light from W. in the NE. of Scotland and in N. Germany, and very variable over Scandinavia. Sea is moderate in the extreme W. and N., slight or smooth elsewhere.

Barometrical indications. An area of uniformly high pressure lies over Germany, France and the greater part of England, while low pressure appears to prevail over the Atlantic. The barometer has risen briskly in Scotland since yesterday, but fallen in Ireland, and depressions seem to be moving in a N. direction outside our W. coasts, so that S. winds and showery weather may be expected in the W., but finer weather in the E.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 40 per quarter, book post 50 per quarter.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT August 10th 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PART 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. | 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 ... | 29.73 | 55 | Z | 0 | o | 29.62 | -19 | 56 | 55 | + 5 | Z | 0 | f | * | 66 | 50 | 0.04 | | |
| Hernösand ... | 29.76 | 65 | S | 2 | c | 29.74 | -14 | 66 | 58 | - 2 | NNW | 6 | f | * | * | * | - | | |
| Stockholm ... | 29.89 | 61 | SSW | 2 | c | 29.87 | -25 | 63 | 60 | - 3 | SW | 2 | o | * | * | * | - | | |
| Wibby ... | 29.96 | 62 | S | 6 | b | 29.88 | -16 | 64 | 62 | - 1 | W | 4 | bc | * | * | * | - | | |
| Christiansund ... | 29.90 | 60 | WSW | 3 | f | 29.89 | 00 | 59 | 55 | - 5 | SSW | 1 | o | 1 | 64 | 52 | - | | |
| Skudesnaes ... | 29.97 | 61 | NW | 2 | c | 29.88 | -07 | 62 | 58 | 0 | NNW | 2 | o | 2 | 61 | 61 | - | | |
| Oxö (Klansand) ... | 29.94 | 64 | WSW | 4 | b | 29.88 | -09 | 60 | 59 | - 1 | WSW | 4 | b | 2 | 66 | ? | - | | |
| Skagen (The Saaw) ... | 29.91 | 61 | WSW | 3 | b | 29.88 | -12 | 63 | 60 | 0 | W | 4 | b | 4 | 70 | 55 | - | | |
| Fanö ... | 30.05 | 61 | W | 2 | r | 29.95 | -09 | 71 | 63 | 0 | Z | 0 | bc | * | ? | 59 | - | | |
| Cuxhaven ... | 30.17 | 68 | NW | 1 | b | 30.02 | -11 | 63 | 62 | - 4 | SE | 2 | f | * | 70 | 59 | - | | |
| Sumburgh Head ... | 30.00 | 58 | S | 1 | b | 29.83 | -14 | 59 | 55 | + 1 | SE | 4 | a | 4 | 63 | 50 | - | | |
| Stornoway ... | 29.86 | 63 | SSE | 3 | bc | 29.59 | -38 | 59 | 58 | - 2 | SSE | 4 | e | 3 | 64 | 50 | - | | |
| Thurso ... | 29.96 | 60 | ESE | 2 | c | 29.73 | -30 | 59 | 57 | + 1 | SSE | 3 | om | 2 | 70 | 50 | - | | |
| Wick ... | 29.95 | 58 | S | 3 | bc | 29.72 | -31 | 59 | 57 | + 2 | SSE | 3 | o | 3 | 74 | 46 | - | | |
| Nairn ... | 29.95 | 64 | Z | 0 | o | 29.72 | -33 | 58 | 57 | + 3 | Z | 0 | r | 0 | 68 | 55 | 0.05 | | |
| Aberdeen ... | 30.00 | 62 | S | 1 | b | 29.76 | -31 | 58 | 57 | 0 | SSE | 3 | r | 1 | 67 | 59 | - | | |
| Leith ... | 29.94 | 66 | SE | 1 | c | 29.78 | -35 | 58 | 57 | - 4 | SSE | 4 | b | * | 68 | 56 | - | | |
| Shields ... | 30.02 | 62 | SE | 2 | c | 29.76 | -35 | 60 | 59 | 0 | SSE | 2 | om | 2 | 66 | 56 | 0.03 | | |
| Scarborough ... | 30.03 | 60 | SE | 2 | c | 29.79 | -33 | 60 | 59 | - 5 | SE | 1 | r | 1 | 66 | 59 | 0.05 | | |
| York ... | 30.01 | 67 | SE | 2 | bc | 29.67 | -46 | 59 | 58 | 0 | E | 1 | r | * | 74 | 57 | 0.22 | | |
| Nottingham ... | 30.00 | 70 | SSE | 1 | c | ? | ? | 61 | ? | - 4 | Z | 0 | f | * | 79 | 59 | 0.22 | | |
| Ardrossan ... | 29.93 | 65 | SSE | 1 | c | 29.69 | -37 | 60 | 58 | + 1 | ESE | 2 | r | 2 | 68 | 59 | 0.02 | | |
| Greencastle ... | 29.86 | 62 | S | 2 | r | 29.62 | -37 | 59 | 58 | - 3 | SSE | 2 | r | * | 67 | 58 | 0.31 | | |
| Donaghadee ... | ? | 64 | SSE | 3 | o | 29.67 | -39 | 58 | 58 | - 4 | SSE | 2 | r | 1 | 66 | 56 | 0.07 | | |
| Kingstown ... | 29.92 | 64 | ESE | 1 | o | 29.66 | -42 | 62 | 61 | - 1 | SE | 3 | o | 3 | 66 | 60 | 0.28 | | |
| Holyhead ... | 29.83 | 65 | SSE | 2 | o | 29.66 | -43 | 61 | 60 | - 1 | SSE | 1 | r | 0 | 70 | 60 | 0.83 | | |
| Liverpool (Bidston) ... | 29.95 | 68 | SE | 1 | o | 29.67 | -43 | 59 | 59 | - 2 | ESE | 2 | r | 1 | 71 | 59 | 0.07 | | |
| Valencia ... | 29.75 | 65 | SE | 4 | c | 29.77 | -16 | 62 | 59 | - 1 | NW | 3 | bc | 3 | 67 | 59 | 0.17 | | |
| Roche's Point... .. | 29.84 | 63 | S | 5 | o | 29.66 | -34 | 61 | 57 | - 3 | W | 5 | c | 4 | 70 | 60 | 0.20 | | |
| Pembroke ... | 29.91 | 63 | ESE | 3 | r | 29.63 | -45 | 62 | 62 | + 1 | SE | 3 | o | 2 | 66 | 60 | 0.74 | | |
| Portishead ... | 29.95 | 67 | SSW | 3 | o | 29.66 | -46 | 64 | 63 | + 3 | ESE | 2 | o | 4 | 76 | 58 | 0.09 | | |
| Scilly ... | 29.87 | 63 | SE | 5 | r | 29.67 | -38 | 62 | 62 | - 2 | W | 2 | tm | 2 | 65 | 61 | 0.60 | | |
| Plymouth ... | 29.92 | 65 | SE | 4 | o | 29.57 | -44 | 65 | 64 | + 4 | S | 2 | o | * | 72 | 61 | 0.04 | | |
| Hurst Castle ... | 29.98 | 70 | SE | 3 | bc | 29.70 | -45 | 65 | 65 | - 1 | SW | 4 | r | 4 | 74 | 64 | 0.02 | | |
| Dover ... | 30.04 | 67 | E | 2 | b | 29.77 | -39 | 66 | 62 | - 4 | WSW | 2 | cg | 1 | 70 | 63 | - | | |
| London ... | 30.00 | 74 | SSE | 2 | bc | 29.73 | -41 | 64 | 62 | 0 | ESE | 1 | r | * | 77 | 61 | 0.02 | | |
| Oxford ... | * | * | * | * | * | 29.68 | -45 | 64 | 60 | + 3 | S | 4 | o | * | 73 | 61 | - | | |
| Cambridge ... | 30.00 | 73 | SW | 1 | c | 29.71 | -45 | 68 | 63 | + 6 | SE | 1 | o | * | 77 | 60 | - | | |
| Yarmouth ... | 30.04 | 68 | SE | 2 | b | 29.79 | -36 | 66 | 63 | 0 | ESE | 3 | bc | 2 | 69 | 62 | - | | |
| The Helder ... | * | * | * | * | * | 29.87 | -26 | 68 | 66 | + 1 | E | 1 | bc | * | * | * | - | | |
| Cape Gris Nez ... | 30.05 | 66 | NE | 1 | bc | 29.80 | -39 | 70 | 63 | + 6 | SSE | 3 | o | 2 | 73 | 63 | - | | |
| Jersey ... | 29.96 | 72 | E | 1 | b | 29.76 | -39 | 65 | 64 | - 3 | SSW | 3 | o | 3 | 73 | 63 | - | | |
| Brest ... | 29.97 | 72 | S | 3 | o | 29.79 | -35 | 63 | 61 | + 2 | W | 4 | o | 4 | 73 | 59 | 0.04 | | |
| L'Orient ... | 29.93 | 72 | SE | 3 | c | 29.79 | -27 | 63 | 63 | - 1 | W | 3 | * | 2 | 79 | 61 | - | | |
| Rochefort ... | * | * | * | * | * | 29.87 | -26 | 68 | 66 | + 1 | E | 1 | bc | * | * | * | - | | |
| Biarritz ... | 29.87 | 86 | ENE | 4 | b | 29.96 | -03 | 70 | 66 | + 2 | W | 5 | c | 3 | 95 | 63 | - | | |
| Corunna ... | * | * | * | * | * | 29.82 | -36 | 67 | 61 | + 4 | S | 3 | c | * | 78 | 61 | - | | |
| Brussels ... | * | * | * | * | * | 29.80 | -41 | 65 | 61 | + 4 | E | 1 | o | * | * | * | - | | |
| Charleville ... | * | * | * | * | * | 29.82 | -37 | 67 | 61 | + 2 | SE | 2 | tm | * | * | * | - | | |
| Paris ... | 30.00 | 76 | SE | 3 | bc | 29.91 | -24 | 72 | 61 | 0 | SW | 2 | c | * | * | * | - | | |
| Lyons ... | * | * | * | * | * | 29.91 | -24 | 72 | 61 | 0 | SW | 2 | c | * | * | * | - | | |
| Toulon ... | * | * | * | * | * | 29.91 | -24 | 72 | 61 | 0 | SW | 2 | c | * | * | * | - | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.96 | 65 | 60 | N.W. | 2 | bc | 3 | Valencia | 29.82 | 65 | 62 | SE | 5 | cg | 6 |
| Thurso | 30.00 | 69 | 59 | SE | 1 | b | 2 | Scilly | 29.97 | 63 | 62 | SE | 5 | r | 4 |
| Scarborough ... | 30.09 | 62 | 58 | ESE | 1 | bc | 1 | London | 30.08 | 74 | 61 | S | 2 | c | * |
| Greencastle ... | 29.93 | 64 | 60 | S | 2 | o | * | Rochefort ... | 30.07 | 91 | 72 | ESE | 3 | b | 2 |
| Holyhead | 30.02 | 67 | 62 | S | 2 | o | 1 | | | | | | | | |

Pressure is decreasing everywhere most at Valencia, and the S.E. wind at the south-west has increased to a fresh breeze with a rough sea.

EXPLANATION OF COLUMNS.

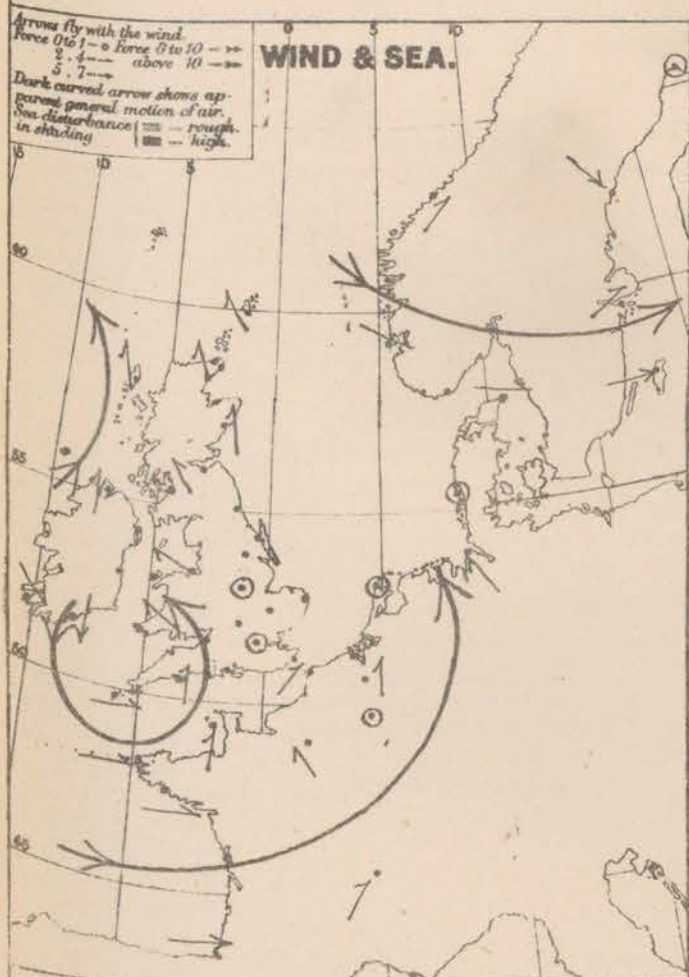
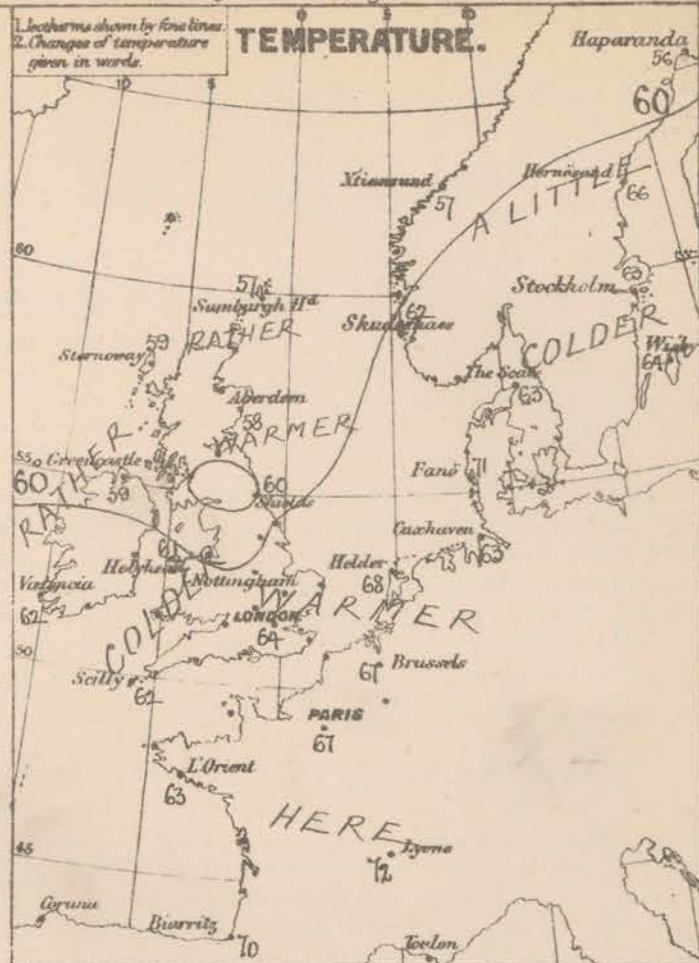
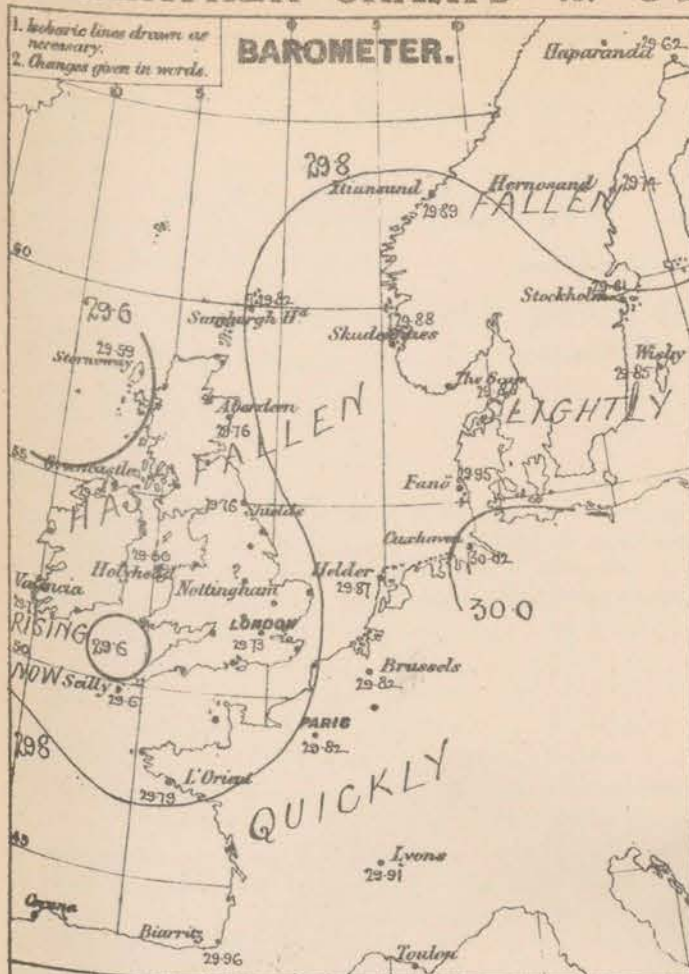
WEATHER.—Beaufort scale is, b. blue sky; o. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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 10. August. 1878.



REMARKS. Weather has become overcast and unsettled over the whole of W. Europe; rain is falling over the greater part of the United Kingdom, and in the NW. of France. The heaviest falls of rain reported this morning are 0.8 in. at Holyhead, 0.7 in. at Penzance, 0.6 in. at Seilly, 0.5 in. at Liverpool and 0.3 in. at Newcastle. In London no rain fell before 7 a.m. Temperature has fallen a few degrees at the W. stations, but has risen in the SE. It rose to a maximum of 95° at Biarritz yesterday, and 91° was recorded at Funchal at 2 p.m. In our Islands, however, the highest readings recorded were 79° at Nottingham, and 77° in London. Wind is light and variable, chiefly S.W. over Great Britain and the N. of Ireland, but W. to NW. in the S. of Ireland, and W. to SW. in the Channel. Over Scandinavia the wind is chiefly W. to NW. Sea is moderate in the NW. smooth elsewhere. Barometrical indications. In the course of the past night the barometer has fallen briskly over the whole of the United Kingdom - most in St. George's Channel. Two depressions are formed in our neighbourhood this morning, the larger off the W. of Scotland and the smaller at the mouth of the Bristol Channel. In their rear (i.e. over the S. of Ireland) the barometer has begun to rise and the weather is improving.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 4/ per quarter, book post 5/- per quarter.

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

R. H. SCOTT.
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from August 4th to August 10th 1878.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The weather during this week has been mild but dull, very showery, and marked by ^{frequent and} severe thunderstorms in most parts of the United Kingdom. The wind has been very changeable, breezes from opposite points of the compass having succeeded each other very quickly. At the close of the week a complicated depression was advancing towards our western coast from the Atlantic, the barometer was falling generally, and southerly winds and rain prevailed on all our coasts.

Sunday August 4th

Weather very fine over Scandinavia, Denmark and the north of Scotland, and clearing up considerably in France; but dull, wet and unsettled in England and Ireland with smart thunderstorms again over England. Rainfall heaviest (0.8 in.) in the south-west and at Oxford (1.1 ins.).

Temperature higher in several places than on the 3rd, 78° being recorded at Androsaw during the day, but only 72° in London.

Wind fallen extremely light and variable in all the southern districts but continuing E^{ly} to NE^{ly} in Scotland and Ireland. N^{ly} breezes beginning to show themselves in the South of France, and reaching the Channel during the afternoon.

Sea rough in the north and north-east.

Barometer. The depression's central area found at 8 am over the south of England, the Netherlands and the NE of France. The mercury rising briskly at the French stations but falling in our Islands. Depression beginning to move towards west during the day.

Monday August 5th

Weather continuing fine on the eastern shore of the North Sea and improving somewhat on our own north and east coasts, but still dull and showery in Ireland and England, with lightning in some places.

Temperature rising considerably in the south-east, and reaching a maximum of 80° at Cambridge, 81° in London and 84° in the south-west of France during the day.

Wind drawing into SE. at the English and French stations and falling light, but remaining E^{ly} in the west and north and blowing fresh in some localities.

Sea still rough in the north and north-east.

Barometer. The centre of the depression recently noticed in France and the south of England now found off the south of Ireland and moving N^{ly}. The barometer rising in the south and east, falling in the west and north, but reading still highest over Scandinavia.

Tuesday August 6th

Weather dull and cloudy over the British Isles with rain in most places during the day, and severe thunderstorms in the north and east; (nearly 2.5 in. of rain at Nottingham,) fine at most of the continental stations.

Temperature at 8 am. a little higher in the south than at 8 am on the 5th, and rising to 79° at Cambridge in the afternoon, but the maxima in other places decidedly lower than on the 5th.

Wind still E^{ly} to NE^{ly} over the major part of the Kingdom, but the SW winds in France gradually spreading over the south of England during the day.

Sea slight.

Barometer falling generally, more in the north than elsewhere, an arm of low pressure lying over our south-west coast in the morning and moving N^{ly} as the day advanced.

Wednesday August 7th

Weather cloudy generally except in Sweden; thunder at Paris in the morning and in North Britain later on; fog off our north-east coast. More than an inch of rain at Paris, 0.9 in. at Ardrossan, and 1.3 in. at Poole.
Temperature little changed and comparatively uniform; but falls in the afternoon in the south-west of France.
Wind light to moderate generally - S.E. in the N. W. to S.W. in the south, and S. to S.E. in Holland and Denmark. The S.W. wind continuing to spread northwards during the day.
Sea rather rough at Valentia.
Barometer still falling in the north rising elsewhere. The area of lowest pressure now off the west of Scotland, the highest over the Peninsula and south-west of France.

Thursday August 8th

Weather much finer than of late at all the S.W. stations, but thunderstorms again experienced in the north, with showers both at the Scotch and Irish stations.
Temperature rises generally, a maximum of 78° being recorded at Cambridge, 77° at Nottingham and 76° in London.
Wind N. to S.W. at all but the extreme N.W. stations where it still held from the eastwards and northwards. Towards night wind backing to the southward in the West.
Sea moderate in the S.W. slight or smooth elsewhere.
Barometer higher than on the 7th. A well marked depression found over the north-west of Scotland at 8 a.m. and subsequently moving away to the northward.

Friday August 9th

Weather very fine in the morning at all but the western stations, where it had become dull and very wet, the wet weather afterwards spreading to all but the extreme north-eastern and south-eastern stations. From six to eight tenths of an inch of rain measured at Tully and the five Welsh stations.
Temperature rather lower at 8 a.m. but higher over England during the day, than it was on the 8th. Maximum 79° at Nottingham, 77° in London and Cambridge, 95° at Biarritz.
Wind S.E. in France, S. in Ireland and England, S.W. in Scotland. The S. wind freshening in Ireland towards evening.
Barometer uniformly high over Germany, France and England, but beginning to fall somewhat decidedly in the west of Ireland and over the Bay of Biscay.

Saturday August 10th

Weather dull, wet and unsettled all over the British Isles especially in the east and north-east, inclined to improve temporarily in the south-west; fine and bright on the eastern shores of the North Sea. Thunderstorms in Belgium and the north-east of France.
Temperature fallen; the maximum readings exceeding 70° at very few of our stations and reaching 75° at Porthead only. In the south-west of France, however they were much higher (82° to 93°). Air very close.
Wind chiefly S. and S.E., but very variable in the south and west, and finally shifting to the N.W. very generally for a short time.
Sea moderate to smooth.
Barometer falling briskly. A primary depression advancing N.E. from the Atlantic towards Scotland, and a small secondary one travelling in a similar direction across England, followed by a temporary rise of the glass.

DAILY WEATHER REPORT

August 11th

1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|-------------------------|-------------------------------------|-----------------|-------|-------------------|----------|-----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|------|--|
| | Barometer at 350 ft. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Bar. (0 to 9.) | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 350 ft. 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 ... | 29.57 | 56 | SE | 2 | P | 29.54 | -08 | 50 | 49 | - | 6 | NH | 2 | 0 | * | 64 | 48 | 0.24 | |
| Hernösand ... | 29.71 | 61 | Z | 0 | 0 | 29.67 | -07 | 59 | 53 | - | 7 | Z | 0 | 0 | * | * | * | - | |
| Stockholm ... | 29.78 | 62 | Z | 0 | 0 | 29.72 | -09 | 69 | 63 | + | 6 | SH | 2 | 0 | * | * | * | - | |
| Wiesby ... | 29.80 | 63 | S | 6 | 0 | 29.78 | -10 | 63 | 61 | - | 1 | SH | 2 | 0 | * | * | * | - | |
| Christiansund ... | 29.71 | 57 | NNE | 1 | 0 | 29.55 | -34 | 55 | 52 | - | 2 | NE | 1 | 0 | 1 | 61 | 50 | - | |
| Skudesnaes ... | 29.73 | 61 | S | 2 | 0 | 29.47 | -41 | 60 | 59 | - | 2 | ESE | 4 | + | 3 | 64 | ? | 0.67 | |
| Oxö (Klansand) ... | 29.76 | 62 | SH | 4 | 0 | 29.50 | -32 | 63 | 61 | + | 3 | SE | 4 | 0 | 3 | 64 | 59 | - | |
| Skagen (The Sound) ... | 29.81 | 61 | Z | 0 | 0 | 29.63 | -25 | 64 | 62 | + | 1 | SE | 4 | 0 | 4 | 72 | 56 | - | |
| Fanö ... | 29.69 | 65 | SE | 4 | 0 | 29.52 | -43 | 68 | 66 | - | 3 | S | 4 | 0 | * | 73 | 63 | - | |
| Cuxhaven ... | 29.81 | 75 | SE | 2 | 0 | 29.59 | -43 | 70 | 68 | + | 7 | SH | 2 | 0 | * | 75 | 61 | - | |
| Sumburgh Head ... | 29.64 | 57 | SE | 4 | + | 29.48 | -34 | 55 | 55 | - | 2 | NH | 4 | 0 | 4 | 61 | 52 | 0.36 | |
| Stornoway ... | 29.64 | 61 | NH | 2 | 0 | 29.57 | -08 | 58 | 56 | - | 1 | S | 4 | 0 | 3 | 61 | 48 | 0.05 | |
| Thurso ... | 29.58 | 56 | Z | 0 | + | 29.56 | -17 | 59 | 54 | 0 | 0 | SH | 2 | 0 | 1 | 64 | 44 | 0.24 | |
| Wick ... | 29.56 | 58 | NH | 2 | 0 | 29.50 | -16 | 59 | 54 | 0 | 0 | NH | 2 | 0 | 1 | 61 | 47 | 0.18 | |
| Nairn ... | 29.60 | 52 | Z | 0 | 0 | 29.60 | -12 | 57 | 55 | - | 1 | Z | 0 | 0 | 0 | 65 | 49 | 0.22 | |
| Aberdeen ... | 29.60 | 59 | S | 1 | + | 29.59 | -17 | 58 | 54 | 0 | 0 | H | 2 | 0 | 1 | 63 | 50 | 0.77 | |
| Leith ... | 29.56 | 61 | H | 1 | 0 | 29.63 | -07 | 61 | 57 | + | 3 | H | 3 | 0 | * | 68 | 50 | 0.05 | |
| Shields ... | 29.59 | 60 | SH | 1 | + | 29.68 | -08 | 58 | 55 | - | 2 | NH | 3 | 0 | 2 | 61 | 49 | 0.60 | |
| Scarborough ... | 29.57 | 60 | SE | 1 | m | 29.71 | -08 | 65 | 58 | + | 5 | NH | 2 | 0 | 2 | 65 | 54 | 0.45 | |
| York ... | 29.57 | 65 | H | 1 | 0 | 29.73 | +06 | 60 | 56 | + | 1 | H | 3 | 0 | * | 65 | 49 | 0.61 | |
| Nottingham ... | 29.60 | 68 | SH | 1 | 0 | 29.79 | ? | 64 | 60 | + | 3 | H | 3 | 0 | * | 71 | 49 | 0.16 | |
| Ardrossan ... | 29.61 | 63 | NNE | 3 | 0 | 29.65 | -04 | 58 | 55 | - | 2 | SH | 2 | 0 | 2 | 64 | 57 | 0.14 | |
| Greencastle ... | 29.67 | 63 | H | 3 | 0 | 29.63 | +01 | 60 | 56 | + | 1 | SH | 2 | 0 | * | 67 | 50 | 0.02 | |
| Donaghadee ... | 29.66 | 61 | N | 3 | 0 | 29.69 | +02 | 60 | 59 | + | 2 | H | 3 | 0 | 2 | 65 | 50 | 0.01 | |
| Kingstown ... | 29.71 | 66 | NH | 3 | 0 | 29.75 | +09 | 61 | 56 | - | 1 | S | 3 | 0 | 2 | 67 | 56 | - | |
| Holyhead ... | 29.69 | 62 | NH | 3 | 0 | 29.77 | +11 | 59 | 57 | - | 2 | NH | 3 | 0 | 2 | 66 | 56 | 0.01 | |
| Liverpool (Kidston) ... | 29.64 | 61 | H | 4 | 0 | 29.76 | +09 | 60 | 57 | + | 1 | H | 2 | 0 | 1 | 66 | 56 | 0.27 | |
| Valencia ... | 29.83 | 62 | H | 3 | 0 | 29.67 | -10 | 59 | 57 | - | 3 | S | 4 | 0 | 4 | 67 | 56 | 0.42 | |
| Roche's Point ... | 29.79 | 62 | N | 4 | 0 | 29.75 | +09 | 61 | 59 | 0 | 0 | SH | 4 | 0 | 4 | 68 | 55 | - | |
| Pembroke ... | 29.73 | 64 | NH | 3 | 0 | 29.81 | +18 | 62 | 59 | 0 | 0 | SH | 1 | 0 | 3 | 67 | 58 | - | |
| Portishead ... | 29.68 | 68 | S | 3 | 0 | 29.73 | +07 | 61 | 57 | - | 3 | SH | 3 | 0 | 3 | 75 | 56 | - | |
| Seilly ... | 29.84 | 64 | NH | 6 | 0 | 29.89 | +22 | 62 | 61 | + | 1 | SH | 4 | 0 | 5 | 66 | 59 | 0.01 | |
| Plymouth ... | 29.72 | 65 | NH | 5 | 0 | 29.87 | +20 | 63 | 60 | - | 2 | SH | 4 | 0 | * | 70 | 57 | 0.43 | |
| Hurst Castle ... | 29.65 | 66 | SH | 4 | 0 | 29.86 | +16 | 65 | 62 | 0 | 0 | NH | 3 | 0 | 3 | 69 | 57 | 0.29 | |
| Dover ... | 29.65 | 64 | SH | 2 | 0 | 29.81 | +04 | 67 | 63 | + | 1 | NH | 3 | 0 | 2 | 69 | 59 | 0.06 | |
| London ... | 29.62 | 69 | SH | 2 | 0 | 29.82 | +09 | 61 | 57 | - | 3 | H | 2 | 0 | * | 69 | 54 | 0.40 | |
| Oxford ... | * | * | * | * | * | 29.83 | +15 | 61 | 58 | - | 3 | H | 2 | 0 | * | 72 | 52 | 0.08 | |
| Cambridge ... | 29.60 | 69 | S | 1 | 0 | 29.81 | +10 | 62 | 58 | - | 6 | NH | 1 | 0 | * | 70 | 54 | 0.23 | |
| Yarmouth ... | 29.63 | 65 | S | 3 | + | 29.74 | -05 | 61 | 56 | - | 5 | NH | 3 | 0 | 2 | 68 | 55 | 0.18 | |
| The Helder ... | * | * | * | * | * | 29.61 | -26 | 64 | 62 | - | 4 | NH | 2 | 0 | * | * | * | 0.12 | |
| Cape Gris Nez ... | 29.69 | 64 | SH | 2 | 0 | 29.82 | +02 | 63 | 61 | - | 7 | NH | 3 | 0 | 3 | 72 | 61 | 0.05 | |
| Jersey ... | 29.74 | 63 | NH | 4 | 0 | 29.96 | +20 | 62 | 59 | - | 3 | H | 4 | 0 | 4 | 71 | 60 | 0.01 | |
| Brest ... | 29.88 | 70 | NH | 4 | m | 30.02 | +23 | 61 | 59 | - | 2 | NH | 3 | 0 | 4 | ? | 57 | 0.04 | |
| L'Orient ... | 29.85 | 64 | NH | 6 | + | 30.02 | +23 | 63 | 59 | 0 | 0 | NH | 3 | 0 | 2 | 72 | 57 | 0.08 | |
| Rochefort ... | 29.95 | 70 | H | 6 | + | 30.05 | +17 | 63 | 61 | - | 5 | NH | 3 | + | 3 | 93 | 61 | 0.35 | |
| Biarritz ... | 30.12 | 72 | SH | 4 | + | 30.10 | +14 | 66 | 63 | - | 4 | NH | 2 | 0 | 4 | 82 | 63 | 0.04 | |
| Corunna ... | * | * | * | * | * | 30.17 | +05 | 65 | * | - | 3 | S | 3 | 0 | 2 | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.73 | -09 | 65 | 62 | - | 2 | NH | 4 | 0 | * | 79 | 62 | 0.55 | |
| Charleville ... | * | * | * | * | * | 29.69 | -11 | 63 | * | - | 2 | SH | 1 | 0 | * | * | * | * | |
| Paris ... | 29.69 | 66 | SH | 3 | 0 | 29.86 | +04 | 64 | 61 | - | 3 | NH | 4 | 0 | * | * | * | 0.24 | |
| Lyons ... | * | * | * | * | * | 29.98 | +07 | 70 | * | - | 2 | S | 2 | 0 | * | * | * | * | |
| Toulon ... | 29.95 | 72 | H | 3 | 0 | 29.90 | -11 | 64 | 55 | - | 8 | NH | 6 | 0 | 5 | 81 | 72 | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Woe. | Sea. | | Bar. | Dry. | Wet. | Wind. | Woe. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|---|---|
| Skudesnaes ... | 29.79 | 64 | 58 | SW | 4 | 0 | 2 | Valencia | 29.82 | 65 | 60 | NW | 3 | 0 | 4 |
| Thurso | 29.62 | 61 | 59 | SE | 3 | 0 | 1 | Scilly | 29.76 | 64 | 62 | N | 6 | 0 | 5 |
| Scarborough ... | 29.65 | 60 | 60 | SE | 2 | + | 2 | London | 29.65 | 67 | 65 | SW | 2 | 0 | * |
| Greencastle ... | 29.64 | 65 | 58 | N | 2 | 0 | * | Rochefort ... | 29.90 | 70 | 64 | NW | 7 | 0 | 3 |
| Holyhead | 29.65 | 64 | 62 | NW | 3 | 0 | 2 | | | | | | | | |

The barometer has risen at all our SHM stations since 8 a.m., the centre of the small depression having moved NE to Central England. Rain still prevails in the E. and SE. but in the N. the weather is fine.

EXPLANATION OF COLUMNS.

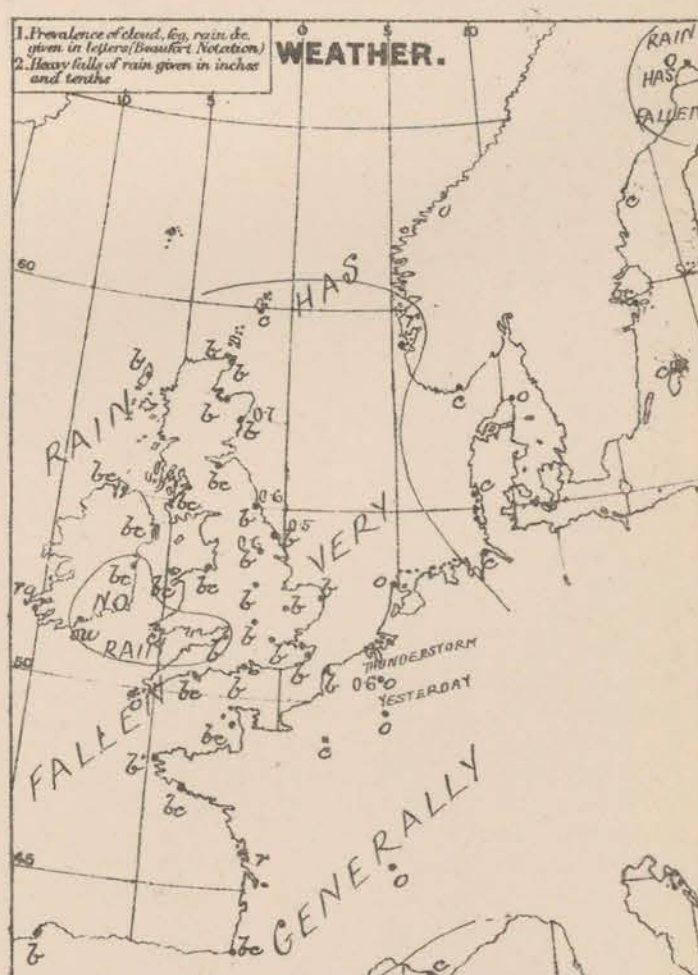
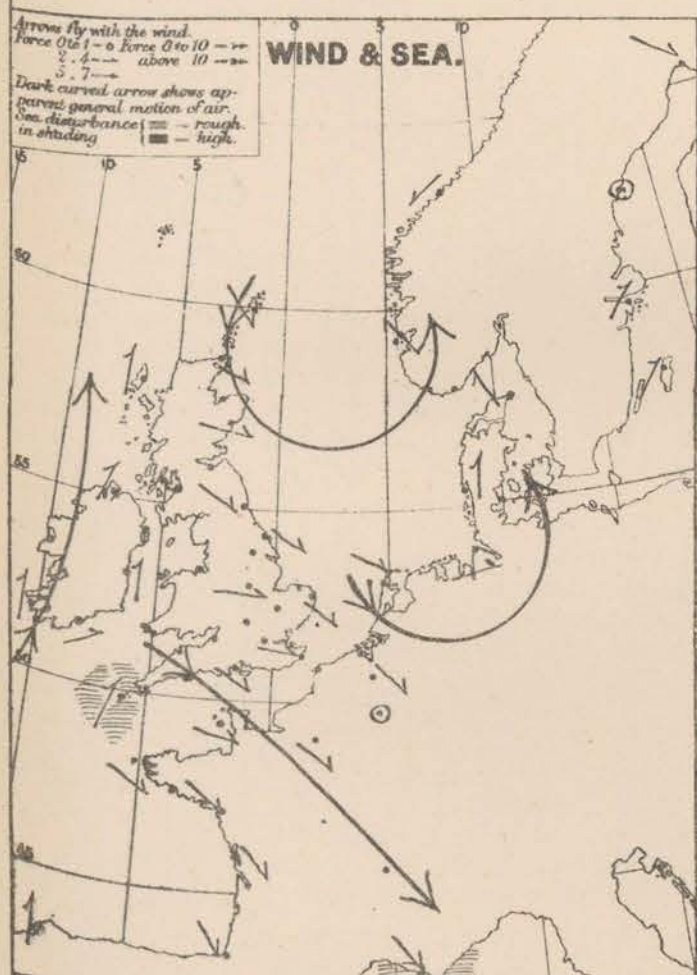
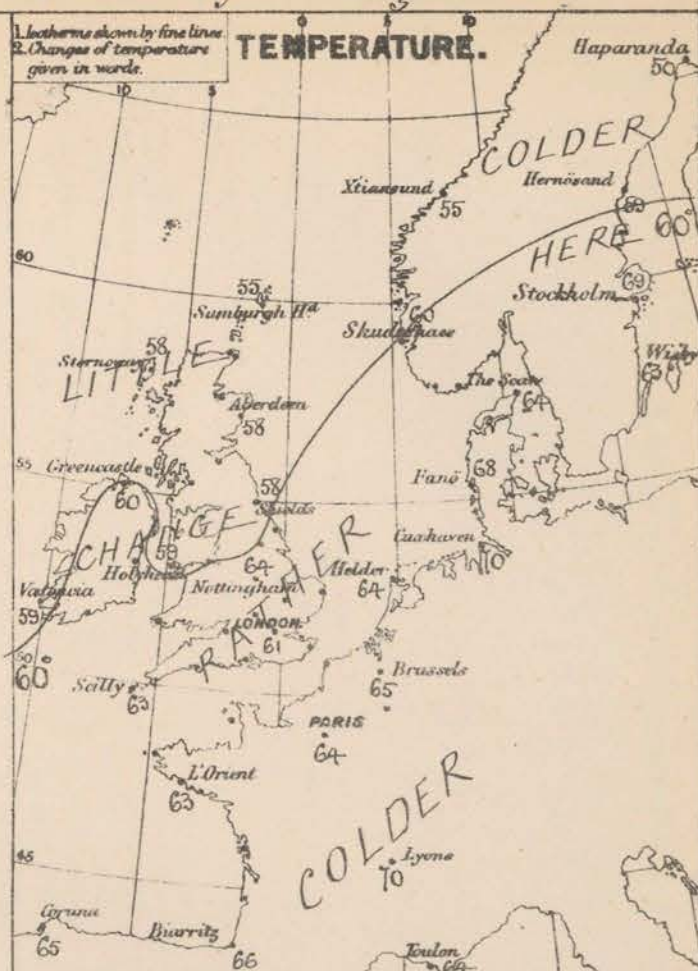
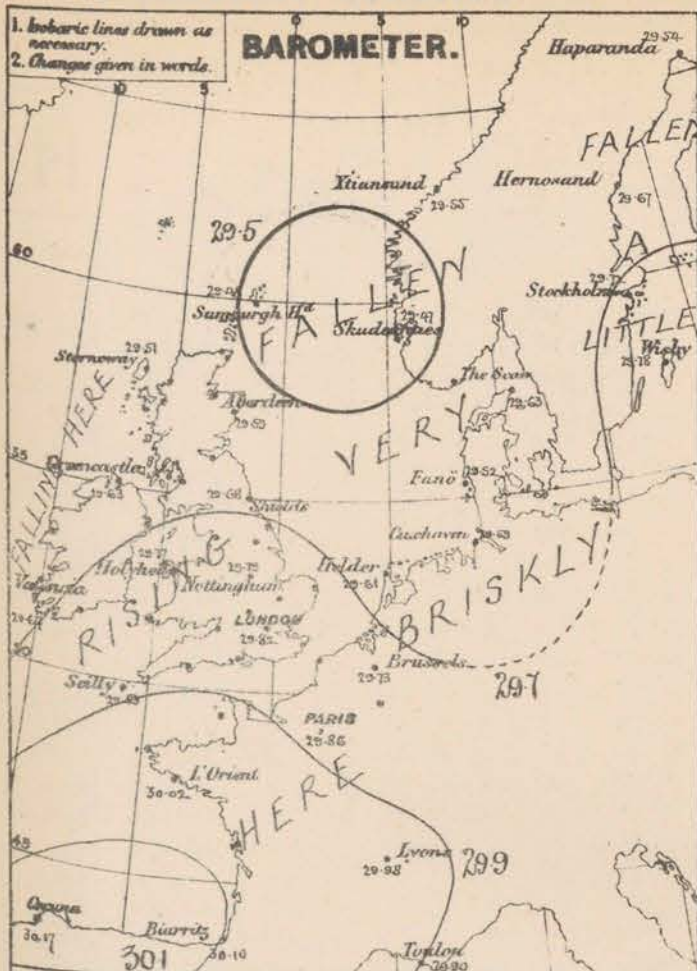
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; a. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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 9 p.m. in France.

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

WEATHER CHARTS for 8 a.m. on Sun. day 11th August. 1878.



REMARKS Weather over the British Isles is very changeable and unsettled. The sky is at present clear in most places. Rain has fallen generally and continues at Valentia, Rochfort and Skidmore; the largest amounts measured this morning are 0.7 in. at Aberdeen, 0.6 in. at Shields, York and Brussels, and 0.5 in. at Scarborough. Slight thunderstorms have occurred at Brussels and Oxford. Temperature is rather higher this morning in most places, the highest recorded in our Islands yesterday was 75° at Portlough, but over France the weather was much warmer. Wind is light from NW over England and France, but draws into S and E on the E. shore of the North Sea. In the W. and NW, S. breezes are repeated. Sea is rather rough off the Scilly Islands, and at Dublin, moderate to slight squalls.

Barometrical Indications. The two depressions noticed yesterday have both moved in an E. direction; one now lying between the E. coast of Scotland and the W. of Norway, the other is found over N. Germany. The barometer had risen over our Islands in the morning, but during the night a fresh fall has commenced in the W. and is extending to our other stations.

DAILY WEATHER REPORT AUGUST 12TH 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PART 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. | Shade Temp. | Max. | Min. | Amount of Rainfall. | Max. | Min. | Amount of Rainfall. | Max. | Min. |
| | | | Dir. | Force (0 to 15). | | | Dry. | Wet. | | | | | | | | | | | |
| Haparanda ... | 29.61 | 57 | S | 3 | o | 29.57 | + .03 | 57 | 58 | + 1 | NE | 4 | o | * | 54 | 46 | - | | |
| Hernösand ... | 29.56 | 55 | L | o | bc | 29.33 | - .34 | 59 | 58 | o | NE | 2 | o | * | * | * | 0.47 | | |
| Stockholm ... | 29.62 | 64 | S | 5 | c | 29.48 | - .24 | 68 | 60 | - 1 | SW | 6 | o | * | * | * | - | | |
| Wisby ... | 29.67 | 62 | SSE | 6 | o | 29.60 | - .18 | 66 | 64 | + 3 | W | 4 | bc | * | * | * | - | | |
| Christiansund ... | 29.39 | 56 | NE | 2 | f | 29.45 | - .10 | 54 | 53 | - 1 | NNW | 1 | + | 1 | 61 | 48 | 0.08 | | |
| Skudesnaes ... | 29.57 | 59 | W | 6 | c | 29.56 | + .09 | 60 | 56 | o | S | 2 | o | 3 | 61 | 59 | - | | |
| Oxö (Ålön) ... | 29.53 | 62 | SW | 6 | o | 29.59 | + .03 | 59 | 54 | - 4 | W | 2 | c | 2 | 64 | 55 | - | | |
| Skagen (The Scaw) ... | 29.53 | 63 | W | 4 | o | 29.60 | - .03 | 63 | 55 | - 1 | W | 5 | c | 5 | 72 | 54 | 0.04 | | |
| Fanö ... | 29.68 | 61 | NNW | 4 | c | 29.68 | + .16 | 67 | 60 | - 1 | SW | 4 | c | * | 72 | 59 | 0.04 | | |
| Cuxhaven ... | 29.73 | 66 | NNW | 4 | o | 29.78 | + .19 | 61 | 59 | - 9 | SW | 1 | c | * | 73 | 55 | - | | |
| Sumburgh Head ... | 29.57 | 58 | W | 2 | o | 29.37 | - .11 | 58 | 58 | + 3 | SE | 5 | + | 5 | 63 | 50 | 0.01 | | |
| Stornoway ... | 29.37 | 57 | S | 5 | + | 29.17 | - .34 | 59 | 56 | + 1 | S | 5 | o | 4 | 62 | 54 | 0.54 | | |
| Thurso ... | 29.47 | 60 | SE | 2 | c | 29.23 | - .33 | 58 | 57 | - 1 | SE | 5 | + | 2 | 65 | 56 | 0.04 | | |
| Wick ... | 29.46 | 59 | S | 3 | c | ? | ? | 58 | 57 | - 1 | SE | 3 | o | 3 | 62 | 56 | 0.06 | | |
| Nairn ... | No observations taken. | | | | | 29.23 | - .37 | 59 | 57 | + 2 | L | o | o | o | 68 | 55 | 0.11 | | |
| Aberdeen ... | 29.53 | 60 | S | 3 | c | 29.26 | - .33 | 60 | 58 | + 2 | SW | 3 | bc | 1 | 63 | 57 | 0.02 | | |
| Leith ... | 29.53 | 62 | W | 3 | c | 29.28 | - .35 | 58 | 57 | - 3 | W | 4 | c | * | 72 | 57 | 0.03 | | |
| Shields ... | 29.61 | 66 | W | 2 | c | 29.36 | - .32 | 61 | 59 | + 3 | S | 3 | cm | 1 | 69 | 57 | 0.03 | | |
| Scarborough ... | 29.68 | 65 | S | 1 | o | 29.42 | - .29 | 59 | 58 | - 6 | S | 4 | o | 2 | 69 | 54 | 0.16 | | |
| York ... | 29.67 | 65 | SW | 2 | o | 29.44 | - .29 | 59 | 58 | - 1 | S | 3 | o | * | 70 | 56 | 0.24 | | |
| Nottingham ... | 29.70 | 66 | S | 2 | o | 29.49 | - .30 | 61 | 60 | + 3 | S | 4 | + | * | 76 | 58 | 0.19 | | |
| Ardrossan ... | 29.49 | 60 | S | 4 | + | 29.32 | - .33 | 59 | 56 | + 1 | SW | 3 | bc | 3 | 63 | 57 | 0.23 | | |
| Greencastle ... | 29.42 | 62 | SSE | 5 | o | 29.32 | - .31 | 57 | 55 | - 3 | SW | 3 | c | * | 66 | 50 | 0.15 | | |
| Donaghadee ... | 29.46 | 60 | SW | 6 | + | 29.39 | - .30 | 58 | 55 | - 2 | W | 6 | o | 4 | 66 | 52 | 0.23 | | |
| Kingstown ... | 29.49 | 61 | SSE | 4 | o | 29.48 | - .27 | 59 | 54 | - 2 | W | 4 | o | 3 | 65 | 56 | 0.12 | | |
| Holyhead ... | 29.61 | 61 | S | 4 | m | 29.48 | - .29 | 59 | 56 | o | W | 4 | bc | 4 | 66 | 57 | 0.17 | | |
| Liverpool (Biston) ... | 29.62 | 63 | S | 2 | o | 29.42 | - .34 | 59 | 58 | - 1 | W | 2 | o | 2 | 68 | 57 | 0.05 | | |
| Valencia ... | 29.40 | 62 | SW | 4 | cg | 29.59 | - .08 | 61 | 56 | + 2 | W | 3 | c | 3 | 66 | 55 | 0.83 | | |
| Roche's Point ... | 29.43 | 60 | SW | 6 | + | 29.56 | - .19 | 60 | 56 | - 1 | W | 4 | o | 4 | 68 | 56 | 0.36 | | |
| Pembroke ... | 29.62 | 61 | S | 5 | + | 29.52 | - .29 | 60 | 59 | - 2 | NNW | 1 | c | 4 | 65 | 59 | 0.73 | | |
| Portishead ... | 29.73 | 61 | SW | 5 | + | 29.52 | - .21 | 63 | 62 | + 2 | SW | 4 | c | 4 | 69 | 57 | 0.34 | | |
| Seilly ... | 29.71 | 63 | SW | 9 | cm | 29.61 | - .28 | 65 | 63 | + 2 | SW | 6 | c | 6 | 65 | 60 | 0.47 | | |
| Plymouth ... | 29.76 | 62 | SW | 5 | o | 29.58 | - .29 | 63 | 62 | o | SW | 4 | o | * | 68 | 60 | 0.70 | | |
| Hurst Castle ... | 29.83 | 64 | SW | 5 | o | 29.56 | - .30 | 64 | 64 | - 1 | SW | 6 | c | 6 | 68 | 59 | 0.08 | | |
| Dover ... | 29.85 | 64 | SW | 5 | bc | 29.66 | - .15 | 63 | 60 | - 4 | SW | 5 | cm | 3 | 71 | 60 | - | | |
| London ... | 29.87 | 66 | SW | 2 | o | 29.58 | - .24 | 62 | 60 | + 1 | S | 4 | cg | * | 75 | 59 | 0.01 | | |
| Oxford ... | * | * | * | * | * | 29.52 | - .31 | 60 | 60 | - 1 | SW | 2 | + | * | 71 | 58 | 0.18 | | |
| Cambridge ... | 29.76 | 65 | SW | 1 | o | 29.56 | - .25 | 61 | 59 | - 1 | S | 2 | o | * | 74 | 57 | 0.02 | | |
| Yarmouth ... | 29.77 | 64 | SE | 3 | o | 29.61 | - .13 | 62 | 60 | + 2 | S | 4 | o | 3 | 70 | 59 | - | | |
| The Helder ... | * | * | * | * | * | 29.69 | + .08 | 62 | 59 | - 2 | S | 1 | o | * | * | * | - | | |
| Cape Gris Nez ... | 29.85 | 63 | SW | 5 | o | 29.68 | - .14 | 63 | 61 | o | SW | 6 | c | 5 | 68 | 59 | 0.12 | | |
| Jersey ... | 29.89 | 63 | SW | 1 | o | 29.69 | - .27 | 62 | 62 | o | SW | 6 | cg | 5 | 67 | 61 | 0.13 | | |
| Brest ... | 29.92 | ? | SW | 4 | o | 29.75 | - .27 | 61 | 61 | o | W | 2 | o | 5 | 66 | 59 | 0.32 | | |
| L'Orient ... | 29.94 | 63 | SW | 3 | + | 29.75 | - .27 | 63 | 63 | o | SW | 6 | + | 4 | 72 | 59 | 0.12 | | |
| Rochefort ... | 29.01 | 72 | SW | 2 | c | 29.89 | - .16 | 66 | 63 | + 3 | SW | 4 | c | 3 | ? | 59 | - | | |
| Biarritz ... | 29.98 | 72 | NNE | 4 | bc | 29.93 | - .17 | 66 | 61 | o | S | 2 | bc | 3 | 72 | 59 | - | | |
| Corunna ... | * | * | * | * | * | | | | | | | | | * | * | * | * | | |
| Brussels ... | * | * | * | * | * | | | | | | | | | * | * | * | * | | |
| Charleville ... | * | * | * | * | * | 29.78 | + .09 | 58 | 60 | - 4 | SSE | ? | o | * | * | * | * | | |
| Paris ... | 29.91 | 70 | W | 3 | o | 29.83 | - .03 | 63 | 60 | - 1 | SW | 1 | o | * | * | * | * | | |
| Lyons ... | * | * | * | * | * | 29.94 | - .04 | 63 | 60 | - 7 | W | 2 | o | * | * | * | * | | |
| Toulon ... | 29.82 | 75 | NW | 6 | o | 29.89 | - .01 | 72 | 61 | + 8 | NE | 1 | o | 3 | 77 | 64 | - | | |

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

| Bar. | Dry. | Wet. | Wind. | Wes. | Sun. | Bar. | Dry. | Wet. | Wind. | Wes. | Sun. |
|-----------------|-------|------|-------|------|------|---------------|-------|------|-------|------|------|
| Skudesnaes ... | 29.50 | 60 | W | 7 | c | Valencia ... | | | | | |
| Thurso ... | | | | | | Seilly ... | | | | | |
| Scarborough ... | | | | | | London ... | | | | | * |
| Greencastle ... | | | | | | Rochefort ... | 30.02 | 70 | 63 | NN | 3 |
| 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. equally; 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. in France.

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

DAILY WEATHER REPORT AUGUST 13TH 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|---|--------------------|-------|--------------------|----------|---|---|-------------|------|---|--------|--------------------|----------|-------------------|-------------|----------------|---------------------------|------|
| | Barometer at 3 p.m. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 5.) | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Blue. | Fog. (0 to 15). | | Reading at 3 p.m. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirce. | Fog. (0 to 15). | | | Max. | Min. | | |
| Haparanda | 29.54 | 49 | Z | 0 | c | 29.62 | + 0.5 | 50 | 46 | - | 1 | Z | 0 | 8 | * | 55 | 41 | - |
| Hernösand | 29.50 | 56 | Z | 0 | bc | 29.56 | + 2.3 | 55 | 55 | - | 4 | E | 2 | r | * | * | * | 0.20 |
| Stockholm | 29.60 | 61 | WSTH | 4 | 8 | 29.61 | + 1.3 | 61 | 57 | - | 7 | STH | 4 | 0 | * | * | * | - |
| Wibby | 29.65 | 65 | W | 8 | 8 | 29.67 | + 0.7 | 64 | 61 | - | 2 | W | 6 | r | * | * | * | - |
| Christiansund | 29.55 | 54 | NE | 3 | 2 | 29.59 | - 0.6 | 52 | 50 | - | 2 | NE | 3 | 0 | 2 | 57 | 46 | - |
| Skudesnaes | 29.45 | 59 | SE | 6 | r | 29.36 | - 2.0 | 64 | 60 | + 4 | 5 | S | 6 | c | 4 | ? | 59 | 0.39 |
| Oxö (Klonsand) | 29.54 | 60 | SSE | 4 | r | 29.42 | - 1.7 | 62 | 60 | + 3 | STH | 4 | c | 3 | 66 | 57 | 0.16 | |
| Skagen (The Seal) | 29.60 | 62 | STH | 2 | r | 29.47 | - 1.3 | 62 | 60 | - | 1 | WSTH | 4 | c | 4 | 68 | 53 | 0.08 |
| Faro | | | | | | | | | | | | | | | * | | | |
| Cuxhaven | 29.69 | 66 | SSTH | 2 | 0 | 29.53 | - 1.5 | 64 | 62 | + 3 | STH | 4 | 0 | * | 72 | 57 | 0.02 | |
| Sumburgh Head | 29.27 | 58 | SE | 3 | c | 29.21 | - 1.6 | 58 | 57 | 0 | SE | 2 | c | 3 | 60 | 55 | 0.07 | |
| Stornoway | 29.17 | 59 | S | 5 | 8 | 29.24 | + 0.7 | 59 | 57 | 0 | N | 3 | 8 | 2 | 62 | 51 | - | |
| Thurso | 29.27 | 60 | ENE | 1 | c | 29.21 | - 0.3 | 60 | 57 | + 2 | NNE | 2 | c | 3 | 64 | 50 | 0.09 | |
| Wick | 29.26 | 61 | SE | 2 | bc | 29.20 | - 0.3 | 57 | 56 | - | 1 | NE | 1 | c | 0 | 68 | 54 | 0.03 |
| Nairn | 29.25 | 60 | NNH | 1 | c | 29.20 | - 0.3 | 56 | 54 | - | 3 | NNH | 1 | c | 1 | 59 | 52 | 0.05 |
| Aberdeen | 29.29 | 66 | STH | 3 | 8 | 29.13 | - 1.3 | 57 | 54 | - | 3 | NH | 3 | c | 1 | 73 | 50 | 0.05 |
| Leith | 29.33 | 60 | WSTH | 5 | c | 29.26 | - 0.2 | 61 | 56 | + 3 | WSTH | 4 | 8 | * | 71 | 54 | 0.19 | |
| Shields | 29.43 | 66 | STH | 5 | bc | 29.39 | + 0.3 | 59 | 56 | - | 2 | WSTH | 4 | c | 2 | 68 | 55 | 0.05 |
| Scarborough | 29.48 | 62 | WSTH | 3 | 8 | 29.48 | + 0.6 | 59 | 56 | 0 | WSTH | 4 | 0 | 3 | 68 | 56 | 0.01 | |
| York | 29.49 | 64 | W | 2 | 8 | 29.57 | + 0.7 | 59 | 55 | 0 | SSTH | 4 | 0 | * | 70 | 55 | 0.05 | |
| Nottingham | 29.56 | 64 | WSTH | 3 | 8 | 29.59 | + 1.0 | 62 | 58 | + 1 | STH | 5 | c | * | 74 | 53 | 0.05 | |
| Ardrossan | 29.31 | 60 | STH | 3 | bc | 29.33 | + 0.1 | 59 | 56 | 0 | W | 3 | c | 3 | 64 | 57 | 0.20 | |
| Greencastle | 29.26 | 57 | WSTH | 5 | r | 29.37 | + 0.5 | 57 | 55 | 0 | STH | 3 | 0 | * | 65 | 52 | 0.08 | |
| Donaghadee | 29.36 | 62 | STH | 5 | c | 29.42 | + 0.3 | 56 | 56 | - | 2 | SSTH | 6 | r | 5 | 67 | 53 | 0.21 |
| Kingstown | 29.50 | 64 | W | 4 | bc | 29.53 | + 0.5 | 59 | 55 | 0 | W | 4 | c | 3 | 67 | 57 | - | |
| Holyhead | 29.52 | 62 | STH | 5 | c | 29.55 | + 0.7 | 59 | 57 | 0 | WSTH | 5 | c | 4 | 67 | 57 | - | |
| Liverpool (Bidston) | 29.52 | 61 | STH | 3 | bc | 29.53 | + 1.1 | 62 | 56 | + 3 | STH | 2 | bc | 3 | 67 | 57 | - | |
| Valencia | 29.62 | 61 | W | 5 | 0 | 29.51 | - 0.8 | 62 | 60 | + 1 | SSTH | 5 | ogm | 4 | 66 | 55 | 0.03 | |
| Roche's Point | 29.63 | 64 | W | 5 | c | 29.59 | + 0.3 | 62 | 60 | + 2 | WSTH | 4 | 0 | 4 | 67 | 57 | 0.04 | |
| Pembroke | 29.62 | 62 | W | 6 | 8 | 29.64 | + 1.2 | 61 | 59 | + 1 | STH | 4 | 0 | 4 | 63 | 59 | - | |
| Portishead | 29.61 | 66 | WSTH | 6 | bc | 29.67 | + 1.5 | 59 | 58 | - | 4 | SSTH | 3 | r | 4 | 71 | 56 | 0.11 |
| Scilly | 29.74 | 64 | W | 5 | bc | 29.72 | + 1.1 | 62 | 61 | - | 3 | SSTH | 6 | r | 5 | 65 | 60 | 0.04 |
| Plymouth | 29.69 | 64 | NNH | 4 | 8 | 29.73 | + 1.5 | 62 | 60 | - | 1 | STH | 4 | 0 | * | 69 | 59 | 0.01 |
| Hurst Castle | 29.64 | 68 | W | 6 | bc | 29.72 | + 1.6 | 62 | 62 | - | 1 | WSTH | 6 | apu | 6 | 69 | 61 | 0.01 |
| Dover | 29.64 | 64 | WSTH | 4 | 8 | 29.75 | + 0.9 | 61 | 59 | - | 2 | WSTH | 3 | cg | 3 | 66 | 56 | 0.05 |
| London | 29.60 | 65 | STH | 2 | 0 | 29.69 | + 1.1 | 62 | 59 | 0 | STH | 3 | 0 | * | 71 | 54 | 0.26 | |
| Oxford | * | * | * | * | * | 29.67 | + 1.5 | 60 | 57 | 0 | STH | 4 | 8 | * | 72 | 56 | - | |
| Cambridge | 29.54 | 69 | WSTH | 1 | c | 29.65 | + 0.9 | 60 | 58 | - | 1 | STH | 2 | 0 | * | 76 | 54 | 0.09 |
| Yarmouth | 29.57 | 62 | NE | 1 | c | 29.64 | + 0.3 | 60 | 57 | - | 3 | STH | 3 | c | 3 | 69 | 55 | 1.18 |
| The Helder | * | * | * | * | * | 29.64 | - 0.5 | 60 | 59 | + 1 | STH | 3 | c | * | * | * | * | 0.16 |
| Cape Gris Nez | 29.66 | 64 | WSTH | 6 | 8 | 29.77 | + 0.9 | 63 | 59 | 0 | STH | 6 | c | 5 | 68 | 61 | 0.12 | |
| Jersey | 29.77 | 63 | W | 5 | c | 29.86 | + 1.7 | 62 | 59 | 0 | WSTH | 4 | 0 | 4 | 68 | 59 | 0.22 | |
| Brest | 29.89 | ? | NNH | 2 | 8 | 29.90 | + 1.5 | 63 | 61 | + 2 | WSTH | 4 | 0 | 4 | 66 | 59 | - | |
| L'Orient | 29.86 | 64 | NNH | 4 | bc | 29.91 | + 1.6 | 63 | 59 | 0 | STH | 4 | 0 | 3 | 73 | 57 | - | |
| Rochefort | 29.92 | 72 | W | 6 | c | 29.97 | + 0.8 | 66 | 64 | 0 | W | 3 | c | 5 | 68 | 55 | - | |
| Biarritz | 29.98 | 73 | W | 1 | bc | 29.99 | + 0.6 | 66 | 63 | 0 | E | 1 | m | 3 | 75 | 61 | - | |
| Corunna | * | * | * | * | * | | | | | | | | | | * | * | * | * |
| Brussels | * | * | * | * | * | 29.80 | + 0.4 | 61 | 58 | - | 3 | STH | 5 | 0 | * | 70 | 59 | 0.04 |
| Charleville | * | * | * | * | * | 29.81 | + 0.3 | 59 | * | 0 | STH | 1 | c | * | * | * | * | * |
| Paris | 29.76 | 69 | W | 4 | 0 | 29.91 | + 0.8 | 61 | 58 | - | 2 | WSTH | 3 | 0 | * | * | * | - |
| Lyons | * | * | * | * | * | 29.99 | + 0.5 | 71 | * | + 8 | NE | 2 | 8 | * | * | * | * | * |
| Toulon | 29.92 | 72 | W | 4 | bc | 29.97 | + 0.8 | 75 | 64 | + 3 | W | 1 | m | 2 | 8 | 70 | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|-----|---|
| Skudesnaes ... | 29.49 | 62 | 58 | SE | 4 | F | 4 | Valencia | 29.63 | 64 | 58 | WSTH | 4 | c | 5 |
| Thurso | 29.28 | 61 | 57 | NNH | 1 | bc | 2 | Scilly | 29.72 | 65 | 60 | NNH | 5 | bc | 5 |
| Scarborough ... | 29.45 | 67 | 60 | W | 3 | bc | 2 | London | 29.59 | 67 | 64 | WSTH | 2 | otp | * |
| Greencastle ... | 29.93 | 62 | 56 | SW | 3 | o | * | Rochefort ... | 29.90 | 70 | 66 | WSTH | 5 | o | 4 |
| Holyhead | 29.53 | 64 | 59 | SW | 5 | 8 | 4 | | | | | | | | |

The barometer has risen at all stations since the morning, and the weather has improved except in the south east, where smart thunderstorms are reported.

EXPLANATION OF COLUMNS.

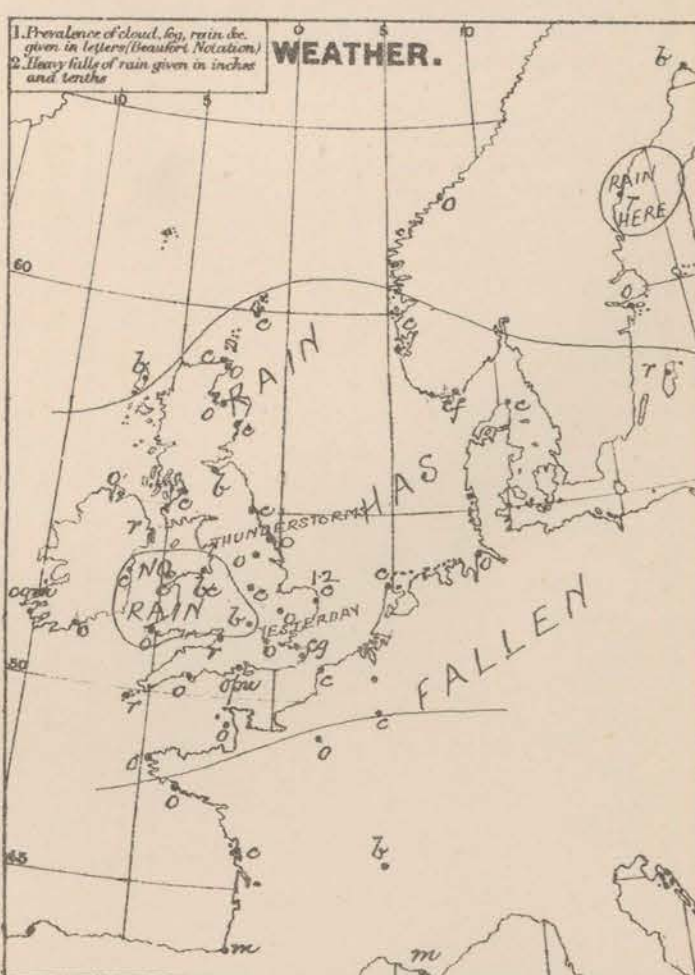
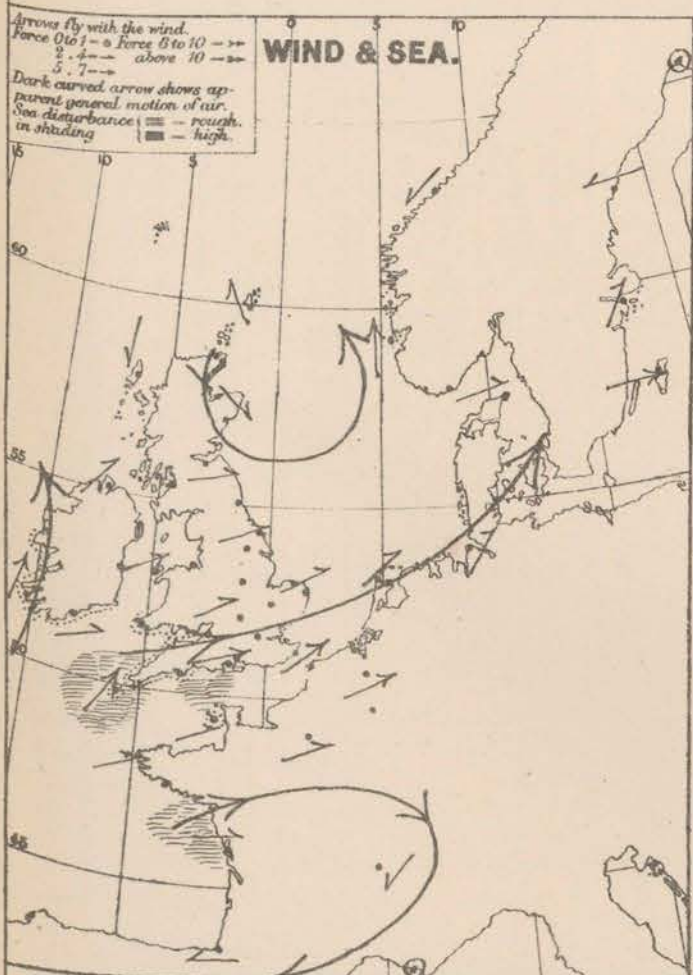
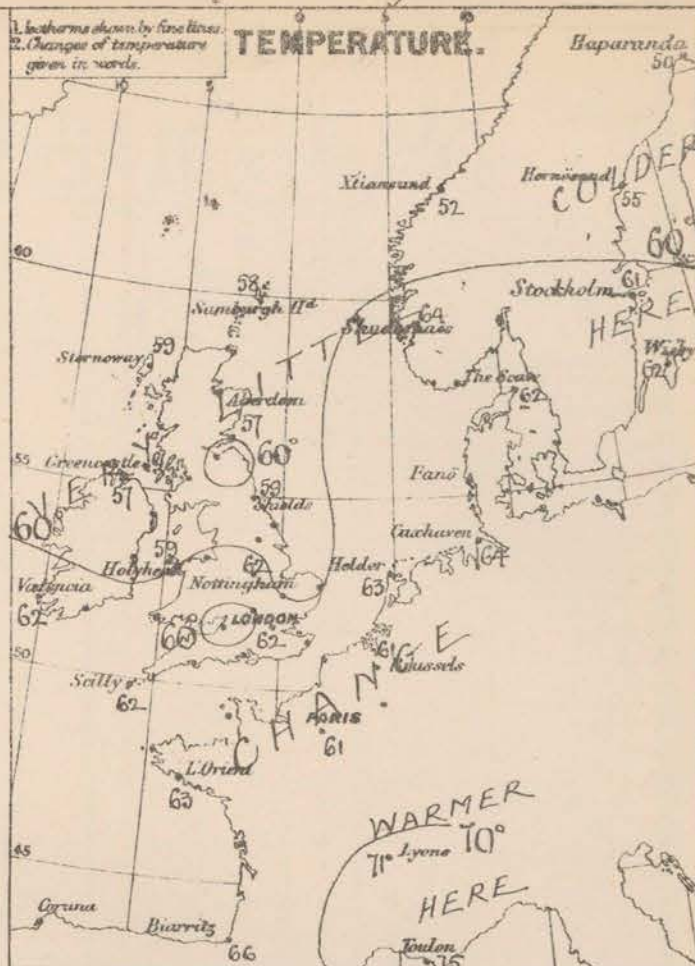
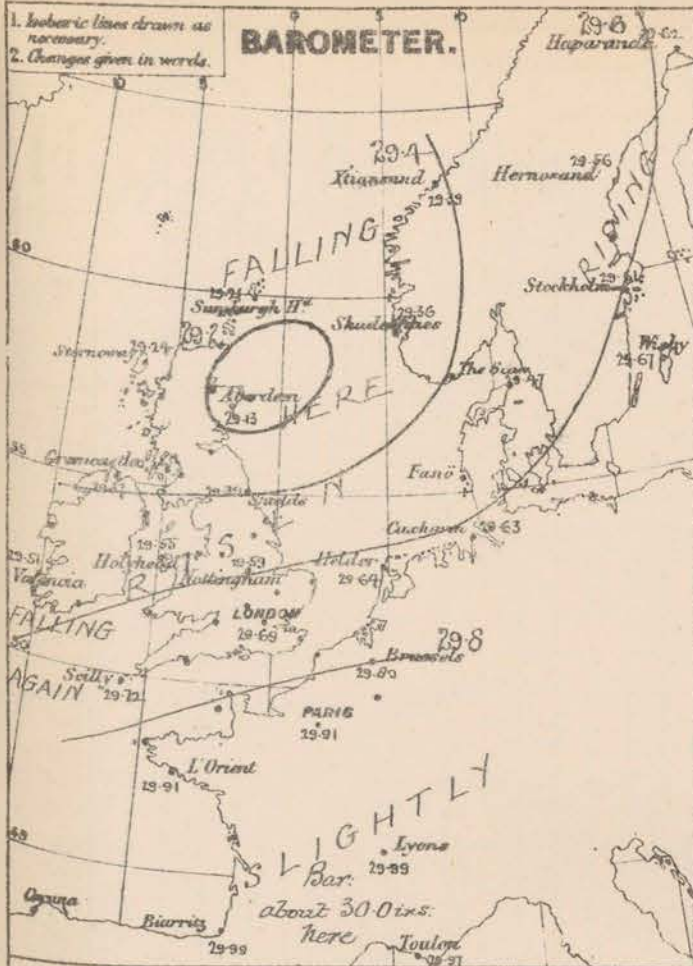
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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

WEATHER CHARTS for 8 a.m. on Tuesday 13 August 1878.



Note: A dotted line is drawn round the coast where the signals are out of use.

REMARKS. Weather over the United Kingdom though clear in a few places is very much disturbed. In most places the sky is overcast, at some stations rain is falling, and at others the appearance of the sky is threatening. Rain fell at nearly all our stations yesterday, but the heaviest fall (12 ins) occurred at Yarmouth in the afternoon, where a severe thunderstorm was experienced. Thunderstorms of less violence occurred also at Cambridge and in London. The temperature shows no important change. Moist after passing to W generally is backing again over Ireland and England, and is fresh from SW at Valentia. A strong WSW breeze is blowing in the Channel, and rather fresh wind from the same quarter in the most N parts of England. In Scotland the wind is light from the N, in the north of a depression whose centre lies near Aberdeen. Baric range in the Channel moderate in the W, slight in the E.

Barometrical Indications. The barometer is very unsteady. The highest reading (about 30.0 ins) is reported from the S half of France, the lowest (about 29.1 ins) from the E of Scotland, so that gradients for W and SW winds are rather steep. In the morning a fresh fall of the mercury has commenced in Ireland, and appears likely to spread.

Samings. The following has been sent to our W. coasts. "Barometer falling Ireland, look out for W. gale, Frost South Coast. 10.15 am. Tuesday."

DAILY WEATHER REPORT *AUGUST 14th 1878.*

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|------------------------|------------------------------------|-----------------|-------|-------------------|----------|------------------------------------|----------------|------|---------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|----------------|--|--|
| | Barometer at 20° F. and Sea Level. | Temp. in shade. | 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 between dry and wet. | Dir. | Force. (0 to 12.) | | | Max. | Min. | | | | |
| Haparanda ... | 29.54 | 54 | SH | 2 | 0 | 29.44 | -18 | 53 | 53 | + 3 | X | 0 | T | * | 61 | 48 | - | | |
| Hernösand ... | 29.46 | 59 | SSE | 2 | 0 | 29.32 | -24 | 60 | 59 | + 5 | E | 4 | C | * | * | * | 0.16 | | |
| Stockholm ... | 29.49 | 60 | SSH | 4 | 0 | 29.42 | -19 | 64 | 60 | + 3 | SH | 2 | 0C | * | * | * | 0.12 | | |
| Wisby ... | 29.58 | 62 | SSH | 8 | 0C | 29.50 | -17 | 62 | 59 | - 1 | W | 8 | 0 | * | * | * | 0.32 | | |
| Christiansund ... | 29.31 | 57 | NE | 1 | 0 | 29.21 | -18 | 50 | 50 | + 1 | SSH | 1 | T | 1 | 61 | 48 | 0.20 | | |
| Skudeansnes ... | 29.24 | 58 | SSE | 6 | 0 | 29.16 | -20 | 60 | 56 | - 4 | SH | 6 | 0 | 5 | 64 | 59 | - | | |
| Oxö (Klensand) ... | 29.38 | 59 | SSH | 4 | 0C | 29.28 | -14 | 61 | 57 | - 1 | SSH | 4 | C | 3 | 66 | 52 | 0.20 | | |
| Skagen (The Seal) ... | 29.47 | 60 | SSH | 3 | 0 | 29.34 | -13 | 59 | 58 | - 3 | SH | 4 | C | 4 | 68 | 54 | 0.12 | | |
| Fanö ... | 29.53 | 62 | SSH | 5 | 0 | 29.33 | -18 | 62 | 61 | - 5 | SSH | 6 | C | * | 68 | 61 | 0.24 | | |
| Cuxhaven ... | 29.67 | 65 | SH | 3 | T | 29.46 | -17 | 60 | 59 | - 4 | S | 2 | T | * | 66 | 55 | 0.13 | | |
| Sumburgh Head ... | 29.16 | 58 | NW | 1 | W | 29.25 | + 04 | 57 | 56 | - 1 | NNE | 2 | C | 2 | 65 | 49 | - | | |
| Stornoway ... | 29.29 | 63 | NW | 3 | 0 | 29.32 | + 08 | 58 | 56 | - 1 | NNE | 5 | C | 4 | 63 | 48 | - | | |
| Thurso ... | 29.29 | 59 | NW | 2 | 0 | 29.30 | + 09 | 58 | 56 | - 2 | N | 1 | C | 3 | 67 | 54 | 0.09 | | |
| Wick ... | 29.29 | 59 | NE | 2 | 0 | 29.29 | + 09 | 56 | 54 | - 1 | NE | 2 | 0C | 0 | 64 | 50 | - | | |
| Nairn ... | 29.52 | 58 | Z | 0 | 0 | 29.30 | + 10 | 54 | 51 | - 2 | W | 1 | 0 | 0 | 62 | 47 | 0.17 | | |
| Aberdeen ... | 29.31 | 62 | NNW | 2 | 0C | 29.29 | + 16 | 57 | 54 | 0 | NW | 3 | 0 | 1 | 65 | 47 | 0.08 | | |
| Leith ... | 29.33 | 63 | SSH | 4 | 0 | 29.28 | + 02 | 57 | 55 | - 4 | W | 1 | 0 | * | 65 | 49 | - | | |
| Shields ... | 29.42 | 62 | NNW | 2 | 0C | 29.26 | - 13 | 59 | 57 | 0 | N | 3 | 0 | 2 | 64 | 55 | 0.05 | | |
| Scarborough ... | 29.48 | 60 | SH | 3 | 0 | 29.21 | - 27 | 60 | 59 | + 1 | NNW | 1 | T | 2 | 68 | 58 | 0.79 | | |
| York ... | 29.49 | 59 | SSH | 1 | T | 29.21 | - 30 | 58 | 58 | - 1 | W | 1 | T | * | 66 | 56 | 1.26 | | |
| Nottingham ... | 29.54 | 63 | SH | 4 | T | 29.25 | - 34 | 60 | 59 | - 2 | W | 6 | T | * | 73 | 53 | 0.87 | | |
| Androsen ... | 29.36 | 61 | SH | 3 | 0 | 29.29 | - 04 | 58 | 56 | - 1 | NW | 2 | 0 | 1 | 65 | 55 | - | | |
| Greencastle ... | 29.35 | 59 | ENE | 2 | 0 | 29.34 | - 03 | 59 | 57 | + 2 | N | 2 | C | * | 68 | 54 | 0.08 | | |
| Donaghadee ... | 29.39 | 64 | SSH | 5 | T | 29.33 | - 09 | 57 | 57 | + 1 | NNW | 2 | 0C | 2 | 67 | 55 | 0.08 | | |
| Kingstown ... | 29.38 | 64 | SSE | 2 | T | 29.34 | - 19 | 61 | 59 | + 2 | NW | 4 | C | 4 | 67 | 58 | 1.77 | | |
| Holyhead ... | 29.43 | 61 | SSH | 3 | T | 29.31 | - 24 | 60 | 59 | + 1 | NNW | 3 | W | 2 | 64 | 58 | 0.96 | | |
| Liverpool (Biston) ... | 29.45 | 60 | SH | 1 | T | 29.26 | - 27 | 59 | 59 | - 3 | W | 6 | T | 5 | 63 | 58 | 0.98 | | |
| Valencia ... | 29.33 | 62 | SSH | 4 | 0 | 29.30 | - 01 | 61 | 60 | - 1 | NNW | 3 | C | 3 | 63 | 59 | 0.23 | | |
| Roche's Point ... | 29.40 | 61 | S | 5 | T | 29.45 | - 14 | 62 | 58 | 0 | NNW | 5 | 0C | 4 | 65 | 58 | 0.38 | | |
| Pembroke ... | 29.47 | 60 | S | 5 | T | 29.38 | - 26 | 61 | 59 | 0 | W | 6 | 0 | 4 | 64 | 59 | 0.69 | | |
| Portishead ... | 29.56 | 63 | SH | 4 | 0 | 29.39 | - 28 | 62 | 61 | + 3 | SSH | 6 | T | 5 | 68 | 56 | 0.83 | | |
| Scilly ... | 29.57 | 62 | SSH | 7 | T | 29.53 | - 19 | 63 | 62 | + 1 | W | 5 | C | 5 | 64 | 61 | 0.31 | | |
| Plymouth ... | 29.59 | 61 | S | 5 | 0 | 29.48 | - 25 | 63 | 62 | + 1 | SSH | 5 | C | * | 65 | 60 | 0.94 | | |
| Hurst Castle ... | 29.67 | 64 | SSH | 7 | 0 | 29.36 | - 36 | 66 | 64 | + 3 | W | 7 | 0C | 7 | 66 | 60 | 0.50 | | |
| Dover ... | 29.71 | 62 | SSH | 5 | 0 | 29.33 | - 42 | 65 | 63 | + 4 | SSH | 5 | 0C | 4 | 65 | 60 | 0.24 | | |
| London ... | 29.65 | 64 | SSH | 4 | 0 | 29.32 | - 37 | 65 | 61 | + 3 | SSH | 5 | 0C | * | 68 | 58 | 0.36 | | |
| Oxford ... | * | * | * | * | * | 29.33 | - 34 | 65 | 61 | + 5 | W | 7 | 0C | * | 67 | 58 | 0.63 | | |
| Cambridge ... | 29.59 | 65 | SH | 3 | 0 | 29.25 | - 40 | 65 | 63 | + 5 | SH | 3 | T | * | 69 | 57 | 0.59 | | |
| Yarmouth ... | 29.63 | 65 | SSH | 4 | C | 29.20 | - 44 | 64 | 62 | + 4 | W | 5 | C | 3 | 68 | 56 | 0.44 | | |
| The Helder ... | * | * | * | * | * | 29.22 | - 42 | 60 | 59 | - 3 | SSE | 4 | T | * | * | * | 0.16 | | |
| Cape Gris Nez ... | 29.73 | 63 | SH | 7 | T | 29.40 | - 37 | 63 | 63 | 0 | SSH | 8 | T | 7 | 64 | 57 | 0.32 | | |
| Jersey ... | 29.76 | 62 | SH | 4 | T | 29.58 | - 28 | 63 | 62 | + 1 | W | 6 | 0 | 6 | 67 | 60 | 0.29 | | |
| Brest ... | 29.76 | ? | SH | 5 | T | 29.68 | - 22 | 63 | 63 | 0 | W | 4 | f | 5 | 64 | 59 | 0.24 | | |
| L'Orient ... | 29.83 | 64 | SSH | 5 | T | 29.70 | - 21 | 64 | 64 | + 1 | W | 5 | T | 4 | 72 | 52 | 0.43 | | |
| Rochefort ... | 29.95 | 70 | SSH | 4 | C | 29.82 | - 15 | 68 | 66 | + 2 | W | 6 | T | 4 | 88 | 61 | - | | |
| Biarritz ... | 29.92 | 72 | NNE | 4 | C | 29.96 | - 03 | 72 | 68 | + 6 | SH | 3 | 0 | 3 | 82 | 64 | - | | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels ... | * | * | * | * | * | 29.41 | - 39 | 63 | 61 | + 2 | SH | 6 | 0 | * | 67 | 59 | 0.04 | | |
| Charleville ... | * | * | * | * | * | 29.51 | - 30 | 60 | * | + 1 | SSH | 3 | 0C | * | * | * | * | | |
| Paris ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Lyons ... | * | * | * | * | * | 29.89 | - 10 | 73 | * | + 2 | SE | 2 | 0 | * | * | * | * | | |
| Toulon ... | 29.95 | 73 | W | 3 | 0 | 29.95 | - 02 | 70 | 70 | - 5 | SH | 1 | W | 2 | 84 | ? | - | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | |
|-----------------|-------|------|------|-------|------|------|----------------|-------|------|------|-------|------|------|---|
| Skudesnesse ... | 29.27 | 61 | 58 | SSE | 7 | 5 | Valencia | 29.41 | 63 | 62 | SSH | 5 | 0C | 5 |
| Thurso | 29.27 | 64 | 59 | NW | 2 | 3 | Scilly | 29.61 | 62 | 61 | SH | 6 | 0C | 5 |
| Scarborough ... | 29.48 | 66 | 59 | SSH | 4 | 3 | London | 29.69 | 67 | 62 | SH | 4 | 0 | * |
| Greencastle ... | 29.38 | 66 | 58 | W | 2 | 0 | Rocheport ... | 29.95 | 70 | 66 | SSH | 4 | C | 3 |
| Holyhead | 29.52 | 61 | 60 | SSH | 3 | 2 | | | | | | | | |

Pressure continues to decrease in Ireland and the change has now extended to Wales, but the winds reported show no alteration from those prevailing at 8 a.m.

EXPLANATION OF COLUMNS.

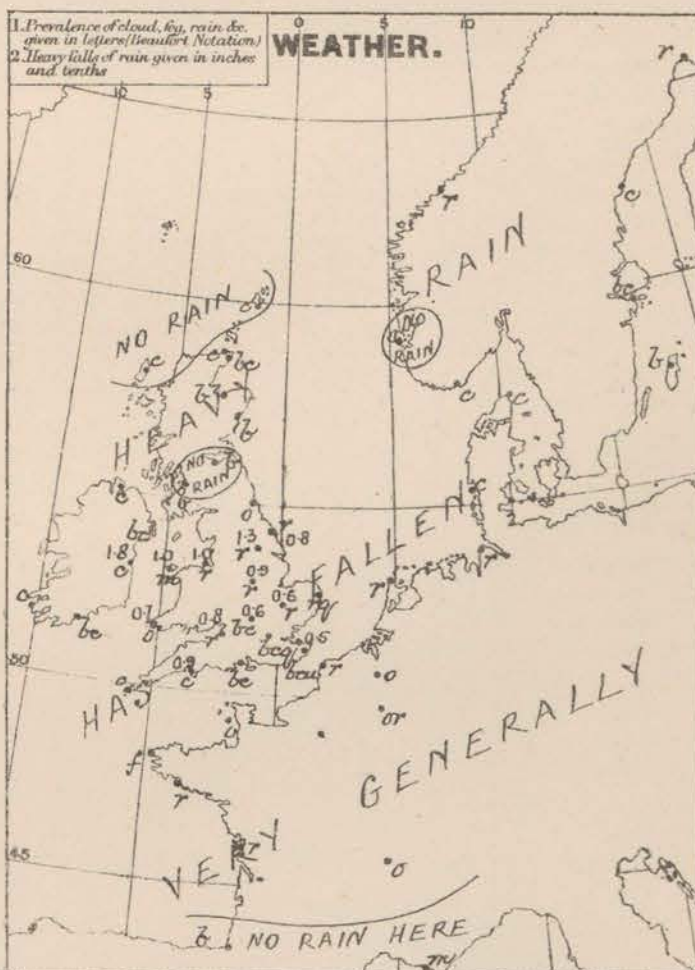
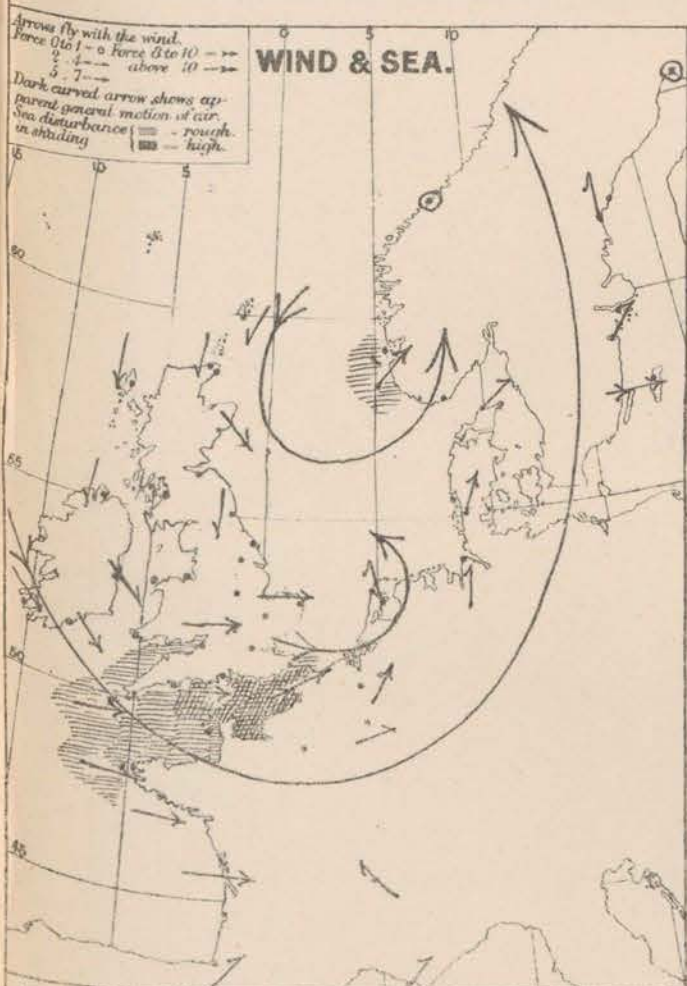
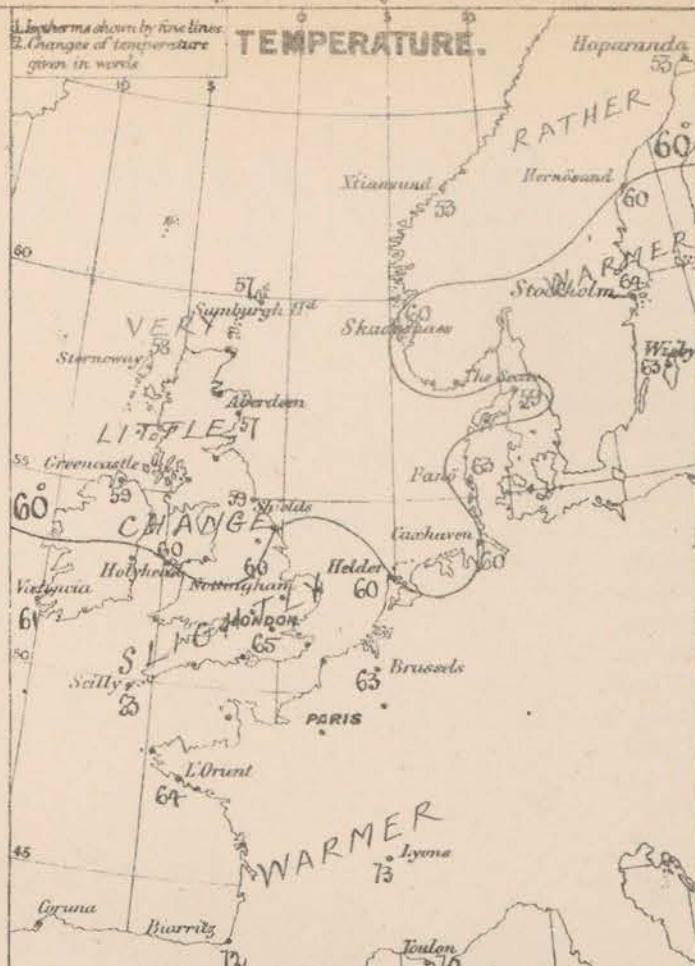
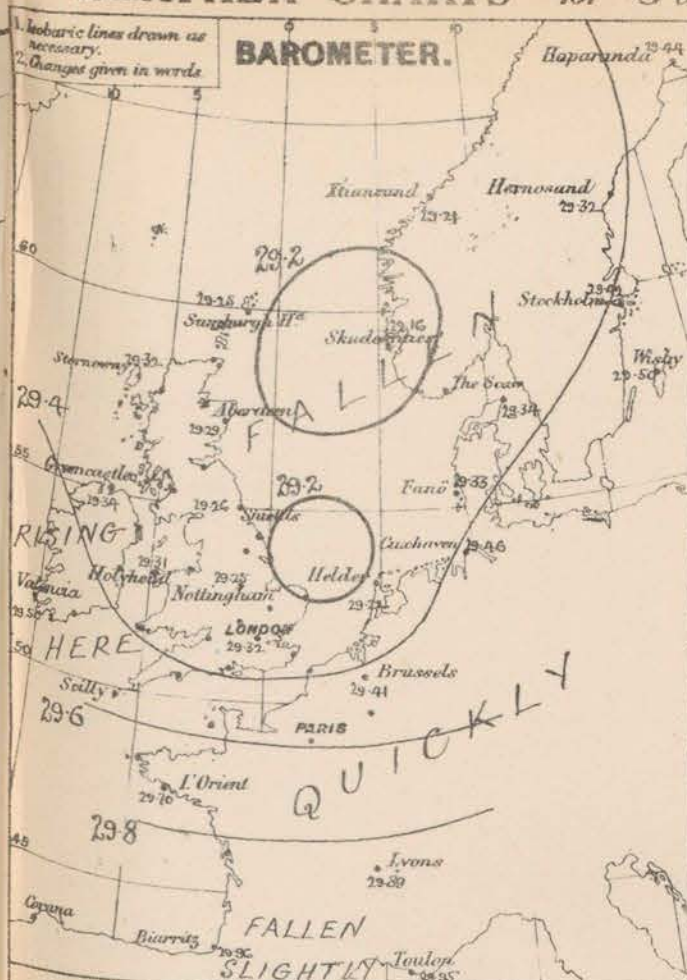
WEATHER.—Scarcely level is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 5 p.m. in our Islands, at 8 p.m. (Christiania, Stockholm, Sweden, Norway, and Denmark, and at 7 p.m. (Paris) in France.

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 14th August 1878.*



REMARKS Weather is cloudy equally and wet over France, Holland, and the greater part of England, but is improving in the W. and N. of our Islands, though the sky is still rather cloudy in most places. Rain has fallen in large quantities over England and Ireland, but less heavily in Scotland. The largest amounts measured this morning are 1.8 in. at Margate, 1.3 in. at York, nearly an inch at the Shrods and Epoke, 0.9 in. at Plymouth, and Nottingham, and from 0.5 in. to 0.8 in. in several other places. Thunder occurred at Ramsgate yesterday afternoon. Temperature shows little change. Wind is light to moderate from the N^W in Scotland, light to fresh from NW in Ireland, strong to a gale from W. in the Channel, France and S. of England, strong for W. at Bristol, and fresh from SW in Plymouth and Norway. A moderate to fresh gale from the W^W has been felt in the SW. and during the night. Sea runs high in the Channel, but is not so much disturbed elsewhere.

Barometrical Indications. The depression, the centre of which lay over Aberdeen yesterday, has now reached the W. of Norway, and during the night another disturbance has travelled quickly across England from the W^W which now lies a little to the NE. of the Norfolk coast. The barometer is correspondingly rising briskly in the W. and S. and the change is spreading quickly, but the appearance is not settled.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT August 15th 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 24 HOURS. | | |
|------------------------|--------------------------------|-----------------|-------|-------------------|----------|--|----------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|----------------|--|--|
| | Barometer at 32° F. Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer Reading at 32° F. and Sea Level. | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9.) | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Dir. | Force. (0 to 15.) | | | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 15.) | | | Max. | Min. | | | | |
| Helsingfors ... | 29.22 | 54 | Z | 0 | 0 | 29.29 | -18 | 55 | 55 | +2 | Z | 0 | 0 | * | 59 | 48 | 0.67 | | |
| Hernösand ... | 29.23 | 59 | Z | 0 | 0 | 29.17 | -18 | 56 | 54 | -4 | Z | 0 | 0 | * | * | * | 0.24 | | |
| Stockholm ... | 29.26 | 62 | S | 4 | 0 | 29.08 | -34 | 58 | 57 | -6 | NE | 6 | 0 | * | * | * | 0.12 | | |
| Widby ... | 29.26 | 65 | WNN | 6 | 0 | 29.04 | -46 | 64 | 62 | +1 | W | 6 | 0 | * | * | * | 0.20 | | |
| Christiansund ... | 29.21 | 55 | NNN | 1 | 0 | 29.29 | +08 | 52 | 51 | -1 | NNN | 2 | 0 | * | 57 | 50 | 0.24 | | |
| Skudeenæs ... | 29.21 | 58 | NNN | 4 | 0 | 29.32 | +16 | 60 | 56 | 0 | NNN | 5 | 0 | * | ? | 57 | - | | |
| Oxö (Stiansand) ... | 29.79 | 63 | WNN | 4 | 0 | 29.26 | -02 | 60 | 58 | -1 | WNN | 4 | 0 | * | 66 | 52 | - | | |
| Skagen (The Sea) ... | 29.16 | 59 | NN | 2 | 0 | 29.23 | -11 | 62 | 59 | +3 | NNN | 3 | 0 | * | ? | 52 | 0.83 | | |
| Fanö ... | 29.26 | 59 | NN | 6 | 0 | 29.42 | +09 | 63 | 58 | 0 | NNN | 6 | 0 | * | 63 | 57 | 0.63 | | |
| Cuxhaven ... | 29.15 | 62 | NNN | 8 | 0 | 29.52 | +06 | 65 | 62 | +5 | NN | 4 | 0 | * | 66 | 59 | 0.58 | | |
| Sumburgh Head ... | 29.38 | 55 | NNE | 4 | 0 | 29.50 | +25 | 53 | 49 | -4 | NNE | 3 | 0 | * | 61 | 48 | - | | |
| Stornoway ... | 29.43 | 57 | ENE | 4 | 0 | 29.50 | +18 | 59 | 57 | +1 | NE | 6 | 0 | * | 60 | 50 | 0.20 | | |
| Thurso ... | 29.43 | 59 | N | 2 | 0 | 29.54 | +24 | 56 | 52 | -2 | NE | 2 | 0 | * | 68 | 53 | 0.02 | | |
| Wick ... | 29.43 | 57 | NE | 2 | 0 | 29.52 | +23 | 56 | 55 | 0 | NE | 2 | 0 | * | 65 | 54 | 0.08 | | |
| Nairn ... | 29.42 | 59 | NNN | 1 | 0 | 29.49 | +19 | 54 | 53 | 0 | ENE | 2 | 0 | * | 60 | 52 | 0.03 | | |
| Aberdeen ... | 29.41 | 63 | N | 1 | 0 | 29.50 | +21 | 56 | 54 | -1 | NE | 1 | 0 | * | 65 | 55 | 0.07 | | |
| Leith ... | 29.37 | 67 | W | 1 | 0 | 29.46 | +18 | 57 | 54 | 0 | WNN | 1 | 0 | * | 69 | 49 | - | | |
| Shields ... | 29.43 | 59 | SSE | 2 | 0 | 29.50 | +24 | 60 | 55 | +1 | NN | 1 | 0 | * | 63 | 50 | - | | |
| Scarborough ... | 29.47 | 59 | E | 1 | 0 | 29.52 | +31 | 64 | 60 | +4 | WNN | 2 | 0 | * | 64 | 55 | 0.09 | | |
| York ... | 29.46 | 60 | W | 1 | 0 | 29.54 | +33 | 58 | 56 | 0 | S | 1 | 0 | * | ? | 57 | 0.09 | | |
| Nottingham ... | 29.52 | 66 | WNN | 2 | 0 | 29.57 | +32 | 60 | 61 | +5 | WNN | 3 | 0 | * | 67 | 52 | 0.22 | | |
| Ardrossan ... | 29.42 | 65 | NNN | 3 | 0 | 29.46 | +17 | 54 | 52 | -4 | NE | 2 | 0 | * | 67 | 50 | - | | |
| Greencastle ... | 29.47 | 61 | NN | 2 | 0 | 29.43 | +09 | 56 | 56 | -3 | ENE | 1 | 0 | * | 65 | 57 | 0.38 | | |
| Donaghadee ... | 29.48 | 60 | NN | 3 | 0 | 29.48 | +15 | 60 | 59 | +3 | W | 3 | 0 | * | 64 | 55 | 0.02 | | |
| Kingstown ... | 29.52 | 67 | W | 2 | 0 | 29.54 | +20 | 60 | 55 | -1 | WNN | 3 | 0 | * | 67 | 57 | 0.09 | | |
| Holyhead ... | 29.53 | 63 | SW | 2 | 0 | 29.53 | +22 | 59 | 58 | -1 | WNN | 3 | 0 | * | 66 | 58 | 0.04 | | |
| Liverpool (Heddon) ... | 29.51 | 62 | W | 2 | 0 | 29.53 | +27 | 61 | 58 | +2 | WNN | 3 | 0 | * | 65 | 58 | 0.07 | | |
| Valencia ... | 29.58 | 65 | WNN | 3 | 0 | 29.51 | +01 | 59 | 57 | -2 | WNN | 1 | 0 | * | 67 | 54 | 0.31 | | |
| Roche's Point ... | 29.58 | 63 | W | 5 | 0 | 29.56 | +11 | 60 | 57 | -2 | W | 1 | 0 | * | 68 | 55 | 0.24 | | |
| Pembroke ... | 29.58 | 62 | WNN | 3 | 0 | 29.58 | +20 | 61 | 58 | 0 | SW | 1 | 0 | * | 63 | 58 | 0.02 | | |
| Portishead ... | 29.55 | 64 | W | 5 | 0 | 29.61 | +22 | 62 | 59 | 0 | SW | 3 | 0 | * | 69 | 56 | 0.04 | | |
| Scilly ... | 29.69 | 64 | WNN | 5 | 0 | 29.64 | +11 | 66 | 63 | +3 | WNN | 5 | 0 | * | 66 | 59 | 0.01 | | |
| Plymouth ... | 29.65 | 66 | W | 4 | 0 | 29.65 | +17 | 62 | 59 | -1 | WNN | 4 | 0 | * | 71 | 59 | - | | |
| Hurst Castle ... | 29.58 | 67 | W | 5 | 0 | 29.66 | +30 | 65 | 62 | -1 | WNN | 4 | 0 | * | 69 | 60 | 0.02 | | |
| Dover ... | 29.52 | 66 | W | 4 | 0 | 29.66 | +33 | 65 | 62 | 0 | WNN | 2 | 0 | * | 70 | 59 | - | | |
| London ... | 29.52 | 71 | W | 3 | 0 | 29.62 | +31 | 63 | 60 | -2 | WNN | 2 | 0 | * | 74 | 56 | 0.09 | | |
| Oxford ... | 29.54 | 67 | W | 3 | 0 | 29.62 | +29 | 62 | 59 | -3 | SW | 2 | 0 | * | 71 | 57 | 0.02 | | |
| Cambridge ... | 29.49 | 67 | N | 1 | 0 | 29.60 | +35 | 63 | 61 | -2 | SW | 1 | 0 | * | 71 | 56 | 0.25 | | |
| Yarmouth ... | 29.49 | 62 | NNN | 2 | 0 | 29.60 | +40 | 62 | 61 | -2 | WNN | 2 | 0 | * | 67 | 55 | 0.19 | | |
| The Helder ... | * | * | * | * | * | 29.59 | +37 | 63 | 60 | +3 | WNN | 1 | 0 | * | * | * | 0.31 | | |
| Cape Gris Nez ... | 29.56 | 64 | WNN | 7 | 0 | 29.67 | +27 | 63 | 61 | 0 | WNN | 4 | 0 | * | 66 | 57 | - | | |
| Jersey ... | 29.73 | 64 | NNN | 6 | 0 | 29.74 | +16 | 62 | 60 | -1 | WNN | 4 | 0 | * | 67 | 59 | - | | |
| Brest ... | 29.84 | ? | NN | 3 | 0 | 29.80 | +12 | 61 | 59 | -2 | WNN | 3 | 0 | * | 66 | 59 | - | | |
| L'Orient ... | 29.83 | 64 | NNN | 4 | 0 | 29.75 | +05 | 63 | 61 | -1 | SW | 1 | 0 | * | 72 | 57 | 0.04 | | |
| Rochefort ... | 29.91 | 70 | W | 4 | 0 | 29.85 | +03 | 66 | 64 | -2 | SW | 3 | 0 | * | 84 | 61 | 0.63 | | |
| Biarritz ... | 29.97 | 75 | Z | 0 | 0 | 29.85 | -11 | 70 | 66 | -2 | ENE | 2 | 0 | * | 84 | 64 | - | | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels ... | * | * | * | * | * | 29.69 | +28 | 63 | 60 | 0 | WNN | 3 | 0 | * | 73 | 60 | 0.04 | | |
| Charleville ... | * | * | * | * | * | 29.72 | +21 | 59 | * | -1 | W | 1 | 0 | * | * | * | * | | |
| Paris ... | 29.69 | 66 | W | 3 | 0 | 29.75 | +19 | 63 | 60 | -1 | WNN | 3 | 0 | * | * | * | 0.24 | | |
| Lyons ... | * | * | * | * | * | ? | ? | 75 | * | +2 | SE | 2 | 0 | * | * | * | * | | |
| Toulon ... | 29.90 | 73 | SW | 3 | 0 | 29.84 | -11 | 75 | 68 | +5 | W | 4 | 0 | * | 79 | 70 | - | | |

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

| Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. |
|-----------------|-------|------|-------|------|------|---------------|-------|------|-------|------|------|
| Skudenes ... | 29.13 | 60 | 57 | WNN | 4 | Valencia ... | 29.56 | 65 | 62 | WNN | 3 |
| Thurso ... | 29.38 | 65 | 59 | W | 2 | Scilly ... | 29.66 | 66 | 64 | W | 5 |
| Scarborough ... | 29.40 | 62 | 59 | N | 3 | London ... | 29.45 | 73 | 65 | W | 4 |
| Greencastle ... | 29.44 | 63 | 58 | NN | 1 | Rochefort ... | 29.87 | 70 | 68 | W | 7 |
| Holyhead ... | 29.48 | 63 | 61 | NNN | 3 | | | | | | |

EXPLANATION OF COLUMNS.

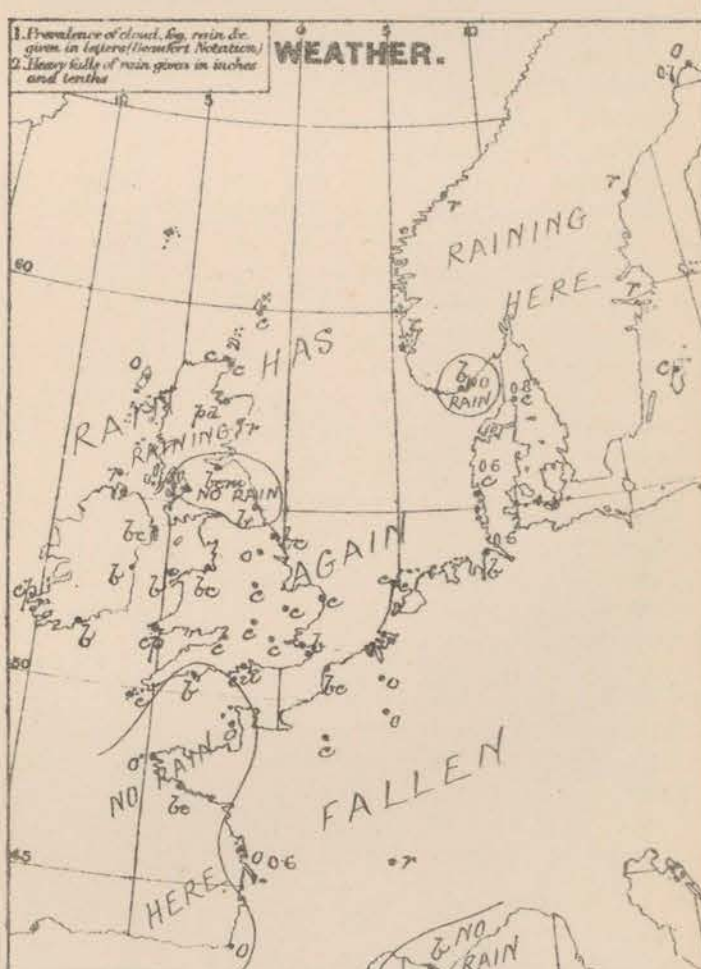
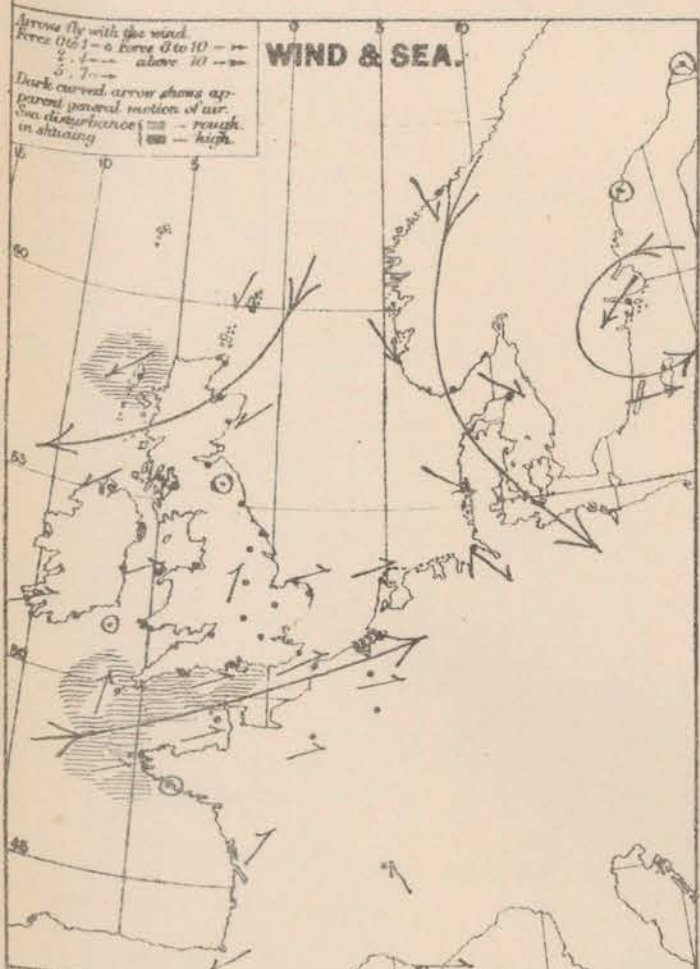
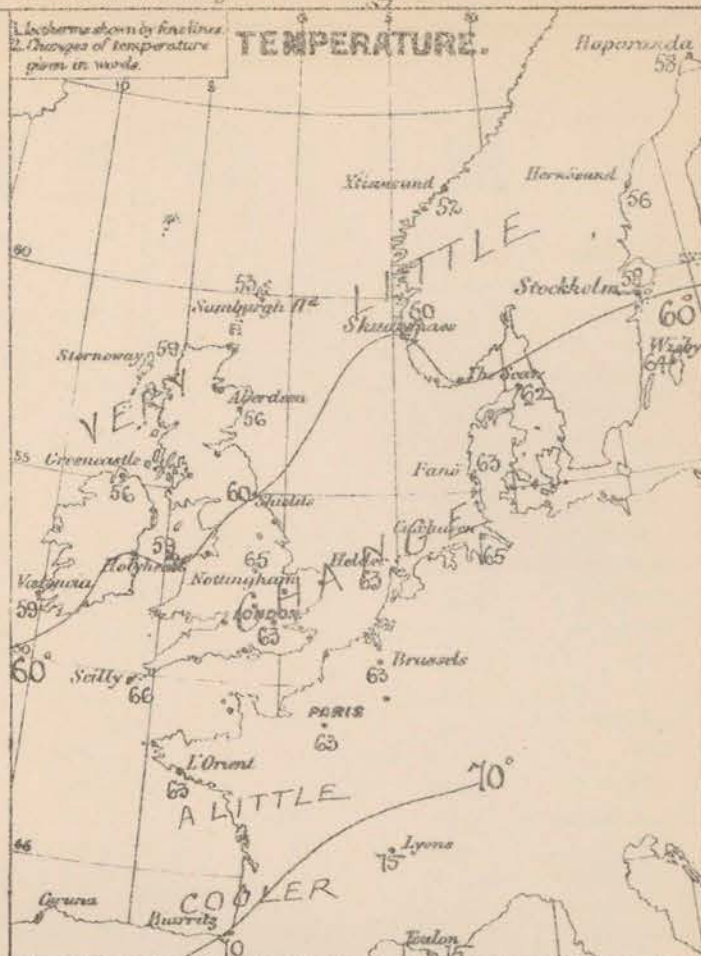
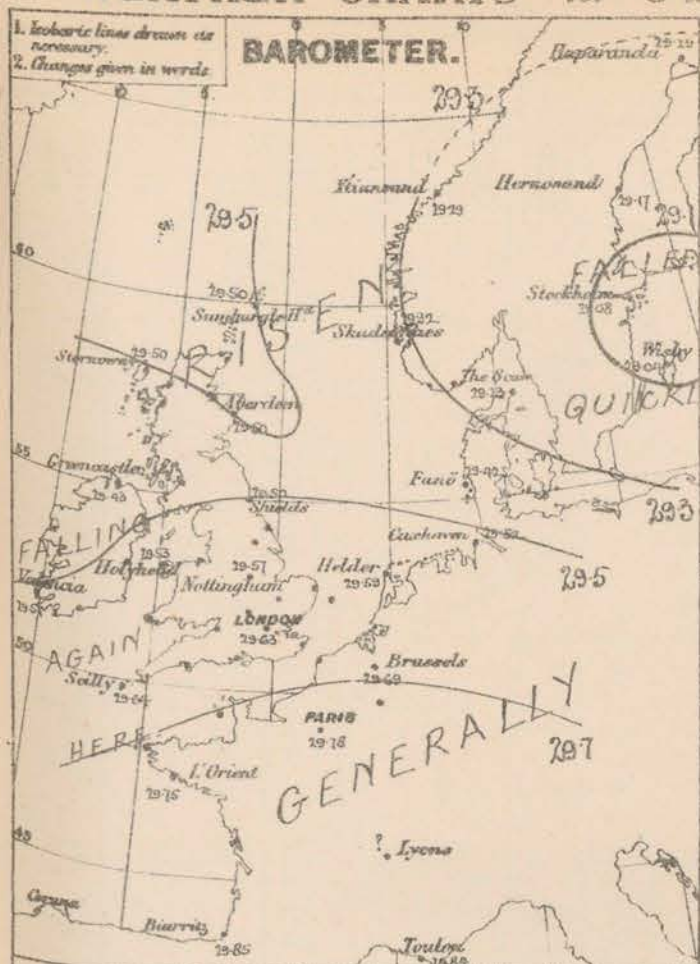
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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 15 August 1878.



REMARKS. Weather though fine at present at several stations, is cloudy or overcast at others and rain is falling in many parts of Scotland and Ireland. Rain fell yesterday over nearly the whole of W. Europe, the heaviest falls being reported from the Danish stations (Slesvig 0.8 in. and Slesvig 0.6 in.). Temperature again shows very little change from that recently experienced. Wind is light from NW at the English and nearly all the Irish stations, but in the N an ENE breeze has set in, which blows strongly at Stornoway. Sea is still rough in the Channel, and also in the Atlantic, moderate to smooth elsewhere.

Barometrical Indications. The depressions noticed in our neighbourhood yesterday have travelled away to the Baltic, and the barometer has risen on all our coasts. During the night, however, a fresh fall has commenced in the W and NW, and further unsettled weather, possibly with thunderstorms is probable.

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

R.H. SCOTT.
Secretary.

DAILY WEATHER REPORT *August 16th 1878.*

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|-------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|------|--|
| | Barometer at 3 p.m. 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 3 p.m. 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 | 29.30 | 56 | Z | 0 | 0 | 29.30 | + .01 | 54 | 53 | - | 1 | NE | 4 | 0 | * | 63 | 50 | 0.12 | |
| Hernösand | 29.22 | 58 | Z | 0 | 0 | 29.35 | + .18 | 54 | 52 | - | 2 | NT | 4 | 0 | * | * | * | 0.07 | |
| Stockholm | 29.20 | 56 | SW | 2 | f | 29.41 | + .33 | 59 | 57 | + | 1 | NT | 4 | 0 | * | * | * | 0.55 | |
| Wisby | 29.24 | 64 | W | 8 | 0 | 29.47 | + .43 | 60 | 57 | - | 4 | W | 8 | 0 | * | * | * | 0.04 | |
| Christiansund | 29.39 | 52 | W | 2 | 0 | 29.42 | + .13 | 52 | 49 | 0 | 0 | SSE | 1 | 0 | 3 | 54 | 46 | 0.04 | |
| Skudesnaes | 29.45 | 55 | NT | 4 | 0 | 29.49 | + .17 | 56 | 57 | - | 4 | NT | 2 | 0 | 1 | 57 | 55 | - | |
| Oxö (Xiänsand) | 29.39 | 62 | W | 4 | 0 | 29.47 | + .21 | 55 | 50 | - | 5 | NT | 4 | 0 | 2 | 66 | 52 | - | |
| Skagen (The Sea) | 29.37 | 60 | W | 7 | 0 | 29.47 | + .24 | 60 | 53 | - | 2 | W | 5 | 0 | 4 | 66 | 54 | - | |
| Panö | 29.54 | 60 | W | 2 | 0 | 29.57 | + .09 | 64 | 62 | + | 1 | S | 4 | 0 | * | 66 | 55 | 0.08 | |
| Cuxhaven | 29.67 | 67 | NT | 1 | 0 | 29.57 | + .05 | 64 | 63 | - | 1 | SSW | 1 | 0 | * | 68 | 57 | - | |
| Sumburgh Head | 29.41 | 52 | NNE | 2 | 0 | 29.52 | + .02 | 57 | 46 | - | 2 | N | 2 | 0 | 2 | 55 | 42 | 0.02 | |
| Stornoway | 29.51 | 53 | NE | 5 | 0 | 29.50 | .00 | 53 | 50 | - | 6 | ENE | 4 | 0 | 5 | 59 | 48 | 0.04 | |
| Thurso | 29.57 | 55 | NE | 1 | 0 | 29.54 | .00 | 52 | 49 | - | 4 | NE | 2 | 0 | 3 | 62 | 50 | 0.01 | |
| Wick | 29.54 | 55 | NE | 2 | 0 | 29.57 | -.01 | 50 | 49 | - | 6 | NE | 3 | 0 | 1 | 60 | 48 | 0.30 | |
| Nairn | 29.52 | 54 | ENE | 1 | f | 29.47 | -.02 | 57 | 57 | - | 3 | ENE | 6 | 0 | 4 | 55 | 50 | 0.95 | |
| Aberdeen | 29.50 | 56 | NE | 1 | 0 | 29.39 | -.11 | 54 | 53 | - | 2 | N | 4 | 0 | 2 | 59 | 57 | 1.06 | |
| Leith | 29.41 | 60 | E | 1 | 0 | 29.35 | -.11 | 56 | 55 | - | 1 | Z | 0 | 0 | * | 68 | 48 | 0.03 | |
| Shields | 29.46 | 59 | SE | 2 | 0 | 29.39 | -.11 | 58 | 55 | - | 2 | SSW | 1 | 0 | 1 | 64 | 57 | 0.04 | |
| Scarborough | 29.48 | 60 | SE | 1 | 0 | 29.40 | -.12 | 60 | 58 | - | 4 | NT | 1 | 0 | 1 | 65 | 56 | - | |
| York | 29.49 | 65 | W | 1 | 0 | 29.40 | -.14 | 58 | 57 | 0 | 0 | N | 1 | 0 | * | 68 | 53 | 0.03 | |
| Nottingham | 29.52 | 62 | NT | 1 | 0 | 29.40 | -.17 | 64 | 62 | - | 1 | SSW | 3 | 0 | * | 73 | 54 | 0.28 | |
| Ardrossan | 29.43 | 60 | NE | 1 | 0 | 29.35 | -.11 | 57 | 55 | + | 3 | NT | 3 | 0 | 2 | 61 | 54 | 0.20 | |
| Greencastle | 29.40 | 56 | NNE | 2 | 0 | 29.41 | -.02 | 55 | 54 | - | 1 | N | 2 | 0 | * | 59 | 53 | 0.46 | |
| Donaghadee | 29.43 | 63 | W | 3 | 0 | 29.41 | -.07 | 56 | 55 | - | 4 | NT | 3 | 0 | 2 | 67 | 55 | 0.03 | |
| Kingstown | 29.46 | 58 | W | 1 | f | 29.44 | -.10 | 56 | 54 | - | 4 | NT | 5 | 0 | 4 | 66 | 54 | 2.28 | |
| Holyhead | 29.48 | 63 | SW | 2 | 0 | 29.41 | -.12 | 60 | 58 | + | 1 | NT | 2 | 0 | 2 | 67 | 57 | 0.02 | |
| Liverpool (Brass) | 29.47 | 62 | W | 1 | 0 | 29.39 | -.14 | 62 | 58 | + | 1 | SW | 1 | 0 | 1 | 68 | 55 | 0.01 | |
| Valencia | 29.46 | 63 | N | 1 | 0 | 29.61 | + .10 | 59 | 53 | 0 | 0 | N | 3 | 0 | 3 | 67 | 56 | 0.01 | |
| Roche's Point | 29.48 | 63 | SW | 2 | 0 | 29.54 | -.02 | 57 | 63 | - | 3 | N | 5 | 0 | 4 | 70 | 56 | - | |
| Pembroke | 29.48 | 62 | SSW | 1 | 0 | 29.43 | -.15 | 60 | 58 | - | 1 | NT | 1 | 0 | 2 | 67 | 55 | 0.13 | |
| Portishend | 29.54 | 65 | NT | 4 | f | 29.39 | -.22 | 60 | 59 | - | 2 | NT | 2 | 0 | 2 | 70 | 55 | 0.10 | |
| Scilly | 29.49 | 61 | S | 4 | 0 | 29.49 | -.15 | 59 | 58 | - | 7 | NT | 5 | 0 | 5 | 67 | 57 | 0.41 | |
| Plymouth | 29.52 | 63 | S | 4 | 0 | 29.43 | -.22 | 60 | 59 | - | 2 | SW | 2 | 0 | * | 70 | 55 | 0.31 | |
| Hurst Castle | 29.60 | 66 | NT | 4 | 0 | 29.41 | -.28 | 60 | 59 | - | 5 | NT | 4 | 0 | 3 | 69 | 58 | 0.36 | |
| Dover | 29.61 | 62 | NT | 2 | 0 | 29.45 | -.21 | 61 | 59 | - | 4 | SW | 2 | 0 | 2 | 68 | 60 | 0.16 | |
| London | 29.59 | 66 | SW | 2 | 0 | 29.43 | -.20 | 63 | 59 | 0 | 0 | S | 2 | 0 | * | 74 | 56 | 0.19 | |
| Oxford | 29.54 | 65 | NT | 2 | 0 | 29.41 | -.21 | 58 | 57 | - | 4 | S | 1 | 0 | * | 70 | 57 | 0.05 | |
| Cambridge | 29.52 | 65 | SW | 1 | 0 | 29.43 | -.17 | 60 | 59 | - | 3 | SE | 1 | 0 | * | 74 | 54 | 0.07 | |
| Yarmouth | 29.54 | 70 | NT | 2 | 0 | 29.45 | -.15 | 61 | 59 | - | 1 | SSE | 3 | 0 | 2 | 71 | 56 | 0.04 | |
| The Hecla | * | * | * | * | * | 29.50 | -.09 | 61 | 60 | - | 2 | S | 1 | 0 | * | * | * | 0.04 | |
| Cape Giroux | 29.62 | 63 | NT | 3 | 0 | 29.48 | -.19 | 63 | 61 | 0 | 0 | SW | 4 | 0 | 2 | 68 | 59 | 0.04 | |
| Jersey | 29.61 | 65 | SW | 2 | 0 | 29.48 | -.26 | 61 | 60 | - | 1 | NT | 5 | 0 | 5 | 68 | 59 | 0.11 | |
| Brest | 29.65 | 68 | SW | 4 | f | 29.56 | -.24 | 61 | 59 | 0 | 0 | NT | 3 | 0 | 5 | 68 | 57 | 0.16 | |
| L'Orient | 29.66 | 66 | SW | 4 | f | 29.55 | -.20 | 63 | 61 | 0 | 0 | W | 5 | 0 | 4 | 72 | 59 | 0.39 | |
| Rochefort | 29.75 | 70 | SW | 4 | 0 | 29.69 | -.16 | 64 | 63 | - | 2 | NT | 4 | 0 | 4 | 67 | 61 | 0.12 | |
| Biarritz | 29.79 | 72 | ENE | 3 | 0 | 29.80 | -.05 | 68 | 64 | - | 2 | SSE | 7 | 0 | 3 | 75 | 63 | 0.79 | |
| Corunna | * | * | * | * | * | 29.91 | ? | 67 | * | - | 3 | W | 6 | 0 | 7 | * | * | * | |
| Brussels | * | * | * | * | * | 29.54 | -.15 | 64 | 61 | + | 1 | S | 4 | 0 | * | 74 | 60 | 0.12 | |
| Charleville | * | * | * | * | * | 29.56 | -.16 | 61 | * | + | 3 | SW | 1 | 0 | * | * | * | * | |
| Paris | 29.67 | 68 | SW | 3 | 0 | 29.60 | -.18 | 65 | 61 | + | 2 | SW | 5 | 0 | * | * | * | 0.04 | |
| Lyons | * | * | * | * | * | 29.74 | ? | 70 | * | - | 5 | SE | 2 | 0 | * | * | * | * | |
| Toulon | 29.76 | 77 | SW | 3 | 0 | 29.78 | -.06 | 72 | 72 | - | 3 | SE | 2 | 0 | 3 | 88 | ? | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.42 | 59 | 53 | NW | 6 | 0 | 3 | Valencia | 29.46 | 65 | 60 | WSW | 1 | cp | 2 |
| Thurso | 29.56 | 58 | 52 | NE | 1 | 0 | 3 | Scilly | 29.56 | 65 | 61 | S | 5 | cp | 4 |
| Scarborough ... | 29.50 | 65 | 61 | WSW | 1 | 0 | 1 | London | 29.60 | 71 | 62 | WSW | 2 | 0 | * |
| Greencastle ... | 29.44 | 56 | 54 | ESE | 2 | f | * | Rochefort ... | 29.83 | 72 | 66 | WSW | 3 | 0 | 3 |
| Holyhead ... | 29.53 | 65 | 62 | SW | 3 | 0 | 2 | | | | | | | | |

The barometer is falling a little in the N. - most in the SW. and S. Southerly winds are reported from our SW stations with showery weather at Scilly and Valencia, and a threatening appearance at Jersey.

EXPLANATION OF COLUMNS.

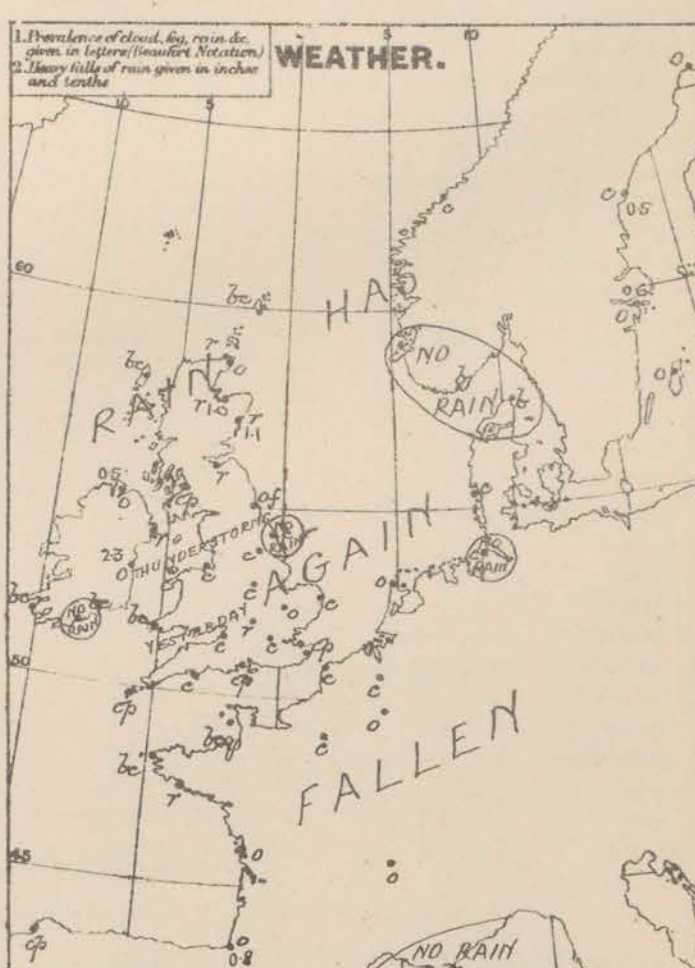
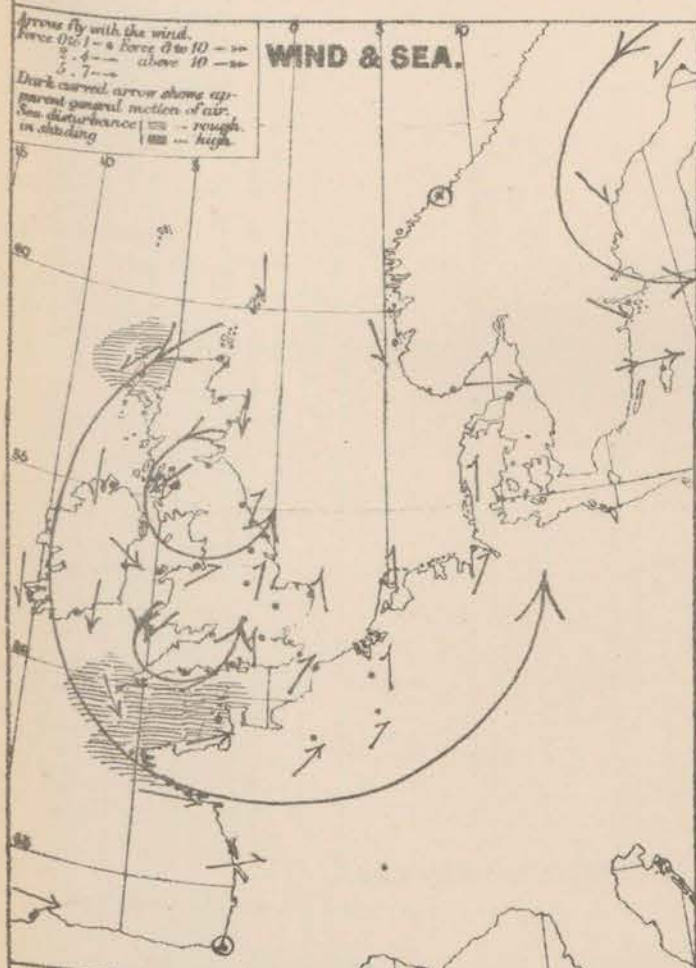
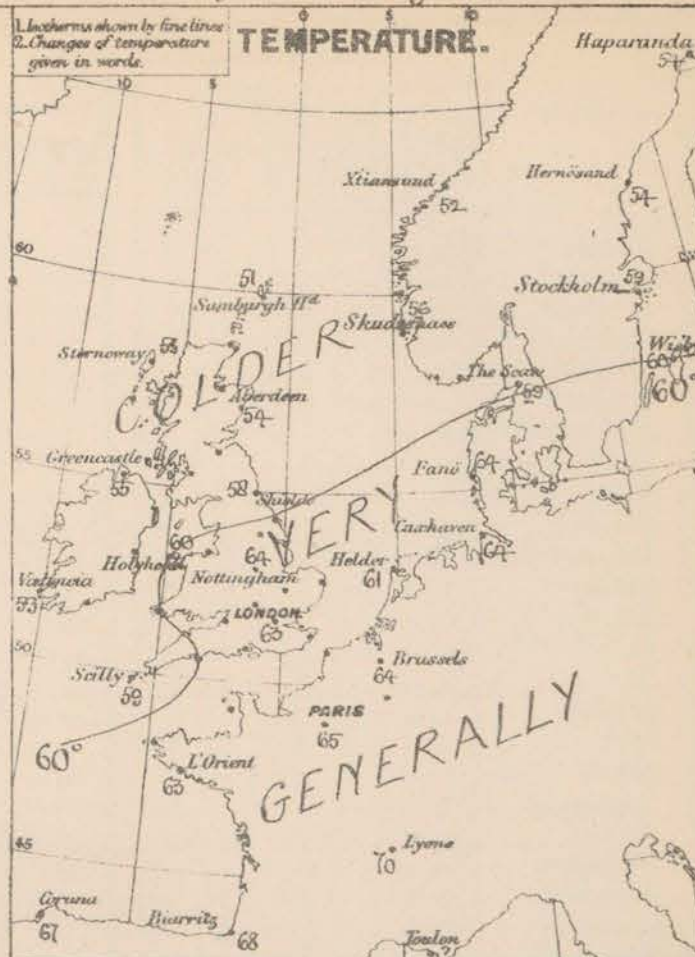
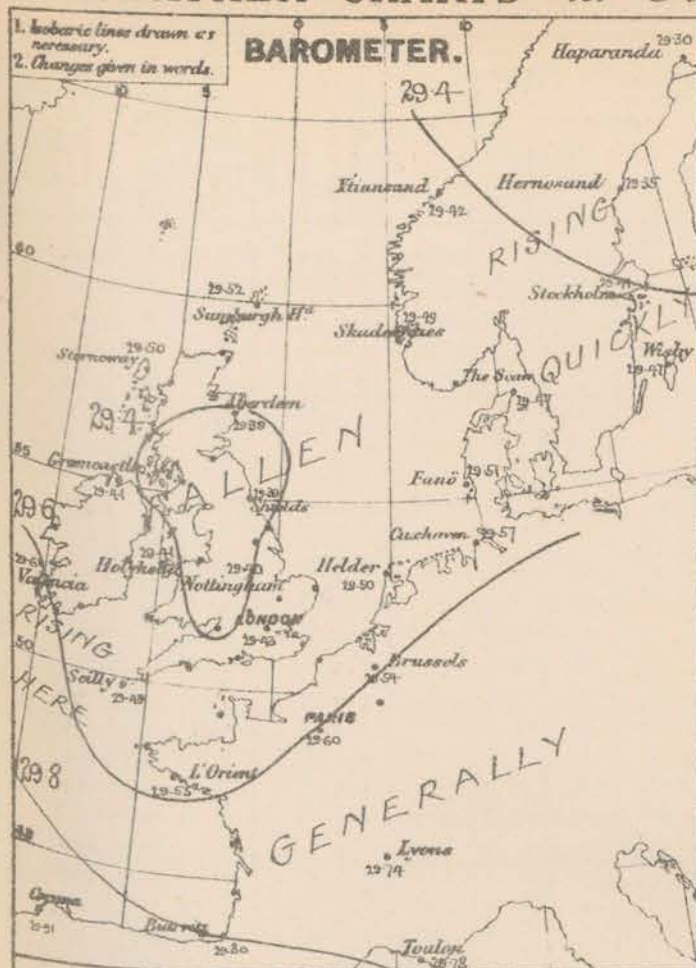
WEATHER. - Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

[The timing 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.

N.B. - The wind is said to "rear" when its direction changes with the sea, and to "back" when it shows a reverse direction.

WEATHER CHARTS for 8 a.m. on Friday 16. Aug^r 1878.



REMARKS. Weather over Great Britain is in a very unsettled rainy condition, but is improving in Ireland and the Hebrides. In Denmark and the S. of Norway it is fine at present. Rain has fallen in all parts of the Kingdom, accompanied by thunder and lightning in several places. The heaviest falls reported are 2.3 in. at Kingstown, 1.1 in. at Abbeville, and one inch at Nairn. Nearly half an inch of rain at Newcastle, and from 0.3 in. to 0.4 in. along our S. coast. Temperature has fallen generally, and is about 65° at the S. and S.E. stations only. In the N. of Scotland it is as low as 50°. Wind is chiefly N.E. in Scotland (and blows strongly at Nairn) N. in Ireland, W. to S.W. in France and the Channel and S. over our E. coasts. Sea is still rather rough in the Channel, moderate to smooth elsewhere.

Barometrical Indications. In the course of the past night a pear-shaped depression has advanced over Great Britain from the W., bringing with it large quantities of rain, thunderstorms, and varying winds. In its rear the weather is clearing up, but at present it has not advanced far enough to say whether the improvement will last long.

DAILY WEATHER REPORT

AUGUST 17th 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS | | |
|---------------------|--------------------------------|------------------|-------|------------------|----------|--------------------------------|----------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|------|---------------------|---------------|--|--|
| | Barometer at 3 p.m. Sea Level. | Therm. in shade. | WIND. | | Weather. | Barometer at 8 a.m. Sea Level. | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9.) | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Dir. | Force (0 to 13). | | | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 13). | | | Max. | Min. | | | | |
| Haparanda | 29.42 | 51 | Z | 0 | o | 29.57 | + .21 | 52 | 50 | - 2 | N | 2 | o | * | 59 | 46 | - | | |
| Hernösand | 29.31 | 57 | Z | 0 | o | 29.50 | + .15 | 55 | 53 | + 2 | Z | 0 | bc | * | * | * | - | | |
| Stockholm | 29.15 | 59 | SE | 2 | o | 29.45 | + .04 | 61 | 60 | + 2 | SE | 4 | o | * | * | * | - | | |
| Wisby | 29.52 | 60 | SSW | 4 | o | 29.45 | - .02 | 63 | 61 | + 3 | SSE | 4 | o | * | * | * | - | | |
| Christiansund | 29.57 | 54 | Z | 0 | o | 29.44 | + .02 | 54 | 51 | + 2 | N | 2 | c | 2 | 55 | 46 | - | | |
| Skudesnaes | 29.41 | 56 | NNW | 4 | o | 29.39 | - .10 | 60 | 54 | + 4 | NNW | 2 | c | 2 | 61 | 57 | 0.08 | | |
| Oxö (Ålensund) | 29.43 | 61 | S | 2 | o | 29.37 | - .10 | 57 | 55 | + 2 | NNW | 2 | c | 2 | 63 | 55 | 1.06 | | |
| Skagen (The Sea) | 29.43 | 61 | Z | 0 | o | 29.37 | - .10 | 62 | 59 | + 2 | Z | 0 | c | 0 | 68 | 55 | - | | |
| Påhø | 29.41 | 61 | SW | 1 | o | 29.38 | - .13 | 60 | 59 | - 4 | SW | 4 | c | * | 68 | 55 | - | | |
| Cuxhaven | 29.49 | 64 | S | 1 | bc | 29.45 | - .12 | 63 | 61 | - 1 | WSW | 6 | o | * | 68 | 57 | 0.13 | | |
| Sumburgh Head | 29.51 | 53 | N | 1 | c | 29.54 | + .02 | 53 | 49 | + 2 | NNW | 2 | o | 1 | 58 | 47 | - | | |
| Stormoray | 29.53 | 54 | NE | 2 | bc | 29.54 | + .04 | 53 | 50 | o | S | 5 | o | 5 | 56 | 40 | 0.05 | | |
| Thurso | 29.53 | 52 | Z | 0 | c | 29.59 | + .05 | 55 | 51 | + 3 | NN | 1 | bc | 3 | 58 | 43 | 0.01 | | |
| Wick | 29.49 | 49 | NN | 2 | r | 29.58 | + .07 | 53 | 51 | + 3 | NN | 1 | bc | 0 | 54 | 39 | 0.14 | | |
| Nairn | 29.53 | 50 | NE | 4 | r | 29.61 | + .14 | 50 | 47 | - 1 | Z | 0 | o | 0 | 52 | 46 | 0.61 | | |
| Aberdeen | 29.42 | 55 | N | 4 | o | 29.59 | + .20 | 53 | 50 | - 1 | NNW | 3 | o | 3 | 58 | 48 | 0.07 | | |
| Leith | 29.39 | 54 | E | 2 | r | 29.61 | + .26 | 53 | 49 | - 3 | WSW | 2 | o | * | 64 | 45 | 0.58 | | |
| Shields | 29.38 | 60 | WSW | 1 | o | 29.64 | + .25 | 54 | 49 | - 4 | NNW | 5 | o | 2 | 63 | 49 | 0.08 | | |
| Scarborough | 29.38 | 58 | SSE | 1 | o | 29.66 | + .26 | 55 | 51 | - 5 | NN | 4 | bc | 3 | 63 | 53 | 0.23 | | |
| York | 29.38 | 61 | SSW | 1 | c | 29.69 | + .29 | 56 | 50 | - 2 | N | 3 | o | * | 67 | 51 | 0.01 | | |
| Nottingham | 29.43 | 62 | E | 3 | o | 29.78 | + .38 | 59 | 56 | - 5 | WSW | 4 | o | * | 72 | 50 | 0.04 | | |
| Ardrossan | 29.42 | 58 | NNW | 2 | c | 29.63 | + .28 | 56 | 52 | - 1 | SW | 2 | bc | 2 | 62 | 48 | - | | |
| Greencastle | 29.55 | 56 | N | 3 | o | 29.60 | + .19 | 54 | 52 | - 1 | SSW | 2 | o | * | 61 | 46 | 0.11 | | |
| Donaghadee | 29.50 | 57 | NN | 4 | o | 29.67 | + .26 | 52 | 51 | - 4 | SW | 3 | o | 2 | 61 | 48 | 0.02 | | |
| Kingstown | 29.59 | 58 | NN | 4 | bc | 29.74 | + .30 | 56 | 53 | o | SW | 2 | cd | 2 | 60 | 51 | 0.08 | | |
| Holyhead | 29.50 | 58 | NNW | 6 | o | 29.76 | + .35 | 57 | 54 | - 3 | WSW | 4 | o | 3 | 62 | 53 | 0.20 | | |
| Liverpool (Bidston) | 29.45 | 59 | NNW | 4 | o | 29.80 | + .41 | 57 | 53 | - 5 | N | 4 | bc | 3 | 64 | 54 | - | | |
| Valencia | 29.76 | 58 | NN | 2 | o | 29.82 | + .21 | 61 | 57 | + 2 | WSW | 5 | ow | 5 | 63 | 53 | 0.10 | | |
| Roche's Point | 29.72 | 60 | N | 5 | bc | 29.83 | + .29 | 59 | 56 | + 2 | N | 4 | c | 3 | 66 | 53 | - | | |
| Pembroke | 29.58 | 58 | NN | 5 | c | 29.86 | + .43 | 60 | 56 | o | WSW | 3 | c | 3 | 61 | 55 | - | | |
| Portishead | | | | | | | | | | | | | | | | | | | |
| Scilly | 29.71 | 61 | NNW | 6 | c | 29.96 | + .47 | 62 | 58 | + 3 | N | 4 | cp | 4 | 63 | 57 | 0.04 | | |
| Plymouth | 29.61 | 61 | NN | 5 | o | 29.93 | + .50 | 57 | 55 | - 3 | NN | 3 | c | * | 67 | 52 | 0.04 | | |
| Hurst Castle | 29.57 | 64 | NN | 4 | c | 29.90 | + .49 | 59 | 57 | - 1 | NN | 4 | bc | 5 | 68 | 54 | 0.07 | | |
| Dover | 29.43 | 64 | N | 4 | bc | 29.83 | + .38 | 61 | 55 | o | N | 4 | bc | 4 | 67 | 53 | 0.12 | | |
| London | 29.45 | 65 | NNW | 2 | bc | 29.85 | + .42 | 58 | 53 | - 5 | N | 2 | bc | * | 74 | 51 | 0.30 | | |
| Oxford | 29.46 | 60 | NNW | 2 | o | 29.84 | + .43 | 55 | 52 | - 3 | N | 1 | c | * | 66 | 50 | 0.20 | | |
| Cambridge | 29.40 | 59 | SW | 1 | o | 29.80 | + .37 | 57 | 52 | - 3 | SW | 3 | o | * | 70 | 50 | 0.26 | | |
| Yarmouth | 29.40 | 62 | Z | 0 | o | 29.69 | + .24 | 57 | 54 | - 4 | NNW | 4 | c | 2 | 65 | 53 | 0.28 | | |
| The Helder | | | | | | 29.55 | + .05 | 61 | 58 | o | WSW | 4 | o | * | * | * | 1.06 | | |
| Cape Gris Nez | 29.46 | 63 | SW | 5 | c | 29.86 | + .38 | 59 | 52 | - 4 | NN | 6 | o | 5 | 68 | 55 | 0.04 | | |
| Jersey | 29.66 | 61 | N | 7 | c | 30.00 | + .62 | 62 | 58 | + 1 | NNW | 5 | o | 4 | 66 | 58 | - | | |
| Brest | 29.82 | 72 | NNW | 3 | o | 30.05 | + .49 | 61 | 59 | o | NN | 2 | o | 4 | 66 | 57 | 0.04 | | |
| L'Orient | 29.75 | 63 | NNW | 5 | bc | 30.07 | + .62 | 63 | 57 | o | NN | 3 | o | 3 | 70 | 55 | - | | |
| Roche fort | 29.84 | 70 | N | 6 | bc | 30.05 | + .36 | 64 | 59 | o | E | 3 | o | 3 | 75 | 59 | - | | |
| Biarritz | 29.92 | 72 | NNW | 4 | | 30.10 | + .30 | 66 | 63 | - 2 | SSW | 1 | c | 5 | 73 | 61 | 0.08 | | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | | | | | | | | | | | | | | |
| Charleville | | | | | | 29.81 | + .25 | 58 | | - 4 | WSW | 6 | o | * | * | * | * | | |
| Paris | 29.61 | 67 | SW | 4 | c | 29.96 | + .36 | 60 | 55 | - 5 | SW | 4 | o | * | * | * | * | | |
| Lyons | | | | | | 30.04 | + .30 | 69 | | - 1 | SE | 2 | m | * | * | * | * | | |
| Toulon | 29.81 | 75 | SW | 3 | m | 29.96 | + .18 | 70 | 59 | - 2 | N | 3 | o | 4 | 81 | 70 | - | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|------|---|
| Skudesnaes ... | 29.43 | 61 | 53 | NN | 4 | o | 2 | Valencia | 29.72 | 62 | 55 | NN | 4 | bc p | 5 |
| Thurso | 29.54 | 56 | 49 | NE | 2 | o | 3 | Scilly | 29.62 | 63 | 54 | NNN | 6 | c | 5 |
| Scarborough ... | 29.38 | 58 | 57 | SSE | 1 | o | 1 | London | 29.41 | 65 | 62 | N | 4 | cp | * |
| Greencastle ... | 29.50 | 59 | 54 | NN | 3 | o | * | Roche fort ... | 29.77 | 70 | 63 | N | 7 | bc | 7 |
| Holyhead | 29.45 | 57 | 56 | NNN | 5 | rg | 4 | | | | | | | | |

The barometer has risen briskly in the west since the morning and is now rising in London. The weather over England is still very dull and showery, with thunders in some places.

EXPLANATION OF COLUMNS.

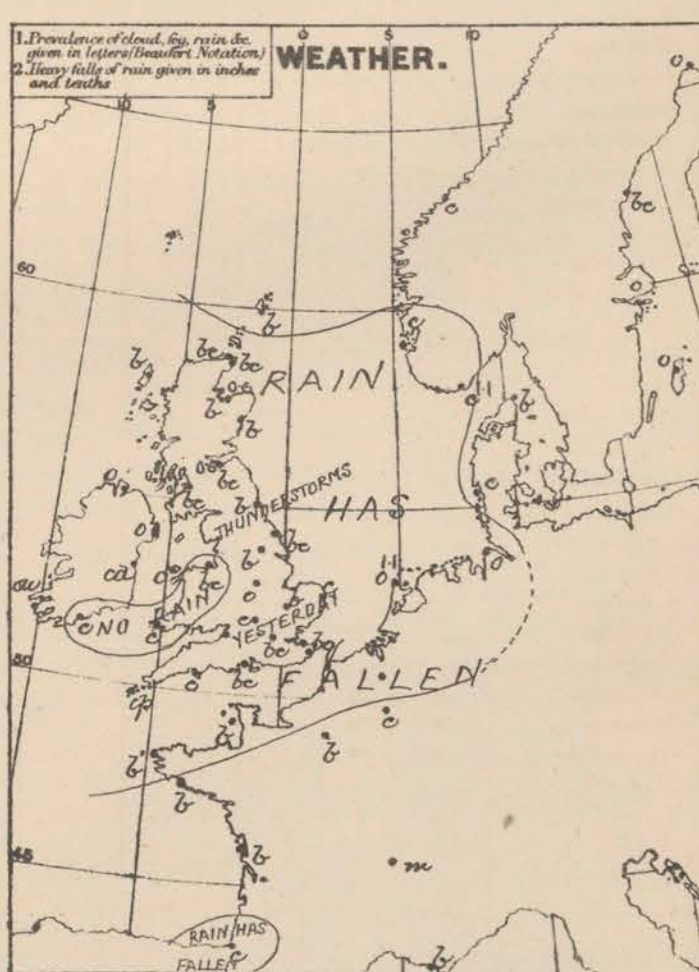
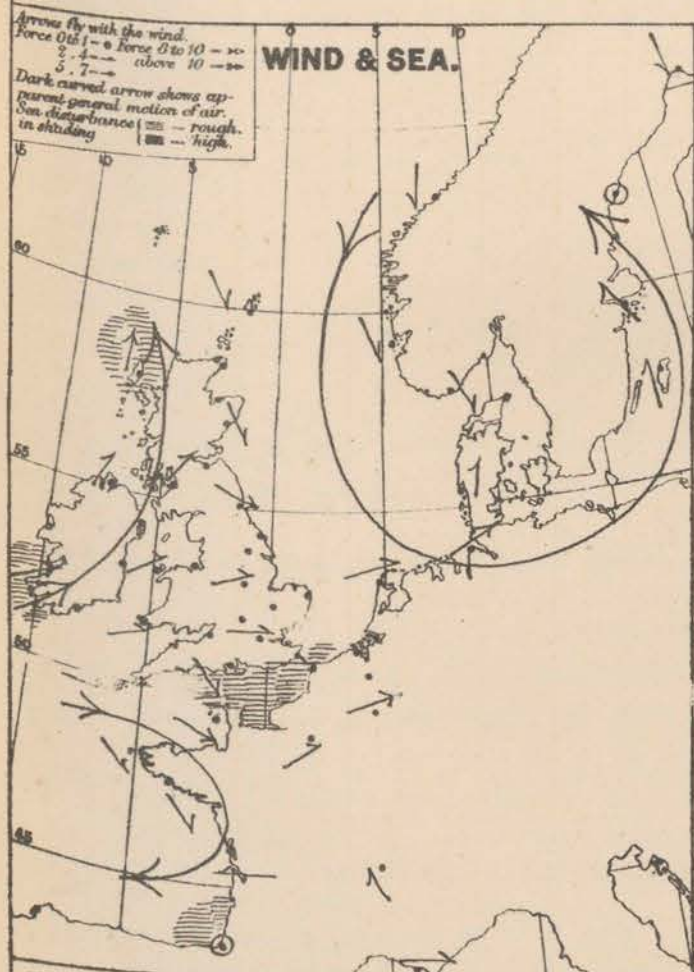
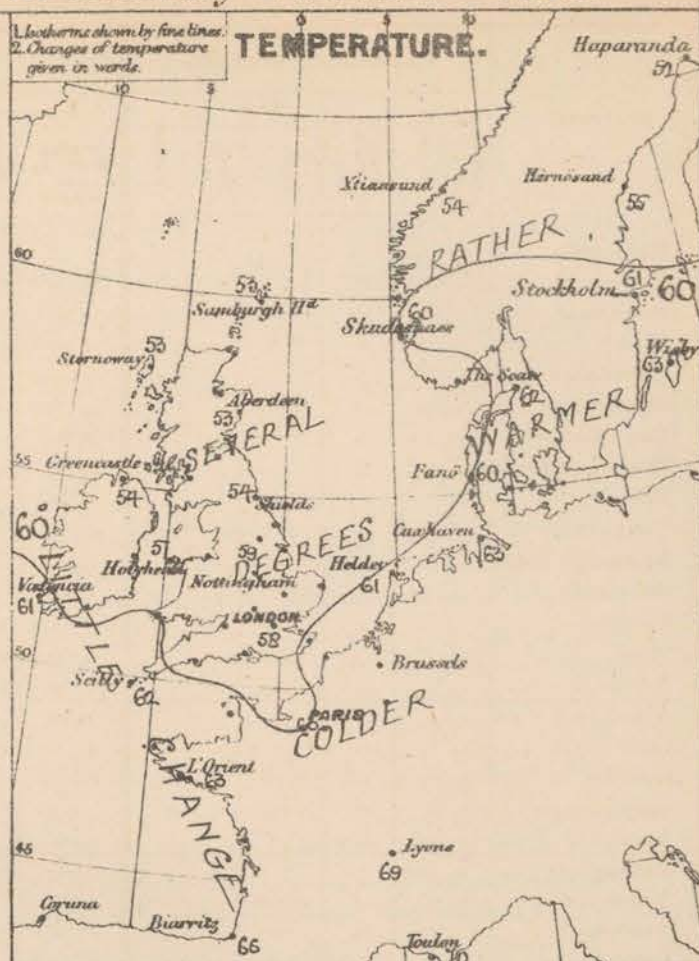
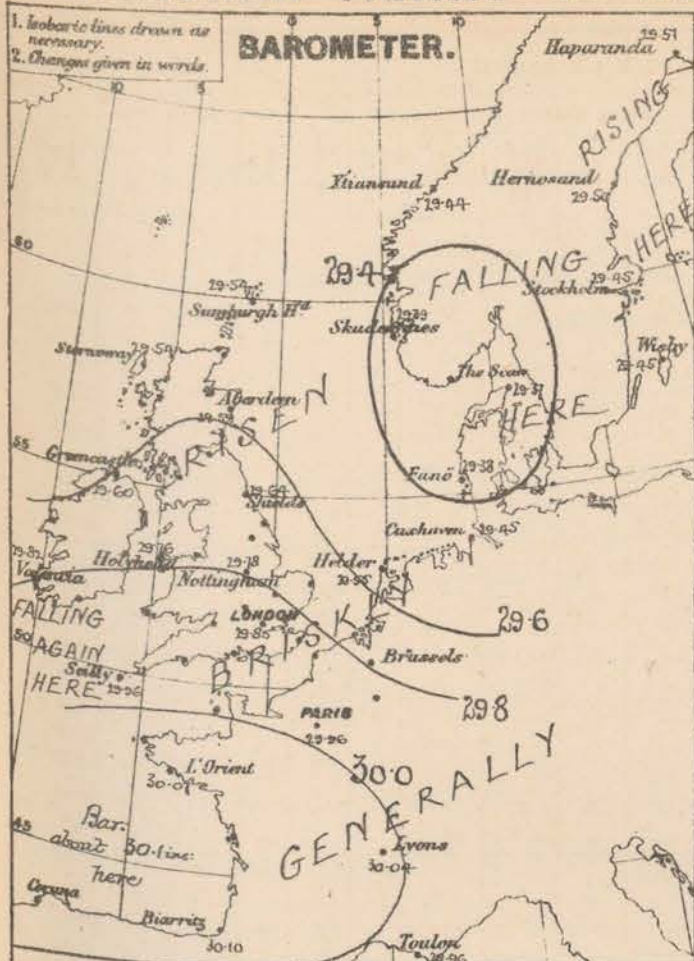
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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 17. AUG. 1878.



REMARKS. Weather is much finer today over nearly the whole of our Islands than it was yesterday, but in the extreme W. of Ireland the sky has again become overcast, and a threatening appearance is reported at Valentia. Rain has again fallen over most parts of W. Europe, but the maximum falls occurred at stations far to the E. of those noticed yesterday. Thus, we have 1.1 in. at Odes and the Kelder, 0.6 in. at Nain and 0.4 in. at about 0.3 in. at London, Cambridge and Garmouth, while at the W. stations only a few recorded the fall. Thunderstorms occurred very generally over the N. and E. counties. Temperature has fallen considerably in the E. of England during the night, and as low as 55° to 58° in that region, while it is 60° to 62° in the SW. Wind is light to moderate generally N. in Scotland, NW. in England, SE. in Holland, and SE. in the Baltic. Over W. and NW. coasts it is backing again, and is already SE. at St. Ann's. Sea is moderate to rough except off the W. of Ireland.

Barometrical Indications. The depression noticed over our Islands yesterday has now reached Denmark and the S. of Norway but the barometer, after rising briefly in most places has again begun to fall in the W. of Ireland, so that another disturbance is likely to come on with SE. to W. winds and rain. In the present case, however, the centre lies further to the N. than that of yesterday, so that the extreme S. stations may possibly escape with less bad weather.

SUMMARY OF WEATHER IN WESTERN EUROPE

from AUGUST 11th to AUGUST 18th 1878.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

This week has been of an exceptionally wet and unsettled character. The barometer has been continuously highest over France and the Bay of Biscay, and several depressions have passed over us, bringing with them, not only heavy falls of rain, but, in some cases (e.g. between the 12th and 14th) very strong winds and gales from south-west and west. Thunderstorms have been frequent and severe; temperatures rather low and the barometer very unsteady.

SUNDAY AUG¹¹

Weather much finer in the morning than on the 10th but soon breaking up again all over the country. Rainfall heaviest (0.6 in. to 0.8 in.) in the west and south-west.

Temperature showing no permanent change, though as high as 75° in London, 74° at Cambridge and 76° at Nottingham for a short time in the afternoon. Much cooler in the south-west of France than on the 10th.

Winds after being N^W or NW^W, backing quickly to the southward again, (the change commencing first in the west) and increasing to a gale in the south-west at evening, and subsequently to a strong breeze over the south of England.

Sea rough (and afterwards very rough) in the S.H. and S.

Barometer falling fast in the west, and the change soon spreading all over the country. Fresh depressions appearing in the west and moving ENE^W.

MONDAY AUG¹²

Weather dull, squally and wet over nearly the whole of Western Europe, but especially so in the S. of our Islands and N. of France. Severe thunderstorms in the east of England, with 1.2 in. of rain at Yarmouth.

Temperature showing no material alteration.

Winds SW^W to W^W in the south, southerly in the north, blowing strongly in the Channel and southern districts till the evening.

Sea rough in the Channel and at some of the northern stations.

Barometer much lower everywhere than on the 11th but beginning to rise during the day. Depression in the north travelling slowly to the eastward, and slight secondary disturbances passing over England more quickly.

TUESDAY AUG¹³

Weather changeable unsettled and threatening. Sky overcast with rain generally, and in several places the falls very heavy. Thunder at Harwich.

Temperature very little changed at 8 a.m.; readings then varying from 58° in the extreme north of our Islands to 62° in the south; but the maximum did not reach 70° at any station, except Nottingham.

Winds moderate to fresh from N.W. in the morning, but subsequently varying a great deal from south to west, and blowing strongly from the latter quarter. A moderate to fresh gale from N.W. felt over all the southern districts towards night.

Sea running high in the Channel, and rough off the south-west of Norway.

Barometer highest about (30.0 in.) in the south of France. A depression with readings about 29.1 in. in its centre lying off Aberdeen, and another one advancing eastwards across England later in the day.

WEDNESDAY AUG 14th

Weather still dull, squally, wet and unsettled except in the west, where an improvement set in early, and subsequently extended to the other parts of the Kingdom. Large falls of rain at the Danish stations.

Temperature a little higher during the day than on the 13th, the maximum readings exceeding 70° at all our south-eastern stations.

Winds still strong from the westward in England, but falling and veering north-westwards later in the day. North-easterly breezes appearing in the north towards evening.

Sea rough both in the Channel and at Stromsøya.

Barometer rising generally as the day advanced. Depressions in the north and east continuing to move E^{ward}.

THURSDAY AUG 15th

Weather fair in the morning over the greater part of Ireland and England, but rain in Scotland and on our extreme western coasts. Rain, with thunderstorms, subsequently becoming very heavy, especially in Ireland and Scotland. 2.3 ins. measured at Kingston, 1.1 ins. at Aberdeen and 1 in. at Nairn.

Temperature little changed on the whole; but maxima of 74° recorded at London and Cambridge, and 73° at Nottingham.

Winds variable; chiefly N^W at the southern stations, E^{ly} to NE^{ly} in the north, and N^W on the eastern shores of the North Sea. S^{ly} breezes appearing in Ireland at night.

Sea still rough both in the south and extreme north.

Barometer high both at the southern and northern stations, low in the west and falling all day. New depression advancing towards Ireland at night; old ones disappearing over the Baltic and Russia.

FRIDAY AUG 16th

Weather still very wet, thundery and unsettled over England and the North Sea, but improving in the west; 1.1 ins. of rain at Oke and the Helder, 0.6 in. at Nairn and Leith, 0.3 in. in the south-east of England.

Temperature fallen a little but not much, except during the rain.

Winds very variable; S^{ly} at all the eastern stations in the morning and N^{ly} in the west, the latter being the stronger of the two air currents. Wind afterwards becoming N^{ly} and N^W very generally, but soon "backing" again in the west.

Sea still rough in the north and in the Channel.

Barometer. A well defined pear-shaped depression crossing over England in an ENE^{ly} direction during the day, barometer rising generally in its rear. Gradients never very steep.

SATURDAY AUG 17th

Weather continuing unsettled; much finer over Great Britain than on the 16th but beginning to look bad again in Ireland. Light rain in the west and north, dry in the south and east.

Temperature several degrees colder in the north and east, the maxima being below 70° all over the Kingdom and as low as 58° at Stromsøya.

Winds light from N^W and N. on our north-east coast, moderate from N. and N^W in the south, but back to the S^{ly} again in the N^W of our Islands and to S^W at Valentia.

Sea still rough in the north and in the Channel, and rising at Valentia and Bismarck.

Barometer rising almost all over our Islands. Yesterday's depression now over Denmark and the south of Norway. A very small shallow disturbance passing near our extreme west and north-west coast in the daytime, but soon dispersing or else travelling away northwards.

Meteorological Office,

116 Victoria Street, Westminster, S. W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT *August 18th* 1878.

| STATIONS. | 1 YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | LAST 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 5). | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dir. | Force (0 to 11). | | | 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 11). | | Max. | Min. | |
| Haparanda | 29.54 | 53 | X | 0 | 0 | 29.54 | + .05 | 54 | 51 | + 2 | X | 0 | bc | * | 59 | 46 | - |
| Hernösand | 29.53 | 56 | NE | 4 | 0 | 29.57 | + .01 | 58 | 55 | + 3 | NNE | 4 | bc | * | * | * | - |
| Stockholm | 29.39 | 60 | ESE | 2 | c | 29.44 | - .01 | 57 | 57 | - 4 | X | 0 | X | * | * | * | 0.20 |
| Wiesby | 29.40 | 61 | SSH | 4 | bc | 29.45 | + .03 | 61 | 59 | - 2 | NNH | 8 | 0 | * | * | * | 0.48 |
| Christiansund | 29.53 | 54 | NSSH | 2 | c | 29.66 | + .22 | 57 | 54 | - 3 | SSH | 1 | r | 1 | 59 | 46 | 0.04 |
| Skudeanaes | 29.61 | 55 | NNH | 6 | c | 29.76 | + .37 | 58 | 57 | - 2 | NN | 6 | c | 2 | 61 | 55 | - |
| Oxö (Kriemund) | 29.49 | 63 | N | 2 | b | 29.67 | + .30 | 56 | 50 | - 1 | NSSH | 4 | b | 2 | 64 | 52 | - |
| Skagen (The Seaw) | 29.49 | 60 | NNH | 4 | b | 29.62 | + .25 | 59 | 57 | - 3 | NNH | 7 | b | 7 | 72 | 54 | - |
| Fano | 29.69 | 61 | S | 3 | c | 29.76 | + .38 | 60 | 59 | 0 | SH | 1 | r | * | 57 | 57 | 0.24 |
| Cuxhaven | 29.85 | 62 | NNH | 6 | 0 | 29.97 | + .52 | 63 | 62 | 0 | NNH | 5 | 0 | * | ? | 57 | 0.35 |
| Samburgh Head | 29.65 | 53 | N | 1 | b | 29.87 | + .27 | 53 | 52 | 0 | NE | 2 | c | 1 | 59 | 46 | - |
| Stornoway | 29.57 | 58 | SSE | 2 | bc | 29.78 | + .24 | 57 | 56 | + 4 | N | 2 | bc | 2 | 58 | 50 | 0.03 |
| Thurso | 29.66 | 55 | ESE | 2 | c | 29.79 | + .20 | 55 | 53 | 0 | X | 0 | 0 | 2 | 61 | 46 | - |
| Wick | 29.68 | 54 | S | 2 | b | 29.80 | + .22 | 60 | 58 | + 7 | N | 1 | 0 | 0 | 61 | 43 | - |
| Nairn | 29.61 | 57 | NE | 1 | bc | 29.81 | + .20 | 57 | 53 | + 7 | X | 0 | b | 0 | 61 | 47 | - |
| Aberdeen | 29.64 | 55 | S | 1 | r | 29.83 | + .24 | 55 | 53 | + 2 | SH | 1 | b | 1 | 61 | 45 | 0.01 |
| Leith | 29.60 | 58 | X | 0 | 0 | 29.83 | + .22 | 61 | 57 | + 8 | NNH | 2 | bc | * | 64 | 51 | 0.06 |
| Shields | 29.68 | 60 | NNH | 1 | c | 29.89 | + .25 | 61 | 57 | + 7 | N | 5 | bc | 2 | 63 | 54 | 0.21 |
| Scarborough | 29.77 | 59 | SH | 3 | r | 29.93 | + .27 | 62 | 59 | + 7 | N | 2 | 0 | 2 | 64 | 55 | 0.04 |
| York | 29.74 | 60 | NNH | 4 | 0 | 29.95 | + .26 | 62 | 59 | + 6 | N | 4 | bc | * | 64 | 55 | 0.09 |
| Nottingham | 29.87 | 64 | NNH | 6 | c | 30.01 | + .23 | 66 | 62 | + 7 | SH | 3 | b | * | 69 | 53 | 0.04 |
| Ardrossan | 29.65 | 61 | NNH | 4 | 0 | 29.90 | + .27 | 59 | 57 | + 3 | SH | 3 | c | 2 | 64 | 55 | 0.10 |
| Greenecastle | 29.68 | 63 | N | 3 | c | 29.91 | + .31 | 61 | 59 | + 7 | NNH | 2 | 0 | * | 66 | 52 | 0.45 |
| Donaghadee | 29.72 | 60 | N | 5 | bc | 29.95 | + .25 | 62 | 60 | + 10 | N | 4 | b | 3 | 67 | 52 | 0.22 |
| Kingstown | 29.72 | 63 | N | 5 | c | 30.01 | + .27 | 61 | 58 | + 5 | NNH | 1 | c | 2 | 66 | 54 | 0.07 |
| Holyhead | 29.81 | 61 | SSH | 5 | c | 30.01 | + .25 | 60 | 58 | + 3 | NNH | 2 | c | 2 | 64 | 55 | 0.04 |
| Liverpool (Bidston) | 29.79 | 61 | NNH | 4 | 0 | 30.00 | + .20 | 61 | 58 | + 4 | NNH | 3 | 0 | 2 | 65 | 58 | 0.03 |
| Valencia | 29.93 | 62 | NNH | 4 | 0 | 30.03 | + .21 | 61 | 59 | 0 | S | 2 | c | 3 | 66 | 55 | 0.08 |
| Roche's Point | 30.07 | 62 | N | 5 | c | 30.04 | + .21 | 58 | 55 | - 1 | NNH | 1 | b | 2 | 68 | 55 | 0.02 |
| Pembroke | 29.94 | 62 | NNH | 5 | bc | 30.04 | + .18 | 63 | 61 | + 3 | N | 1 | bc | 2 | 63 | 58 | 0.04 |
| Portishead | | | | | | | | | | | | | | | | | |
| Seilly | 30.05 | 63 | NNH | 4 | c | 30.09 | + .13 | 63 | 60 | + 1 | X | 0 | c | 5 | 67 | 58 | - |
| Plymouth | 30.02 | 64 | NNH | 5 | bc | 30.08 | + .15 | 57 | 55 | 0 | X | 0 | bc | * | 67 | 50 | - |
| Hurst Castle | 30.01 | 66 | N | 5 | b | 30.07 | + .17 | 64 | 62 | + 5 | N | 3 | bc | 3 | 68 | 57 | - |
| Dover | 30.02 | 63 | NNH | 5 | b | 30.07 | + .24 | 65 | 59 | + 4 | NNH | 3 | b | 3 | 67 | 53 | - |
| London | 29.98 | 64 | NNH | 2 | c | 30.06 | + .21 | 60 | 57 | + 2 | N | 1 | bc | * | 68 | 51 | 0.02 |
| Oxford | 29.94 | 63 | N | 4 | bc | 30.06 | + .22 | 59 | 57 | + 4 | N | 1 | b | * | 66 | 53 | - |
| Cambridge | 29.92 | 65 | SH | 2 | b | 30.05 | + .25 | 62 | 59 | + 5 | SH | 1 | b | * | 68 | 52 | - |
| Yarmouth | 29.90 | 63 | NNH | 3 | c | 30.01 | + .32 | 63 | 60 | + 6 | N | 3 | b | 2 | 65 | 55 | - |
| The Helder | | | | | | 29.97 | + .42 | 63 | 60 | + 2 | NNH | 3 | c | * | | | - |
| Cape Gris Nez | 30.03 | 63 | N | 5 | b | 30.09 | + .23 | 63 | 61 | + 4 | N | 2 | bc | 1 | 66 | 59 | - |
| Jersey | 30.12 | 63 | N | 3 | b | 30.13 | + .13 | 63 | 60 | + 1 | E | 1 | c | 1 | 66 | 56 | - |
| Brest | 30.19 | ? | NNH | 2 | b | 30.13 | + .08 | 57 | 55 | - 4 | E | 3 | 0 | 3 | 68 | 52 | - |
| L'Orient | 30.15 | 63 | N | 2 | b | 30.07 | .00 | 59 | 55 | - 4 | ENE | 4 | bc | 2 | 72 | 54 | - |
| Rochefort | 30.14 | 70 | N | 3 | bc | 30.09 | + .04 | 64 | 61 | 0 | ESE | 4 | c | 3 | ? | 57 | - |
| Biarritz | 30.06 | 72 | ENE | 2 | c | 29.89 | - .21 | 64 | 61 | - 2 | ENE | 4 | b | 3 | 75 | 61 | - |
| Corunna | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | 30.11 | | 59 | 56 | | SH | 1 | b | * | 68 | 53 | - |
| Charleville | | | | | | 30.12 | + .31 | 52 | | - 6 | SE | 1 | m | * | | | |
| Paris | 30.10 | 67 | N | 1 | c | 30.14 | + .16 | 62 | 57 | + 2 | N | 1 | c | * | | | |
| Lyon | | | | | | 30.10 | + .06 | 66 | | - 3 | SE | 2 | b | * | | | |
| Toulon | 29.97 | 75 | N | 5 | b | 30.02 | + .06 | 63 | 60 | + 3 | E | 3 | m | 3 | 81 | 65 | - |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Seq. | | Bar. | Dry | Wet | Wind. | Wes. | Seq. | | |
|------------------|-------|------|------|-------|------|------|---|----------------|-------|-----|-------|------|------|----|---|
| Skudesnaes ... | 29.53 | 59 | 52 | NN | 6 | c | 3 | Valencia | 29.89 | 64 | 61 | N | 5 om | 6 | |
| Thurso | 29.63 | 60 | 52 | NNN | 1 | c | 3 | Seilly | 30.04 | 67 | 62 | NWN | 4 | bc | 4 |
| Scarborough ... | 29.77 | 62 | 56 | N | 3 | 0 | 3 | London | 29.95 | 67 | 59 | N | 3 | c | * |
| Greenecastle ... | 29.56 | 62 | 59 | NWN | 3 | 0 | 4 | Rochefort ... | 30.13 | 79 | 72 | NNN | 2 | bc | 3 |
| Holyhead | 29.77 | 61 | 58 | SN | 5 | 0 | 4 | | | | | | | | |

No important change.

EXPLANATION OF COLUMNS

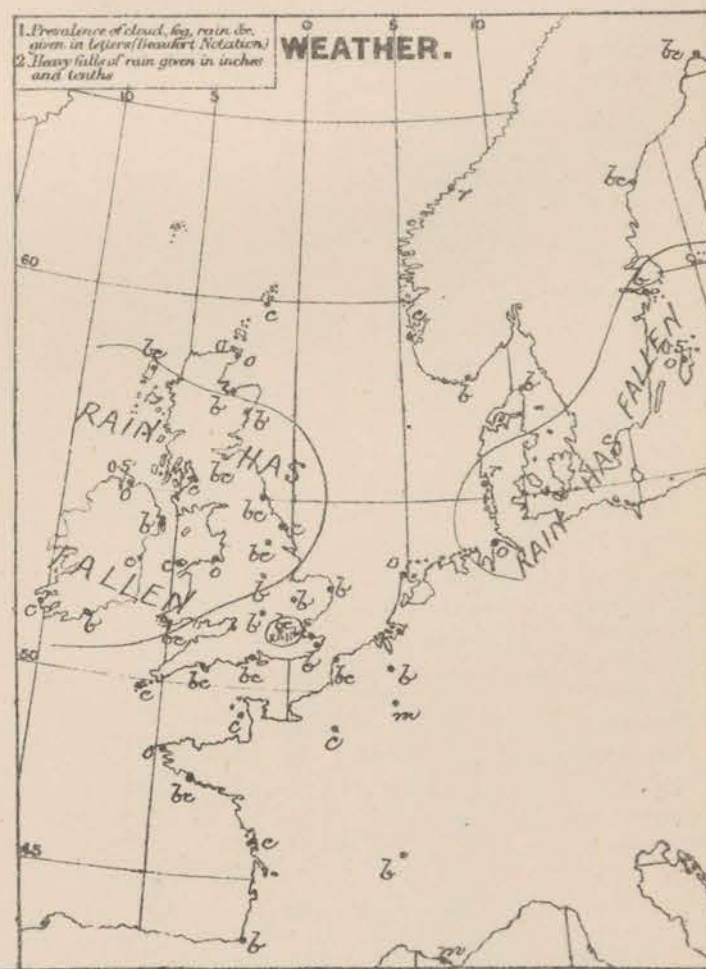
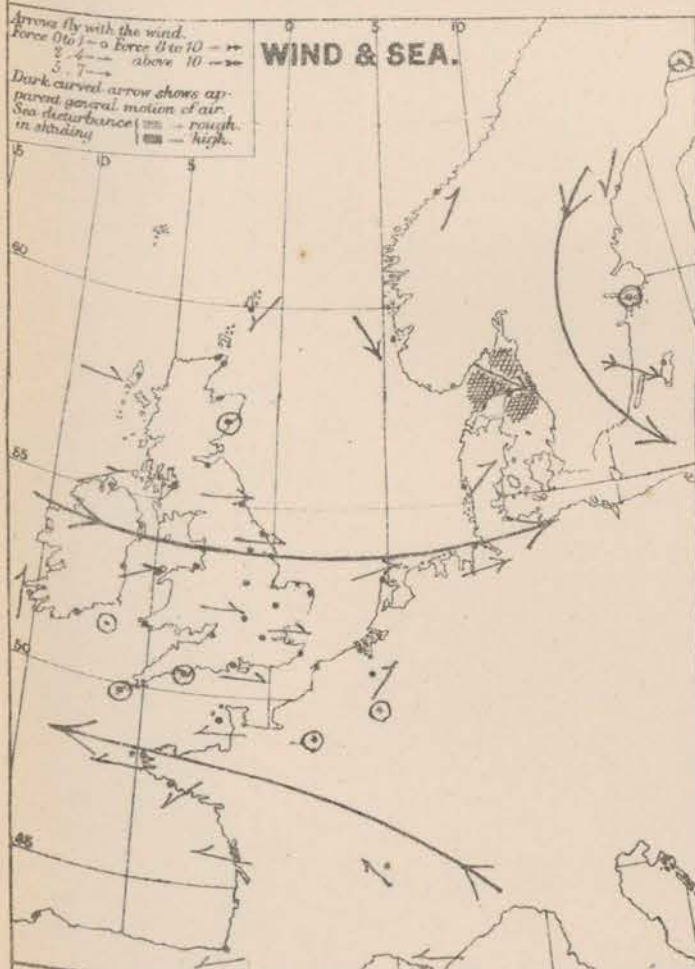
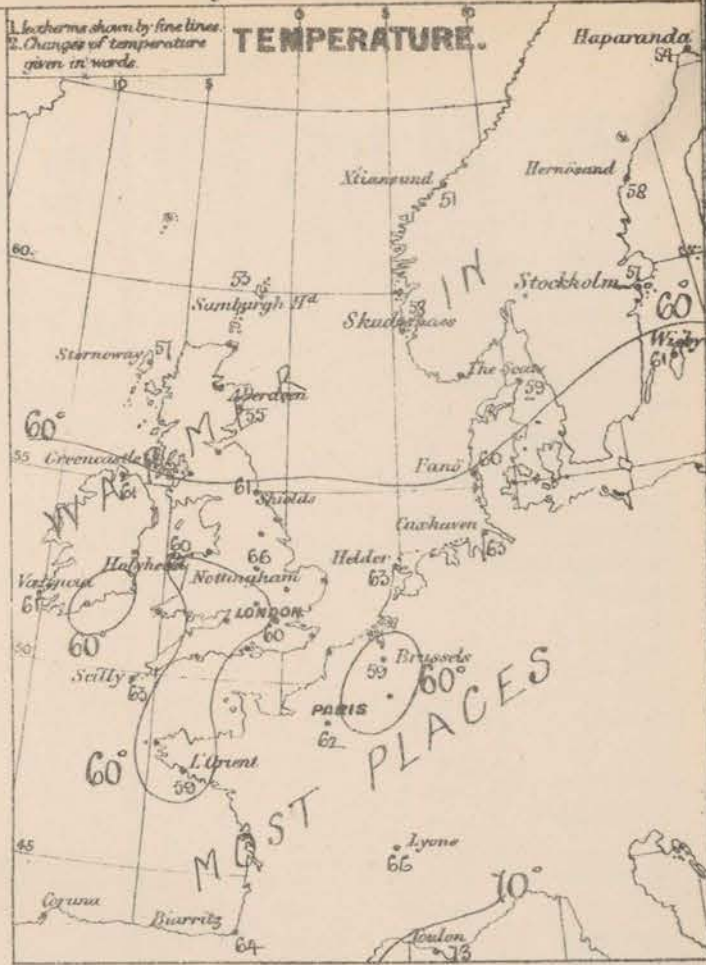
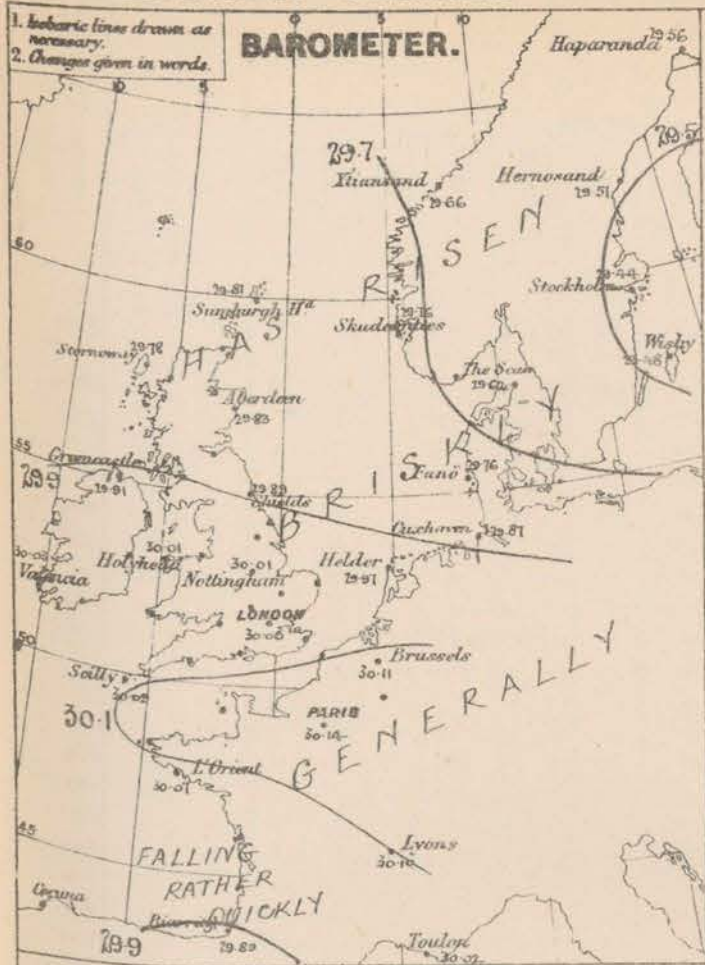
WEATHER—*Sausfort* scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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

WEATHER CHARTS *for 8 a.m. on Sunday 18 Aug^r 1878.*



REMARKS. Weather is fine generally over the British Isles this morning. Rain has fallen during the past 24 hours at all the N^w and most of the N^e stations, the largest amounts reported being 0.5 in at Newcastle, and 0.2 in at Shields and Donaghadee. In London also a smart shower occurred soon after 7 pm. Temperature has risen several degrees except in the N^w parts of the Kingdom, and is now comparatively uniform. Wind is light from the N^e, or calm, in all parts of the country, and fresh from the same quarter, or from NW or the E^l shores of the North Sea. In the Baltic and S. of Sweden a WNW gale is reported. Over London, however, an E^l breeze has set in which appears to be gradually spreading N^{or}th, and is already felt at Jersey. Sea is slight or smooth on all our coasts, but is high at the Scow.

Barometrical Indications. A further rise of the barometer has occurred in all parts of our Islands since yesterday and an area of high pressure has been formed over the N. of France. In the SW. of France a thick fall of the mercury has set in and it appears as though a depression is advancing towards that neighbourhood from the S. or SW.

Subscription for these Charts payable in
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10/- per quarter, book post 5/- per quarter.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT

AUGUST 19th

1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|------------|-------------------|-------------|------|-------|-------------------|----------|----------------|-------------|----------------|---------------------|--|
| | Barometer at 3 p.m. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 3 p.m. and Sea Level. | BAROMETER. | | SHADE TEMP. | | WIND. | | Weather. | Sea. (0 to 9.) | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 15). | | | Dir. | Force. (0 to 15). | Dry. | Wet. | Dir. | Force. (0 to 15). | | | Max. | Min. | | |
| Haparanda ... | 29.59 | 57 | Z | 0 | bc | 29.63 | + .07 | 54 | 57 | 0 | N | 4 | bc | * | 63 | 43 | - | |
| Hernösand ... | 29.56 | 57 | NH | 2 | c | 29.54 | + .03 | 49 | 48 | - 9 | NH | 4 | bc | * | * | * | 1.02 | |
| Stockholm ... | ? | ? | ? | ? | ? | 29.55 | + .11 | 57 | 48 | - 6 | NH | 4 | bc | * | * | * | 0.28 | |
| Wibby ... | 29.60 | 61 | NH | 8 | bc | 29.71 | + .23 | 57 | 57 | - 4 | NH | 8 | bc | * | * | * | - | |
| Christiansund ... | 29.76 | 57 | H | 1 | bc | 29.78 | + .42 | 49 | 47 | - 2 | NSH | 4 | bc | * | 57 | 43 | 0.32 | |
| Skudesnaes ... | 29.86 | 64 | NH | 2 | r | 29.86 | + .10 | 54 | 49 | - 4 | NH | 4 | c | 2 | * | * | 0.08 | |
| Oxö (Tinnöand) ... | 29.79 | 59 | H | 4 | bc | 29.78 | + .11 | 55 | 57 | - 1 | NH | 4 | bc | 3 | 64 | 52 | - | |
| Skagen (The Sound) ... | 29.78 | 60 | NH | 4 | bc | 29.75 | + .13 | 60 | 53 | + 1 | NH | 4 | c | 4 | 70 | 52 | - | |
| Fanö ... | 29.91 | 56 | NH | 2 | bc | 29.86 | + .10 | 65 | 59 | + 5 | H | 4 | bc | * | 66 | 52 | 0.04 | |
| Cuxhaven ... | 30.14 | 66 | NW | 3 | c | 29.90 | - .07 | 64 | 61 | + 1 | NH | 1 | c | * | ? | 55 | - | |
| Sunburgh Head ... | 29.94 | 53 | N | 1 | o | 29.98 | + .17 | 52 | 52 | - 1 | N | 2 | bc | 2 | 86 | 41 | 0.04 | |
| Stornoway ... | 29.91 | 61 | H | 2 | c | 29.95 | + .17 | 59 | 58 | + 2 | E | 1 | o | 0 | 62 | 54 | 0.05 | |
| Thurso ... | 29.94 | 58 | NH | 2 | bc | 30.01 | + .22 | 52 | 57 | - 3 | ENE | 2 | m | 3 | 65 | 57 | 0.02 | |
| Wick ... | 29.90 | 56 | NH | 3 | bc | 29.99 | + .19 | 54 | 57 | - 6 | E | 2 | o | 0 | 66 | 57 | 0.04 | |
| Nairn ... | 29.94 | 64 | H | 1 | bc | 29.98 | + .17 | 56 | 54 | - 1 | Z | 0 | og | 1 | 68 | 55 | - | |
| Aberdeen ... | 29.90 | 62 | NNE | 1 | bc | 29.99 | + .16 | 56 | 54 | + 1 | NNE | 1 | o | 1 | 67 | 52 | - | |
| Leith ... | 29.90 | 67 | NH | 2 | bc | 29.95 | + .12 | 57 | 56 | - 4 | E | 1 | o | * | 73 | 53 | - | |
| Shields ... | 29.94 | 64 | NSH | 2 | c | 29.96 | + .07 | 57 | 55 | - 4 | NNE | 2 | o | 2 | 70 | 52 | - | |
| Scarborough ... | 29.97 | 61 | SSE | 1 | c | 29.94 | + .01 | 63 | 59 | + 1 | N | 2 | bc | 2 | 70 | 56 | - | |
| York ... | 29.98 | 67 | H | 1 | bc | 29.94 | - .01 | 58 | 56 | - 4 | NH | 2 | bc | * | 73 | 49 | - | |
| Nottingham ... | 30.00 | 68 | NH | 1 | bc | 29.93 | - .08 | 61 | 58 | - 5 | N | 3 | bc | * | 68 | 52 | - | |
| Ardrossan ... | 29.97 | 65 | SH | 2 | bc | 29.97 | + .07 | 57 | 56 | - 2 | Z | 0 | om | 0 | 66 | 52 | 0.07 | |
| Greencastle ... | 29.98 | 65 | NH | 2 | o | 29.97 | + .06 | 60 | 59 | - 1 | ENE | 1 | bc | * | 66 | 49 | - | |
| Donaghadee ... | 30.01 | 62 | N | 1 | bc | 29.97 | + .02 | 55 | 55 | - 7 | NNE | 2 | m | 1 | 67 | 57 | 0.01 | |
| Kingstown ... | 30.00 | 66 | S | 2 | bc | 29.97 | - .04 | 59 | 58 | - 2 | ENE | 3 | bc | 3 | 66 | 56 | - | |
| Holyhead ... | 30.02 | 65 | H | 1 | bc | 29.92 | - .09 | 60 | 59 | 0 | ENE | 2 | bc | 2 | 68 | 57 | - | |
| Liverpool (Bidston) ... | 30.00 | 64 | NH | 1 | bc | 29.92 | - .08 | 60 | 58 | - 1 | NNE | 1 | bc | 1 | 67 | 56 | - | |
| Valencia ... | 29.98 | 65 | SH | 1 | bc | 29.88 | - .15 | 60 | 56 | - 1 | SSE | 1 | bc | 2 | 67 | 53 | - | |
| Roche's Point ... | 29.96 | 66 | SH | 2 | bc | 29.91 | - .13 | 60 | 57 | + 2 | E | 3 | o | 3 | 72 | 54 | - | |
| Pembroke ... | 29.99 | 64 | NH | 1 | bc | 29.86 | - .18 | 59 | 56 | - 4 | NE | 2 | o | 1 | 67 | 57 | - | |
| Portishead ... | | | | | | | | | | | | | | | | | | |
| Scilly ... | 29.98 | 63 | ENE | 4 | o | 29.84 | - .25 | 64 | 60 | + 1 | ENE | 4 | o | 4 | 65 | 61 | - | |
| Plymouth ... | 29.99 | 63 | Z | 0 | o | 29.81 | - .27 | 63 | 59 | + 6 | NE | 1 | o | * | 67 | 56 | - | |
| Hurst Castle ... | 29.99 | 65 | S | 1 | o | 29.82 | - .25 | 63 | 62 | - 1 | E | 4 | o | 3 | 70 | 60 | - | |
| Dover ... | 30.01 | 63 | NSH | 2 | bc | 29.88 | - .19 | 62 | 59 | - 3 | SSE | 1 | c | 1 | 69 | 60 | - | |
| London ... | 29.99 | 70 | NE | 1 | bc | 29.88 | - .18 | 62 | 60 | + 2 | ENE | 2 | o | * | 73 | 52 | - | |
| Oxford ... | | | | | | 29.88 | - .18 | 62 | 58 | + 3 | NNE | 2 | o | * | 72 | 57 | - | |
| Cambridge ... | 29.97 | 73 | NH | 1 | bc | 29.90 | - .15 | 57 | 57 | - 5 | Z | 0 | fw | * | 76 | 52 | - | |
| Yarmouth ... | 30.00 | 65 | SE | 2 | bc | 29.92 | - .09 | 63 | 61 | 0 | E | 1 | bc | 1 | 70 | 57 | - | |
| The Helder ... | | | | | | 29.91 | - .06 | 62 | 59 | - 1 | N | 1 | c | * | * | * | - | |
| Cape Gris Nez ... | 29.99 | 64 | NH | 1 | o | 29.87 | - .22 | 59 | 59 | - 4 | ENE | 1 | r | 0 | 70 | 59 | - | |
| Jersey ... | No observations taken | | | | | 29.76 | - .37 | 62 | 61 | - 1 | E | 6 | c | 4 | 70 | 57 | 0.12 | |
| Brest ... | 29.94 | 66 | E | 3 | r | 29.79 | - .34 | 63 | 59 | + 6 | NE | 3 | o | 3 | ? | 55 | 0.43 | |
| L'Orient ... | 29.86 | 64 | NE | 4 | r | 29.69 | - .38 | 63 | 61 | + 4 | N | 2 | c | 2 | 70 | 57 | 0.28 | |
| Rochefort ... | 29.84 | 73 | SH | 4 | r | 29.87 | - .28 | 66 | 63 | + 2 | SH | 9 | o | 7 | 86 | 57 | 0.36 | |
| Biarritz ... | | | | | | | | | | | | | | | | | | |
| Corunna ... | | | | | | | | | | | | | | | | | | |
| Brussels ... | | | | | | 29.85 | - .26 | 59 | 58 | 0 | ENE | 1 | r | * | 72 | 57 | 0.04 | |
| Charleville ... | | | | | | 29.79 | - .33 | 59 | * | + 7 | Z | 0 | o | * | * | * | * | |
| Paris ... | 29.95 | 70 | NE | 4 | c | 29.84 | - .30 | 61 | 59 | - 1 | N | 1 | c | * | * | * | 0.04 | |
| Lyons ... | | | | | | 29.83 | - .27 | 72 | * | + 6 | SH | 2 | o | * | * | * | * | |
| Toulon ... | 29.96 | 72 | E | 5 | bc | 29.91 | - .11 | 77 | 61 | + 4 | E | 4 | bc | 3 | 87 | 73 | - | |
| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | | | | |
| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | | | | |
| Skudesnaes ... | 29.85 | 60 | 52 | NH | 4 | bc | 2 | Valencia | | | | | | | | | | |
| Thurso | | | | | | | | Scilly | | | | | | | | | | |
| Scarborough ... | | | | | | | | London | | | | | | * | | | | |
| Greencastle ... | | | | | | | * | Rochefort ... | 29.87 | 77 | 72 | ENE | 4 | bc | 3 | | | |
| Holyhead | | | | | | | | | | | | | | | | | | |

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

| Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. |
|-----------------|-------|------|-------|------|------|------|---------------|-------|-------|------|------------|
| Skudesnaes ... | 29.85 | 60 | NT | 4 | bc | 2 | Valencia ... | | | | |
| Thurso ... | | | | | | | Scilly ... | | | | |
| Scarborough ... | | | | | | | London ... | | | | * |
| Greencastle ... | | | | | | * | Rocheport ... | 29.87 | 77 | 72 | ENE 4 60 3 |
| Holyhead ... | | | | | | | | | | | |

EXPLANATION OF COLUMNS.

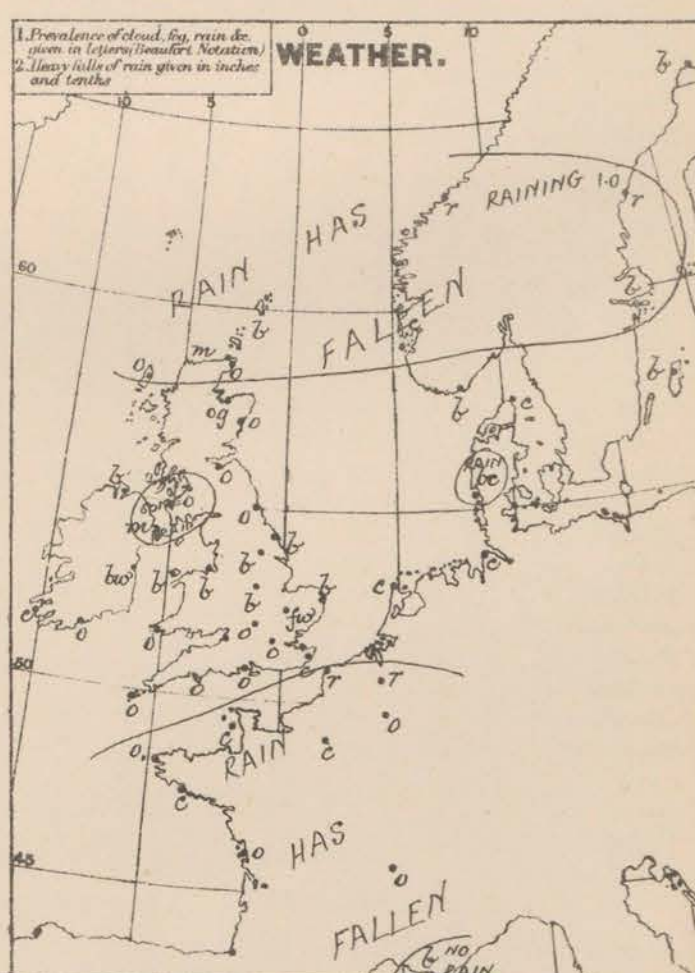
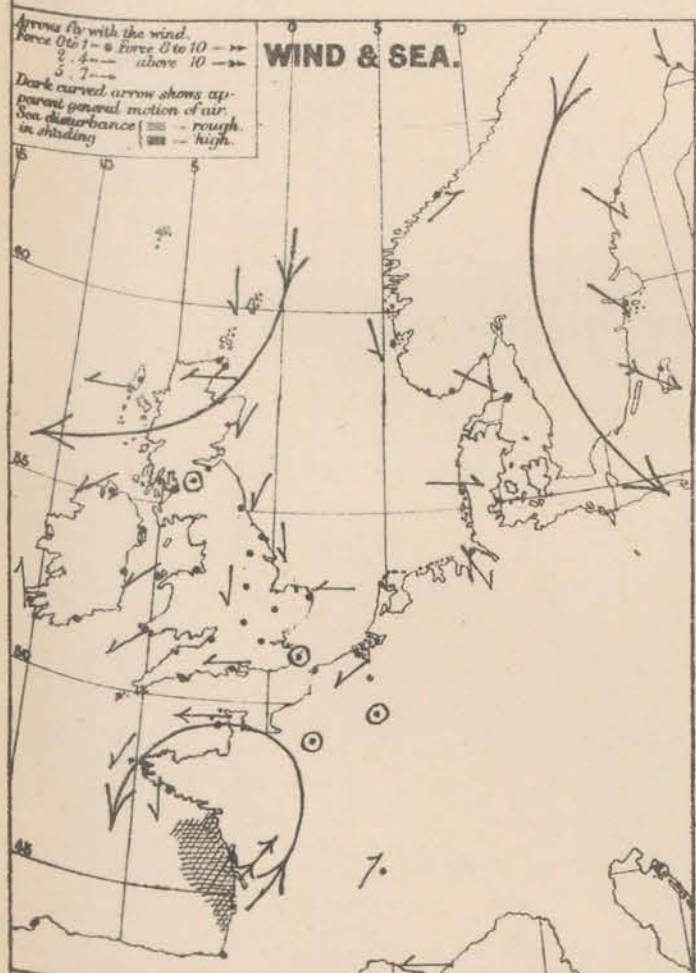
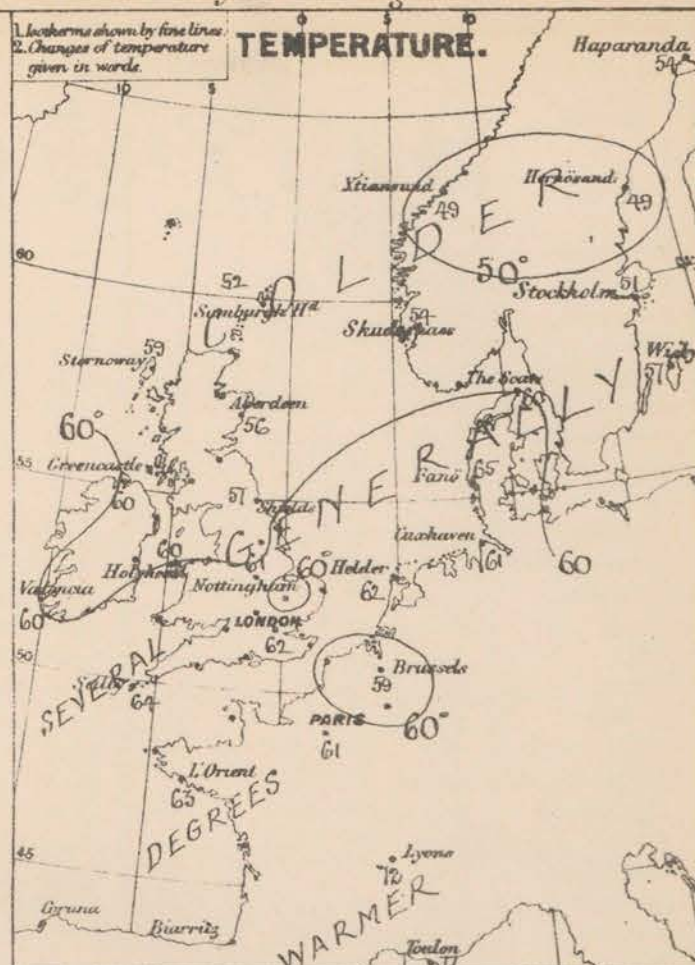
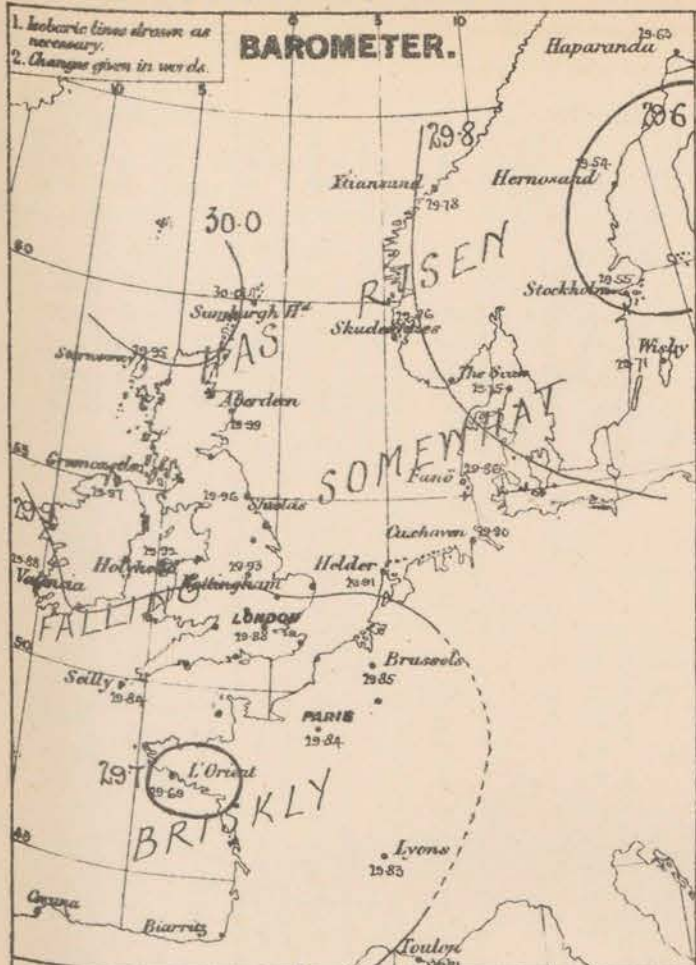
WEATHER—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency.

* 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. in France.

N E —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 19 August. 1878.



REMARKS. Weather is fine at present over the greater part of our Islands and their neighbourhood, but is dull and cloudy in the S. as well as over France, and rain is falling at Brussels and Antwerp Bay. A good deal of rain fell at the W. French stations yesterday and some slight showers in the N. of our Islands, but over England and Ireland generally the weather has been dry. Temperature has risen several degrees in the S. and W. of France, and also in the S. of England, but falls in the N. Readings vary from 52° in the extreme N. of Scotland to 65° over S. coast, and to 66° at Rochefort. The maximum readings yesterday were 76° at Cambridge, 73° at York, and in London, but 86° is reported from the N. of France. Wind is light and variable from the E. over the greater part of our Islands, and blows rather fresh from the same quarter at the mouth of the Channel. At Rochefort, however, a strong W. gale is reported this morning. Sea is slightly rougher on our coast generally, moderate at Scilly, and high over the S. part of the Bay of Biscay.

Barometrical Indications. Since yesterday morning the barometer has risen at all the N. stations and in Denmark, but in the S. it has fallen. A well formed depression has advanced to the W. coast of France from the S., but appears to be less deep and extensive than was apprehended yesterday. The barometer is now highest off the N. of Scotland, but the distribution of pressure is somewhat complex.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 4/- per quarter, book post 5/- per quarter.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT *AUGUST 20th 1878.*

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|-------------------------|---|--------------------|-------|----------------------|----------|--|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|----------------|---------------------------|--|
| | Barometer at 520 F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 2.) | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 13). | | Reading at 3.50 p.m. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 13). | | | Max. | Min. | | |
| Haparanda ... | 29.66 | 50 | WSW | 4 | b | 29.72 | + .09 | 46 | 42 | - .8 | NE | 6 | b | * | 64 | 37 | - | |
| Hernösand ... | 29.34 | 55 | NNE | 9 | r | 29.54 | .00 | 49 | 47 | 0 | N | 8 | r | * | * | * | 0.71 | |
| Stockholm ... | 29.48 | 51 | SW | 4 | b | 29.34 | - .21 | 47 | 46 | - .4 | SSE | 2 | r | * | * | * | 0.24 | |
| Wisby ... | 29.61 | 58 | N | 8 | b | 29.44 | - .27 | 59 | 52 | + 2 | WSW | 8 | r | * | * | * | 0.08 | |
| Christiansund ... | 29.85 | 50 | N | 5 | c | 29.87 | + .09 | 47 | 46 | - .2 | NE | 2 | f | 3 | 52 | 43 | 0.42 | |
| Skudesnaes ... | 29.80 | 55 | NNW | 8 | b | 29.75 | - .11 | 53 | 48 | + 1 | N | 6 | c | 3 | 3 | ? | - | |
| Oxö (Åtiansand) ... | 29.69 | 61 | NNW | 4 | b | 29.68 | - .10 | 54 | 48 | - 1 | NW | 4 | c | 2 | 61 | 50 | - | |
| Skagen (The Szw) ... | 29.67 | 54 | NNW | 3 | b | 29.59 | - .16 | 50 | 50 | - 4 | N | 5 | c | 5 | 70 | 48 | - | |
| Fanö ... | 29.77 | 55 | NNW | 4 | b | 29.71 | - .15 | 61 | 54 | - 4 | NNW | 5 | c | * | 66 | 54 | - | |
| Cuxhaven ... | 29.86 | 64 | NNW | 3 | b | 29.76 | - .14 | 62 | 59 | - 2 | N | 5 | b | * | 64 | 57 | - | |
| Sumburgh Head ... | 29.96 | 53 | N | 3 | b | 29.95 | - .03 | 52 | 51 | 0 | NNE | 4 | b | 3 | 56 | 44 | - | |
| Stornoway ... | 29.94 | 59 | ENE | 3 | c | 29.94 | - .01 | 56 | 53 | - 3 | E | 4 | b | 4 | 61 | 51 | - | |
| Thurso ... | 30.06 | 55 | ENE | 1 | b | 30.02 | + .01 | 54 | 49 | + 2 | ENE | 1 | b | 2 | 59 | 37 | 0.01 | |
| Wick ... | 30.02 | 56 | E | 2 | b | 30.01 | + .02 | 54 | 49 | 0 | ENE | 2 | b | 1 | 61 | 41 | - | |
| Nairn ... | 2/6 | Observations taken | | | | 30.00 | + .02 | 53 | 50 | - 3 | ESE | 1 | b | 1 | 62 | 49 | - | |
| Aberdeen ... | 30.03 | 56 | NNE | 1 | o | 30.00 | + .01 | 54 | 51 | - 2 | ENE | 1 | b | 1 | 58 | 44 | 0.02 | |
| Leith ... | 29.93 | 61 | E | 3 | b | 29.96 | + .03 | 55 | 52 | - 2 | E | 3 | o | * | 64 | 53 | - | |
| Shields ... | 29.94 | 60 | ENE | 2 | b | 29.99 | + .05 | 57 | 52 | 0 | N | 0 | o | 2 | 65 | 54 | 0.04 | |
| Scarborough ... | 29.96 | 58 | ENE | 2 | b | 29.98 | + .04 | 58 | 53 | - 5 | NNE | 1 | c | 2 | 64 | 57 | - | |
| York ... | 29.95 | 63 | NE | 2 | b | 29.98 | + .04 | 58 | 54 | 0 | ENE | 1 | c | * | 72 | 56 | - | |
| Nottingham ... | 29.91 | 65 | NE | 4 | b | 29.97 | + .04 | 60 | 56 | - 1 | NNE | 3 | b | * | 74 | 49 | - | |
| Ardrossan ... | 29.91 | 66 | S | 1 | o | 29.94 | - .03 | 56 | 54 | - 1 | NE | 2 | om | 2 | 70 | 55 | - | |
| Greencastle ... | 29.91 | 62 | E | 2 | c | 29.89 | - .08 | 58 | 56 | - 2 | E | 2 | o | * | 69 | 50 | - | |
| Donaghadee ... | 29.92 | 61 | N | 2 | b | 29.93 | - .04 | 57 | 57 | + 2 | ESE | 3 | r | 2 | 64 | 55 | 0.15 | |
| Kingstown ... | 29.92 | 61 | ESE | 1 | c | 29.88 | - .09 | 61 | 59 | + 2 | SSE | 4 | og | 3 | 62 | 58 | 0.01 | |
| Holyhead ... | 29.90 | 62 | NNE | 2 | c | 29.88 | - .04 | 61 | 60 | + 1 | E | 1 | o | 0 | 67 | 59 | - | |
| Liverpool (Bidston) ... | 29.87 | 65 | N | 1 | c | 29.94 | + .02 | 58 | 55 | - 2 | ESE | 2 | c | 1 | 68 | 54 | - | |
| Valencia ... | 29.82 | 65 | SE | 4 | c | 29.82 | - .06 | 58 | 57 | - 2 | N | 0 | rmg | 1 | 66 | 56 | 0.29 | |
| Roche's Point ... | 29.90 | 60 | E | 4 | o | 29.82 | - .09 | 61 | 59 | + 1 | E | 4 | o | 4 | 66 | 55 | 0.32 | |
| Pembroke ... | 29.86 | 64 | NNE | 2 | c | 29.85 | - .01 | 61 | 60 | + 2 | SE | 2 | o | 2 | 71 | 60 | 0.06 | |
| Portishead ... | | | | | | | | | | | | | | | | | | |
| Scilly ... | 29.88 | 62 | SW | 1 | o | 29.82 | - .02 | 59 | 58 | - 5 | S | 5 | op | 5 | 64 | ? | 0.13 | |
| Plymouth ... | 29.85 | 67 | N | 0 | o | 29.86 | + .05 | 61 | 59 | - 2 | E | 3 | o | * | 71 | 58 | 0.05 | |
| Hurst Castle ... | 29.82 | 68 | E | 3 | b | 29.90 | + .08 | 61 | 60 | - 2 | ESE | 3 | o | 3 | 70 | 59 | - | |
| Dover ... | 29.83 | 64 | E | 3 | c | 29.92 | + .04 | 61 | 56 | - 1 | ENE | 3 | b | 1 | 67 | 57 | - | |
| London ... | 29.85 | 66 | ENE | 2 | b | 29.93 | + .05 | 61 | 56 | - 1 | ENE | 3 | c | * | 74 | 53 | - | |
| Oxford ... | 29.85 | 65 | NNE | 1 | c | 29.96 | + .08 | 57 | 55 | - 5 | N | 2 | r | * | 72 | 52 | - | |
| Cambridge ... | 29.88 | 64 | ENE | 1 | o | 29.95 | + .05 | 56 | 54 | - 1 | NE | 1 | b | * | 73 | 47 | - | |
| Yarmouth ... | 29.90 | 63 | NE | 3 | b | 29.94 | + .02 | 60 | 54 | - 3 | NE | 2 | b | 3 | 67 | 56 | - | |
| The Helder ... | * | * | * | * | * | 29.88 | - .03 | 60 | 53 | - 2 | NNW | 1 | b | * | * | * | - | |
| Cape Gris Nez ... | 29.82 | 63 | ENE | 3 | c | 29.90 | + .03 | 59 | 59 | 0 | NE | 3 | r | 3 | 66 | 59 | 0.04 | |
| Jersey ... | 29.86 | 63 | NE | 1 | c | 29.90 | + .14 | 62 | 61 | 0 | E | 3 | om | 3 | 67 | 60 | 0.11 | |
| Brest ... | 30.00 | 62 | N | 2 | m | 29.89 | + .10 | 61 | 61 | - 2 | NNW | 4 | o | 5 | 66 | 55 | 0.59 | |
| L'Orient ... | 29.89 | 61 | NNW | 4 | r | 29.91 | + .22 | 61 | 59 | - 2 | N | 8 | r | 3 | 72 | 55 | 0.28 | |
| Rochefort ... | 30.01 | 70 | N | 7 | o | 30.00 | + .19 | 66 | 63 | 0 | SW | 4 | b | 3 | 77 | 59 | 0.08 | |
| Biarritz ... | 30.08 | 72 | NNW | 4 | c | 30.01 | .00 | 64 | 61 | - 6 | E | 2 | b | 4 | 72 | 59 | - | |
| Corunna ... | * | * | * | * | * | | | * | * | * | | | | | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.89 | + .04 | 69 | 55 | 0 | NE | 4 | a | * | 66 | 55 | - | |
| Charleville ... | * | * | * | * | * | 29.71 | + .02 | 60 | * | + 1 | NNW | 3 | o | * | * | * | * | |
| Paris ... | 29.73 | 65 | S | 3 | c | 29.89 | + .05 | 61 | 59 | 0 | NNE | 1 | o | * | * | * | 0.12 | |
| Lyons ... | * | * | * | * | * | 29.98 | + .15 | 72 | * | 0 | SW | 2 | o | * | * | * | * | |
| Toulon ... | 29.85 | 75 | N | 5 | b | 29.87 | - .04 | 66 | 55 | - 6 | NNW | 6 | b | 6 | 84 | ? | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|---|---|
| Skudesnaes ... | 29.87 | 58 | 50 | NW | 6 | b c | 4 | Valencia | 29.85 | 64 | 59 | SE | 2 | o | 2 |
| Thurso | 30.03 | 59 | 53 | ESE | 1 | o | 3 | Scilly | 29.88 | 63 | 61 | N | 0 | o | 3 |
| Scarborough ... | 29.95 | 61 | 58 | E | 2 | c | 2 | London | 29.86 | 69 | 63 | ENE | 3 | c | * |
| Greencastle ... | 29.94 | 65 | 61 | NE | 2 | b | * | Rochefort ... | 29.97 | 68 | 64 | N | 9 | o | 7 |
| Holyhead | 29.90 | 64 | 61 | NNE | 3 | b | 2 | | | | | | | | |

From the observations of this afternoon it would appear that the depression in the S. is being filled up.
The wind at Scilly has lulled to a calm.

EXPLANATION OF COLUMNS.

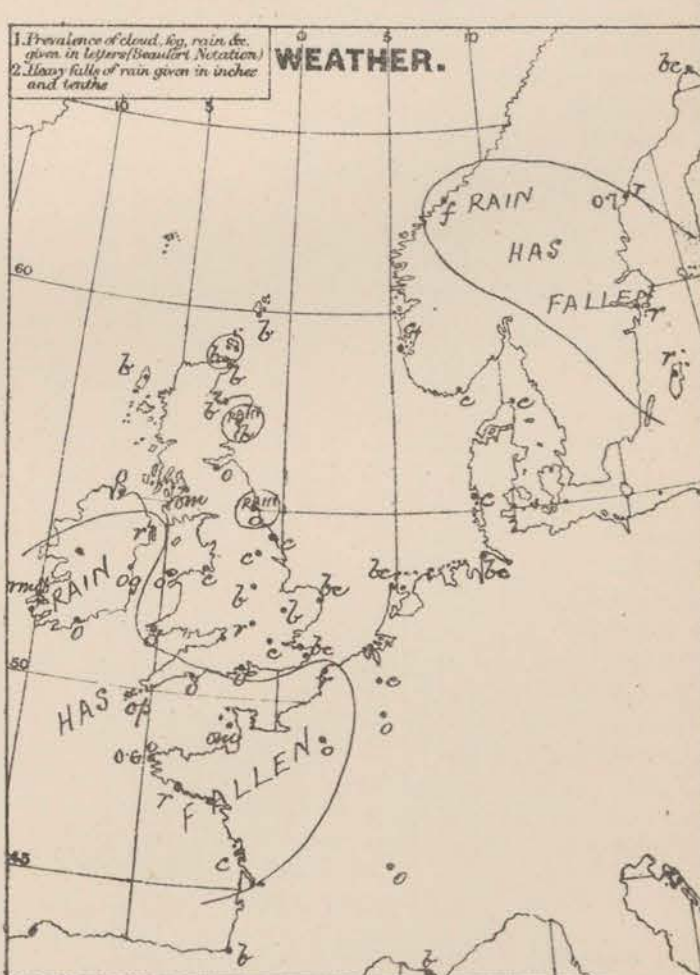
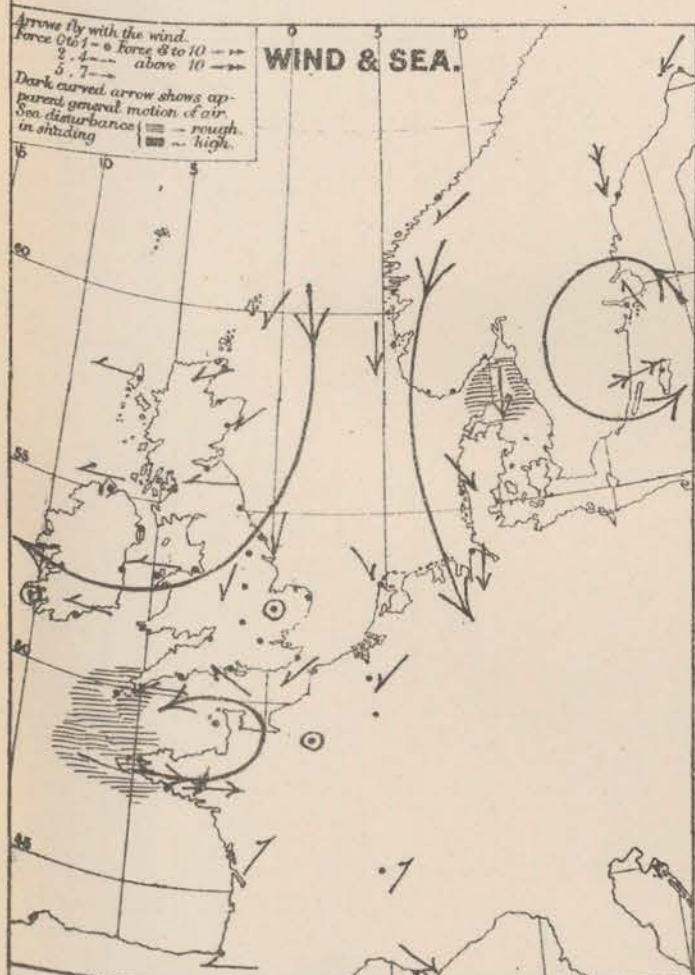
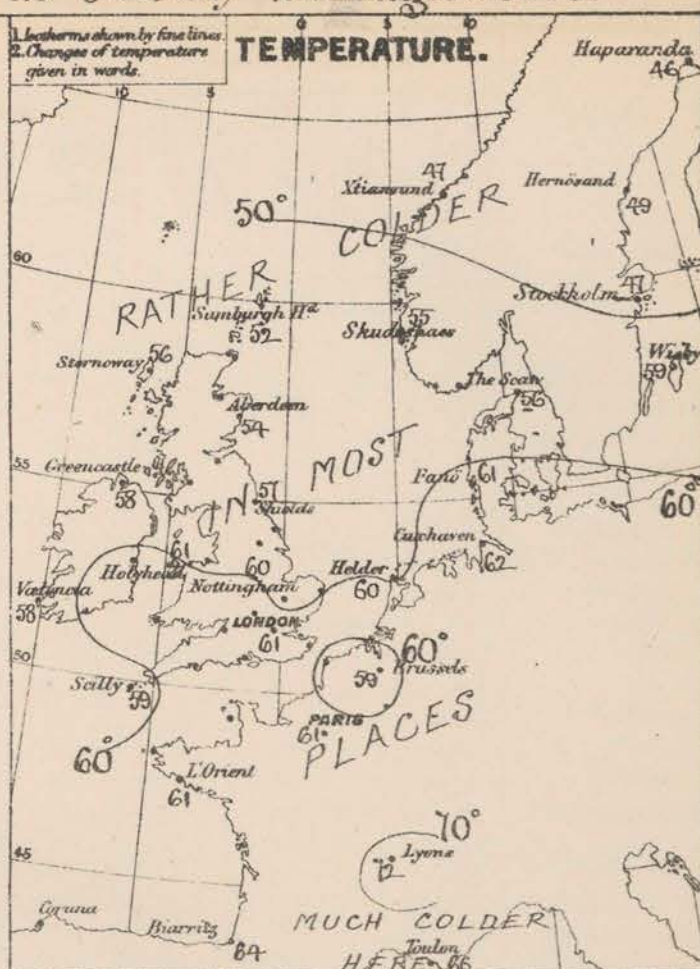
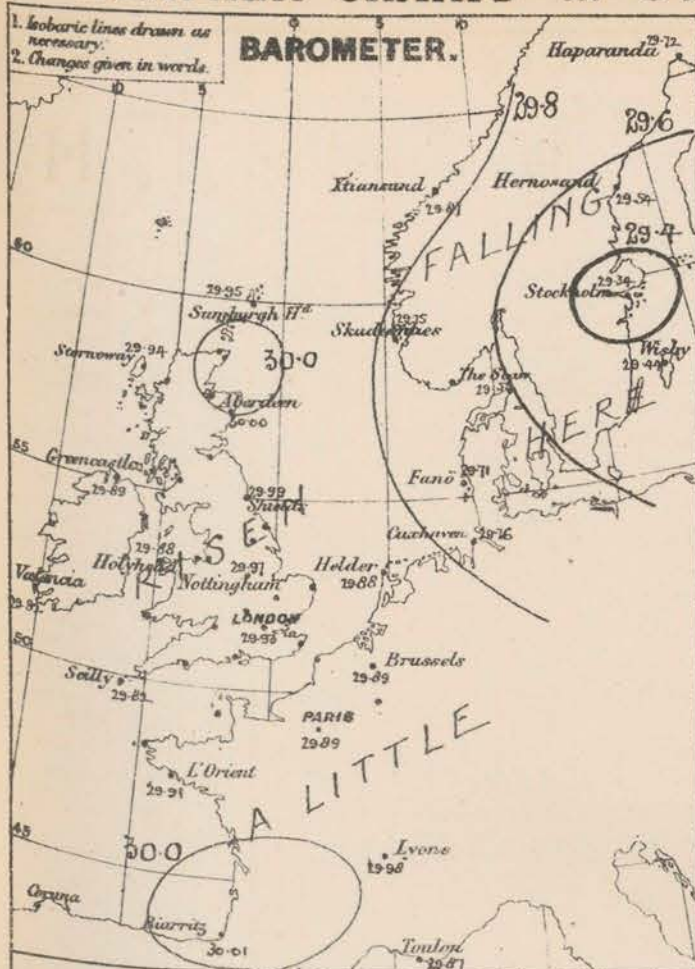
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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 August 1878.



REMARKS. Weather is fine over all the N^o and E^o parts of Great Britain and also in Denmark and Holland, but is overcast and gloomy elsewhere, with some rain on the W. coast, and at the Swedish stations. No amount having been considered at some of the Swedish stations as well as on our extreme W. coasts. Temperature has decreased a little in most places, but in the S. of France the fall has been very considerable. Readings were very low about 47° in the N^o parts of Scandinavia and 54° in the N. of Scotland, 61° in the S. of England and 66° in the S. of France. Frost is still very variable, it is chiefly light from NE to E in our islands, whilst it is W over the Bay of Biscay, and blows a fresh gale at Lorient. To the E of the North Sea an entirely distinct circulation is in progress, the wind being strong to a gale from the N in the N^o parts of Sweden, whilst it is fresh from NW in Denmark, and the S. of Norway, and blows a gale from W at Wicky (Baltic). Sea is rather rough at the Cape, and also at the mouth of the Channel. Barometrical indications. Barometrical pressure is very irregularly distributed. It is rather high (30 ins) in the N. of Scotland and NW of France, and a band of high pressure enters these two regions, passing over France, and all the E^o and N^o parts of Great Britain. The small depression noticed near Lorient yesterday is now near Jersey, and is about filled up, but a new disturbance is advancing from the Baltic in a W^o direction over Sweden.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 1/6 per quarter, book post 5/- per quarter.

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

R. H. SCOTT.
Secretary.

DAILY WEATHER REPORT August 21st 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PART 4 HOUR. | | |
|-------------------------|------------------------------------|-----------------|-------|------------------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|------------------|----------|----------------|--------------|------|---------------------|
| | 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 15). | Force (0 to 15). | | 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 15). | Force (0 to 15). | | | Max. | Min. | |
| Haparanda ... | 29.72 | 49 | N | 2 | 0 | | 29.74 | + .02 | 49 | 46 | + 3 | NE | 4 | 0 | * | 3 | 43 | — | |
| Hernösand ... | 29.68 | 49 | NE | 4 | † | | 29.72 | + .18 | 46 | 44 | — 3 | NN | 4 | 0 | * | * | * | 0.43 | |
| Stockholm ... | 29.52 | 48 | N | 2 | 0 | | 29.66 | + .32 | 52 | 50 | + 5 | NN | 6 | 0 | * | * | * | 0.43 | |
| Wisby ... | 29.41 | 56 | NNN | 6 | bc | | 29.64 | + .20 | 55 | 57 | — 4 | NNN | 8 | bc | * | * | * | 0.52 | |
| Christiansund ... | 29.91 | 50 | NNN | 2 | c | | 29.99 | + .06 | 49 | 46 | + 2 | ESE | 1 | 0 | 3 | 52 | 43 | — | |
| Skudesnaes ... | 29.79 | 54 | NNN | 6 | bc | | 29.85 | + .10 | 57 | 57 | + 2 | NNN | 6 | c | 2 | 3 | 54 | — | |
| Oxö (Xtiansand) ... | 29.73 | 52 | SSN | 1 | bc | | 29.80 | + .12 | 59 | 56 | + .5 | ESE | 4 | c | 3 | 63 | 57 | — | |
| Skagen (The Seaw) ... | 29.75 | 60 | Σ | 0 | bc | | 29.84 | + .25 | 59 | 53 | + 3 | NE | 2 | bc | 2 | 66 | 54 | — | |
| Fanö ... | 29.83 | 56 | NN | 1 | c | | 29.91 | + .20 | 63 | 57 | + 2 | NNN | 1 | c | * | 64 | 57 | — | |
| Cuxhaven ... | 29.89 | 62 | N | 3 | c | | 29.95 | + .19 | 60 | 59 | — 2 | NN | 3 | c | * | 64 | 55 | 0.11 | |
| Sambergh Head ... | 29.97 | 52 | NE | 3 | c | | 29.99 | + .04 | 57 | 57 | — 1 | NNN | 2 | c | 3 | 58 | 46 | — | |
| Stornoway ... | 29.97 | 57 | ENE | 4 | bc | | 29.97 | + .03 | ? | ? | ? | E | ? | c | 3 | 61 | 57 | — | |
| Thurso ... | 30.03 | 56 | NE | 1 | bc | | 30.05 | + .03 | 53 | 50 | — 1 | Σ | 0 | 0 | 1 | 62 | 38 | — | |
| Wick ... | 30.03 | 56 | E | 2 | bc | | 30.04 | + .03 | 54 | 57 | 0 | N | 1 | 0 | 0 | 63 | 40 | — | |
| Nairn ... | 30.01 | 55 | Σ | 0 | bc | | 30.04 | + .04 | 52 | 57 | — 1 | Σ | 0 | † | 1 | 59 | 49 | — | |
| Aberdeen ... | 30.01 | 57 | E | 1 | c | | 30.03 | + .03 | 57 | 54 | + 3 | Σ | 0 | bc | 0 | 61 | 53 | — | |
| Leith ... | 29.98 | 58 | ESE | 4 | 0 | | 30.00 | + .04 | 56 | 54 | + 1 | Σ | 0 | 0 | * | 64 | 53 | — | |
| Shields ... | 30.00 | 58 | NE | 1 | c | | 30.06 | + .07 | 60 | 53 | + 3 | SN | 1 | m | 2 | 62 | 44 | — | |
| Scarborough ... | 30.01 | 58 | NE | 1 | c | | 30.07 | + .09 | 59 | 55 | + 1 | SN | 1 | 0 | 1 | 61 | 53 | — | |
| York ... | 30.01 | 61 | E | 1 | 0 | | 30.07 | + .09 | 55 | 52 | — 3 | Σ | 1 | bc | * | 65 | 48 | — | |
| Nottingham ... | 30.00 | 64 | NE | 1 | c | | 30.07 | + .10 | 61 | 56 | + 1 | ESE | 2 | bc | * | 71 | 50 | — | |
| Ardrossan ... | 29.96 | 62 | Σ | 0 | c | | 30.01 | + .07 | 57 | 55 | + 1 | E | 1 | m | 0 | 66 | 56 | — | |
| Greencastle ... | 29.92 | 62 | SE | 2 | 0 | | 29.97 | + .08 | 59 | 58 | + 1 | E | 2 | † | * | 67 | 57 | — | |
| Donaghadee ... | 29.96 | 60 | SN | 2 | 0 | | 29.98 | + .05 | 58 | 58 | + 1 | SE | 2 | c | 1 | 60 | 54 | 0.01 | |
| Kingstown ... | 29.94 | 62 | SSE | 4 | 0 | | 29.96 | + .08 | 60 | 58 | — 1 | SE | 24 | c | 3 | 63 | 58 | 0.05 | |
| Holyhead ... | 29.94 | 62 | NNN | 2 | c | | 29.98 | + .10 | 59 | 57 | — 2 | SSE | 1 | bc | 0 | 67 | 53 | 0.04 | |
| Liverpool (Bidston) ... | 29.95 | 63 | ESE | 1 | c | | 30.024 | + .08 | 59 | 54 | + 1 | ESE | 2 | bc | 1 | 67 | 54 | — | |
| Valencia ... | 29.87 | 61 | N | 1 | c | | 29.85 | + .03 | 61 | 58 | + 3 | E | 2 | c | 3 | 66 | 57 | 0.04 | |
| Roche's Point ... | 29.91 | 62 | SE | 3 | c | | 29.90 | + .08 | 62 | 59 | + 1 | S | 1 | bc | 3 | 70 | 58 | 0.40 | |
| Pembroke ... | 29.89 | 62 | ESE | 4 | 0 | | 29.93 | + .08 | 59 | 58 | — 2 | SE | 5 | 0 | 3 | 63 | 58 | 0.05 | |
| Portishead ... | | | | | | | | | | | | | | | | | | | |
| Scilly ... | 29.89 | 62 | NN | 5 | cp | | 29.95 | + .13 | 63 | 61 | + 4 | S | 3 | 0 | 5 | 70 | 58 | 0.03 | |
| Plymouth ... | 29.88 | 59 | Σ | 0 | † | | 29.98 | + .09 | 59 | 58 | — 2 | NE | 2 | 0 | * | 64 | 55 | 0.45 | |
| Hurst Castle ... | 29.93 | 64 | SE | 4 | c | | 29.98 | + .08 | 62 | 61 | + 1 | SE | 5 | opg | 5 | 68 | 59 | 0.02 | |
| Dover ... | 29.96 | 62 | E | 2 | bc | | 30.04 | + .12 | 64 | 57 | + 3 | E | 2 | bc | 1 | 65 | 57 | — | |
| London ... | 29.96 | 63 | E | 2 | 0 | | 30.03 | + .10 | 58 | 54 | — 3 | ENE | 2 | 0 | * | 68 | 53 | — | |
| Oxford ... | 29.95 | 63 | E | 1 | 0 | | 30.03 | + .07 | 55 | 52 | — 2 | ENE | 2 | 0 | * | 65 | 53 | — | |
| Cambridge ... | 29.97 | 63 | NE | 1 | c | | 30.05 | + .10 | 57 | 54 | + 1 | E | 1 | bc | * | 68 | 44 | — | |
| Yarmouth ... | 29.99 | 64 | NNE | 2 | bc | | 30.06 | + .12 | 59 | 54 | — 1 | N | 1 | bc | 2 | 64 | 50 | — | |
| The Helder ... | * | * | * | * | * | | 30.02 | + .14 | 60 | 55 | 0 | NN | 1 | bc | * | * | * | — | |
| Cape Gris Nez ... | 29.95 | 59 | NE | 3 | 0 | | 30.06 | + .16 | 61 | 55 | + 2 | ESE | 1 | bc | 0 | 66 | 52 | — | |
| Jersey ... | 29.95 | 63 | N | 4 | bc | | 30.03 | + .13 | 62 | 62 | 0 | N | 3 | bc | 3 | 65 | 57 | 0.21 | |
| Brest ... | 30.05 | ? | N | 3 | bc | | 30.06 | + .17 | 61 | 59 | 0 | SN | 2 | 0 | 4 | 64 | 57 | — | |
| L'Orient ... | 30.01 | 63 | NN | 5 | bc | | 30.06 | + .15 | 63 | 63 | + 2 | E | 2 | bc | 2 | 72 | 54 | — | |
| Rochefort ... | 30.04 | 68 | NNN | 5 | c | | 30.08 | + .08 | 63 | 61 | — 3 | ESE | 3 | bc | 3 | 81 | 59 | 0.35 | |
| Biarritz ... | 30.13 | 70 | N | 4 | 0 | | 30.14 | + .03 | 63 | 61 | — 1 | ENE | 3 | c | 5 | 72 | 57 | — | |
| Coranna ... | * | * | * | * | * | | | | | | | | | | | | | | |
| Brussels ... | * | * | * | * | * | | 30.06 | + .17 | 57 | 53 | — 2 | E | 2 | bc | * | 65 | 57 | — | |
| Charleville ... | * | * | * | * | * | | 30.00 | + .19 | 56 | * | — 4 | NN | 1 | bc | * | * | * | — | |
| Paris ... | 29.93 | 63 | NNE | 1 | 2 | | 30.03 | + .14 | 60 | 59 | — 1 | NN | 1 | f | * | * | * | 0.16 | |
| Lyons ... | * | * | * | * | * | | 30.08 | + .10 | 68 | * | — 4 | NN | 2 | bc | * | * | * | — | |
| Toulon ... | 29.86 | 70 | NN | 7 | bc | | 29.95 | + .08 | 64 | 57 | — 2 | NN | 6 | bc | 5 | 75 | 64 | — | |

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.76 | 58 | 52 | NN | 8 | bc | 3 | Valencia | 29.86 | 67 | 60 | NNN | 2 | c | 3 |
| Thurso | 30.03 | 58 | 50 | ENE | 1 | bc | 2 | Scilly | 29.83 | 70 | 66 | SSN | 0 | bc | 5 |
| Scarborough ... | 30.01 | 59 | 53 | NE | 2 | bc | 2 | London | 29.96 | 65 | 57 | E | 2 | o | * |
| Greencastle ... | 29.92 | 62 | 59 | NNE | 2 | o | * | Rochefort ... | 30.02 | 70 | 64 | NNN | 6 | o | 4 |
| Holyhead | 29.94 | 63 | 60 | SN | 2 | m | 1 | | | | | | | | |

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. light rain; 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.

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 August 22nd 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PART 24 HOURS. | | |
|-------------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|----------------|-----------------|--|
| | Barometer at 320 F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9.) | SHADE TEMP. | | Amount of Rain. | |
| | | | Dir. | Force. (0 to 11). | | Reading at 320 F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 11). | | | Max. | Min. | | |
| Haparanda ... | 29.73 | 50 | N | 2 | 0 | 29.71 | -.03 | 46 | 45 | -3 | N | 2 | bc | * | 54 | 34 | - | |
| Hernösand ... | 29.76 | 52 | NNH | 2 | 0 | 29.83 | +.11 | 56 | 49 | +9 | NNH | 4 | 0 | * | * | * | - | |
| Stockholm ... | 29.80 | 53 | Z | 0 | 0 | 29.88 | +.22 | 57 | 46 | -1 | N | 2 | 0 | * | * | * | - | |
| Wisby ... | 29.77 | 57 | N | 6 | 0 | 29.84 | +.20 | 59 | 55 | +4 | NNH | 6 | 0 | * | * | * | - | |
| Christiansund ... | 29.99 | 58 | SH | 1 | 0 | 29.99 | +.06 | 50 | 46 | +1 | SSH | 2 | 0 | 4 | 61 | 43 | - | |
| Skudesnaes ... | 29.92 | 54 | NNH | 6 | 0 | 30.00 | +.15 | 55 | 50 | -2 | NNH | 6 | 0 | 2 | ? | 54 | - | |
| Oxö (Xtiansand) ... | 29.91 | 58 | ENE | 2 | 0 | 29.96 | +.16 | 53 | 57 | -6 | NNH | 1 | 0 | 2 | 59 | 50 | - | |
| Skagen (The Seaw) ... | 29.89 | 57 | Z | 0 | 0 | 29.98 | +.14 | 59 | 55 | 0 | Z | 0 | 0 | 0 | 68 | 46 | - | |
| Fanö ... | 29.98 | 58 | WSH | 4 | 0 | 30.02 | +.11 | 58 | 55 | -5 | NNH | 5 | 0 | * | 64 | 54 | - | |
| Cuxhaven ... | 30.10 | 62 | NNH | 2 | 0 | 30.07 | +.12 | 60 | 55 | 0 | N | 2 | 0 | * | ? | 55 | - | |
| Sumburgh Head ... | 30.06 | 52 | NNH | 1 | 0 | 30.13 | +.14 | 57 | 49 | 0 | ENE | 1 | 0 | 1 | 56 | 45 | - | |
| Stornoway ... | 29.99 | 59 | ESE | 2 | 0 | 30.01 | +.04 | 58 | 57 | ? | E | 1 | 0 | 2 | 62 | 57 | - | |
| Thurso ... | 30.06 | 54 | ESE | 2 | 0 | 30.07 | +.02 | 57 | 53 | +4 | SSE | 2 | 0 | 1 | 63 | 45 | - | |
| Wick ... | 30.06 | 54 | SE | 3 | 0 | 30.07 | +.03 | 56 | 54 | +2 | SE | 3 | 0 | 2 | 64 | 50 | - | |
| Nairn ... | 30.06 | 59 | SE | 1 | 0 | 30.06 | +.02 | 52 | 57 | 0 | Z | 0 | 0 | 0 | 61 | 49 | 0.01 | |
| Aberdeen ... | 30.03 | 58 | ESE | 2 | 0 | 30.07 | +.04 | 58 | 55 | +1 | ESE | 2 | 0 | 2 | 62 | 52 | - | |
| Leith ... | 29.98 | 60 | E | 1 | 0 | 30.02 | +.02 | 56 | 55 | 0 | NE | 1 | 0 | * | 62 | 55 | 0.02 | |
| Shields ... | 30.02 | 59 | SE | 2 | 0 | 30.06 | .00 | 56 | 53 | -4 | WSH | 1 | 0 | 2 | 64 | 50 | - | |
| Scarborough ... | 30.05 | 57 | SE | 2 | 0 | 30.07 | .00 | 60 | 56 | +1 | SSE | 3 | 0 | 2 | 64 | 52 | - | |
| York ... | 30.04 | 63 | S | 2 | 0 | 30.06 | -.01 | 58 | 54 | +3 | ESE | 2 | 0 | * | 69 | 46 | - | |
| Nottingham ... | 30.02 | 63 | ENE | 3 | 0 | 30.03 | -.04 | 60 | 55 | -1 | NE | 3 | 0 | * | 73 | 49 | - | |
| Ardrossan ... | 29.99 | 65 | ESE | 1 | 0 | 30.01 | .00 | 57 | 55 | 0 | NE | 3 | bc | 2 | 67 | 54 | - | |
| Greencastle ... | 29.93 | 64 | SSE | 2 | 0 | 29.94 | -.03 | 60 | 56 | +1 | E | 2 | 0 | * | 70 | 52 | - | |
| Donaghadee ... | 29.97 | 60 | ESE | 3 | 0 | 29.97 | -.01 | 59 | 57 | +1 | E | 4 | 0 | 2 | 64 | 56 | - | |
| Kings own ... | 29.95 | 61 | SSE | 4 | 0 | 29.90 | -.06 | 61 | 59 | +1 | SE | 4 | 0 | 3 | 64 | 59 | 0.07 | |
| Holyhead ... | 29.96 | 65 | NNH | 1 | 0 | 29.94 | -.04 | 61 | 58 | +2 | ESE | 2 | 0 | 0 | 70 | 58 | - | |
| Liverpool (Hidston) ... | 29.98 | 64 | ESE | 1 | 0 | 29.98 | -.04 | 59 | 56 | 0 | ESE | 3 | 0 | 1 | 67 | 55 | - | |
| Valencia ... | 29.73 | 64 | SE | 5 | 0 | 29.61 | -.24 | 61 | 59 | 0 | E | 4 | og | 4 | 57 | 58 | 0.46 | |
| Roche's Point... .. | 29.84 | 64 | SSE | 5 | 0 | 29.70 | -.20 | 59 | 58 | -3 | SE | 8 | 7 | 5 | 69 | 58 | 0.38 | |
| Pembroke ... | 29.92 | 64 | SE | 3 | 0 | 29.83 | -.10 | 61 | 58 | +2 | ESE | 6 | 0 | 4 | 64 | 59 | - | |
| Portishead ... | | | | | | | | | | | | | | | | | | |
| Scilly ... | 29.90 | 62 | SSE | 5 | cp | 29.70 | -.25 | 61 | 59 | -2 | ESE | 8 | opw | 6 | 64 | 58 | 0.18 | |
| Plymouth ... | 29.96 | 63 | S | 2 | 0 | 29.84 | -.11 | 62 | 60 | +3 | E | 4 | bc | * | 68 | 56 | - | |
| Hurst Castle ... | 29.99 | 65 | SH | 3 | cp | 29.94 | -.04 | 63 | 63 | +1 | E | 3 | bc | 3 | 68 | 66 | 0.02 | |
| Dover ... | 30.03 | 63 | E | 3 | bc | 29.99 | -.05 | 62 | 56 | -2 | E | 3 | bcg | 1 | 67 | 60 | - | |
| London ... | 30.02 | 64 | ESE | 2 | 0 | 29.97 | -.06 | 62 | 58 | +4 | ESE | 2 | 0 | * | 72 | 55 | - | |
| Oxford ... | 30.04 | 64 | ESE | 1 | 0 | 29.97 | -.06 | 60 | 57 | +5 | SE | 1 | 0 | * | 64 | 54 | - | |
| Cambridge ... | 30.05 | 62 | ESE | 1 | 0 | 30.01 | -.04 | 62 | 58 | +5 | E | 1 | 0 | * | 72 | 50 | - | |
| Yarmouth ... | 30.05 | 62 | ESE | 2 | 0 | 30.04 | -.02 | 61 | 58 | +2 | ESE | 4 | 0 | 3 | 64 | 57 | 0.06 | |
| The Helder. ... | * | * | * | * | * | 30.07 | +.05 | 57 | 53 | -3 | SE | 1 | 0 | * | * | * | - | |
| Cape Gris Nez ... | 30.02 | 63 | ENE | 3 | 0 | 29.98 | -.08 | 64 | 57 | +3 | ESE | 3 | 0 | 2 | 72 | 57 | - | |
| Jersey ... | 30.04 | 63 | SE | 1 | bc | 29.90 | -.13 | 64 | 61 | +2 | SE | ? | bc | 3 | 66 | 59 | - | |
| Brest ... | 30.03 | ? | S | 3 | 0 | 29.82 | -.24 | 61 | 61 | 0 | SSE | 4 | r | 5 | 66 | 59 | - | |
| L'Orient ... | 30.00 | 64 | SH | 2 | 0 | 29.82 | -.24 | 63 | 59 | 0 | SE | 4 | 0 | 3 | 70 | 57 | - | |
| Rochefort ... | 30.02 | 72 | ESE | 3 | 0 | 29.88 | -.20 | 64 | 61 | +1 | ESE | 3 | 0 | 3 | 77 | 57 | - | |
| Biarritz ... | 29.90 | 73 | ENE | 4 | bc | 29.81 | -.23 | 70 | 66 | +7 | SE | 2 | bc | 0 | 79 | 59 | - | |
| Corunna ... | * | * | * | * | * | | | | | | | | | | * | * | * | |
| Brussels ... | * | * | * | * | * | 30.03 | -.03 | 57 | 52 | 0 | E | 1 | 0 | * | 68 | 48 | - | |
| Charleville ... | * | * | * | * | * | 29.96 | -.04 | 60 | * | +4 | E | 1 | 0 | * | * | * | - | |
| Paris ... | 29.99 | 67 | ESE | 1 | 0 | 29.96 | -.07 | 60 | 59 | 0 | ESE | 1 | f | * | * | * | - | |
| Lyons ... | * | * | * | * | * | 30.02 | -.06 | 64 | * | -4 | SE | 2 | 0 | * | * | * | - | |
| Toulon ... | 29.94 | ? | NNH | 6 | 0 | 30.00 | +.05 | 68 | 59 | +4 | NNH | 3 | bc | 3 | 72 | 63 | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | |
|-----------------|-------|------|------|-------|------|------|----------------|-------|------|------|-------|------|------|---|
| Skudesnaes ... | 29.89 | 58 | 52 | NT | 6 | 3 | Valencia | 29.78 | 66 | 60 | ESE | 5 | c | 5 |
| Thurso | 30.05 | 61 | 53 | E | 2 | bc | Scilly | 29.94 | 64 | 62 | S | 5 | o | 4 |
| Scarborough... | 30.06 | 59 | 55 | SE | 2 | bc | London | 30.04 | 66 | 58 | SE | 2 | o | * |
| Greencastle ... | 29.95 | 66 | 60 | SE | 2 | o | Rochefort ... | 30.04 | 70 | 63 | NN | 3 | c | 3 |
| Holyhead | 29.98 | 68 | 61 | SSH | 2 | bc | | | | | | | | |

The barometer is falling steadily in the N. and the S. winds on our SW coasts are freshening with cloudy weather. Over the eastern districts a SE breeze is springing up.

EXPLANATION OF COLUMNS.

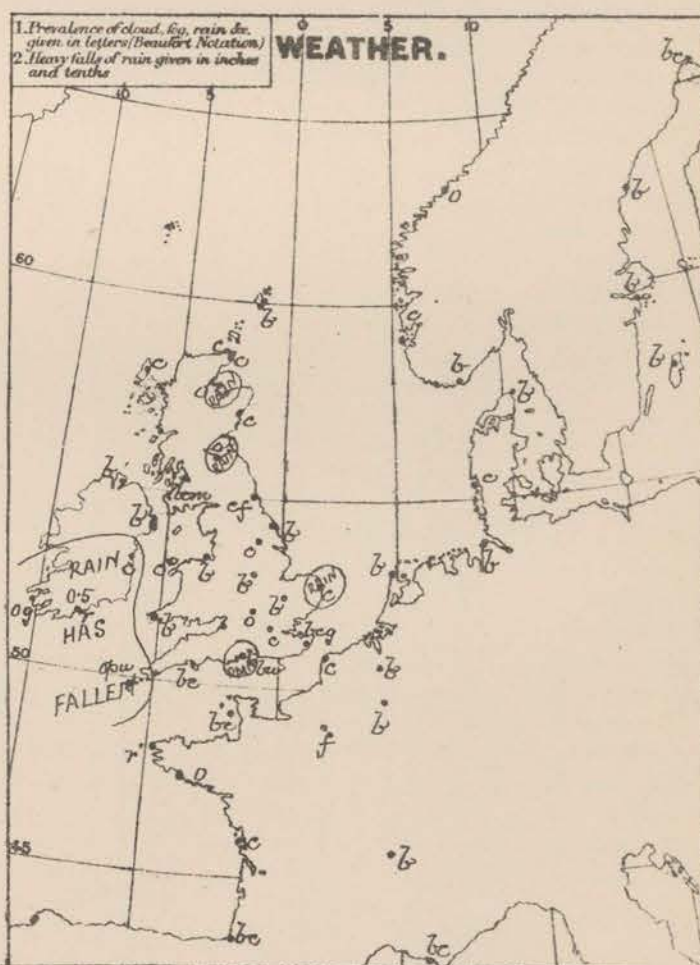
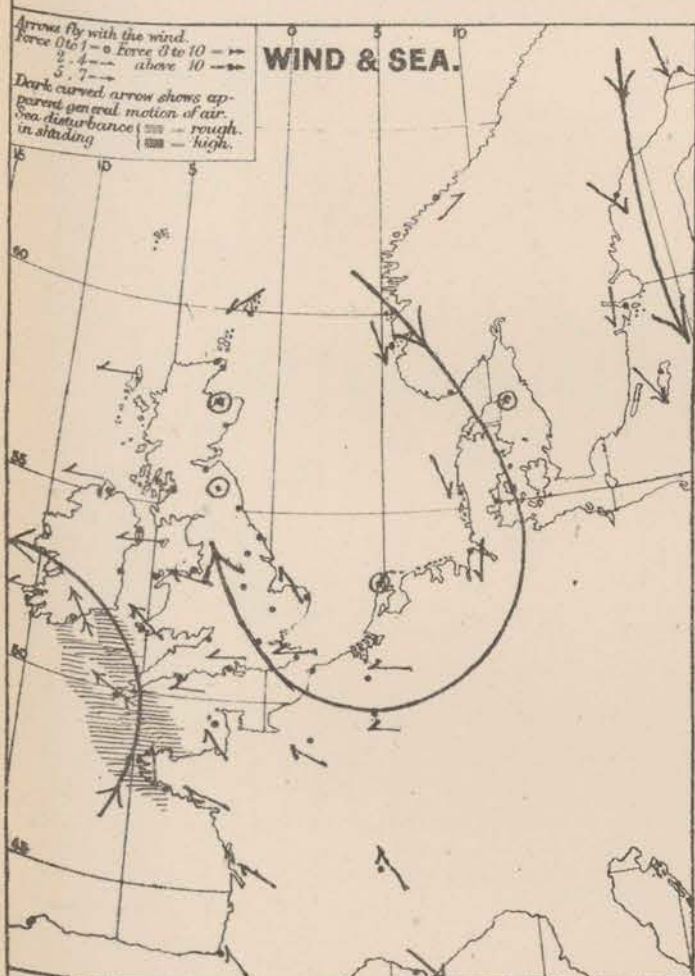
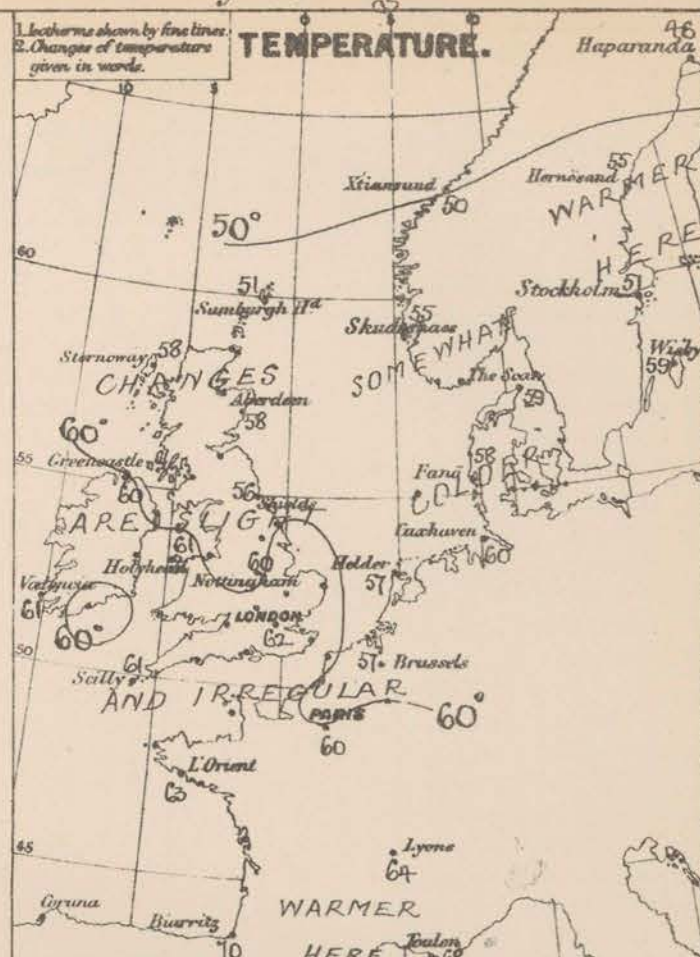
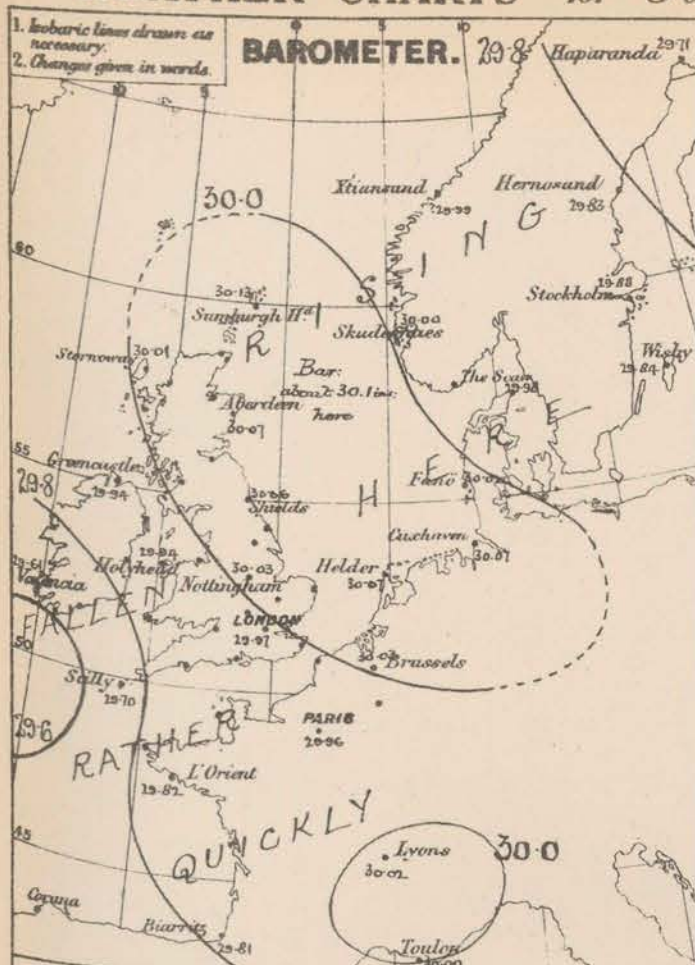
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency of air; w. dew.

* 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.

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

WEATHER CHARTS *for 8 a.m. on Thursday 22 August 1878.*



REMARKS. Weather is rather cloudy, but fair at the N^w and E^w stations, very cloudy or overcast elsewhere, with threatening appearance and rain on our NW coasts. About four tenths of an inch of rain having fallen in the S of Dublin is unexpected, during morning, and two tenths at Sicily, but no other facts scarcely any is reported. Temperature has risen a little in France, but shows hardly any change in our Islands. The maximum readings over England yesterday were 72° to 73° at London, Cambridge and Nottingham. Wind is SE over the United Kingdom and France, and, though light in the N and E is freshening considerably in the west, and blows a fresh gale at Sicily and Rocher Point. A fresh E^w gale was felt at Valencia early this morning, but has since lulled. Sea is rough off our NW coasts, smooth in the SE, E and N. Barometrical Indications. The centre of a well formed and rather deep depression has arrived off the S of Ireland from the NW during the night, making gradients rather steep for SE winds at our NW stations. In the NE the barometer still rises; an area of high pressure lies over the North Sea, and another (smaller one) over the S of France. The new depression is not likely to advance much further to the E^w, but will probably move away slowly in a NW direction.

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

R. H. SCOTTY.

Sort of a

DAILY WEATHER REPORT *August 23rd* 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 24 HOURS. | | |
|-------------------------|------------------------------------|-----------------|-------|-------------------|----------|---|----------------|------|-------|----------|----------------|-------------|------|-----------------|------|--|----------------|--|--|
| | Barometer at 350 F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer. Reading at 350 F. and Sea Level. | SHADE TEMP. | | WIND. | Weather. | Sea. (0 to 9.) | SHADE TEMP. | | Amount of Rain. | | | | | |
| | | | Dir. | Force. (0 to 12). | | | Dry. | Wet. | | | | Max. | Min. | | | | | | |
| Haparanda ... | 29.63 | 50 | Z | 0 | b | 29.73 | + .02 | 48 | 45 | + 2 | N | 4 | 63 | 43 | - | | | | |
| Hernösand ... | 29.87 | 53 | N | 4 | b | 29.89 | + .06 | 54 | 47 | - 1 | NN | 6 | 58 | 48 | - | | | | |
| Stockholm ... | 29.93 | 52 | SW | 2 | b | 29.92 | + .04 | 56 | 50 | + 5 | ESE | 1 | 60 | 50 | - | | | | |
| Wishy ... | 29.88 | 52 | NNH | 4 | b | 29.91 | + .07 | 59 | 57 | 0 | NH | 6 | 60 | 50 | - | | | | |
| Christiansund ... | 30.02 | 52 | WSH | 3 | c | 29.98 | - .01 | 53 | 50 | + 3 | SSW | 1 | 54 | 46 | - | | | | |
| Skudesnaes ... | 30.02 | 53 | NNH | 4 | b | 29.95 | - .05 | 56 | 51 | + 1 | NNH | 4 | 57 | 52 | - | | | | |
| Oso (Tiansand) ... | 29.93 | 62 | SW | 4 | b | 29.95 | - .04 | 55 | 52 | + 2 | NNH | 2 | 63 | 52 | - | | | | |
| Skaugen (The Sea) ... | 30.01 | 57 | WSH | 1 | b | 29.99 | + .01 | 57 | 53 | - 2 | WSH | 1 | 72 | 48 | - | | | | |
| Fahö ... | 30.05 | 54 | NNH | 2 | b | 29.97 | - .05 | 58 | 54 | 0 | ENE | 4 | 63 | 48 | - | | | | |
| Cuxhaven ... | 30.19 | 62 | N | 1 | b | 29.96 | - .11 | 60 | 58 | 0 | E | 3 | ? | 55 | - | | | | |
| Sumburgh Head ... | 30.07 | 55 | S | 1 | b | 29.96 | - .17 | 53 | 52 | + 2 | SE | 1 | 59 | 46 | - | | | | |
| Stornoway ... | 29.98 | 58 | E | 3 | b | 29.89 | - .12 | 58 | 56 | 0 | ENE | 2 | 62 | 49 | - | | | | |
| Thurso ... | 30.04 | 57 | SE | 2 | b | 29.97 | - .10 | 58 | 54 | + 1 | SE | 2 | 64 | 46 | - | | | | |
| Wick ... | 30.03 | 58 | S | 4 | b | 29.95 | - .12 | 57 | 55 | + 1 | ESE | 3 | 64 | 53 | - | | | | |
| Nairn ... | 29.96 | 62 | Z | 0 | b | 29.91 | - .15 | 53 | 50 | + 1 | Z | 0 | 62 | 49 | - | | | | |
| Aberdeen ... | 30.03 | 59 | SE | 2 | b | 29.94 | - .13 | 56 | 53 | - 2 | E | 2 | 64 | 44 | - | | | | |
| Leith ... | 29.95 | 62 | S | 1 | b | 29.85 | - .17 | 56 | 54 | 0 | SE | 2 | 67 | 45 | - | | | | |
| Shields ... | 30.01 | 58 | ESE | 4 | b | 29.86 | - .20 | 59 | 58 | + 3 | E | 5 | 62 | 55 | - | | | | |
| Scarborough ... | 30.00 | 58 | SE | 3 | c | 29.81 | - .26 | 58 | 56 | - 2 | E | 5 | 61 | 52 | - | | | | |
| York ... | 29.98 | 59 | E | 3 | c | 29.77 | - .29 | 56 | 54 | - 2 | E | 3 | 68 | 46 | - | | | | |
| Nottingham ... | 29.95 | 62 | ENE | 6 | o | 29.66 | - .37 | 57 | 57 | - 3 | ENE | 3 | 71 | 54 | 0.58 | | | | |
| Ardrossan ... | 29.92 | 65 | NE | 2 | c | 29.83 | - .18 | 57 | 53 | 0 | E | 3 | 69 | 49 | - | | | | |
| Greencastle ... | 29.91 | 64 | E | 2 | b | 29.79 | - .15 | 56 | 54 | - 4 | E | 2 | 70 | 52 | - | | | | |
| Donaghadee ... | 29.97 | 60 | ENE | 4 | b | 29.77 | - .20 | 56 | 53 | - 3 | ENE | 6 | 64 | 54 | - | | | | |
| Kingstown ... | 29.87 | 63 | E | 5 | o | 29.67 | - .23 | 57 | 56 | - 4 | E | 7 | 64 | 57 | 0.18 | | | | |
| Holyhead ... | 29.81 | 63 | ENE | 5 | o | 29.66 | - .28 | 56 | 55 | - 5 | ENE | 6 | 69 | 54 | 0.39 | | | | |
| Liverpool (Bidston) ... | 29.86 | 61 | ENE | 3 | o | 29.65 | - .33 | 54 | 53 | - 5 | ENE | 5 | 67 | 53 | 0.12 | | | | |
| Valencia l. ... | 29.56 | 59 | ENE | 5 | r | 29.59 | - .02 | 58 | 57 | - 3 | NE | 3 | 64 | 58 | 0.13 | | | | |
| Roche's Point ... | 29.63 | 58 | ESE | 7 | o | 29.56 | - .14 | 57 | 56 | - 2 | NE | 4 | 62 | 56 | 0.86 | | | | |
| Pembroke ... | 29.71 | 63 | E | 6 | o | 29.52 | - .31 | 58 | 57 | - 3 | E | 3 | 64 | 56 | 0.49 | | | | |
| Portishead ... | | | | | | | | | | | | | | | | | | | |
| Scilly ... | 29.63 | 62 | SE | 5 | o | 29.49 | - .21 | 64 | 62 | + 3 | E | 4 | 64 | 59 | 0.37 | | | | |
| Plymouth ... | 29.69 | 60 | SE | 3 | o | 29.57 | - .33 | 61 | 59 | - 1 | ESE | 2 | 65 | 57 | 0.61 | | | | |
| Hurst Castle ... | 29.77 | 67 | SE | 4 | o | 29.49 | - .45 | 64 | 64 | + 1 | WSH | 3 | 68 | 60 | 0.99 | | | | |
| Dover ... | 29.86 | 65 | E | 5 | o | 29.58 | - .41 | 63 | 61 | + 1 | ESE | 4 | 67 | 61 | 0.05 | | | | |
| London ... | 29.85 | 65 | ESE | 4 | og | 29.56 | - .41 | 62 | 61 | 0 | ENE | 2 | 72 | 59 | 0.46 | | | | |
| Oxford ... | 29.83 | 63 | E | 3 | o | 29.53 | - .44 | 60 | 59 | 0 | E | 2 | 67 | 56 | 0.73 | | | | |
| Cambridge ... | 29.90 | 63 | SE | 1 | o | 29.60 | - .41 | 60 | 59 | - 2 | E | 2 | 70 | 56 | 0.26 | | | | |
| Yarmouth ... | 29.95 | 62 | E | 6 | b | 29.68 | - .36 | 62 | 60 | + 1 | E | 7 | 63 | 58 | - | | | | |
| The Helder ... | | | | | | 29.78 | - .29 | 58 | 54 | + 1 | E | 2 | | | | | | | |
| Cape Gris Nez ... | 29.85 | 68 | E | 4 | m | 29.60 | - .38 | 63 | 61 | - 1 | E | 3 | 75 | 59 | 0.04 | | | | |
| Jersey ... | 29.74 | 62 | SE | 3 | o | 29.56 | - .34 | 63 | 62 | - 1 | SH | 4 | 66 | 59 | 0.38 | | | | |
| Brest ... | 29.71 | 64 | S | 4 | r | 29.55 | - .27 | 61 | 59 | 0 | S | 3 | ? | 57 | 1.06 | | | | |
| L'Orient ... | 29.71 | 63 | SE | 3 | r | 29.57 | - .25 | 63 | 59 | 0 | SH | 3 | 66 | 57 | 0.39 | | | | |
| Rocheport ... | 29.73 | 68 | SW | 4 | o | 29.69 | - .19 | 66 | 64 | + 2 | SSW | 3 | 77 | 59 | 0.04 | | | | |
| Biarritz ... | 29.87 | 75 | WSH | 3 | o | 29.75 | - .12 | 70 | 63 | 0 | WSH | 4 | 84 | 63 | 0.16 | | | | |
| Corunna ... | | | | | | | | | | | | | | | | | | | |
| Brussels ... | | | | | | 29.63 | - .40 | 60 | 58 | + 3 | E | 1 | 73 | 58 | 0.04 | | | | |
| Charleville ... | | | | | | 29.64 | - .32 | 62 | | + 2 | SE | 3 | | | | | | | |
| Paris ... | 29.84 | 69 | ESE | 2 | r | 29.64 | - .32 | 62 | 61 | + 2 | SSW | 1 | | | | | | | |
| Lyons ... | | | | | | 29.95 | - .07 | 70 | | + 6 | S | 2 | | | | | | | |
| Toulon ... | 29.99 | 75 | S | 2 | m | 29.88 | - .12 | 66 | 63 | - 2 | E | 5 | 79 | ? | - | | | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|-----|---|
| Skudesnaes ... | 30.02 | 57 | 50 | NNE | 6 | b | 3 | Valencia | 29.59 | 63 | 58 | E | 7 | ogw | 6 |
| Thurso | 30.06 | 63 | 55 | SE | 2 | b | 1 | Scilly | 29.62 | 61 | 60 | ESE | 9 | o | 7 |
| Scarborough ... | 30.06 | 59 | 54 | SE | 4 | b | 3 | London | 29.92 | 67 | 59 | ESE | 4 | o | # |
| Greencastle ... | 29.93 | 68 | 60 | E | 2 | b | * | Rocheport ... | 29.76 | 73 | 68 | SE | 3 | o | 3 |
| Holyhead | 29.87 | 65 | 59 | ENE | 5 | o | 4 | | | | | | | | |

The barometer is very unsteady. It is still falling in the south west of England, and after being steady for a time in the S. of Ireland has begun to fall again at Valencia, with a threatening appearance.

Our south and south-east coasts were warned this morning and the signals have been extended to the Irish Sea this afternoon.

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 transparent; 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.

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 August 24th 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|-------------------------|---|--------------------|-------|----------------------|----------|---|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|----------------|--------------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | GRADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9.) | GRADE 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 ... | 29.71 | 52 | X | 0 | δ | 29.67 | -.04 | 52 | 46 | + 4 | NN | 2 | δ | * | 59 | 43 | - | |
| Hernösand ... | 29.88 | 51 | X | 0 | δ | 29.86 | -.03 | 55 | 50 | + 1 | X | 0 | δ | * | * | * | - | |
| Stockholm ... | 29.93 | 54 | SSH | 2 | δ | 29.92 | 00 | 61 | 56 | + 5 | SSH | 2 | δ | * | * | * | - | |
| Wibby ... | 29.90 | 54 | SSE | 4 | δ | 29.95 | + .04 | 59 | 54 | 0 | N | 2 | δ | * | * | * | - | |
| Christiansund ... | 29.93 | 52 | SSH | 1 | δ | 29.86 | -.12 | 50 | 48 | - 3 | S | 1 | c | 5 | 57 | 39 | - | |
| Skudesnaes ... | 29.90 | ? | SSH | 2 | δ | 29.86 | -.09 | 60 | 57 | + 4 | ENE | 3 | δ | 2 | 63 | ? | - | |
| Oxö (Tjaneand) ... | 29.98 | 60 | ENE | 2 | δ | 29.91 | -.04 | 59 | 55 | + 4 | NE | 3 | c | 2 | 63 | 52 | - | |
| Skagen (The Seaw) ... | 29.94 | 59 | ENE | 1 | δ | 29.89 | -.10 | 62 | 58 | + 5 | SSE | 1 | δ | 2 | 75 | 55 | - | |
| Fanö ... | 29.81 | 58 | ENE | 5 | δ | 29.71 | -.26 | 60 | 58 | + 2 | ENE | 5 | δ | * | 66 | 54 | - | |
| Cuxhaven ... | 29.79 | ? | E | 4 | 0 | 29.67 | -.29 | 62 | 58 | + 2 | SSE | 4 | δ | * | 66 | 59 | - | |
| Samburgh Head ... | 29.99 | 54 | ESE | 1 | δ | 29.87 | -.09 | 54 | 52 | + 1 | ENE | 1 | 0 | 2 | 50 | 46 | - | |
| Stornoway ... | 29.87 | 53 | S | 3 | δ | 29.75 | -.14 | 55 | 52 | - 3 | ESE | 4 | c | 4 | 64 | 49 | - | |
| Thurso ... | 29.91 | 57 | ESE | 2 | 0 | 29.82 | -.15 | 55 | 52 | - 3 | ENE | 2 | 0 | 2 | 62 | 52 | - | |
| Wick ... | 29.90 | 57 | SSE | 4 | 0 | 29.81 | -.14 | 56 | 55 | - 1 | ESE | 4 | 0 | 3 | 65 | 53 | - | |
| Nairn ... | ? | 57 | E | 2 | c | 29.79 | -.12 | 54 | 52 | + 1 | E | 1 | c | 1 | 64 | 44 | - | |
| Aberdeen ... | 29.86 | 58 | E | 2 | * | 29.73 | -.21 | 58 | 55 | + 2 | NNE | 3 | c | 2 | 59 | 54 | - | |
| Leith ... | 29.77 | 57 | E | 3 | 0 | 29.64 | -.21 | 57 | 55 | + 1 | ENE | 4 | c | * | 62 | 55 | - | |
| Shields ... | 29.74 | 59 | E | 5 | 0 | 29.52 | -.34 | 59 | 58 | 0 | ENE | * | r | 6 | 62 | 56 | 0.37 | |
| Scarborough ... | 29.69 | 59 | E | 5 | 0 | 29.30 | -.31 | 58 | 58 | 0 | SE | 3 | of | 4 | 60 | 57 | 0.37 | |
| York ... | 29.67 | 59 | E | 2 | r | 29.47 | -.30 | 59 | 59 | + 3 | ESE | 1 | 6 | * | 61 | 54 | 0.29 | |
| Nottingham ... | 29.57 | 58 | NE | 6 | r | 29.47 | -.19 | 61 | 61 | + 4 | N | 1 | p | * | 61 | 56 | 0.58 | |
| Ardrossan ... | 29.75 | 60 | NE | 4 | 0 | 29.64 | -.19 | 56 | 52 | - 1 | NE | 4 | c | 2 | 65 | 53 | - | |
| Greencastle ... | 29.73 | 60 | ENE | 2 | 0 | 29.67 | -.12 | 57 | 54 | + 1 | NE | 2 | 0 | * | 63 | 53 | - | |
| Donaghadee ... | 29.71 | 60 | ENE | 5 | 0 | 29.62 | -.15 | 56 | 54 | 0 | NNE | 6 | c | 4 | 60 | 54 | 0.01 | |
| Kingstown ... | 29.60 | 59 | E | 7 | 0 | 29.60 | -.07 | 57 | 56 | 0 | NE | 5 | r | 5 | 59 | 55 | 0.22 | |
| Holyhead ... | 29.57 | 59 | ENE | 6 | 0 | 29.55 | -.11 | 59 | 57 | + 3 | NNE | 4 | 0 | 4 | 61 | 55 | 0.41 | |
| Liverpool (Bidston) ... | 29.58 | 58 | ENE | 4 | 0 | 29.49 | -.16 | 58 | 56 | + 4 | N | 3 | 0 | 2 | 60 | 55 | 0.39 | |
| Valencia ... | 29.63 | 58 | NE | 4 | 0 | 29.65 | + .06 | 58 | 56 | 0 | NNE | 3 | c | 3 | 62 | 55 | 0.07 | |
| Roche's Point... .. | 29.59 | 57 | NE | 4 | r | 29.60 | + .04 | 58 | 55 | + 1 | N | 4 | c | 3 | 61 | 55 | 0.36 | |
| Pembroke ... | 29.48 | 64 | NE | 2 | c | 29.49 | -.03 | 61 | 59 | + 3 | NNE | 1 | c | 2 | 66 | 58 | - | |
| Portishead ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Scilly ... | 29.52 | 63 | NNN | 3 | δc | 29.34 | + .05 | 62 | 60 | - 2 | NNN | 5 | c | 4 | 66 | 60 | - | |
| Plymouth ... | 29.46 | 64 | ENE | 2 | δc | 29.48 | -.03 | 61 | 60 | 0 | X | 0 | c | * | 67 | 58 | - | |
| Hurst Castle ... | 29.48 | 68 | SSH | 3 | δc | 29.46 | -.03 | 61 | 61 | - 3 | N | 3 | cum | 3 | 69 | 55 | - | |
| Dover ... | 29.56 | 63 | SSH | 1 | δ | 29.42 | -.16 | 64 | 61 | + 1 | E | 1 | c | 1 | 67 | 60 | 0.01 | |
| London ... | 29.49 | 65 | X | 1 | cum | 29.45 | -.11 | 61 | 60 | - 1 | NE | 1 | r | * | 70 | 58 | 0.57 | |
| Oxford ... | 29.48 | 62 | X | 0 | r | 29.46 | -.07 | 59 | 58 | - 1 | N | 1 | 0 | * | 66 | 58 | 0.24 | |
| Cambridge ... | 29.52 | 62 | E | 1 | 0 | 29.44 | -.16 | 60 | 59 | 0 | NNE | 1 | 0 | * | 64 | 57 | - | |
| Yarmouth ... | 29.56 | 60 | E | 4 | 0 | 29.47 | -.21 | 63 | 62 | + 1 | E | 2 | δc | 3 | 63 | 59 | 0.39 | |
| The Helder ... | * | * | * | * | * | 29.52 | -.26 | 61 | 61 | + 3 | E | 4 | δ | * | * | * | 0.35 | |
| Cape Gris Nez ... | 29.54 | 66 | X | 0 | δc | 29.45 | -.15 | 64 | 61 | + 1 | E | 1 | δc | 0 | 72 | 59 | - | |
| Jersey ... | 29.48 | 60 | X | 0 | 0 | 29.57 | -.05 | 61 | 59 | - 2 | NN | 5 | cum | 4 | 67 | 58 | 0.66 | |
| Brest ... | 29.55 | 70 | N | 3 | δ | 29.63 | + .08 | 61 | 59 | 0 | NN | 2 | 0 | 4 | 70 | 55 | 0.71 | |
| L'Orient ... | 29.43 | 61 | NN | 3 | r | 29.60 | + .03 | 63 | 59 | 0 | NN | 4 | r | 4 | 68 | 57 | 0.24 | |
| Rochefort ... | 29.56 | 66 | SSH | 9 | 0 | 29.68 | -.01 | 64 | 61 | - 2 | NNN | 6 | c | 4 | 72 | 61 | 0.63 | |
| Biarritz ... | 29.78 | 78 | NN | 5 | 0 | 29.80 | + .05 | 64 | 63 | - 6 | NNN | 6 | r | 6 | 79 | 59 | 0.43 | |
| Corunna ... | * | * | * | * | * | ... | ... | ... | ... | ... | ... | ... | ... | ... | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.46 | -.07 | 62 | 59 | + 2 | SE | 3 | 0 | * | 70 | 57 | 1.10 | |
| Charleville ... | * | * | * | * | * | 29.45 | -.19 | 59 | * | - 3 | SSE | 6 | 0 | * | * | * | * | |
| Paris ... | 29.57 | 67 | SSH | 4 | c | 29.46 | -.18 | 60 | 58 | - 2 | NNN | 2 | q | * | * | * | 0.32 | |
| Lyons ... | * | * | * | * | * | 29.68 | -.27 | 68 | * | - 2 | S | 2 | c | * | * | * | * | |
| Toulon ... | 29.74 | ? | E | 4 | 0 | 29.71 | -.17 | 66 | 59 | 0 | NN | 5 | c | 4 | 70 | 66 | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.92 | 63 | 55 | SSH | 2 | δ | 2 | Valencia | 29.61 | 60 | 57 | NE | 3 | 0 | 0 |
| Thurso | 29.94 | 60 | 53 | ESE | 2 | 0 | 1 | Scilly | 29.50 | 65 | 61 | ENE | 3 | δc | 3 |
| Scarborough ... | 29.73 | 60 | 58 | E | 5 | 0 | 5 | London | 29.57 | 68 | 64 | 5 | 2 | 0 | * |
| Greencastle ... | 29.77 | 60 | 54 | E | 2 | 0 | * | Rochefort ... | 29.69 | 70 | 63 | SSH | 6 | 0 | 5 |
| Holyhead | 29.57 | 59 | 58 | ENE | 7 | m | 5 | | | | | | | | |

The small depression in the south of England is moving slowly to the NW and is now over Somerset and Thet. The easterly wind has increased to a moderate gale at Holyhead; but is lulling at Yarmouth. A smart thunderstorm passed over London about Noon.

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. equally; 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.

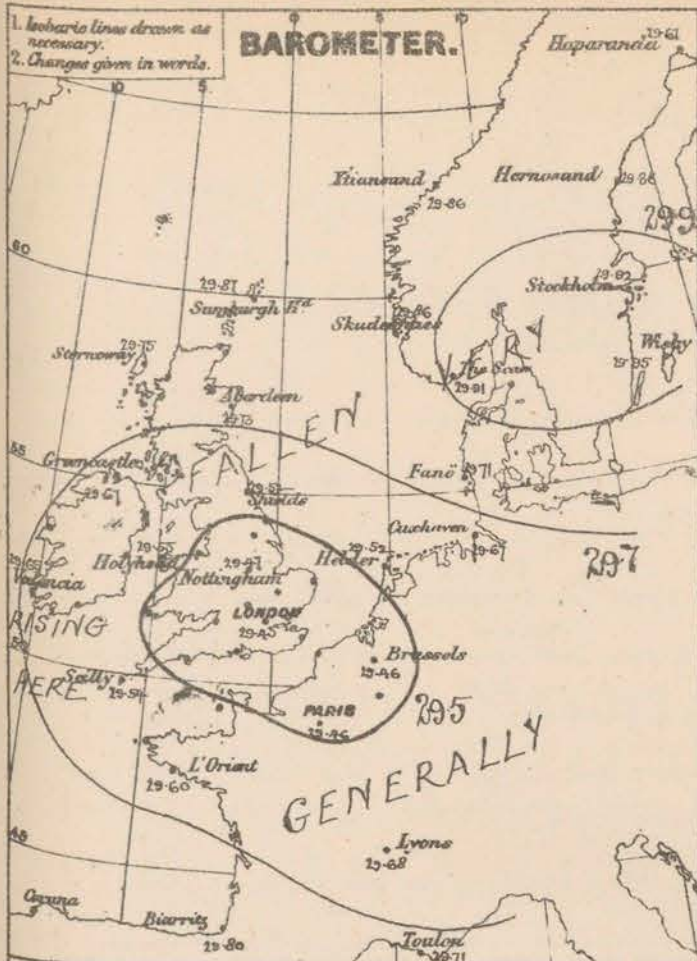
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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 24 August 1878.

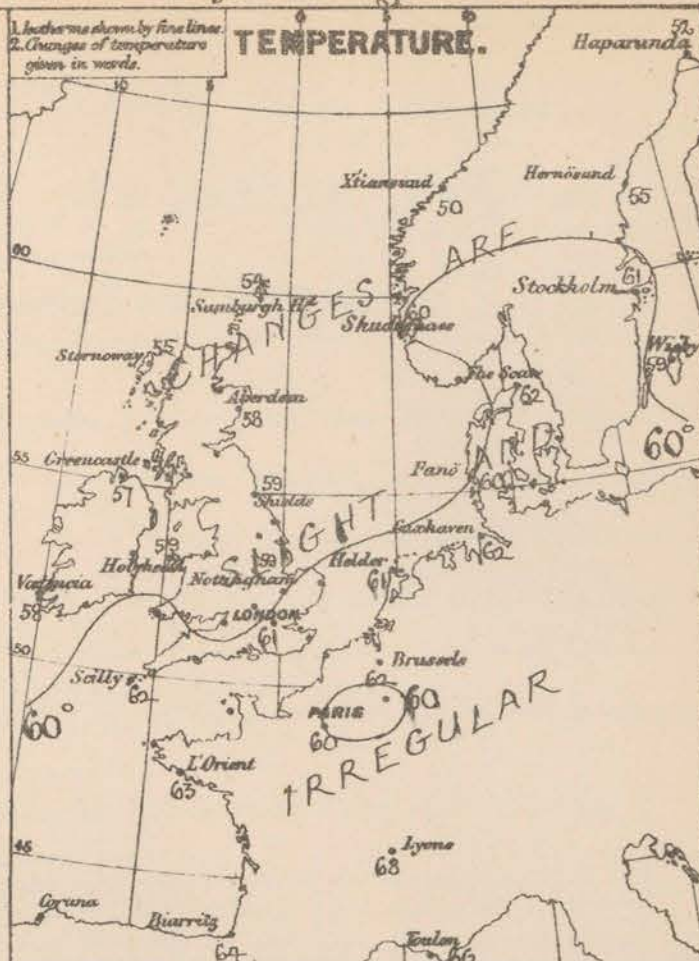
1. Isobars lines drawn as necessary.
2. Changes given in words.

BAROMETER.



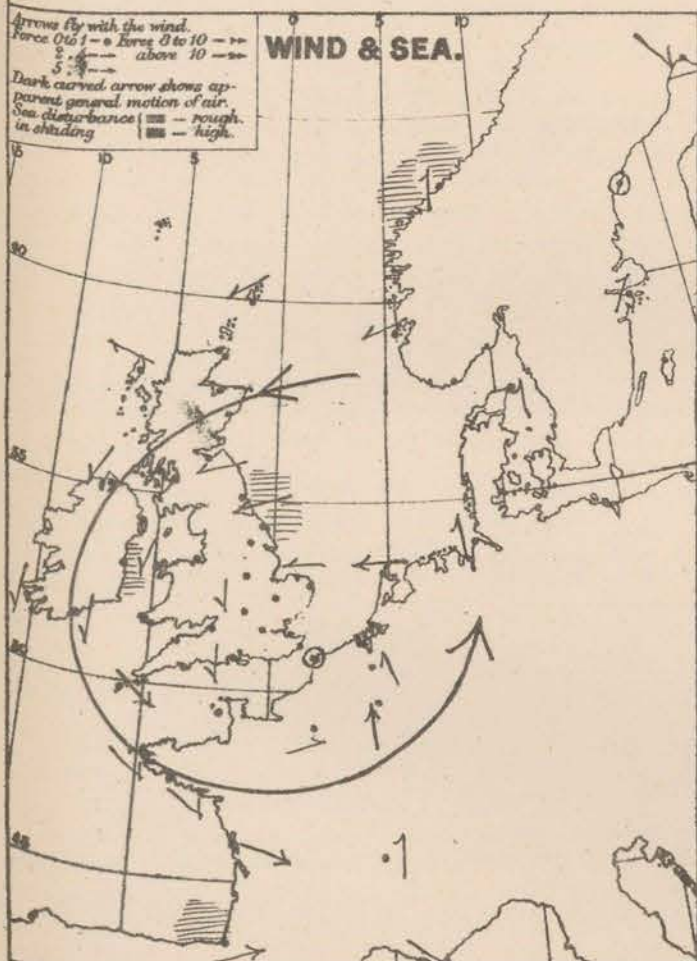
1. Weather shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



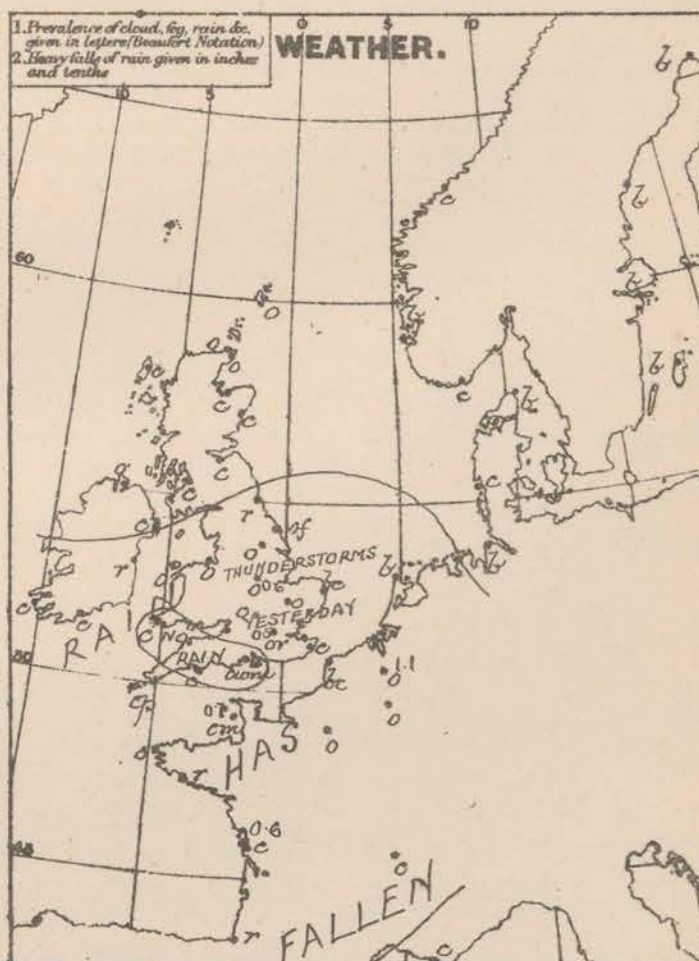
1. Arrows fly with the wind. Force 0 to 10 — above 10 —
2. Dark curved arrow shows apparent general motion of air.
3. Sea disturbance: — rough, in shading — high.

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

Weather is very dull over nearly the whole of these islands, with rain in several places. Rain fell yesterday over the greater part of England, Ireland, Belgium and France, and thunderstorms occurred over the S. half of England. The heaviest falls of rain reported at present are 1.1 in. at Brussels, 0.7 in. at Paris and Lyons, 0.6 in. at Nottingham, 0.5 in. at London, and 0.4 in. at Yarmouth, Hull, Leeds, Liverpool and Rocher Point. Temperature has changed very little and irregularly. The maximum temperature at London yesterday (70°) was higher than at any other station in our islands, but it was recorded at Paris. Wind is fresh from NE. at our N. and W. stations fresh from NW at the mouth of the Channel, and over the Bay of Biscay, and strong from NW at Paris. In the central, S. and SE. parts of England light N. winds are reported, while in Belgium and the NE. of France the wind is N. or E. A fresh gale from NE. was experienced at Shields during the night. Sea is rough at the mouth of the Tyne, and rather so at Kingston, but is generally moderate on our coasts.

Barometrical indications. The distribution of pressure over the United Kingdom has undergone considerable modification. The depression which lay to the N. of Shetland has become dispersed, while that over England has become much larger, (but not deeper) than it was yesterday.

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

R. H. SCOTT.
Secretary.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 1/4 per quarter, by post 5/- per quarter.

SUMMARY OF WEATHER IN WESTERN EUROPE

from AUG 18th to AUG 24th 1878.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

The weather during this week has been very changeable. It was moderately fair but cloudy in most places, especially in the S. and S.E. until the middle of the week. A well formed depression then reached our S.W. coasts bringing with it large quantities of rain to all our S. and S.W. Counties, and S.E.^{ly} to E.^{ly} gales or strong winds over England and Ireland. Friday and Saturday were marked by severe thunderstorms, the one which passed over London on the latter date having been of unusual severity. Extremely heavy falls of rain occurred in certain limited localities, upwards of 4.5 ins. having fallen in 12^h hours near Hastings.

SUNDAY. AUGUST 18th

Weather fine generally in the United Kingdom, but cloudy and looking threatening over our southern counties and becoming very unsettled and wet over France.

Temperature rising briskly, especially in the north and east, the maximum readings rising to 76° at Cambridge, 73° at York and Leith, and to 70° even at Oslo. In the south-west of France the highest readings were 86° to 90°.

Wind light to moderate from the N.W. over our Islands in the morning, but an E.^{ly} breeze had already set in over France and soon extended to our S.W. coasts. Strong N.W. winds in Scandinavia.

Sea little disturbed, except in the Stager Rack.

Barometer higher in most places than on the 17th; and still rising in the N. and E. An area of high pressure lying over Germany and the N. of France, but a new depression advancing towards the S.W. of France from the Peninsula during the day, causing the mercury to fall briskly on our Southern coasts.

MONDAY AUGUST 19th

Weather fine at all the Central stations, dull both in our northern and southern districts, rainy in France and Belgium, and also on our extreme S.W. coast, 0.6 ins. of rain at Brest, 0.3 ins. at Valencia, Roches Pt. and Lorient.

Temperature fallen in the E. and N. and risen several degrees in the S. and S.W. but readings rather irregular. Maximum readings over the inland parts of England 70° to 74°.

Wind N.^{ly} to N.W.^{ly} in Scandinavia and freshening to gale in the south of Sweden; NE.^{ly} to E.^{ly}, but light, in our Islands, and blowing a strong gale from S.W. in the S.W. of France. A S.^{ly} breeze prevailing at Valencia.

Barometer falling briskly in the S.W. but changing little elsewhere. The centre of a small depression found near the mouth of the Loire, moving N.W. but becoming filled up. Another (larger) depression over Russia and advancing N.W. causing the mercury to fall over Scandinavia.

TUESDAY AUGUST 20th

Weather fine in the N. and E. of Scotland and over the greater part of the North Sea, overcast elsewhere with rain continuing in Sweden and setting in on our S. and S.W. coasts.

Temperature lower than on the 19th, the maximum readings at our own stations, being all below 70°, excepting at Nottingham and Scilly.

Wind N.^{ly} on the eastern shores of the North Sea, light NE.^{ly} to E.^{ly} over the greater part of our Islands, but fresh from S. at Scilly, and blowing a gale from N. at the mouth of the Loire. Wind subsequently veering to SE. in the N. A N.^{ly} gale experienced in the Gulf of Bothnia, and a S.W.^{ly} gale at Helsing (Baltic).

Sea rough off our S.W. coast and in the Stager Rack.

Barometer highest (exceeding 30 ins.) over the N.E. of Scotland and the S.W. of France, a band of rather high reading uniting these localities, and dividing the low pressures of the Baltic from those of the Atlantic. The small shallow depression noticed in the N.W. of France yesterday now lying near Jersey and becoming filled up.

WEDNESDAY AUGUST 21st

Weather varying greatly in different parts of the country, but much finer on the whole than on the 20th especially at our E^m stations. Some showers in N. during the day, and 0.4 in. of rain in the S. of Ireland.

Temperature not changing much; the 8 am readings still below 60° at all our most N^m stations, but the maximum reading 70° to 73° over the inland parts of England. Wind SE⁺ to S⁺ in the N. and S. but still E⁺ in the N. light in the E. and N. but freshening somewhat in the SW. towards evening, NW⁺ breezes prevailing in Ireland and blowing a gale at Neshy.

Sea rather rough in the Channel.

Barometer rising slowly in the E. and N. but falling steadily on our SW. coast and depression apparently approaching that region. Band of relatively high pressure lying over the Bay of Biscay, France and our E. and NE. coasts.

THURSDAY. AUGUST 22nd

Weather still fair at our N^m and NE^m stations, but very cloudy and threatening in the SW. and heavy rain in France and the S. of Ireland. Rain subsequently extending to all S^m stations. Largest amounts reported 1.1 in. at Brest, 1 in. at Hurst-Castle, 0.9 in. at Boker's Pt., 0.7 in. at Oxford, 0.6 in. at Nottingham and Plymouth and 0.5 in. in London.

Temperature changing very slightly. Maximum readings over Central and Southern England 70° to 72°.

Wind blowing a gale from SE. in SW. but moderate from E. in N. Fresh E⁺ to SE⁺ winds felt in the Channel and an E⁺ gale at Yarmouth later in the day.

Sea rough off SW. coast and at Yarmouth, slight in N.

Barometer falling generally. Large depression off our SW. coast all day, and small secondary disturbance advancing from the S^m to our S. coasts at night.

FRIDAY AUGUST 23rd

Weather fair in Scotland and to the E^m of the North Sea, very much disturbed and rainy elsewhere, with severe thunderstorms over England and at some of the Continental stations. More than an inch of rain at Brussels, 0.7 in. at Brest, 0.6 in. at Nottingham, and 0.5 in. in London.

Temperature inclined to rise in France but falling in our islands.

Wind E⁺ strong to a gale, over nearly the whole of England and Ireland, and light E⁺ in Scotland, but light from SW. in France, and variable in the Channel. In Scandinavia wind chiefly NW⁺, blowing strongly at Helsingland and Hirtsholmen.

Sea rough in the E. N. and SW.

Barometer falling generally all the morning, a depression lying off the mouth of the Channel and a secondary one near Bournemouth. In the course of the day the former disturbance was dissipated, and that near Bournemouth moved a little to the NE^m.

SATURDAY AUGUST 24th

Weather still fine in Scotland, very unsettled and dull in other parts of the Kingdom with rain in many places, followed by thunderstorms of great severity over England. Rainfall to 3.7 in. occurred in London during a severe thunderstorm in the morning, but 4.55 in. are said to have fallen at Brompton, Heston, and Heston.

Temperature very unsteady; the 8 am reading below 60° at all but our most S^m stations, but the maxima exceeded 70° at York, Nottingham and Cambridge.

Wind more moderate, and drawing into NE. in the N. of England, to N. in Ireland, and to NW. at the SW^m stations. Sea still rough in the NE. and NW.

Barometer falling a little everywhere, - most in the north. Depression lying over our SE^m coasts, and moving very irregularly. Another, larger, disturbance apparently approaching our NW. coast.

Meteorological Office,

116. Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

DAILY WEATHER REPORT

August 25th 1878.

| STATIONS. | ↑ YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|-------------------------|-------------------------------------|-----------------|-------|-------------------|----------|-----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| | Barometer at 320 ft. 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 13). | | Reading at 320 ft. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 13). | | | Max. | Min. | | | |
| Haparanda ... | 29.64 | 55 | SW | 2 | 6 | 29.78 | + .11 | 46 | 42 | - 6 | NW | 4 | 6 | * | 61 | 36 | - | | |
| Hernösand ... | 29.89 | 53 | Z | 0 | 6 | 29.93 | + .07 | 54 | 51 | - 3 | Z | 0 | 6 | * | * | * | - | | |
| Stockholm ... | 29.91 | 58 | WSW | 4 | 6 | 29.94 | + .02 | 61 | 57 | - 4 | SW | 2 | 6 | * | * | * | - | | |
| Visby ... | 30.00 | 58 | SSW | 4 | 6 | 29.91 | - .09 | 60 | 57 | - 3 | SE | 6 | 6 | * | * | * | - | | |
| Christiansund ... | 29.86 | 53 | NW | 3 | 6 | 29.92 | - .04 | 53 | 51 | + 3 | ENE | 3 | f | 4 | 57 | 45 | - | | |
| Skudesnaes ... | 29.77 | 62 | N | 2 | 0 | 29.70 | - .07 | 63 | 58 | + 3 | ENE | 24 | 0 | 3 | 66 | 61 | - | | |
| Oxö (Tiansand) ... | 29.82 | 63 | ENE | 6 | 0 | 29.75 | - .07 | 62 | 57 | + 3 | ENE | 5 | 0 | 3 | 64 | 52 | - | | |
| Skagen (The Sea) ... | 29.84 | 62 | E | 1 | 6 | 29.77 | - .07 | 61 | 57 | - 1 | ESE | 4 | 0 | 4 | 70 | 54 | - | | |
| Fanö ... | 29.66 | 61 | ESE | 6 | 7 | 29.56 | - .10 | 60 | 59 | - 1 | ENE | 4 | 0 | * | 68 | 54 | 0.12 | | |
| Cuxhaven ... | 29.63 | 65 | SE | 3 | 3 | 29.56 | - .07 | 62 | 60 | - 2 | S | 1 | 0 | * | 7 | 59 | - | | |
| Sumburgh Head ... | 29.77 | 56 | NW | 4 | 60 | 29.65 | - .12 | 58 | 56 | + 4 | E | 4 | 0 | 5 | 59 | 52 | - | | |
| Stornoway ... | 29.58 | 59 | E | 4 | 0 | 29.46 | - .12 | 62 | 60 | + 7 | SE | 3 | 3 | 3 | 62 | 40 | 0.07 | | |
| Thurso ... | 29.71 | 59 | E | 3 | 0 | 29.54 | - .17 | 60 | 59 | + 5 | SE | 3 | 0 | 3 | 62 | 54 | 0.07 | | |
| Wick ... | 29.69 | 58 | E | 3 | 0 | 29.64 | - .05 | 60 | 59 | + 4 | SE | 3 | f | 3 | 64 | 55 | 0.02 | | |
| Nairn ... | | | | | | | | | | | | | | | | | | | |
| Aberdeen ... | 29.62 | 58 | E | 3 | 7 | 29.52 | - .10 | 60 | 59 | + 2 | E | 1 | 0 | 2 | 60 | 57 | 0.25 | | |
| Leith ... | 29.54 | 58 | E | 3 | 0 | 29.46 | - .08 | 58 | 58 | + 1 | SE | 1 | 0 | * | 61 | 56 | 0.04 | | |
| Shields ... | 29.53 | 60 | NE | 2 | 0 | 29.50 | - .03 | 59 | 58 | - 1 | NE | 1 | 0 | 4 | 64 | 55 | 0.22 | | |
| Scarborough ... | 29.57 | 59 | E | 2 | 7 | 29.47 | - .10 | 60 | 59 | + 2 | N | 1 | f | 3 | 61 | 57 | 0.02 | | |
| York ... | 29.50 | 63 | E | 1 | 0 | 29.47 | - .03 | 60 | 59 | + 1 | NW | 1 | 0 | * | 70 | 56 | 0.02 | | |
| Nottingham ... | 29.57 | 58 | N | 2 | 7 | 29.49 | + .02 | 64 | 64 | + 3 | SSW | 1 | 0 | * | 72 | 57 | 0.64 | | |
| Ardrossan ... | 29.57 | 63 | NE | 3 | 0 | 29.45 | - .12 | 60 | 60 | + 9 | NE | 1 | 0 | 1 | 65 | 56 | - | | |
| Greencastle ... | 29.58 | 57 | NNE | 2 | 0 | 29.45 | - .13 | 58 | 56 | + 1 | S | 2 | 0 | * | 65 | 54 | 0.06 | | |
| Donaghadee ... | 29.51 | 56 | NE | 5 | 0 | 29.46 | - .05 | 58 | 56 | + 2 | WSW | 3 | 60 | 2 | 60 | 54 | 0.01 | | |
| Kingstown ... | 29.56 | 61 | N | 4 | 60 | 29.51 | - .05 | 57 | 55 | - 2 | X | 0 | 60 | 1 | 62 | 55 | 0.03 | | |
| Holyhead ... | 29.57 | 58 | NN | 8 | m | 29.50 | - .07 | 59 | 56 | - 3 | X | 2 | 60 | 1 | 62 | 56 | - | | |
| Liverpool (Bidston) ... | 29.49 | 59 | N | 21 | 3 | 29.49 | 0 | 60 | 57 | + 2 | N | 1 | 0 | 1 | 64 | 56 | - | | |
| Valencia ... | 29.60 | 63 | NNN | 3 | 3 | 29.45 | - .15 | 60 | 58 | + 2 | SE | 3 | 0 | 3 | 66 | 52 | 0.07 | | |
| Roche's Point ... | 29.61 | 56 | N | 4 | 0 | 29.57 | - .04 | 60 | 54 | - 6 | NNN | 1 | f | 0 | 61 | 52 | - | | |
| Pembroke ... | 29.53 | 59 | N | 4 | 0 | 29.52 | + .03 | 61 | 58 | - 3 | WSW | 1 | 0 | 1 | 65 | 56 | - | | |
| Portishead ... | | | | | | | | | | | | | | | | | | | |
| Scilly ... | 29.59 | 62 | NNN | 5 | 60 | 29.57 | + .03 | 62 | 60 | - 2 | S | 1 | 0 | 2 | 64 | 59 | 0.01 | | |
| Plymouth ... | 29.57 | 61 | NN | 1 | 3 | 29.55 | + .07 | 61 | 60 | - 1 | N | 1 | 0 | * | 68 | 58 | 0.23 | | |
| Hurst Castle ... | 29.47 | 65 | X | 0 | 0 | 29.53 | + .07 | 61 | 61 | - 1 | NNN | 2 | 0 | 3 | 69 | 56 | 0.08 | | |
| Dover ... | 29.43 | 64 | NNN | 2 | 60 | 29.57 | + .09 | 66 | 61 | + 2 | NNN | 1 | 0 | 2 | 68 | 58 | 0.02 | | |
| London ... | 29.45 | 63 | N | 1 | 0 | 29.50 | + .05 | 62 | 61 | + 1 | X | 0 | 0 | * | 68 | 55 | 0.72 | | |
| Oxford ... | 29.45 | 65 | NNE | 1 | 0 | 29.52 | + .07 | 59 | 58 | - 1 | X | 0 | 0 | * | 67 | 55 | - | | |
| Cambridge ... | 29.45 | 63 | NN | 1 | 0 | 29.48 | + .03 | 61 | 60 | + 1 | X | 0 | 0 | * | 72 | 55 | 0.25 | | |
| Yarmouth ... | 29.45 | 65 | NE | 3 | 0 | 29.46 | - .01 | 61 | 60 | - 2 | NN | 1 | f | 2 | 67 | 58 | - | | |
| The Helder ... | * | * | * | * | * | 29.46 | - .06 | 60 | 59 | - 1 | SE | 1 | 0 | * | * | * | - | | |
| Cape Gris Nez ... | 29.47 | 64 | WSW | 1 | 0 | 29.52 | + .07 | 64 | 63 | - 1 | SW | 3 | m | 2 | 70 | 61 | - | | |
| Jersey ... | 29.54 | 62 | N | 5 | 0 | 29.61 | + .10 | 61 | 59 | - 2 | N | 5 | 0 | 4 | 65 | 58 | - | | |
| Brest ... | 29.68 | 72 | NN | 2 | 3 | 29.69 | + .06 | 61 | 59 | - 2 | N | 2 | 0 | 3 | 7 | 57 | 0.16 | | |
| L'Orient ... | 29.66 | 63 | NNN | 4 | 3 | 29.67 | + .07 | 63 | 59 | - 4 | N | 3 | 0 | 3 | 70 | 57 | 0.04 | | |
| Rochefort ... | 29.69 | 68 | NNN | 5 | 7 | 29.76 | + .08 | 64 | 60 | - 4 | N | 4 | 0 | 3 | 70 | 57 | 0.09 | | |
| Biarritz ... | 29.82 | 70 | N | 4 | 0 | 29.83 | + .03 | 66 | 61 | + 2 | SSW | 1 | 0 | 4 | 70 | 63 | 0.63 | | |
| Corunna ... | * | * | * | * | * | 29.87 | | 68 | * | | NN | 9 | 0 | 7 | * | * | * | | |
| Brussels ... | * | * | * | * | * | 29.55 | + .09 | 60 | 58 | - 2 | SSW | 5 | 0 | * | 68 | 59 | 0.04 | | |
| Charleville ... | * | * | * | * | * | 29.58 | + .13 | 58 | * | - 1 | SW | 1 | 0 | * | * | * | * | | |
| Paris ... | 29.53 | 63 | N | 2 | 0 | 29.65 | + .12 | 60 | 58 | - 2 | SSW | 2 | 0 | * | * | * | 0.39 | | |
| Lyons ... | * | * | * | * | * | 29.75 | + .07 | 68 | * | - 1 | NE | 1 | 0 | * | * | * | * | | |
| Toulon ... | 29.72 | 68 | N | 6 | 3 | 29.78 | + .07 | 63 | 57 | - 6 | N | 6 | 60 | 6 | 75 | 66 | - | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|---|
| Skudesnaes ... | 29.79 | 66 | 57 | NNN | 2 | 0 | 2 | Valencia ... | 29.64 | 65 | 60 | NN | 2 | 3 |
| Thurso | 29.76 | 59 | 56 | ENE | 2 | 0 | 2 | Scilly | 29.57 | 62 | 60 | NNN | 5 | 4 |
| Scarborough ... | 29.53 | 59 | 58 | ESE | 2 | 0 | 3 | London | 29.45 | 64 | 62 | NN | 1 | * |
| Greencastle ... | 29.64 | 62 | 56 | NE | 2 | 3 | * | Roshefort ... | 29.69 | 70 | 64 | N | 7 | 4 |
| Holyhead | 29.54 | 59 | 56 | N | 4 | 0 | 3 | | | | | | | |

No important change. A severe thunderstorm passed over London between 11 am and noon today.

EXPLANATION OF COLUMNS

WEATHER.—Beaufort Scale is, b. blue sky; o. 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.

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

August 26th 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 24 HOURS. | | |
|---------------------|---|--------------------|-------|----------------------|----------|---|----------------|------|---|--------|----------------------|------|----------|-------------------|-------------|----|-----------------------|--|--|
| | Barometer at 320 F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 320 F. and Sea Level. | Barometer. | | SHADE TEMP. | | WIND. | | Weather. | Sea. (0 to 6.) | SHADE TEMP. | | Amount of Rain. | | |
| | | | Dir. | Force. (0 to 12). | | | Dry. | Wet. | Difference from 8 A.M. yesterday. | Direc. | Force. (0 to 12). | Max. | | | Min. | | | | |
| Haparanda ... | 29.98 | 44 | Z | 0 | 0 | 30.10 | + .32 | 46 | 44 | | N | 2 | 0 | * | 59 | 34 | - | | |
| Hernösand ... | 29.95 | 51 | Z | 0 | 0 | 29.97 | + .04 | 55 | 54 | + 1 | ENE | 2 | 0 | * | * | * | - | | |
| Stockholm ... | 29.89 | 55 | SSE | 4 | 0 | 29.84 | - .10 | 64 | 59 | + 3 | E | 4 | 0 | * | * | * | - | | |
| Wiesby ... | 29.84 | 59 | ESE | 6 | 0 | 29.72 | - .19 | 63 | 59 | + 3 | SE | 8 | 0 | * | * | * | - | | |
| Christiansund ... | 29.74 | 54 | NE | 0 | 0 | 29.62 | - .20 | 62 | 55 | + 9 | SE | 3 | 0 | * | * | * | - | | |
| Skudesnaes ... | 29.65 | 64 | ENE | 4 | 0 | 29.49 | - .21 | 59 | 55 | - 4 | NE | 6 | 1 | 3 | 68 | ? | 0.04 | | |
| Oxö (Klansand) ... | 29.65 | 64 | ENE | 6 | 0 | 29.49 | - .26 | 60 | 59 | - 2 | ENE | 6 | 1 | 4 | 64 | 57 | - | | |
| Skagen (The Snow) | 29.62 | 63 | E | 1 | 0 | 29.53 | - .24 | 59 | 59 | - 2 | WSE | 3 | 0 | 3 | 73 | 54 | 0.32 | | |
| Fanö ... | 29.57 | 57 | S | 4 | m | 29.50 | - .06 | 63 | 62 | + 3 | S | 4 | 1 | * | 63 | 54 | 0.32 | | |
| Cuxhaven ... | 29.56 | 67 | NNE | 1 | 0 | 29.58 | + .02 | 62 | 61 | 0 | SSE | 1 | 0 | * | ? | 57 | - | | |
| Sumburgh Head | 29.56 | 59 | E | 4 | 0 | 29.56 | - .09 | 57 | 56 | - 1 | NE | 7 | 0 | 3 | 62 | 55 | 0.01 | | |
| Stornoway | 29.42 | 63 | E | 2 | 0 | 29.43 | - .03 | 60 | 59 | - 2 | Z | 0 | 0 | 0 | 64 | 55 | 0.08 | | |
| Thurso ... | 29.54 | 60 | SE | 2 | 0 | 29.49 | - .05 | 58 | 57 | - 2 | Z | 0 | 1 | 2 | 62 | 46 | 0.03 | | |
| Wick ... | 29.53 | 58 | SE | 4 | f | 29.47 | - .07 | 58 | 58 | - 2 | ESE | 2 | f | 4 | 63 | 55 | 0.04 | | |
| Nairn ... | 29.43 | 66 | Z | 0 | 0 | 29.42 | | 58 | 57 | | Z | 0 | 0 | 1 | 71 | 55 | - | | |
| Aberdeen ... | 29.50 | 59 | E | 1 | m | 29.46 | - .06 | 60 | 60 | 0 | Z | 0 | m | 1 | 68 | 58 | 0.04 | | |
| Leith ... | 29.44 | 59 | ENE | 3 | f | 29.45 | - .01 | 58 | 57 | 0 | NN | 1 | m | * | 66 | 56 | 0.40 | | |
| Shields ... | 29.47 | 61 | ESE | 1 | c | 29.47 | - .03 | 59 | 55 | 0 | NNN | 3 | om | 2 | 64 | 55 | 0.04 | | |
| Scarborough ... | 29.49 | 59 | N | 1 | f | 29.49 | + .02 | 60 | 59 | 0 | NNN | 1 | of | 2 | 62 | 56 | 0.04 | | |
| York ... | 29.48 | 63 | NNN | 1 | 0 | 29.49 | + .02 | 54 | 54 | - 6 | NN | 1 | 0 | * | 63 | 47 | 0.13 | | |
| Nottingham ... | 29.42 | 63 | Z | 0 | 0 | 29.57 | + .02 | 59 | 58 | - 5 | S | 1 | 0 | * | 71 | 55 | 0.04 | | |
| Ardrossan ... | 29.44 | 62 | SSE | 1 | 0 | 29.46 | + .01 | 60 | 57 | - 5 | SE | 1 | 0 | 0 | 66 | 52 | 0.07 | | |
| Greencastle ... | 29.43 | 63 | NE | 2 | 0 | 29.43 | - .02 | 60 | 58 | + 2 | NN | 1 | 0 | * | 66 | 50 | - | | |
| Donaghadee ... | 29.46 | 60 | S | 1 | m | 29.47 | + .01 | 59 | 59 | + 1 | E | 2 | m | 1 | 62 | 53 | - | | |
| Kingstown ... | 29.47 | 64 | SSE | 4 | 0 | 29.47 | - .04 | 61 | 59 | + 4 | S | 1 | 0 | 1 | 64 | 57 | - | | |
| Holyhead ... | 29.50 | 64 | SSE | 2 | 0 | 29.50 | 0.00 | 58 | 57 | - 1 | S | 1 | 0 | 0 | 67 | 54 | - | | |
| Liverpool (Midston) | 29.50 | 62 | NN | 1 | 0 | 29.50 | + .01 | 61 | 57 | + 1 | ESE | 1 | m | 1 | 66 | 58 | - | | |
| Valencia ... | 29.39 | 61 | SSE | 5 | 0 | 29.41 | - .04 | 61 | 59 | + 1 | S | 2 | 0 | 2 | 63 | 56 | 0.35 | | |
| Roche's Point... | 29.48 | 62 | S | 4 | f | 29.44 | - .07 | 62 | 61 | + 6 | SSE | 4 | f | 3 | 68 | 55 | 0.26 | | |
| Pembroke ... | 29.57 | 65 | N | 1 | 0 | 29.48 | - .04 | 60 | 59 | - 1 | E | 1 | 0 | 1 | 68 | 58 | - | | |
| Portishead ... | 29.51 | 67 | NNN | 3 | c | 29.50 | | 59 | 58 | | NNN | 1 | om | 1 | 71 | 54 | - | | |
| Scilly ... | 29.57 | 62 | SSE | 4 | c | 29.49 | - .08 | 62 | 62 | 0 | S | 3 | op | 3 | 67 | 60 | 0.14 | | |
| Plymouth ... | 29.52 | 63 | S | 2 | 0 | 29.48 | - .07 | 62 | 60 | + 1 | E | 1 | 0 | * | 67 | 58 | - | | |
| Hurst Castle ... | 29.55 | 66 | NNN | 4 | 0 | 29.49 | - .04 | 63 | 62 | + 2 | NE | 3 | 0 | 3 | 68 | 57 | - | | |
| Dover ... | 29.55 | 66 | NNN | 4 | 0 | 29.48 | - .03 | 63 | 60 | - 3 | E | 1 | 0 | 1 | 67 | 60 | 0.04 | | |
| London ... | 29.53 | 63 | NN | 1 | 0 | 29.51 | + .01 | 60 | 59 | - 2 | SE | 1 | 0 | * | 64 | 52 | 0.02 | | |
| Oxford ... | 29.52 | 65 | Z | 0 | 0 | 29.50 | - .01 | 54 | 53 | - 5 | Z | 0 | 0 | * | 68 | 52 | 0.07 | | |
| Cambridge ... | 29.50 | 67 | NN | 1 | 0 | 29.50 | + .02 | 57 | 57 | - 4 | Z | 0 | 0 | * | 72 | 49 | 0 | | |
| Yarmouth ... | 29.49 | 63 | ENE | 1 | 0 | 29.50 | + .04 | 61 | 60 | 0 | Z | 0 | 0 | 2 | 65 | 56 | 0.43 | | |
| The Helder ... | * | * | * | * | * | 29.52 | + .06 | 64 | 62 | + 4 | SSE | 1 | 0 | * | * | * | 0.04 | | |
| Cape Gris Nez | 29.57 | 64 | NNN | 5 | 0 | 29.49 | - .03 | 63 | 61 | - 1 | ESE | 1 | 0 | 0 | 68 | 59 | - | | |
| Jersey ... | 29.58 | 61 | S | 2 | f | 29.49 | - .12 | 63 | 62 | + 2 | NN | 4 | om | 4 | 67 | 59 | 0.29 | | |
| Brest ... | 29.53 | 64 | SSE | 3 | m | 29.58 | - .11 | 61 | 61 | 0 | NN | 3 | 0 | 5 | 64 | 57 | 0.22 | | |
| L'Orient ... | 29.53 | 63 | NN | 4 | f | 29.58 | - .09 | 63 | 63 | 0 | NN | 4 | m | 4 | 66 | 57 | 0.59 | | |
| Rochefort ... | 29.63 | 68 | NNN | 6 | f | 29.69 | - .07 | 68 | 66 | + 4 | NN | 7 | f | 5 | 75 | 59 | 0.63 | | |
| Biarritz ... | 29.74 | 73 | NE | 4 | 0 | 29.80 | - .03 | 77 | 72 | + 11 | NN | 3 | 0 | 3 | 82 | 64 | - | | |
| Corunna ... | * | * | * | * | * | | | | | | | | | | * | * | * | | |
| Brussels ... | * | * | * | * | * | 29.50 | - .05 | 60 | 59 | 0 | ESE | 2 | f | * | 66 | 59 | 0.04 | | |
| Charleville ... | * | * | * | * | * | 29.51 | - .07 | 60 | | + 2 | SSE | 3 | f | * | * | * | * | | |
| Paris ... | 29.66 | 65 | SSE | 3 | 0 | 29.54 | - .11 | 64 | 63 | + 4 | SSE | 3 | 0 | * | * | * | 0.24 | | |
| Lyons ... | * | * | * | * | * | 29.84 | + .09 | 66 | | - 2 | S | 2 | f | * | * | * | * | | |
| Toulon ... | 29.80 | 70 | N | 4 | 0 | 29.89 | + .11 | 68 | 66 | + 5 | NN | 3 | 0 | 3 | 75 | 63 | - | | |

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

| Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. |
|-----------------|-------|------|-------|------|------|---------------|-------|------|-------|------|------|
| Skudesnaes ... | 29.64 | 68 | 55 | ESE | 4 | Valencia ... | | | | | |
| Thurso ... | | | | | | Scilly ... | | | | | |
| Scarborough ... | | | | | | London ... | | | | | |
| Greencastle ... | | | | | | Rochefort ... | 29.69 | ? | ? | NN | 5 |
| 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 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.

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 *AUGUST 27th 1878.*

| 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 ... | 30.01 | 49 | Z | 0 | 0 | 29.93 | - .17 | 52 | 50 | + .6 | S | 2 | 0 | * | 57 | 39 | - | | |
| Hernösand ... | 29.88 | 57 | NE | 4 | | 29.79 | - .18 | 57 | 55 | + .2 | E | 4 | 0 | * | * | * | 0.08 | | |
| Stockholm ... | 29.71 | 59 | ESE | 4 | r | 29.61 | - .23 | 58 | 58 | - .6 | E | 4 | r | * | * | * | 0.24 | | |
| Wisby ... | 29.64 | 59 | SSE | 6 | r | 29.61 | - .11 | 63 | 62 | 0 | SW | 6 | 0 | * | * | * | 0.28 | | |
| Christiansund ... | 29.54 | 64 | ESE | 3 | 0 | 29.50 | - .12 | 62 | 56 | 0 | ESE | 3 | 0 | 2 | 66 | 46 | - | | |
| Skudesnaes ... | 29.46 | 61 | E | 1 | 0 | 29.54 | + .05 | 61 | 60 | + .2 | SSE | 4 | 0 | 4 | 63 | 59 | 0.16 | | |
| Oxö (Xtiansand) ... | ? | 61 | ESE | 4 | bc | 29.58 | + .09 | 60 | 59 | 0 | N | 2 | 0 | 2 | 63 | 59 | - | | |
| Skagen (The Scaur) ... | 29.56 | 63 | S | 1 | 0 | 29.60 | + .07 | 59 | 58 | 0 | SSE | 1 | bc | 0 | 75 | 54 | - | | |
| Finn ... | 29.54 | 58 | Z | 0 | 0 | 29.60 | + .13 | 65 | 63 | + .2 | NN | 1 | 0 | * | 66 | 52 | - | | |
| Cuxhaven ... | 29.56 | 65 | SSW | 1 | r | 29.67 | + .09 | 66 | 65 | + .4 | NN | 2 | 0 | * | 68 | 59 | 0.30 | | |
| Sumburgh Head ... | 29.47 | 56 | NE | 3 | r | 29.46 | - .10 | 58 | 58 | + .1 | NNE | 1 | m | 3 | 59 | 52 | 0.12 | | |
| Stornoway ... | 29.63 | 55 | NNN | 4 | r | 29.51 | + .08 | 59 | 56 | + .1 | NE | 4 | 0 | 3 | 64 | 52 | - | | |
| Thurso ... | 29.51 | 57 | Z | 0 | 0 | 29.55 | + .06 | 57 | 55 | - .1 | NNN | 2 | bc | 3 | 59 | 52 | 0.26 | | |
| Wick ... | 29.48 | 57 | NE | 1 | 0 | 29.53 | + .06 | 56 | 55 | - .2 | Z | 0 | 0 | 0 | 60 | 47 | 0.15 | | |
| Nairn ... | 29.47 | 59 | E | 1 | bc | 29.49 | + .07 | 57 | 56 | - .1 | Z | 0 | om | 1 | 71 | 56 | - | | |
| Aberdeen ... | 29.46 | 60 | ENE | 1 | m | 29.54 | + .08 | 58 | 57 | - .2 | SSE | 1 | 0 | 1 | 65 | 56 | 0.08 | | |
| Leith ... | 29.44 | 65 | N | 1 | m | 29.53 | + .08 | 56 | 55 | - .2 | E | 1 | r | * | 71 | 51 | - | | |
| Shields ... | 29.49 | 60 | E | 1 | 0 | 29.58 | + .11 | 61 | 57 | + .2 | NN | 1 | 0 | 1 | 68 | 52 | - | | |
| Scarborough ... | 29.50 | 60 | SE | 1 | 0 | 29.60 | + .11 | 63 | 60 | + .3 | SSW | 1 | 0 | 1 | 63 | 58 | - | | |
| York ... | 29.49 | 57 | S | 1 | 0 | 29.59 | + .10 | 62 | 60 | + .8 | S | 1 | 0 | * | 74 | 52 | - | | |
| Nottingham ... | 29.52 | 67 | SSW | 1 | bc | 29.63 | + .12 | 65 | 61 | + .6 | SSW | 3 | 0 | * | 79 | 56 | - | | |
| Ardrossan ... | 29.46 | 65 | SW | 2 | 0 | 29.50 | + .04 | 61 | 59 | + .1 | ESE | 1 | om | 2 | 67 | 57 | 0.01 | | |
| Greencastle ... | 29.43 | 65 | SE | 1 | 0 | 29.47 | + .04 | 60 | 59 | 0 | S | 2 | 0 | * | 73 | 58 | 0.07 | | |
| Donaghadee ... | 29.47 | 60 | SSW | 1 | bc | 29.51 | + .04 | 60 | 59 | + .1 | SSW | 2 | 0 | 1 | 63 | 58 | - | | |
| Kingstown ... | 29.47 | 64 | SE | 1 | bc | 29.53 | + .06 | 61 | 55 | 0 | SW | 1 | 0 | 1 | 66 | 60 | 0.02 | | |
| Holyhead ... | 29.50 | 63 | SSW | 1 | 0 | 29.56 | + .06 | 60 | 58 | + .2 | SSW | 3 | 0 | 2 | 69 | 57 | - | | |
| Liverpool (Bidston) ... | 29.50 | 65 | NNN | 1 | 0 | 29.59 | + .09 | 59 | 58 | - .2 | S | 1 | 0 | 1 | 70 | 57 | - | | |
| Valencia ... | 29.43 | 61 | NNN | 3 | 0 | 29.41 | .00 | 59 | 58 | - .2 | SSE | 6 | r | 6 | 66 | 53 | 0.18 | | |
| Roche's Point ... | 29.52 | 62 | SW | 4 | 0 | 29.52 | + .08 | 62 | 59 | 0 | SW | 3 | bc | 3 | 68 | 55 | 0.16 | | |
| Pembroke ... | 29.52 | 64 | S | 1 | 0 | 29.59 | + .11 | 61 | 58 | + .1 | S | 3 | cp | 3 | 66 | 60 | 0.32 | | |
| Portishead ... | 29.55 | 63 | SW | 2 | 0 | 29.61 | + .11 | 63 | 61 | + .4 | S | 3 | 0 | 3 | 71 | 56 | 0.02 | | |
| Seilly ... | 29.59 | 64 | NNN | 6 | 0 | 29.62 | + .13 | 64 | 61 | + .2 | SW | 5 | cp | 4 | 69 | 59 | 0.14 | | |
| Plymouth ... | 29.56 | 64 | SSW | 2 | 0 | 29.65 | + .17 | 62 | 61 | 0 | NNN | 4 | bc | * | 66 | 60 | 0.16 | | |
| Hurst Castle ... | 29.57 | 65 | N | 4 | 0 | 29.67 | + .18 | 64 | 64 | + .1 | NNN | 4 | om | 5 | 67 | 61 | 0.03 | | |
| Dover ... | 29.56 | 62 | NNN | 1 | 0 | 29.73 | + .25 | 64 | 63 | + .1 | NNN | 4 | bc | 3 | 68 | 60 | 0.35 | | |
| London ... | 29.54 | 68 | NNN | 1 | bc | 29.69 | + .18 | 63 | 61 | + .3 | S | 2 | 0 | * | 70 | 52 | 0.01 | | |
| Oxford ... | 29.54 | 66 | SSW | 1 | 0 | 29.64 | + .14 | 62 | 60 | + .8 | S | 1 | 0 | * | 70 | ? | - | | |
| Cambridge ... | 29.52 | 68 | SW | 1 | 0 | 29.68 | + .18 | 63 | 61 | + .6 | SW | 1 | bc | * | 74 | 55 | - | | |
| Yarmouth ... | 29.53 | 64 | Z | 0 | 0 | 29.69 | + .19 | 63 | 61 | + .2 | SSW | 3 | 0 | 2 | 66 | 57 | 0.03 | | |
| The Helder ... | * | * | * | * | * | 29.71 | + .19 | 64 | 63 | 0 | SW | 1 | bc | * | * | * | - | | |
| Cape Gris Nez ... | 29.54 | 63 | NE | 1 | r | 29.76 | + .27 | 64 | 63 | + .1 | SW | 5 | 0 | 4 | 68 | 61 | 0.55 | | |
| Jersey ... | 29.66 | 63 | N | 4 | bc | 29.76 | + .27 | 62 | 61 | - .1 | SW | 6 | 0 | 5 | 66 | 60 | 0.02 | | |
| Brest ... | 29.73 | ? | NNN | 2 | 0 | 29.78 | + .20 | 63 | 61 | + .2 | SW | 4 | r | 4 | 64 | 59 | 0.04 | | |
| L'Orient ... | 29.71 | 64 | N | 3 | bc | 29.82 | + .24 | 64 | 61 | + .1 | NNN | 3 | 0 | 3 | 70 | 59 | - | | |
| Rocheport ... | 29.81 | 66 | ? | 5 | 0 | 29.89 | + .20 | 66 | 64 | - .2 | NNN | 3 | 0 | 3 | 70 | 59 | 0.20 | | |
| Biarritz ... | 29.83 | 73 | ESE | 3 | 0 | 29.93 | + .13 | 79 | 66 | - .7 | NNN | 2 | bc | 3 | 84 | 66 | - | | |
| Corunna ... | * | * | * | * | * | | | | * | | | | | | * | * | * | | |
| Brussels ... | * | * | * | * | * | 29.81 | + .31 | 63 | 61 | + .3 | SSW | 2 | 0 | * | 66 | 59 | 0.87 | | |
| Charleville ... | * | * | * | * | * | 29.80 | + .29 | 63 | * | + .3 | S | 3 | 0 | * | * | * | * | | |
| Paris ... | 29.64 | 67 | NNN | 5 | bc | 29.85 | + .31 | 63 | 62 | - .1 | S | 3 | 0 | * | * | * | 0.08 | | |
| Lyons ... | * | * | * | * | * | 29.91 | + .07 | 68 | * | + .2 | S | 2 | 0 | * | * | * | * | | |
| Toulon ... | 29.90 | 73 | S | 2 | m | 29.94 | + .05 | 70 | 70 | + .2 | SE | 1 | m | 3 | 82 | 68 | - | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|-----|---|
| Skudesnaes ... | 29.47 | 63 | 59 | E | 2 | 0 | 2 | Valencia | 29.42 | 65 | 60 | S | 3 | 0 | 4 |
| Thurso | 29.50 | 57 | 57 | ESE | 2 | r | 2 | Seilly | 29.55 | 68 | 64 | SW | 5 | 0 | 4 |
| Scarborough ... | 29.49 | 62 | 59 | E | 1 | 0 | 1 | London | 29.57 | 67 | 63 | Z | 0 | off | * |
| Greencastle ... | 29.43 | 68 | 63 | S | 1 | 0 | * | Rocheport ... | 29.79 | 68 | 66 | NNN | 6 | r | 5 |
| Holyhead | 29.50 | 67 | 62 | SSW | 2 | bc | 1 | | | | | | | | |

No important change beyond a freshening of the southerly winds at Seilly. In London the weather has become very dark gloomy and close.

EXPLANATION OF COLUMNS.

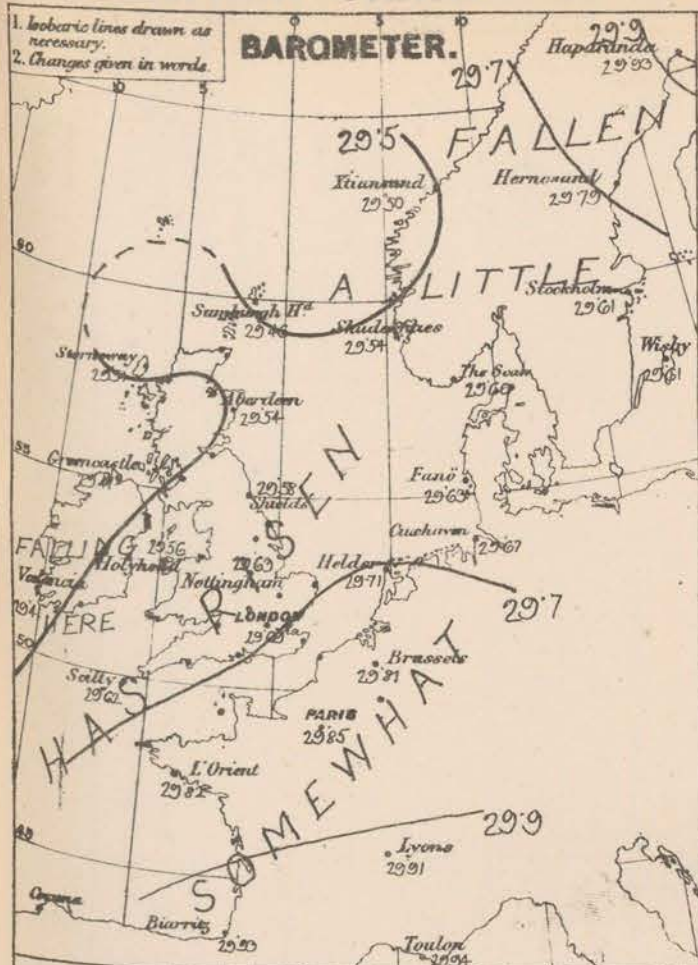
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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. in Paris.

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 AUGst 1878.



DAILY WEATHER REPORT *August 28th 1878.*

| 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 8 A.M. 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 ... | 29.80 | 56 | S | 2 | 0 | 29.71 | -.22 | 53 | 53 | + 1 | E | 2 | f | * | 66 | 50 | - | |
| Hernösand ... | 29.67 | 56 | NE | 4 | 1 | 29.60 | -.19 | 58 | 57 | + 1 | W | 0 | c | * | * | * | 0.55 | |
| Stockholm ... | 29.66 | 60 | S | 4 | 0 | 29.69 | + .08 | 59 | 58 | + 1 | W | 0 | f | * | * | * | 0.04 | |
| Wisby ... | 29.64 | 58 | W | 4 | c | 29.73 | + .12 | 60 | 60 | - 3 | W | 4 | f | * | * | * | - | |
| Christiansund ... | 29.59 | 59 | Z | 0 | bc | 29.62 | + .12 | 57 | 55 | - 5 | WSTN | 1 | 0 | 1 | 64 | 52 | - | |
| Skudesnaes ... | 29.63 | 62 | SSE | 4 | 0 | 29.58 | + .04 | 61 | 59 | 0 | ESE | 4 | 0 | 2 | 63 | 61 | - | |
| Oxö (Xtiansand) ... | 29.71 | 62 | STN | 4 | c | 29.64 | + .06 | 60 | 58 | 0 | NE | 2 | 0 | 2 | 66 | 54 | - | |
| Skagen (The Snaa) ... | 29.69 | 59 | W | 0 | bc | 29.67 | + .07 | 61 | 59 | + 2 | STN | 1 | c | 2 | 68 | 57 | - | |
| Fanö ... | 29.72 | 62 | STN | 1 | c | 29.62 | -.01 | 64 | 63 | - 1 | STN | 4 | c | * | 66 | 59 | 0.08 | |
| Cuxhaven ... | 29.79 | ? | WSTN | 1 | mv | 29.72 | + .05 | 62 | 60 | - 4 | STN | 1 | f | * | 66 | 57 | 0.05 | |
| Sumburgh Head ... | 29.47 | 58 | S | 1 | 0 | 29.54 | + .08 | 56 | 55 | - 2 | W | 1 | mv | 2 | 59 | 53 | 0.01 | |
| Stornoway ... | 29.51 | 58 | ENE | 4 | 0 | 29.61 | + .10 | 57 | 55 | - 2 | NNE | 5 | 0 | 4 | 64 | 51 | - | |
| Thurso ... | 29.55 | 59 | Z | 0 | c | 29.57 | + .04 | 57 | 57 | 0 | NW | 1 | 0 | 2 | 68 | 48 | - | |
| Wick ... | 29.56 | 58 | SE | 1 | 0 | 29.58 | + .05 | 56 | 56 | 0 | NNE | 1 | f | 0 | 67 | 45 | 0.01 | |
| Nairn ... | 29.48 | 60 | Z | 0 | c | 29.59 | + .10 | 57 | 55 | 0 | W | 0 | bc | 1 | 61 | 56 | 0.10 | |
| Aberdeen ... | 29.53 | 59 | SSE | 1 | c | 29.55 | + .01 | 58 | 57 | 0 | NNW | 1 | f | 1 | 64 | 57 | 0.02 | |
| Leith ... | 29.52 | 6 | W | 1 | bc | 29.54 | + .01 | 60 | 58 | + 4 | NW | 1 | bc | * | 61 | 50 | 0.08 | |
| Shields ... | 29.55 | 60 | E | 1 | 0 | 29.60 | + .02 | 58 | 56 | - 3 | WSTN | 2 | 0mv | 1 | 70 | 54 | 0.02 | |
| Scarborough ... | 29.58 | 64 | STN | 1 | 0 | 29.62 | + .02 | 60 | 58 | - 3 | WSTN | 2 | bc | 2 | 70 | 57 | 0.04 | |
| York ... | 29.58 | 63 | W | 1 | f | 29.62 | + .03 | 59 | 57 | - 3 | STN | 2 | 0 | * | 72 | 53 | 0.10 | |
| Nottingham ... | 29.60 | 64 | W | 0 | 0 | 29.67 | + .04 | 59 | 58 | - 6 | STN | 3 | 0 | * | 76 | 52 | 0.36 | |
| Ardrossan ... | 29.50 | 60 | WSTN | | c | 29.56 | + .06 | 59 | 57 | - 2 | NW | 1 | c | 0 | 68 | 56 | 0.46 | |
| Greencastle ... | 29.47 | 64 | ENE | 2 | 0 | 29.59 | + .12 | 59 | 57 | - 1 | NNW | 1 | 0 | * | 71 | 52 | - | |
| Donaghadee ... | 29.50 | 59 | S | 2 | 0 | 29.58 | + .07 | 59 | 58 | - 1 | W | 2 | 0 | 0 | 64 | 52 | 0.14 | |
| Kingstown ... | 29.50 | 62 | SSE | 4 | c | 29.61 | + .08 | 57 | 56 | - 4 | NW | 4 | c | 3 | 65 | 54 | 0.06 | |
| Holyhead ... | 29.55 | 63 | STN | 3 | c | 29.59 | + .03 | 60 | 58 | 0 | W | 2 | 0 | 1 | 69 | 58 | 0.35 | |
| Liverpool (Bidston) ... | 29.56 | 63 | SE | 1 | c | 29.62 | + .03 | 60 | 58 | + 1 | S | 1 | 0 | 1 | 69 | 54 | 0.19 | |
| Valencia ... | 29.46 | 60 | WSTN | 5 | 0 | 29.69 | + .28 | 61 | 59 | + 2 | W | 2 | c | 2 | 61 | 49 | 0.49 | |
| Roche's Point... .. | 29.45 | 63 | STN | 5 | 0 | 29.68 | + .16 | 59 | 55 | - 3 | NNW | 4 | 0 | 4 | 69 | 55 | 0.27 | |
| Pembroke ... | 29.55 | 61 | STN | 5 | f | 29.62 | + .03 | 61 | 58 | 0 | WSTN | 6 | bc | 5 | 65 | 59 | 0.47 | |
| Portishead ... | 29.62 | 63 | STN | 4 | f | 29.69 | + .08 | 61 | 59 | - 2 | STN | 5 | 0 | 4 | 70 | 55 | 0.26 | |
| Seilly ... | 29.62 | 62 | STN | 7 | opt | 29.76 | + .14 | 62 | 60 | - 2 | WSTN | 6 | cp | 6 | 68 | 59 | 0.24 | |
| Plymouth ... | 29.66 | 64 | STN | 4 | 0 | 29.75 | + .10 | 63 | 60 | + 1 | STN | 5 | 0 | * | 69 | 60 | - | |
| Hurst Castle ... | 29.71 | 66 | WSTN | | c | 29.77 | + .10 | 66 | 65 | + 2 | WSTN | 6 | bc | 6 | 68 | 62 | 0.01 | |
| Dover ... | 29.74 | 63 | WSTN | 4 | 0 | 29.80 | + .07 | 65 | 61 | + 1 | WSTN | 4 | bc | 3 | 67 | 61 | 0.06 | |
| London ... | 29.70 | 65 | STN | 3 | c | 29.77 | + .08 | 63 | 59 | 0 | STN | 2 | bc | * | 72 | 57 | 0.04 | |
| Oxford ... | 29.63 | 62 | S | 2 | 0 | 29.71 | + .07 | 61 | 59 | - 1 | WSTN | 3 | c | * | 71 | 56 | 0.10 | |
| Cambridge ... | 29.65 | 67 | STN | 2 | bc | 29.74 | + .06 | 61 | 59 | - 2 | STN | 1 | 0 | * | 71 | 54 | 0.06 | |
| Yarmouth ... | 29.66 | 67 | STN | 3 | c | 29.72 | + .03 | 62 | 59 | - 1 | WSTN | 4 | bc | 2 | 69 | 56 | 0.04 | |
| The Helder ... | * | * | * | * | * | 29.71 | .00 | 64 | 61 | 0 | STN | 3 | 0 | * | * | * | 0.32 | |
| Cape Gris Nez ... | 29.76 | 64 | WSTN | 5 | 0 | 29.82 | + .06 | 63 | 63 | - 1 | WSTN | 6 | f | 5 | 68 | 61 | 0.12 | |
| Jersey ... | 29.79 | 65 | STN | 4 | 0 | 29.88 | + .12 | 63 | 61 | + 1 | STN | 6 | ow | 5 | 68 | 61 | 0.04 | |
| Brest ... | 29.83 | ? | STN | 4 | 0 | 29.92 | + .14 | 61 | 61 | - 2 | WSTN | 3 | 0 | 4 | 66 | 57 | - | |
| L'Orient ... | 29.84 | 64 | WSTN | 4 | 0 | 29.94 | + .16 | 63 | 61 | - 1 | WSTN | 3 | mv | 4 | 70 | 59 | - | |
| Rochefort ... | 29.84 | 70 | W | 3 | c | 30.02 | + .18 | 68 | 66 | + 2 | STN | 3 | bc | 3 | 73 | 63 | - | |
| Biarritz ... | 29.97 | 73 | NNW | 2 | c | 30.04 | + .08 | 68 | 64 | - 2 | ENE | 1 | bc | 3 | ? | 63 | - | |
| Corunna ... | * | * | * | * | * | | | | | | | | | | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.86 | + .05 | 62 | 59 | - 1 | SE | 6 | 0 | * | 70 | ? | 0.08 | |
| Charleville ... | * | * | * | * | * | 29.86 | + .06 | 63 | * | 0 | S | 3 | 0 | * | * | * | * | |
| Paris ... | 29.85 | 69 | STN | 3 | 0 | 29.97 | + .12 | 65 | 60 | + 2 | STN | 4 | bc | * | * | * | 0.04 | |
| Lyons ... | * | * | * | * | * | 30.00 | + .09 | 72 | * | + 4 | S | 2 | 0 | * | * | * | * | |
| Toulon ... | 29.95 | 73 | WSTN | 4 | mv | 30.02 | + .08 | 75 | 70 | + 5 | NE | 8 | mv | 2 | 81 | 70 | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.62 | 63 | 60 | SSW | 2 | 0 | 3 | Valencia | 29.39 | 61 | 57 | SSE | 4 | cp | 5 |
| Thurso | 29.55 | 63 | 58 | NNW | 1 | bc | 3 | Seilly | 29.63 | 62 | 63 | SW | 7 | c | 6 |
| Scarborough ... | 29.59 | 69 | 63 | SSW | 2 | bc | 2 | London | 29.69 | 69 | 63 | SW | 4 | c | * |
| Greencastle ... | 29.47 | 69 | 63 | ESE | 2 | 0 | * | Rochefort ... | 29.94 | 70 | 66 | NNW | 3 | bc | 3 |
| Holyhead | 29.58 | 64 | 62 | SSW | 4 | 0 | 3 | | | | | | | | |

A very slight fall of the barometer has taken place at Valencia since the morning but elsewhere no important alteration is reported. The STN² wind now blows strongly over the south of England, and the sea is rough in the Channel.

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. equally; 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.

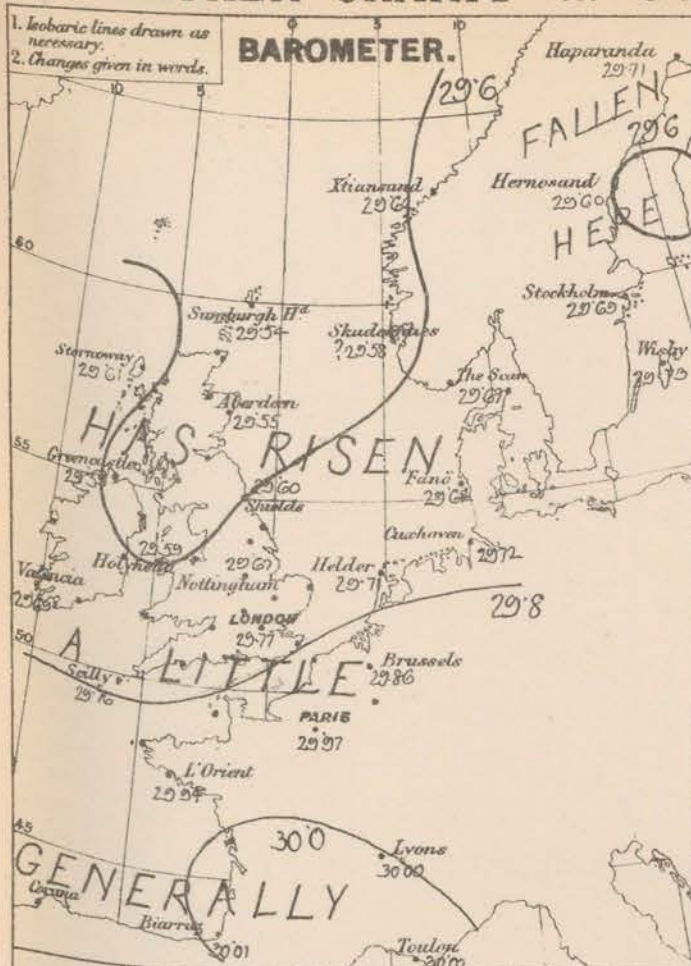
† The evening observations are taken at 6 p.m. in our Islands, at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France.

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

WEATHER CHARTS for 8 a.m. on Wednesday 28th Aug^r 1878.

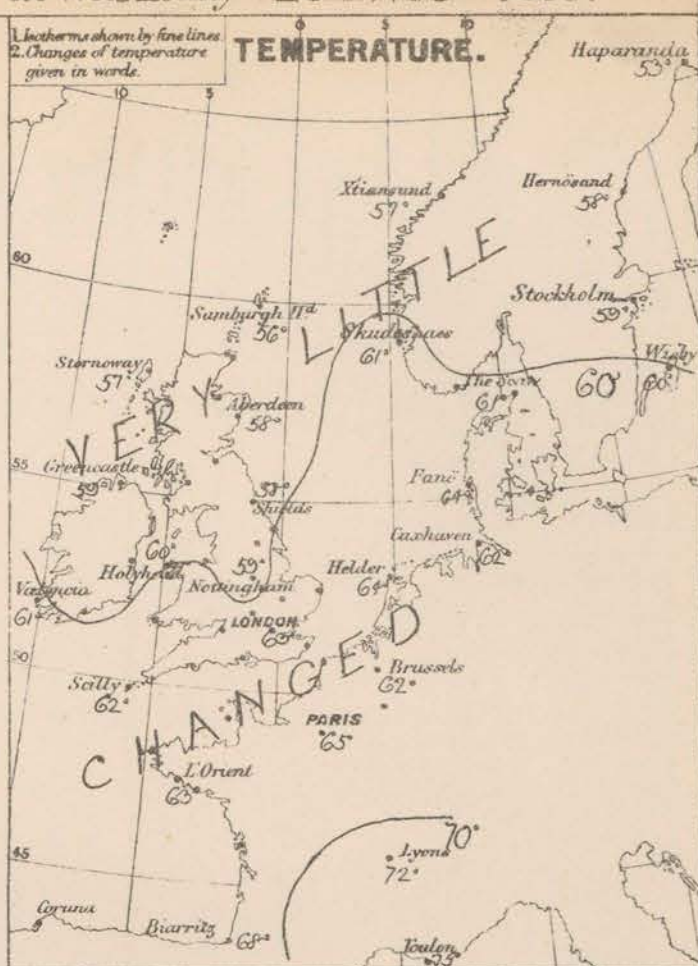
1. Isobaric lines drawn as necessary.
2. Changes given in words.

BAROMETER.



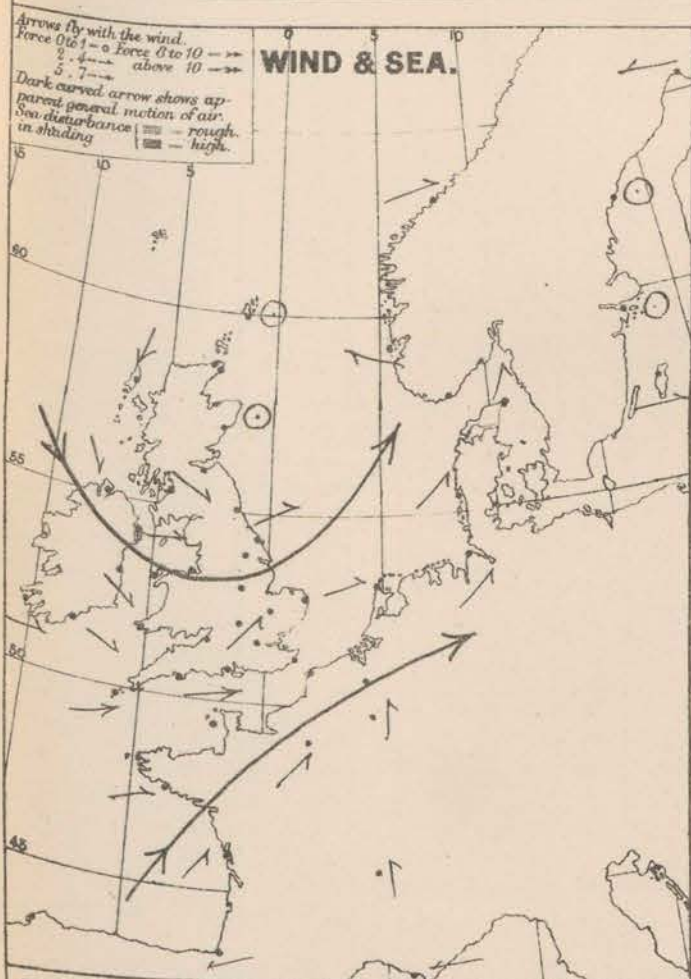
1. Isotherms shown by fine lines.
2. Changes of temperature given in words.

TEMPERATURE.



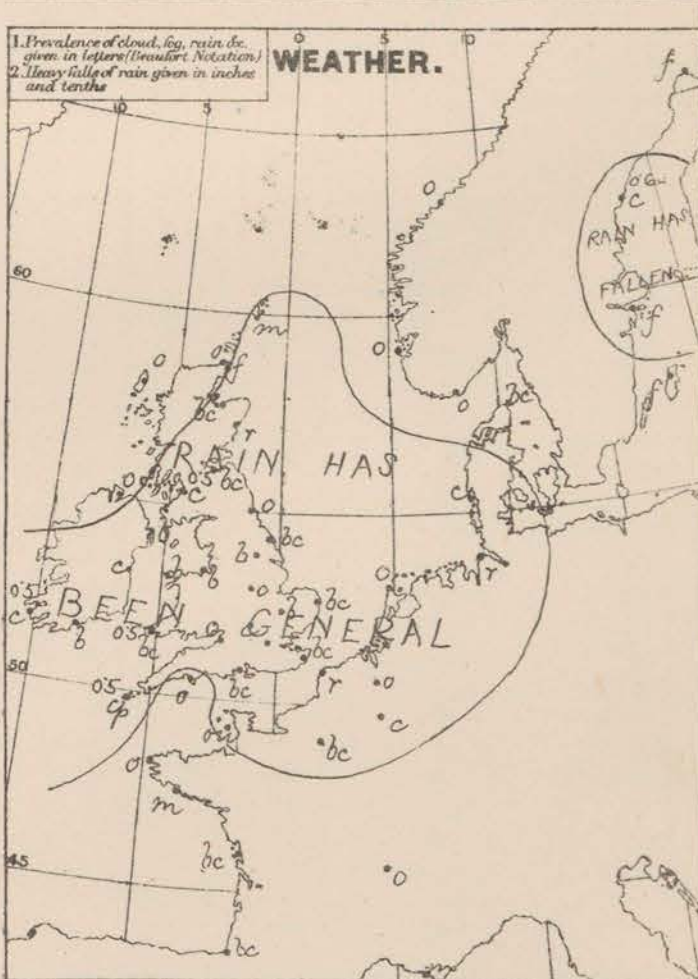
1. Arrows fly with the wind. Force 0 to 10 ————
2. 4 ———— above 10 ————
3. 7 ———— above 10 ————
- Dark curved arrow shows apparent general motion of air.
- Sea disturbance in shading: ———— rough, ———— high.

WIND & SEA.



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

WEATHER.



REMARKS. Weather is finer over our Islands generally than of late but rain still falls in the north east of Scotland, and showers are reported at some of the southern stations. Thunderstorms have occurred at several of our western and northern stations, and rain fell yesterday on all our coasts, but except at the western stations the amount was small. At Ardrossan, Valentia, Pembroke and Lilly, however, the fall amounted to about half an inch. Temperature has not changed much. The maximum values were above 70° at most of our inland stations yesterday, and this morning's readings vary from about 36° in the extreme north of Scotland to 66° at Hurst Castle and 75° at Toulon. Wind is fresh to strong from the W. at the southern stations but is generally light from N. and NW on our northern coasts. At Stornoway, however, it is fresh from NNE. Sea is rough in the Channel. **Barometrical Indications.** A further rise of the barometer is reported from all parts of our Islands and France, and a further fall in the north of Sweden. Readings are now above 30.1 ins. in the south of France, and moderately regular indications for W. winds prevail over the southern districts generally. In the north, however, pressure is still very irregularly distributed.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 4/- per quarter, book post 5/- per quarter.

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

R. H. SCOTT.

Secretary.

DAILY WEATHER REPORT *August 29th 1878.*

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|-------------------------|---|--------------------|-------|---------------------|----------|--|---|-------------|------|---|-------|---------------------|----------|-------------------|-------------|----------------|---------------------------|--|
| | Baromet. at 320 ft. 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 320 ft. 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 ... | 29.73 | 54 | L | 0 | f | 29.75 | + .04 | 55 | 55 | + 2 | NE | 2 | o | * | 59 | 50 | - | |
| Hernösand ... | 30.06 | 58 | L | 0 | c | 29.71 | + .11 | 57 | 56 | - 1 | L | 0 | c | * | * | * | - | |
| Stockholm ... | 29.67 | 58 | L | 0 | f | 29.69 | '00 | 58 | 58 | - 1 | L | 0 | f | * | * | * | - | |
| Wisby ... | 29.73 | 58 | N | 4 | b | 29.69 | - .04 | 61 | 59 | + 1 | SE | 4 | bc | * | * | * | - | |
| Christiansund ... | 29.71 | 55 | N | 1 | f | 29.76 | + .14 | 55 | 53 | - 2 | SE | 1 | f | 0 | 63 | 48 | - | |
| Skudesnaes ... | 29.61 | 60 | NNW | 2 | r | 29.72 | + .14 | 63 | 62 | + 2 | L | 0 | f | 2 | 66 | 61 | - | |
| Oxö (Xtiansand) ... | 29.60 | 61 | N | 2 | o | 29.71 | + .07 | 62 | 60 | + 2 | NE | 4 | c | 2 | 63 | 57 | - | |
| Skågen (The Seaw.) ... | 29.63 | 62 | L | 0 | o | 29.73 | + .06 | 62 | 60 | + 1 | L | 0 | c | 0 | 75 | 59 | 0.20 | |
| Fandö ... | 29.70 | 60 | N | 4 | c | 29.76 | + .14 | 65 | 61 | + 1 | N | 3 | bc | * | 66 | 57 | 0.32 | |
| Cuxhaven ... | 29.84 | 66 | NNW | 2 | b | 29.83 | + .11 | 62 | 62 | 0 | NNW | 1 | o | * | 68 | 59 | 0.04 | |
| Sumburgh Head ... | 29.64 | 58 | NE | 1 | bc | 29.77 | + .23 | 57 | 56 | + 1 | NE | 2 | o | 2 | 63 | 57 | - | |
| Stornoway ... | 29.71 | 57 | N | 3 | o | 29.74 | + .13 | 58 | 56 | + 1 | E | 1 | bc | 4 | 59 | 57 | - | |
| Thurso ... | 29.72 | 57 | NNW | 2 | r | 29.76 | + .17 | 57 | 56 | 0 | L | 0 | o | 2 | 61 | 55 | 0.08 | |
| Wick ... | 29.69 | 57 | N | 2 | o | 29.75 | + .17 | 56 | 55 | 0 | N | 2 | f | 0 | 67 | 53 | - | |
| Nairn ... | 29.70 | 59 | SSW | 1 | c | 29.76 | + .17 | 58 | 56 | + 1 | NE | 1 | bc | 1 | 64 | 57 | 0.01 | |
| Aberdeen ... | 29.66 | 61 | N | 1 | o | 29.75 | + .20 | 59 | 57 | + 1 | NNW | 1 | o | 1 | 65 | 56 | 0.08 | |
| Leith ... | 29.66 | 60 | E | 1 | bc | 29.72 | + .18 | 58 | 57 | - 2 | SE | 1 | r | * | 72 | 54 | - | |
| Shields ... | 29.66 | 62 | SE | 1 | o | 29.75 | + .15 | 58 | 57 | 0 | ENE | 1 | om | 2 | 67 | 54 | 0.01 | |
| Scarborough ... | 29.68 | 61 | SE | 1 | bc | 29.74 | + .12 | 60 | 58 | 0 | NNE | 2 | f | 2 | 68 | 56 | 0.06 | |
| York ... | 29.67 | 67 | N | 2 | b | 29.73 | + .11 | 55 | 54 | - 4 | S | 1 | o | * | 71 | 57 | 0.02 | |
| Nottingham ... | 29.72 | 64 | SSW | 2 | c | 29.69 | + .02 | 64 | 60 | + 5 | SE | 3 | bc | * | 69 | 53 | 0.05 | |
| Ardrossan ... | 29.66 | 65 | NNW | 3 | b | 29.69 | + .13 | 59 | 57 | 0 | ENE | 3 | c | 2 | 68 | 54 | - | |
| Greencastle ... | 29.71 | 61 | NNW | 2 | bc | 29.66 | + .07 | 59 | 57 | 0 | NE | 1 | o | * | 68 | 53 | - | |
| Donaghadee ... | 29.71 | 61 | NNW | 2 | b | 29.69 | + .11 | 56 | 56 | - 3 | ENE | 3 | m | 0 | 63 | 52 | - | |
| Kingstown ... | 29.73 | 66 | SSE | 3 | b | 29.66 | + .05 | 60 | 58 | + 3 | SE | 3 | r | 3 | 66 | 56 | 0.04 | |
| Holyhead ... | 29.73 | 61 | SW | 2 | b | 29.65 | + .06 | 58 | 57 | - 2 | E | 3 | r | 2 | 65 | 57 | 0.06 | |
| Liverpool (Bidston) ... | 29.72 | 61 | N | 2 | b | 29.67 | + .05 | 60 | 58 | 0 | ESE | 1 | bc | 1 | 65 | 54 | 0.18 | |
| Valencia ... | 29.73 | 63 | N | 1 | c | 29.52 | - .17 | 57 | 55 | - 4 | NNE | 3 | r | 3 | 68 | 54 | 0.12 | |
| Roche's Point... .. | 29.74 | 64 | SW | 3 | c | 29.51 | - .17 | 59 | 57 | 0 | ENE | 5 | og | 4 | 68 | 58 | 0.24 | |
| Pembroke ... | 29.76 | 65 | NNW | 1 | b | 29.56 | - .06 | 58 | 58 | - 3 | NE | 4 | r | 3 | 66 | 58 | 0.25 | |
| Portishead ... | 29.76 | 63 | NNW | 4 | a | 29.60 | - .09 | 60 | 59 | - 1 | E | 4 | o | 4 | 68 | 56 | 0.10 | |
| Scilly ... | 29.71 | 64 | SSW | 4 | o | 29.50 | - .26 | 63 | 62 | + 1 | S | 6 | op | 5 | 69 | 61 | 0.06 | |
| Plymouth ... | 29.81 | 65 | SW | 3 | o | 29.54 | - .21 | 62 | 61 | - 1 | SE | 2 | op | * | 69 | 59 | 0.09 | |
| Hurst Castle ... | 29.82 | 65 | N | 5 | c | 29.60 | - .17 | 65 | 63 | - 1 | SE | 4 | o | 4 | 68 | 60 | 0.12 | |
| Dover ... | 29.82 | 64 | NNW | 5 | c | 29.73 | - .07 | 61 | 60 | - 4 | E | 4 | c | 2 | 67 | 61 | 0.27 | |
| London ... | 29.79 | 67 | SW | 3 | c | 29.68 | - .09 | 59 | 59 | - 4 | SE | 1 | bc | * | 71 | 58 | 0.37 | |
| Oxford ... | 29.76 | 64 | NNW | 3 | b | 29.65 | - .06 | 60 | 59 | - 1 | E | 2 | o | * | 69 | 56 | 0.09 | |
| Cambridge ... | 29.72 | 67 | SW | 3 | b | 29.75 | + .01 | 61 | 61 | 0 | SE | 1 | o | * | 73 | 54 | ? | |
| Yarmouth ... | 29.74 | 66 | SW | 2 | b | 29.76 | + .04 | 63 | 61 | + 1 | SE | 2 | bc | 2 | 70 | 56 | 0.02 | |
| The Helder ... | * | * | * | * | * | 29.81 | + .10 | 64 | 62 | 0 | SW | 1 | c | * | * | * | - | |
| Cape Gris Nez ... | 29.83 | 63 | NNW | 5 | bc | 29.72 | - .10 | 61 | 61 | - 2 | ESE | 2 | c | 1 | 66 | 59 | 0.16 | |
| Jersey ... | 29.90 | 63 | NNW | 1 | c | 29.63 | - .25 | 66 | 65 | + 3 | SSW | 3 | c | 3 | 68 | 59 | - | |
| Brest ... | 29.92 | ? | S | 2 | o | 29.69 | - .23 | 63 | 61 | + 2 | SW | 3 | b | 4 | 68 | 59 | - | |
| L'Orient ... | 29.91 | 64 | SSW | 2 | bc | 29.70 | - .24 | 64 | 61 | + 1 | NNW | 3 | b | 4 | 72 | 59 | - | |
| Rochefort ... | 29.92 | 72 | NNW | 3 | o | 29.78 | - .24 | 70 | 68 | + 2 | NNW | 3 | o | 3 | 77 | 59 | - | |
| Biarritz ... | 29.83 | 75 | ENE | 4 | c | 29.82 | - .19 | 72 | 66 | + 4 | SW | 4 | o | 0 | 86 | 66 | 0.08 | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.83 | - .03 | 60 | 59 | - 2 | SSE | 2 | o | * | 71 | 58 | 0.12 | |
| Charleville ... | * | * | * | * | * | 29.87 | + .01 | 60 | * | - 3 | S | 1 | o | * | * | * | * | |
| Paris ... | 29.92 | 70 | N | 1 | bc | 29.76 | - .21 | 66 | 64 | + 1 | SE | 1 | o | * | * | * | 0.04 | |
| Lyons ... | * | * | * | * | * | 29.96 | - .04 | 76 | * | + 4 | SE | 2 | r | * | * | * | * | |
| Toulon ... | 30.02 | 70 | E | 4 | m | 30.00 | - .02 | 68 | 68 | - 7 | SE | 5 | m | 3 | 79 | ? | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.82 | 66 | 66 | NNW | 2 | o | 2 | Valencia | 29.74 | 67 | 60 | N | 1 | bc | 2 |
| Thurso | 29.65 | 60 | 58 | NN | 2 | o | 3 | Scilly | 29.82 | 68 | 64 | NNW | 5 | c | 5 |
| Scarborough ... | 29.65 | 62 | 60 | SSE | 1 | bc | 1 | London | 29.76 | 68 | 62 | SW | 4 | bc | * |
| Greencastle .. | 29.68 | 67 | 61 | NNE | 1 | b | * | Rochefort ... | 29.95 | ? | ? | NN | 4 | b. | 3 |
| Holyhead | 29.70 | 61 | 59 | NNW | 3 | o | 2 | | | | | | | | |

No important change excepting that the barometer has ceased rising at Valentia since noon, and the wind there has become very light from N. with fine weather.

EXPLANATION OF COLUMNS

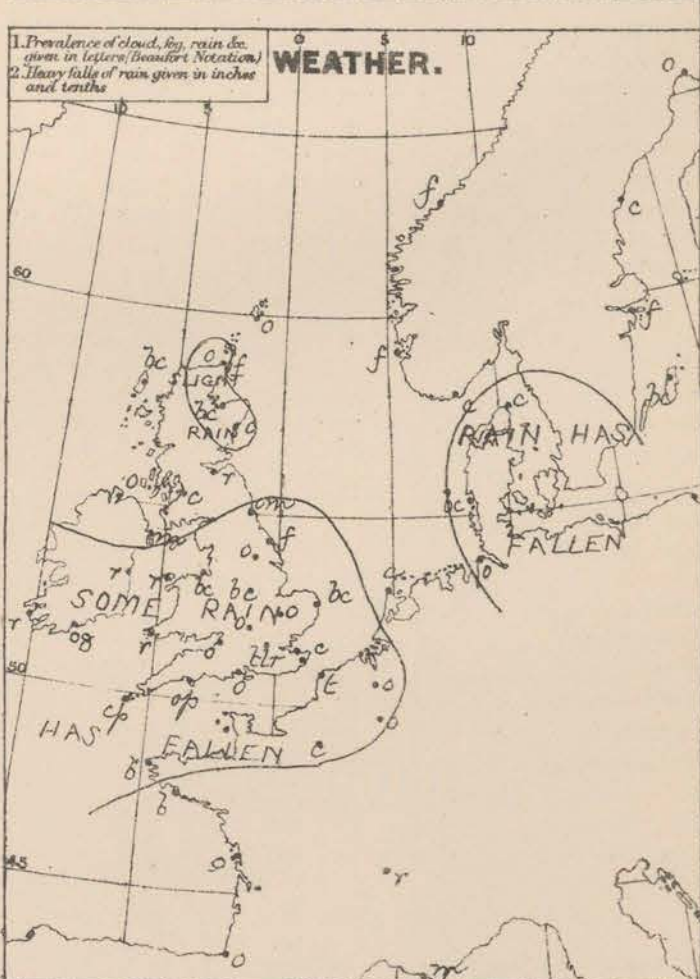
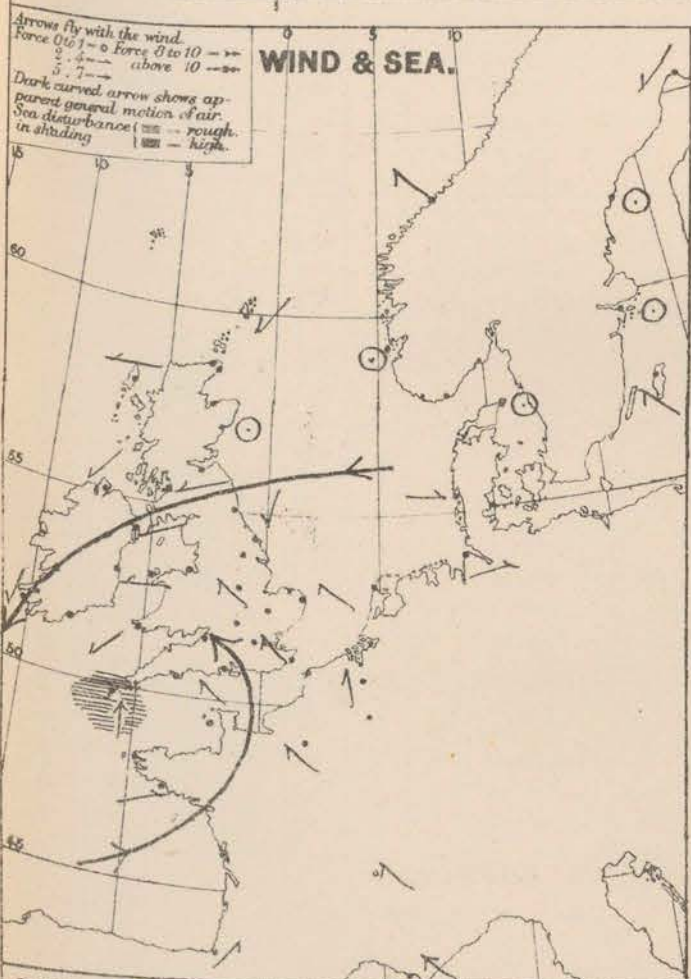
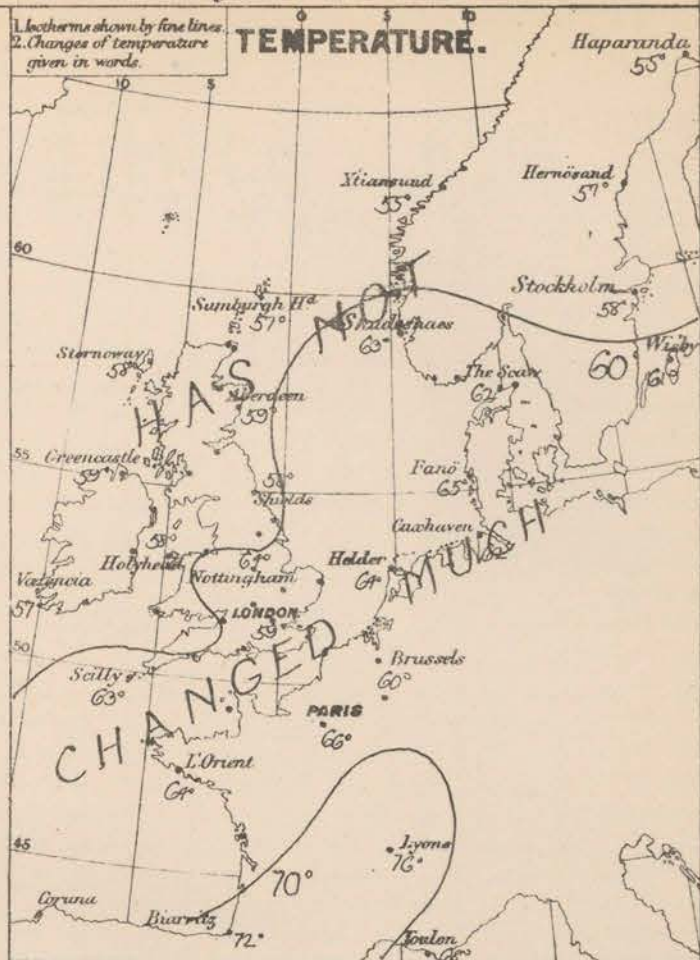
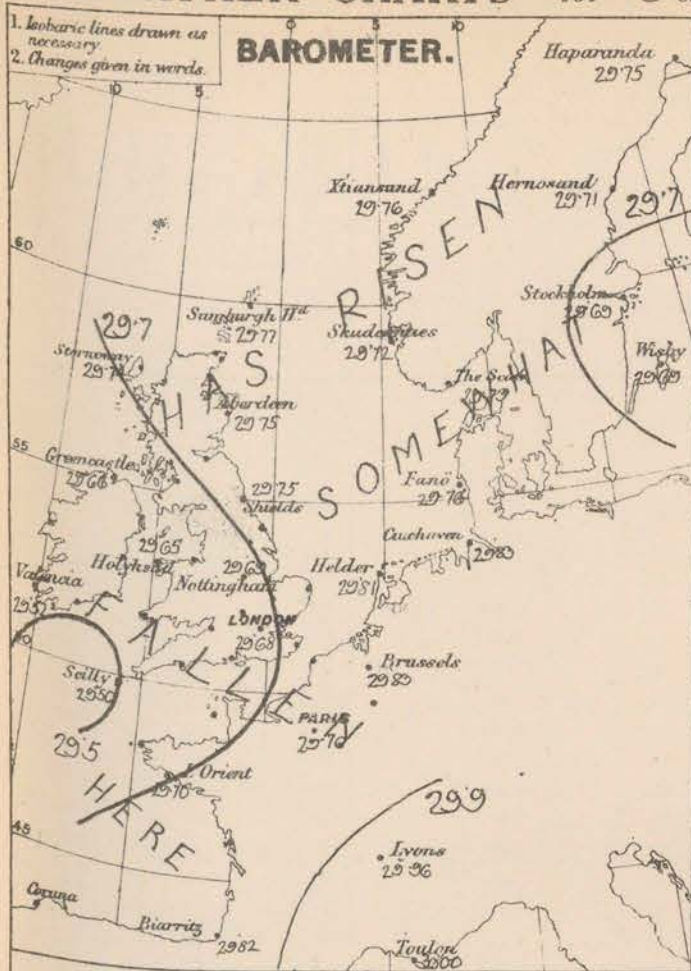
WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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 Augst 1878.



REMARKS. Weather has again become very unsettled all over the United Kingdom. Heavy showers are falling in the west, south and east of our Islands, and fog prevails in the north and north east, but in the north west of France the sky is clear. A smart thunderstorm is in progress over London and 0.92 in. of rain has fallen at Portoken in about ten minutes. Thunderstorms have been experienced at all our southern stations early this morning. Temperature has fallen a little in the south and is low over the greater part of the kingdom. The maximum values over England again varied from 70° to 73° yesterday. Wind is very variable. It is moderate from SW in the north west of France and from SE over England. At Lully it is strong from S, while in Ireland and Scotland it is E to NE and blows freshly at Lough Point. Sea is rather rough at the mouth of the Channel, smooth on our east and north east coasts and in the Irish Sea. Barometrical indications. The barometer has risen somewhat decidedly at all the northern stations, but fallen in the south. The highest readings are nevertheless still reported from the south of France. During the night a small well formed depression has reached the mouth of St. George's Channel from the Atlantic so that gradients for SE to E winds have been formed over England, while those for NW winds are found over the north coast and west of France.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 8/ per quarter, book post 5/ per quarter.

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

DAILY WEATHER REPORT AUGUST 30th 1878.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 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 ... | 29.81 | 58 | Z | 0 | 0 | 29.94 | + .19 | 56 | 55 | + 1 | NE | 2 | 0 | * | 63 | 52 | 0.08 | |
| Hernösand ... | 29.83 | 57 | NE | 2 | 0 | 29.88 | + .17 | 59 | 56 | + 2 | NNE | 2 | 0 | * | * | * | - | |
| Stockholm ... | 29.78 | 59 | Z | 0 | 0 | 29.83 | + .14 | 60 | 57 | + 2 | NNE | 2 | 0 | * | * | * | - | |
| Wisby ... | 29.75 | 58 | NNW | 4 | 0 | 29.78 | + .09 | 62 | 59 | + 1 | SE | 4 | 0 | * | * | * | - | |
| Christiansund ... | 29.80 | 54 | NNE | 4 | f | 29.74 | -.02 | 52 | 57 | - 3 | ENE | 3 | f | 2 | 57 | 39 | - | |
| Skudesnaes ... | 29.74 | 63 | Z | 0 | 0 | 29.64 | -.08 | 63 | 60 | 0 | ENE | 4 | 0 | 2 | 66 | 63 | - | |
| Oxö (Xtiansand) ... | 29.56 | 61 | SE | 2 | 0 | 29.68 | -.03 | 62 | 60 | 0 | ENE | 6 | 0 | 3 | 64 | 59 | - | |
| Skagen (The Sea) ... | 29.78 | 62 | Z | 0 | 0 | 29.71 | -.02 | 62 | 59 | 0 | ESE | 4 | 0 | 4 | 73 | 54 | - | |
| Fanö ... | 29.71 | 61 | ESE | 4 | 0 | 29.50 | -.26 | 62 | 62 | - 3 | SSE | 4 | 0 | * | 68 | 59 | 0.39 | |
| Guxhaven ... | 29.82 | 67 | E | 1 | 0 | 29.59 | -.24 | 68 | 66 | + 6 | SSH | 3 | 0 | * | ? | 61 | 0.15 | |
| Sumburgh Head ... | 29.76 | 56 | NE | 3 | 0 | 29.69 | -.08 | 56 | 55 | - 1 | ENE | 4 | 0 | 4 | 58 | 53 | 0.06 | |
| Stornoway ... | 29.65 | 59 | ENE | 5 | 0 | 29.59 | -.15 | 57 | 55 | - 1 | ENE | 7 | 0 | 7 | 61 | 53 | - | |
| Thurso ... | 29.72 | 58 | ENE | 1 | 0 | 29.61 | -.15 | 56 | 56 | - 1 | NNE | 2 | 0 | 3 | 64 | 55 | 0.06 | |
| Wick ... | 29.70 | 55 | ENE | 1 | 0 | 29.57 | -.18 | 57 | 56 | + 1 | NE | 3 | f | 1 | 69 | 54 | 0.02 | |
| Nairn ... | 29.66 | 60 | SE | 1 | 0 | 29.54 | -.22 | 58 | 58 | 0 | E | 5 | 0 | 4 | 67 | 54 | 0.01 | |
| Aberdeen ... | 29.67 | 59 | E | 1 | 0 | 29.47 | -.28 | 58 | 57 | - 1 | NNE | 4 | f | 2 | 64 | 57 | 0.50 | |
| Leith ... | 29.64 | 58 | E | 2 | f | 29.38 | -.34 | 56 | ? | - 2 | NE | 3 | f | * | 62 | 56 | 0.46 | |
| Shields ... | 29.58 | 59 | NE | 4 | f | 29.31 | -.44 | 60 | 59 | + 2 | NNW | 1 | 0 | 2 | 61 | 56 | 0.45 | |
| Scarborough ... | 29.54 | 58 | E | 3 | f | 29.34 | -.40 | 59 | 57 | - 1 | N | 1 | 0 | 2 | 62 | 55 | 0.33 | |
| York ... | 29.53 | 60 | E | 2 | 0 | 29.34 | -.39 | 59 | 57 | + 4 | WN | 1 | 0 | * | 68 | 53 | 0.08 | |
| Nottingham ... | 29.44 | 66 | SSE | 1 | 0 | 29.32 | -.37 | 59 | 58 | - 5 | N | 1 | 0 | * | 71 | 52 | 0.08 | |
| Ardrossan ... | 29.57 | 58 | ENE | 4 | f | 29.38 | -.31 | 58 | 57 | - 1 | ENE | 3 | 0 | 3 | 65 | 56 | 0.36 | |
| Greencastle ... | 29.53 | 59 | NE | 2 | 0 | 29.43 | -.23 | 55 | 55 | - 4 | N | 3 | f | * | 66 | 54 | 0.92 | |
| Donaghadee ... | 29.48 | 56 | ENE | 4 | f | 29.37 | -.32 | 57 | 57 | + 1 | NNE | 4 | 0 | 3 | 62 | 55 | 0.72 | |
| Kingstown ... | 29.48 | 59 | NNE | 5 | 0 | 29.39 | -.27 | 58 | 57 | - 2 | WN | 4 | 0 | 4 | 62 | 57 | 0.44 | |
| Holyhead ... | 29.40 | 60 | E | 4 | m | 29.35 | -.30 | 60 | 59 | + 2 | NNW | 2 | 0 | 1 | 62 | 57 | 0.15 | |
| Liverpool (Belton) ... | 29.41 | 61 | E | 2 | m | 29.34 | -.33 | 61 | 59 | + 1 | WSN | 1 | 0 | 1 | 63 | 55 | 0.18 | |
| Valencia ... | 29.44 | 59 | N | 4 | 0 | 29.57 | + .05 | 60 | 58 | + 3 | NNW | 5 | 0 | 4 | 61 | 56 | 0.35 | |
| Roche's Point... .. | 29.39 | 58 | ENE | 5 | f | 29.48 | -.03 | 59 | 56 | 0 | N | 4 | 0 | 4 | 61 | 57 | 0.58 | |
| Pembroke ... | 29.39 | 63 | SSE | 2 | 0 | 29.40 | -.16 | 60 | 58 | + 2 | NNW | 2 | 0 | 3 | 65 | 58 | 0.44 | |
| Portishead ... | 29.43 | 63 | SE | 5 | 0 | 29.36 | -.24 | 60 | 59 | 0 | SW | 3 | 0 | 3 | 70 | 56 | 0.08 | |
| Scilly ... | 29.28 | 59 | SSE | 6 | f | 29.50 | -.00 | 61 | 59 | - 2 | NNW | 5 | 0 | 6 | 67 | 57 | 1.37 | |
| Plymouth ... | 29.44 | 61 | SW | 5 | 0 | 29.45 | -.09 | 60 | 59 | - 2 | WSN | 4 | 0 | * | 67 | 56 | 0.48 | |
| Hurst Castle ... | 29.43 | 67 | S | 3 | 0 | 29.42 | -.18 | 63 | 62 | - 2 | N | 7 | 0 | 7 | 68 | 59 | 0.17 | |
| Dover ... | 29.37 | 65 | SSW | 3 | 0 | 29.39 | -.34 | 62 | 60 | + 1 | SW | 7 | 0 | 5 | 69 | 61 | 0.16 | |
| London ... | 29.53 | 67 | SW | 2 | 0 | 29.31 | -.37 | 60 | 57 | + 1 | SW | 7 | 0 | * | 72 | 59 | 0.19 | |
| Oxford ... | 29.47 | 62 | SSW | 1 | 0 | 29.35 | -.30 | 58 | 57 | - 2 | N | 3 | f | * | 68 | 56 | 0.87 | |
| Cambridge ... | 29.50 | 65 | SW | 1 | 0 | 29.24 | -.57 | 60 | 59 | - 1 | NNW | 1 | f | * | 69 | 55 | 0.92 | |
| Yarmouth ... | 29.52 | 64 | ESE | 6 | 0 | 29.32 | -.44 | 63 | 60 | 0 | S | 6 | 0 | 5 | 65 | 59 | 0.30 | |
| The Helder ... | * | * | * | * | * | 29.57 | -.30 | 63 | 60 | - 1 | S | 2 | 0 | * | * | * | 1.10 | |
| Cape Gris Nez ... | 29.60 | 64 | WSW | 2 | 0 | 29.43 | -.29 | 64 | 61 | + 3 | SW | 9 | 0 | 7 | 77 | 55 | 0.16 | |
| Jersey ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brest ... | 29.52 | ? | SW | 5 | m | 29.65 | -.04 | 61 | 59 | - 2 | N | 4 | 0 | 5 | 66 | 52 | 0.04 | |
| L'Orient ... | 29.61 | 63 | SW | 6 | f | 29.71 | + .01 | 61 | 59 | - 3 | N | 6 | f | 7 | 70 | 57 | 0.24 | |
| Rocheport ... | 29.83 | 70 | WSW | 4 | 0 | 29.85 | + .07 | 66 | 61 | - 4 | WSW | 6 | 0 | 4 | 75 | 64 | 0.12 | |
| Biarritz ... | 29.89 | 72 | N | 0 | 0 | 29.97 | + .15 | 68 | 64 | - 4 | Z | 0 | 0 | 4 | 73 | 63 | 0.24 | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.60 | -.23 | 63 | 59 | + 3 | SSW | 6 | 0 | * | 71 | 60 | 0.39 | |
| Charleville ... | * | * | * | * | * | 29.70 | -.17 | 62 | * | + 2 | S | 3 | 0 | * | * | * | * | |
| Paris ... | 29.67 | 73 | SW | 4 | 0 | 29.71 | -.05 | 63 | 59 | - 3 | S | 5 | 0 | * | * | * | - | |
| Lyons ... | * | * | * | * | * | 29.90 | -.06 | 70 | * | - 6 | NNW | ? | f | * | * | * | * | |
| Toulon ... | 29.90 | 70 | E | 5 | 0 | 29.83 | -.07 | 72 | 68 | + 4 | E | 5 | 0 | 4 | 73 | 66 | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. |
|-----------------|-------|------|------|-------|------|------|---------------|-------|------|------|-------|------|------|
| Skudesnaes ... | 29.75 | 66 | 61 | SW | 2 | 0 | Valencia ... | 29.45 | 59 | 57 | NNE | 4 | 5 |
| Thurso ... | 29.73 | 62 | 60 | NNW | 1 | 0 | Scilly ... | 29.42 | 63 | 60 | S | 6 | 5 |
| Scarborough ... | 29.65 | 61 | 60 | ESE | 2 | 0 | London ... | 29.56 | 70 | 67 | SSW | 3 | 0 |
| Greencastle ... | 29.61 | 63 | 60 | ENE | 2 | 0 | Rocheport ... | 29.82 | 70 | 64 | N | 3 | 0 |
| Holyhead ... | 29.57 | 60 | 59 | E | 4 | f | | | | | | | |

The barometer is falling generally - most in the SE. The depression in the SW is growing deeper. The Sth and SEth winds over our Sth countries, and the NNE winds at Valentia are freshening.

EXPLANATION OF COLUMNS.

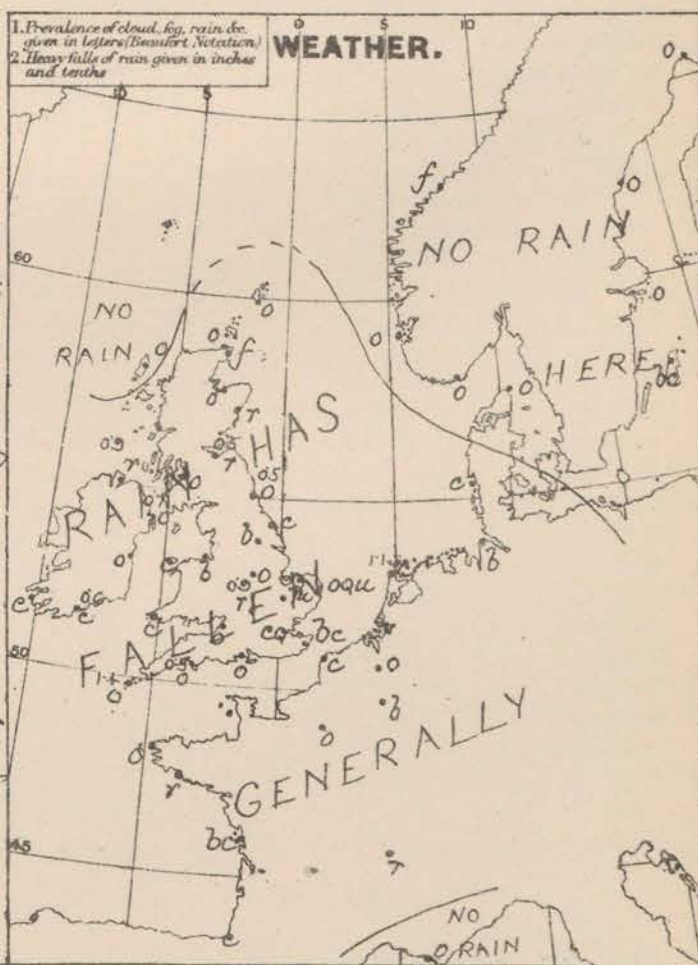
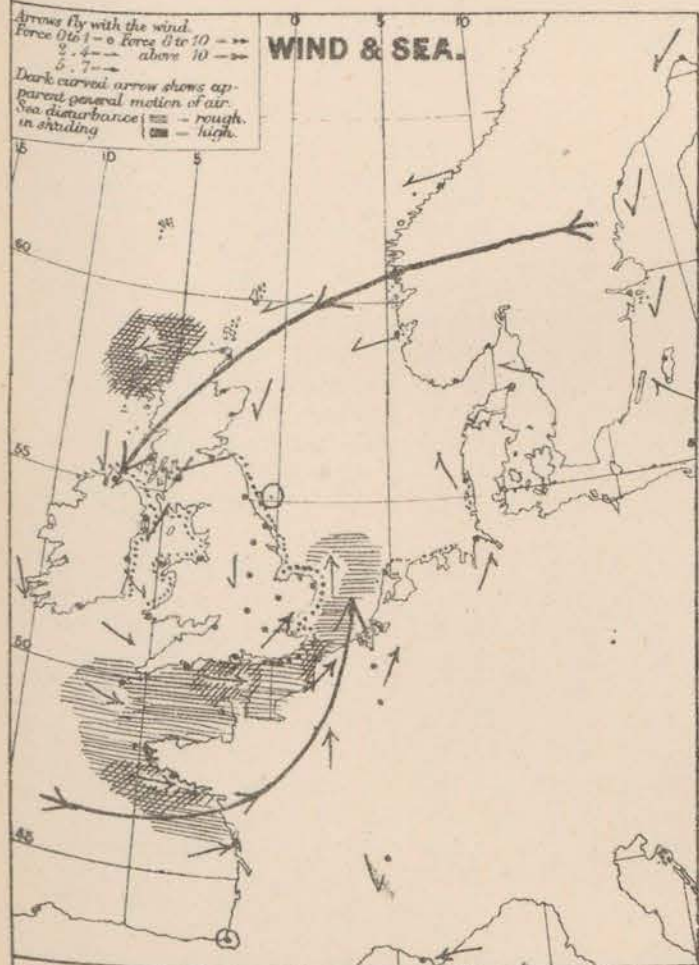
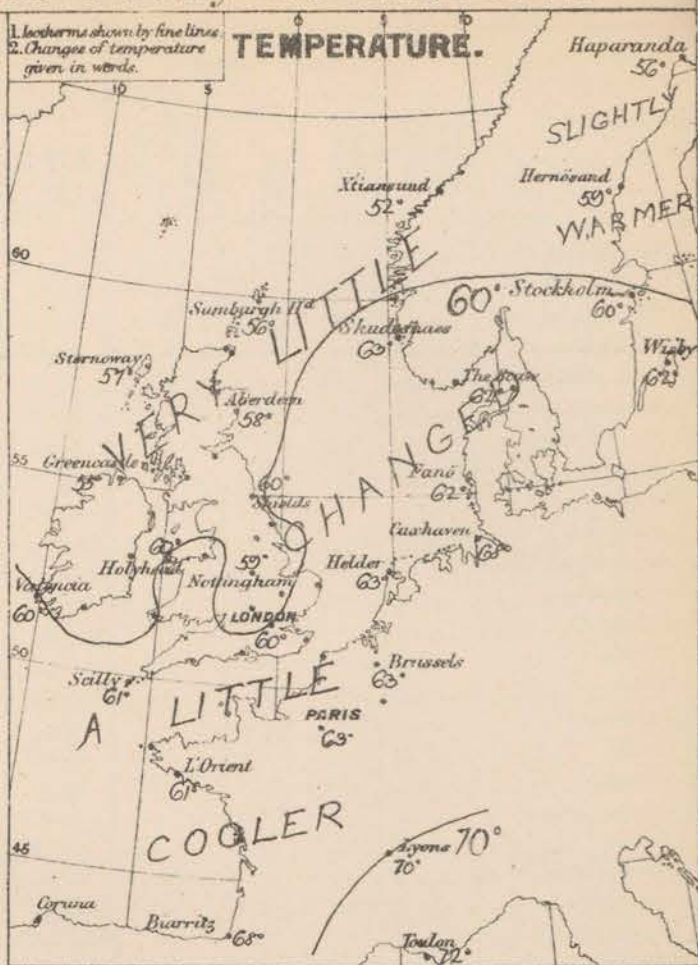
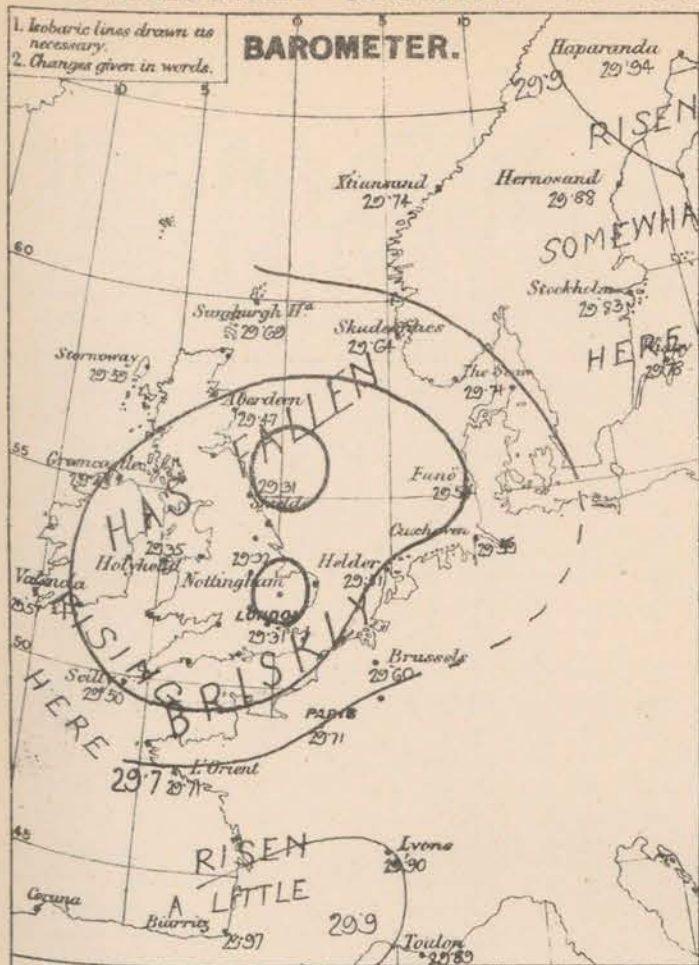
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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 30th AUG^r 1878.



REMARKS. Weather is in a very disturbed and squally condition all over the United Kingdom, France and the North Sea; the sky is cloudy generally, and rain is falling at Aberdeen, Havre and Greenock, as well as at Oxford and Cambridge. Large quantities of rain have fallen over our Islands and Holland, the largest amounts measured being 1.4 in. at Bally, 1.1 in. at the Velder, 0.9 in. at Greenock, Oxford and Cambridge, 0.7 in. at Longbridge, 0.6 in. at Roches Pt. and 0.5 in. at Leith and Shields. Temperature has fallen in the south and changed irregularly elsewhere. Wind is strong to a gale from W. and SW in the Channel, strong and squally from S. at Yarmouth, moderate to strong from E. in the north, and moderate to fresh from N. in the west. The force in the squalls in the south of England early this morning was that of a strong gale. Sea is high in the Channel and at L'Orient, as well as at Stornoway, and rough off our south east coasts.

Barometrical Indications. The depression which lay off Bally yesterday has suddenly travelled to the ENE. and now lies over Cambridgeshire, while another depression has crossed the north of our Islands and lies off the Northumberland coast. Deep baromet. (0.13 in. per 60 miles) for W. winds lie over the Channel and north of France and moderate ones (0.08 in. per 60 miles) for E. winds over Scotland.

Warnings. Our west, south and east coasts were warned yesterday, but the signals have been lowered in the south west this morning.

Subscription for these Charts payable in advance to cover delivery. Delivery by hand 4/- per quarter, book post 5/- 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 *AUGUST 31st 1878.*

| 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. | | | |
| | | | 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. | Amount of Rainfall. | |
| Haparanda | 29.97 | 58 | Z | 0 | 0 | 29.97 | + .03 | 57 | 55 | + 1 | SE | 2 | 0 | * | 61 | 48 | - | |
| Hernösand | 29.86 | 57 | NE | 6 | 0 | 29.79 | - .09 | 57 | 56 | - 2 | Z | 0 | 0 | * | * | * | 0.04 | |
| Stockholm | 29.81 | 59 | Z | 0 | 0 | 29.73 | - .10 | 59 | 57 | - 1 | E | 4 | 2 | * | * | * | - | |
| Wisby | 29.80 | 59 | SSE | 6 | 0 | 29.65 | - .13 | 62 | 61 | 0 | SSE | 6 | 0 | * | * | * | 0.39 | |
| Christiansund | 29.64 | 61 | SE | 1 | 0 | 29.63 | - .11 | 62 | 56 | + 10 | ESE | 2 | 0 | 0 | 64 | 48 | - | |
| Skudesnaes | 29.54 | 62 | NE | 2 | 0 | 29.54 | - .10 | 64 | 58 | + 1 | NE | 4 | 0 | 2 | 64 | 61 | - | |
| Oxö (Xiänsand) | 29.57 | 62 | SSE | 2 | 0 | 29.56 | - .12 | 62 | 60 | 0 | ESE | 4 | 0 | 3 | 63 | 59 | - | |
| Skagen (The Sæw) | 29.63 | 60 | Z | 0 | 0 | 29.60 | - .11 | 63 | 61 | + 1 | SSE | 1 | 0 | 1 | 68 | 55 | 0.59 | |
| Fanö | 29.64 | 62 | S | 5 | 0 | 29.56 | + .06 | 63 | 61 | + 1 | SSH | 4 | 0 | * | 68 | 59 | 0.12 | |
| Cuxhaven | 29.63 | 68 | SSH | 2 | 0 | 29.66 | + .07 | 61 | 59 | - 7 | SSH | 2 | 0 | * | 70 | 57 | 0.04 | |
| Sumburgh Head | 29.64 | 55 | NNE | 5 | m | 29.63 | - .06 | 54 | 54 | - 2 | NE | 5 | m | 4 | 59 | 53 | - | |
| Stornoway | 29.59 | 55 | NE | 5 | 0 | 29.73 | + .14 | 54 | 53 | - 3 | NE | 6 | 0 | 6 | 59 | 57 | 0.03 | |
| Thurso | 29.59 | 58 | NE | 3 | 0 | 29.67 | + .06 | 55 | 54 | - 1 | N | 3 | 0 | 4 | 60 | 54 | 0.26 | |
| Wick | 29.57 | 55 | N | 4 | f | 29.64 | + .07 | 55 | 54 | - 2 | N | 2 | 0 | 0 | 64 | 53 | 0.26 | |
| Nairn | 29.54 | 58 | SE | 3 | f | 29.66 | + .12 | 55 | 54 | - 3 | NNN | 3 | 0 | 3 | 60 | 56 | 0.56 | |
| Aberdeen | 29.44 | 58 | NNE | 4 | f | 29.57 | + .10 | 58 | 57 | 0 | N | 4 | 0 | 3 | 59 | 56 | 0.83 | |
| Leith | 29.40 | 57 | ENE | 3 | f | 29.57 | + .19 | 59 | 57 | + 3 | ENE | 2 | 0 | * | 62 | 55 | 0.58 | |
| Shielda | 29.35 | 60 | N | 1 | f | 29.57 | + .20 | 59 | 58 | - 1 | N | 3 | 0 | 3 | 66 | 55 | 0.57 | |
| Scarborough | 29.37 | 60 | SSH | 2 | 0 | 29.45 | + .11 | 58 | 57 | - 1 | N | 3 | 0 | 3 | 63 | 57 | 0.87 | |
| York | 29.37 | 66 | N | 2 | 0 | 29.48 | + .14 | 59 | 57 | 0 | NTN | 2 | 0 | * | 73 | 56 | 0.06 | |
| Nottingham | 29.45 | 61 | N | 1 | 0 | 29.53 | + .21 | 60 | 59 | + 1 | NNN | 1 | 0 | * | 68 | 54 | 0.29 | |
| Ardrossan | 29.43 | 60 | NNN | 1 | f | 29.60 | + .22 | 60 | 57 | + 2 | NNN | 2 | 0 | 2 | 62 | 58 | 0.10 | |
| Greencastle | 29.52 | 58 | N | 2 | 0 | 29.70 | + .27 | 57 | 55 | + 2 | NNN | 3 | 0 | * | 60 | 55 | 0.27 | |
| Donaghadee | 29.47 | 57 | N | 5 | f | 29.64 | + .27 | 57 | 56 | 0 | NNN | 5 | 0 | 4 | 59 | 56 | 0.04 | |
| Kingstown | 29.52 | 58 | NTN | 5 | 0 | 29.70 | + .31 | 58 | 56 | 0 | NTN | 5 | 0 | 4 | 61 | 56 | 0.06 | |
| Holyhead | 29.45 | 59 | NNN | 4 | 0 | 29.63 | + .28 | 59 | 57 | - 1 | NTN | 6 | 0 | 5 | 63 | 57 | 0.07 | |
| Liverpool (Bidston) | 29.42 | 60 | N | 3 | 0 | 29.55 | + .21 | 59 | 57 | - 2 | NNN | 5 | 0 | 3 | 65 | 58 | 0.14 | |
| Valencia | 29.70 | 62 | NTN | 4 | 0 | 29.92 | + .35 | 59 | 56 | - 1 | NTN | 4 | 0 | 4 | 66 | 57 | 0.01 | |
| Roche's Point | 29.63 | 60 | NNN | 5 | 0 | 29.82 | + .34 | 61 | 58 | + 2 | NNN | 5 | 0 | 4 | 64 | 58 | 0.28 | |
| Pembroke | 29.54 | 58 | NNN | 4 | f | 29.71 | + .31 | 59 | 57 | - 1 | NNN | 4 | 0 | 3 | 61 | 57 | 0.07 | |
| Portishead | 29.60 | 63 | NTN | 5 | 0 | 29.64 | + .28 | 60 | 59 | 0 | NTN | 6 | 0 | 5 | 68 | 56 | 0.06 | |
| Scilly | 29.68 | 62 | N | 6 | 0 | 29.82 | + .32 | 61 | 59 | 0 | NTN | 6 | 0 | 6 | 63 | 59 | 0.92 | |
| Plymouth | 29.60 | 62 | N | 4 | 0 | 29.73 | + .28 | 60 | 59 | 0 | N | 2 | 0 | * | 67 | 58 | 0.20 | |
| Hurst Castle | 29.54 | 65 | N | 6 | 0 | 29.66 | + .24 | 62 | 60 | - 1 | N | 6 | 0 | 6 | 68 | 59 | 0.18 | |
| Dover | 29.55 | 64 | NTN | 6 | 0 | 29.63 | + .24 | 61 | 59 | - 1 | NTN | 5 | 0 | 4 | 66 | 60 | 0.06 | |
| London | 29.52 | 61 | SSH | 3 | f | 29.62 | + .31 | 60 | 58 | 0 | SSH | 2 | 0 | * | 70 | 57 | 0.36 | |
| Oxford | 29.49 | 62 | N | 2 | 0 | 29.60 | + .25 | 58 | 56 | 0 | SSH | 3 | 0 | * | 67 | 57 | 0.05 | |
| Cambridge | 29.49 | 61 | SSH | 1 | 0 | 29.55 | + .31 | 58 | 57 | - 2 | SSH | 1 | 0 | * | 67 | 56 | 0.29 | |
| Yarmouth | 29.47 | 63 | SSH | 2 | 0 | 29.54 | + .22 | 60 | 59 | - 3 | SSH | 3 | 0 | 2 | 67 | 56 | 0.06 | |
| The Helder | * | * | * | * | * | 29.55 | + .04 | 62 | 60 | - 1 | SSH | 2 | 0 | * | * | * | 0.04 | |
| Cape Gris Nez | 29.60 | 64 | WSW | 7 | 0 | 29.65 | + .22 | 63 | 59 | - 1 | SW | 8 | 0 | 5 | 66 | 57 | 0.16 | |
| Jersey | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brest | 29.84 | ? | N | 4 | 0 | ? | ? | 61 | 59 | 0 | NNN | 4 | 0 | 5 | 64 | 57 | 0.04 | |
| L'Orient | 29.84 | 63 | N | 6 | 0 | 29.93 | + .22 | 59 | 59 | - 2 | N | 4 | 0 | 5 | 70 | 65 | 0.08 | |
| Rochefort | 29.96 | 70 | NTN | 7 | 0 | 30.00 | + .15 | 64 | 61 | - 2 | N | 5 | 0 | 3 | 73 | 59 | 0.04 | |
| Biarritz | 30.04 | 70 | NNN | 3 | 0 | 30.10 | + .13 | 63 | 59 | - 5 | NNN | 3 | 0 | 3 | 77 | 59 | - | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels | * | * | * | * | * | 29.73 | + .13 | 60 | 57 | - 3 | SSW | 6 | 0 | * | 68 | 57 | 0.95 | |
| Charleville | * | * | * | * | * | 29.80 | + .10 | 59 | 57 | - 3 | SW | 3 | 0 | * | * | * | * | |
| Paris | 29.76 | 67 | SSH | 3 | 0 | 29.86 | + .15 | 61 | 57 | - 2 | SW | 4 | 0 | * | * | * | - | |
| Lyons | * | * | * | * | * | 29.99 | + .09 | 67 | 61 | - 3 | SSH | 2 | 0 | * | * | * | * | |
| Toulon | 29.89 | 72 | E | 4 | 0 | 29.90 | + .01 | 72 | 61 | 0 | NTN | 4 | 0 | 4 | 79 | 70 | - | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|-----|---|
| Skudesnaes ... | 29.55 | 60 | 60 | ENE | 4 | f | 3 | Valencia | 29.67 | 64 | 60 | NW | 3 | c | 4 |
| Thurso | 29.59 | 59 | 57 | NE | 3 | 0 | 3 | Scilly | 29.61 | 62 | 60 | NW | 5 | 0 p | 5 |
| Scarborough ... | 29.30 | ? | ? | SE | 1 | b | 1 | London | 29.48 | 69 | 62 | WSW | 5 | c | * |
| Greencastle ... | 29.50 | 59 | 57 | NNE | 2 | 0 | * | Rochefort ... | 29.93 | 70 | 64 | NW | 8 | c | 7 |
| Holyhead | 29.43 | 60 | 59 | NNW | 2 | 0 | 2 | | | | | | | | |

The whole system of disturbances which lay over England this morning is moving away to the NE. of our Islands. N. winds are gradually spreading all over the country, with showery weather in the E. and S. Signals lowered in the SW. this morning, and elsewhere this afternoon.

EXPLANATION OF COLUMNS.

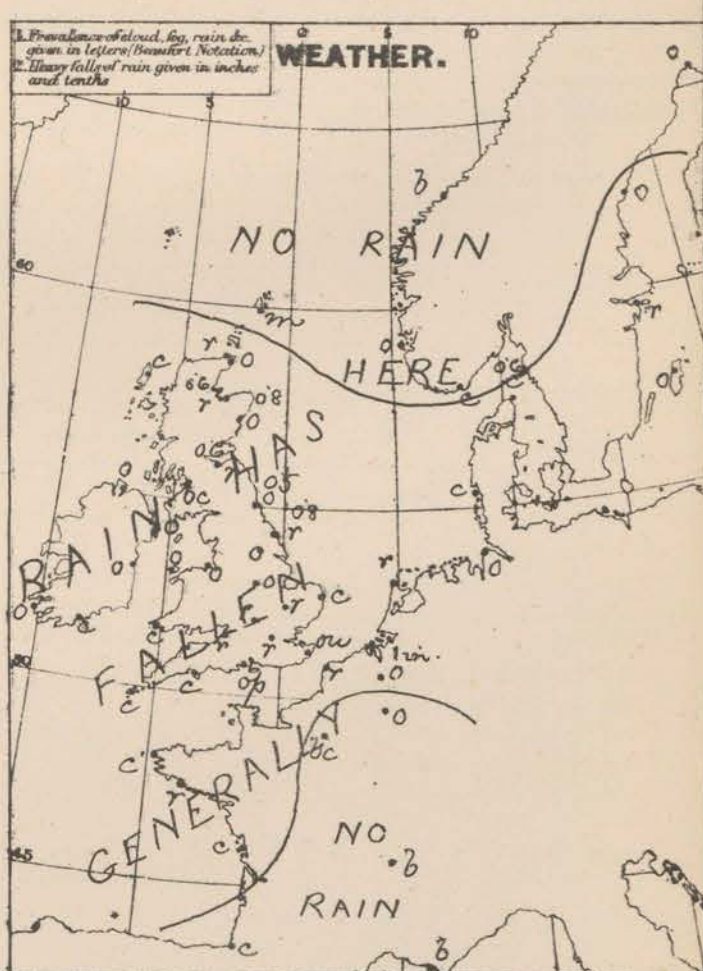
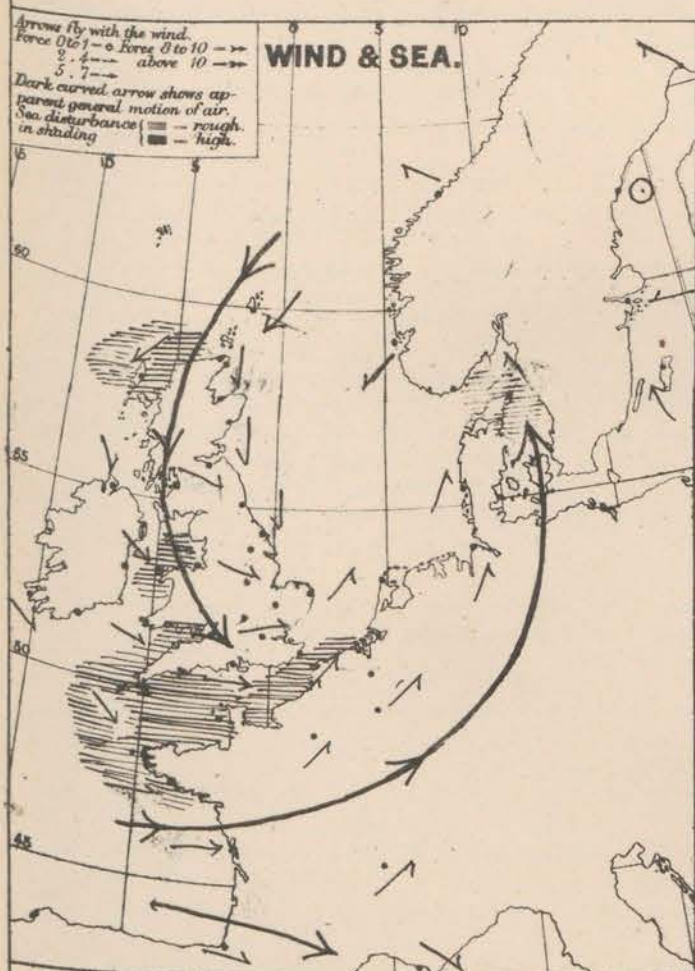
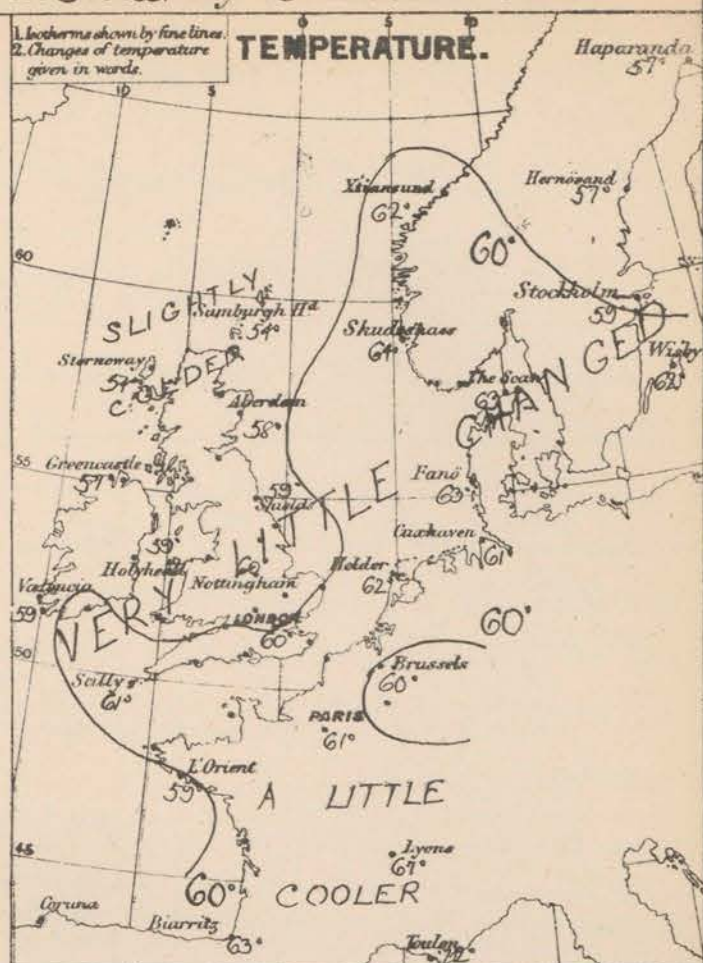
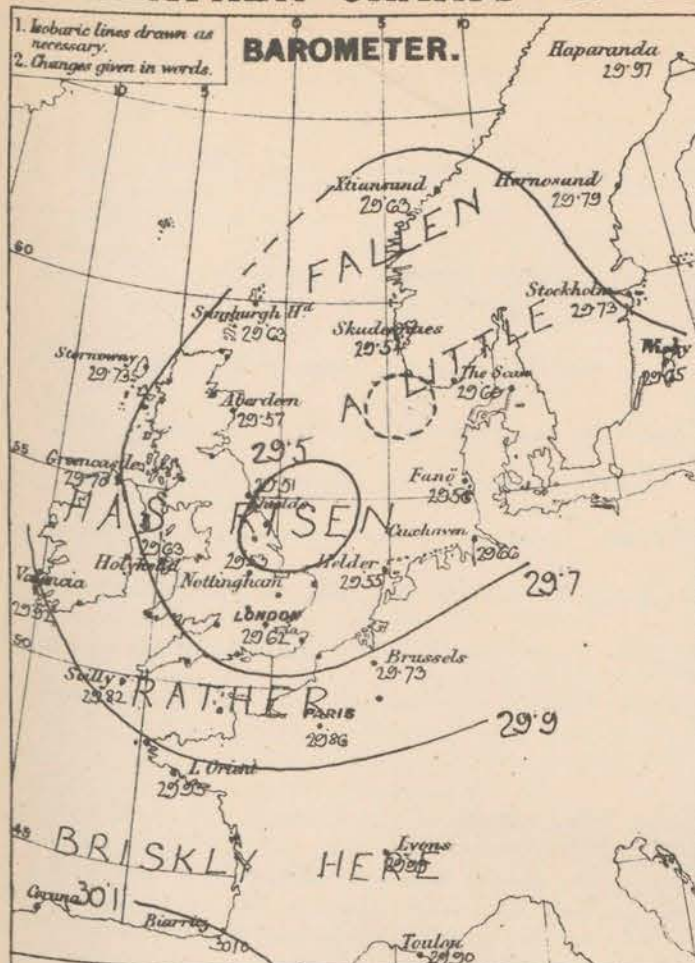
WEATHER.—Beaufort scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

* 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.

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

WEATHER CHARTS *for 8 a.m. on Saturday 31ST AUGST 1878.*



REMARKS. Weather continues overcast or very cloudy in all parts of our Islands, and rain is falling at many of the Scotch and English stations. Large quantities of rain fell at our northern and eastern stations yesterday, (the amounts measured varying from 0.5 in. to 0.9 in.), and a smaller quantity elsewhere. Thunderstorms have again occurred in many parts of England. Temperature remains low (55° to 62°) in our Islands, but is higher (61° to 63°) on the eastern shores of the North Sea. Wind is fresh to strong from NE in the north, from NW in the west and from W. in the south, while light SW breezes are reported over our south eastern counties and North Germany and a very light SSE wind at the Skaw. Sea is rough in the Channel and at Stromsøyr, generally moderate or slight elsewhere.

Barometrical Indications. The system of depressions which lay over England yesterday is now over the North Sea but is becoming shallower. The barometer is rising briskly in our Islands but falling slightly in Norway and Denmark.

Subsidiary

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

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

R. H. SCOTT,
Secretary.

SUMMARY OF WEATHER IN WESTERN EUROPE

from AUGUST 25th to AUGUST 31st 1878.

(Issued Weekly as a Supplement to the "Daily Weather Report.")

We have had another week of changeable but mild weather. After Sunday the area of low and irregular pressure which had been over England for several days began to move slowly in a Nth direction and Tuesday and Wednesday showed great improvement over the Sth part of the Kingdom, though in the N. the weather was dull and damp. On Thursday a depression appeared off our Sth coast, and became much deeper as the day advanced. Towards night it was joined by another disturbance from the Atlantic and both of them travelled over us to the Eth causing strong N. and S.W. gales in the Channel and Sth counties, while Eth breezes were felt in the N. Heavy rains fell in most places, but at the close of the week matters were improving.

SUNDAY AUG^t 25th

Weather dull, and more or less rainy except at our north-western stations and over London. Temperatures changing a good deal in different localities, but no general alteration recorded. The maximum values again about 70° at Nottingham and Cambridge and also at Nairn and Portishead, but not above 64° in London, and 62° at Scarborough.
Wind SEth and Sth in the N. and N.W. and Eth in the N. but Nth to S.W. over France and very variable elsewhere. A strong N.W. gale reported at Genoa and a strong N. wind at Toulon.
Sea rough in the far N. as well as at Genoa and Toulon, slight or smooth elsewhere.
Barometer rising at all the southern stations, falling in the N. and N.W. Pressure lower to the Nth of than over our Islands, but the small depression noticed yesterday now found off our E. coast.

MONDAY AUG^t 26th

Weather in the morning dull foggy and rainy all over the United Kingdom and North Sea, but clear in Sweden and the N. of Norway. It clearing somewhat in the NE. and E. later on.
Temperatures rising in France and subsequently rising a little in our Islands also, the various maxima exceeding 70° in many parts of England and Scotland, and reaching (it is said) 79° at Nottingham.
Wind Nth to S.W. in France, very variable indeed over Great Britain and Sth in Ireland, gales reported in Scotland. The Nth wind subsequently extending across the Channel to the S. of England and blowing strongly at exposed stations.
Sea rough in the south and extreme N.
Barometer very unsettled in our Islands but rising in France. The whole area of irregular pressure beginning to move Nth slowly, and the weather in the S. beginning to improve a little; air getting less clear.

TUESDAY AUG^t 27th

Weather dull showery and unsettled, but improving somewhat in the S. Rainfall varying from 0.2 in. to 0.5 in. at many of the Nth ports but much slighter elsewhere.
Temperatures showing no important change, the same readings differing very little from those of the 26th, though the maximum values showed a slight decrease.
Wind now Nth to Sth at all but the Northern stations, where Eth and SEth winds were very much mingled with those from NE. and N. Towards evening the S.W. wind blew very strongly at the mouth of the Channel.
Sea rough in the Channel and off the N. of Ireland.
Barometer still rising in the S. falling in the Shetlands and Scandinavia. Pressure still very irregularly distributed in the N. but moderate and regular gradient for S.W. winds found in the S. During the day a depression passed over Ireland in a NEth direction, but soon dispersed when it reached Gth Britain.

WEDNESDAY AUG^T 28TH

Weather finer generally than of late but rain still falling in the E. and N. of Scotland, showers at intervals and the sky still overcast in many places.

Temperature showing very little change, but inclined to rise in the S. and E.

Wind light from N. in Scotland, moderate from N.W. in Ireland, strong from N. and S.W. in the Channel and S. of England, and moderate from S.W. and S. in Holland and Denmark. Towards night the winds lulled to almost a calm in the S.W. and backed to the S.E.W.

Sea rough in the S.W. and S. slight or smooth elsewhere.

Barometer rising generally, but reading in the N. still irregular. Late in the afternoon the rise ceased and a fall set in and became brisk during the night - being the first effect of a fresh series of disturbances advancing from the Atlantic.

THURSDAY AUG^T 29TH

Weather unsettled again. Sky overcast except in the far N. much rain in the N. and fog in the E. and NE. Heavy rain subsequently extending all over the Kingdom.

Temperature still showing very little change in our Islands, but rising in France. A maximum of 77° reached at Cape St. V. during the day, 72° in London and 71° at Nottingham.

Wind back to E. and NE. again in Ireland and Scotland, S.E. in England, S. at the mouth of the Channel, and S.W. to W. over the Bay of Biscay. The S. winds in the S. subsequently veering to S.W. and blowing a strong gale in squalls over the Channel and in counties of England.

Sea running high in the S. as the wind rose.

Barometer at first rising in the N. falling in the S. and S.W. A depression appearing in the S.W. district subsequently growing deeper, and supplemented by a second depression from the Atlantic, moving E.N.E. over England during the night.

FRIDAY AUG^T 30TH

Weather very dull wet and squally all over the British Islands, France, and the North Sea, the sky overcast with rain at times during the day. Rainfall varying from 0.5 in. to 0.9 in. at our N. and E. stations. Still fair (but dull) over Scandinavia.

Temperature very little changed at 8 a.m. but lower generally during the day than on the 29th.
Wind moderate from N. in Ireland, strong to a gale from N. and S.W. in the Channel, light to moderate from S. in Holland, S.E. in Denmark, and E. to NE. in the N. A moderate E. gale felt in the N. of Scotland early in the morning.

Later in the day the wind drawing into N. at all but our S.E. stations.

Sea high in the S. and also at Stromness.

Barometer beginning to rise in the N. and S. as the complicated depression (which lay over England and the North Sea at 8 a.m.) moved E.W.

SATURDAY AUGUST 31ST

Weather improved, but still very dull and showery generally, the rain being heaviest at some of our S.E. and E. stations and in Holland. Temperatures not much changed at 8 a.m. but rather lower in the day than on the 30th. The maximum reading for London only 66°, Oxford 64° and Thurso 57°.

Wind fresh from NE. in the N. from N. and N.W. on our N. coasts and from N. in the south, light from N. at our E. stations during the morning, but blowing a fresh gale at the mouth of the Tyne occasionally during the day.

Sea rough in the N. and S. and afterwards in the NE.

Barometer rising everywhere in our Islands. The depressions of yesterday (apparently somewhat modified) now found over the North Sea, and moderate gradients for N. winds spreading over the United Kingdom.

Meteorological Office,

116 Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR AUGUST 1878

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. | | |
| | | | | 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. | | | |
| | | | | | | | | | | | | | | | | | | | | |
| 2 nd | Corunna... | * | * | * | * | * | 29.90 | ? | 286 | * | ? | ? | 3 | c | 2 | * | * | * | | |
| 3 rd | Corunna... | * | * | * | * | * | 29.81 | -09 | 71 | * | -15? | SW | 3 | l | ? | * | * | * | | |
| 5 th | Haparanda... | 30.34 | 51 | Z | 0 | c | 30.26 | -11 | 55 | 52 | +3 | SW | 2 | l | * | 63 | 36 | - | | |
| - | Hernösand... | 30.34 | 53 | Z | 0 | l | 30.32 | -01 | 56 | 53 | -2 | Z | 0 | l | * | * | * | - | | |
| - | Stockholm... | 30.23 | 60 | NNE | 5 | l | 30.26 | +03 | 60 | 54 | -3 | NNE | 4 | l | * | * | * | - | | |
| - | Nisby... | 30.13 | 60 | NE | 6 | l | 30.15 | +04 | 67 | 58 | +3 | NE | 4 | l | * | * | * | - | | |
| - | Corunna... | * | * | * | * | * | 29.88 | -08 | 69 | * | +1 | SW | 3 | c | 1 | * | * | * | | |
| 6 th | Corunna... | * | * | * | * | * | 29.94 | +06 | 70 | * | +1 | SW | 3 | l | 2 | * | * | * | | |
| 7 th | Christiansund... | 30.01 | 55 | E | 4 | l | 29.92 | -18 | 62 | 56 | +7 | ESE | 3 | m | 2 | 63 | 48 | - | | |
| - | Cuxhaven... | 29.84 | 74 | ESE | 1 | o | 29.85 | -10 | 66 | 66 | -2 | NE | 1 | r | * | ? | 64 | 0.20 | | |
| - | Corunna... | * | * | * | * | * | 30.24 | +30 | 70 | * | 0 | W | ? | l | 2 | * | * | * | | |
| 8 th | Corunna... | * | * | * | * | * | 30.21 | -03 | 67 | * | -3 | W | 3 | f | 2 | * | * | * | | |
| 9 th | Corunna... | * | * | * | * | * | 30.05 | -16 | 71 | * | +4 | SW | 3 | c | 2 | * | * | * | | |
| 10 th | Rockefort... | 29.96 | 70 | E | 3 | bc | 29.88 | -23 | 68 | 64 | +4 | W | 3 | bc | 3 | 91 | 57 | 0.20 | | |
| - | Corunna... | * | * | * | * | * | 30.13 | +08 | 68 | * | -3 | W | 3 | cpf | 2 | * | * | * | | |
| 12 th | Brussels... | * | * | * | * | * | 29.76 | +03 | 64 | 60 | -1 | SSW | 4 | l | * | 71 | 60 | - | | |
| 13 th | Fano... | 29.56 | 62 | SSE | 4 | c | 29.51 | -17 | 68 | 64 | +1 | WSW | 4 | l | * | 70 | 59 | 0.08 | | |
| - | Corunna... | * | * | * | * | * | 30.08 | ? | 70 | * | ? | NNW | 1 | l | 2 | * | * | * | | |
| 14 th | Corunna... | * | * | * | * | * | ? | ? | 70 | * | 0 | SW | 6 | o | 1 | * | * | * | | |
| - | Paris... | 29.83 | 67 | SW | 3 | o | 29.59 | -32 | 64 | 62 | +3 | SW | 5 | r | * | * | * | 0.35 | | |
| 15 th | Corunna... | * | * | * | * | * | ? | ? | 70 | * | 0 | SW | 3 | cpf | 1 | * | * | * | | |
| 17 th | Corunna... | * | * | * | * | * | 30.09 | ? | 67 | * | -3 | W | 3 | c | 7 | * | * | * | | |
| - | Brussels... | * | * | * | * | * | 29.79 | -25 | 59 | 55 | -5 | SW | 6 | bc | * | 77 | 56 | 0.91 | | |
| 19 th | Biarritz... | 29.86 | 72 | Z | 0 | c | 30.01 | +12 | 70 | 63 | +6 | W | 5 | r | 3 | 90 | 61 | 0.12 | | |
| - | Corunna... | * | * | * | * | * | 29.95 | ? | 67 | * | ? | SW | 3 | l | 1 | * | * | * | | |
| 20 th | Corunna... | * | * | * | * | * | 30.14 | +19 | 65 | * | -2 | SW | 3 | cp | 1 | * | * | * | | |
| 21 st | Corunna... | * | * | * | * | * | 30.15 | +01 | 64 | * | -1 | SW | 3 | cf | 1 | * | * | * | | |
| 22 nd | Corunna... | * | * | * | * | * | 29.78 | -35 | 68 | * | -6 | SW | 6 | orf | 1 | * | * | * | | |
| 23 rd | Corunna... | * | * | * | * | * | 29.77 | -01 | 67 | * | -1 | W | 9 | erf | 7 | * | * | * | | |
| 24 th | Corunna... | * | * | * | * | * | 29.96 | +19 | 66 | * | -1 | ? | 6 | c | 5 | * | * | * | | |
| 25 th | Nain... | 29.64 | 58 | E | 2 | ? | 29.50 | -29 | 66 | 61 | +12 | ESE | 2 | bc | 2 | 67 | 54 | 0.01 | | |
| 26 th | Corunna... | * | * | * | * | * | 29.84 | -03 | 70 | * | +2 | SW | 3 | or | 1 | * | * | * | | |
| 28 th | Corunna... | * | * | * | * | * | 30.01 | ? | 67 | * | ? | ? | ? | l | 1 | * | * | * | | |
| 29 th | Corunna... | * | * | * | * | * | 29.87 | -14 | 68 | * | +1 | SW | 1 | o | 1 | * | * | * | | |
| 30 th | Jersey... | 29.56 | 65 | NW | 7 | bc | 29.57 | -06 | 62 | 61 | -4 | SW | 7 | eq | 6 | 71 | 63 | 0.01 | | |
| - | Corunna... | * | * | * | * | * | 30.04 | +17 | 66 | * | -2 | SW | 3 | ? | 1 | * | * | * | | |
| 31 st | Jersey... | 29.70 | 62 | WSW | 9 | o | 29.82 | +25 | 67 | 60 | -1 | WSW | 7 | eq | 6 | 66 | 59 | 0.08 | | |
| - | Corunna... | * | * | * | * | * | 30.18 | +14 | 65 | * | -1 | ? | 3 | c | 1 | * | * | * | | |

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

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