

4102

METEOROLOGICAL OFFICE

LONDON.

DAILY WEATHER REPORTS.

1ST JANUARY—30TH JUNE.

1884.

Soc. Reg. Lond.

DAILY WEATHER REPORT.

Jan. to June 1884.

Map Showing Stations.



DAILY WEATHER REPORT

for *Sunday 1st June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------------|----------|----------------|----------------|------|---------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | 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 | | | | | | | | | | | | | | | | | | |
| Hernösand ... | | | | | | | | | | | | | | | | | | |
| Stockholm ... | | | | | | | | | | | | | | | | | | |
| Wisby ... | | | | | | | | | | | | | | | | | | |
| Bodö ... | 29.71 | 40 | SSW | 6 | r | 29.34 | — .45 | 40 | 38 | — 4 | WSW | 6 | r | 3 | | 45 | 36 | 0.20 |
| Christiansund ... | 29.91 | 47 | WSW | 6 | o | 29.76 | — .15 | 48 | 46 | + 2 | SSW | 3 | o | 4 | | 48 | 39 | 0.12 |
| † Skudesnaes ... | 30.02 | 47 | NNW | 2 | c | 29.90 | — .12 | 50 | 45 | — 5 | E | 2 | o | 2 | | 54 | 46 | — |
| Oxö (Xilansund) ... | 30.00 | 53 | SW | 4 | b | 29.89 | — .11 | 50 | 48 | — 2 | SW | 4 | m | 2 | | 64 | 46 | — |
| Skagen (The Skaw) | 30.00 | 54 | L | 0 | b | 29.95 | — .07 | 50 | 50 | 0 | SSW | 2 | b | 0 | | 64 | 46 | — |
| Fanö ... | 29.97 | 50 | NNW | 1 | b | 29.91 | — .06 | 50 | 52 | + 2 | ESE | 4 | b | * | | 59 | 46 | — |
| Cuxhaven ... | 29.95 | 54 | NNE | 4 | c | 29.94 | — .07 | 57 | 55 | + 2 | E | 2 | c | * | | 58 | 50 | — |
| † Sumburgh Head | 29.99 | 49 | WSW | 3 | o | 29.65 | — .34 | 49 | 47 | + 2 | S | 3 | o | 3 | | 52 | 45 | — |
| † Stornoway ... | 30.09 | 52 | NNW | 4 | o | 29.55 | — .54 | 50 | 49 | — 1 | SSW | 4 | r | 5 | | 54 | 47 | 0.44 |
| Wick ... | 30.06 | 52 | S | 2 | o | 29.65 | — .41 | 52 | 50 | — 2 | S | 4 | o | 2 | | 57 | 46 | — |
| Nairn ... | 30.05 | 40 | L | 0 | b | 29.68 | — .37 | 55 | 51 | + 4 | SW | 3 | b | 2 | | 60 | 47 | — |
| † Aberdeen ... | 30.10 | 55 | SSE | 2 | b | 29.76 | — .34 | 57 | 51 | + 6 | SSW | 5 | b | 1 | | 57 | 44 | — |
| Leith ... | 30.07 | 55 | ESE | 1 | b | 29.81 | — .26 | 57 | 51 | + 6 | N | 3 | b | * | | 59 | 46 | — |
| † Shields ... | 30.04 | 51 | NE | 2 | b | 29.90 | — .14 | 52 | 48 | + 4 | SW | 1 | b | 2 | | 55 | 39 | — |
| Sparn Head ... | 30.11 | 49 | NNE | 4 | c | 29.47 | — .64 | 52 | 48 | + 4 | WSW | 3 | b | 2 | | 54 | 44 | — |
| York ... | 30.13 | 55 | NE | 1 | b | 29.95 | — .18 | 51 | 48 | + 3 | S | 1 | b | * | | 58 | 38 | — |
| Loughborough ... | 30.11 | 56 | ENE | 2 | o | 29.99 | — .12 | 52 | 49 | + 3 | L | 0 | cm | * | | 58 | 33 | — |
| † Ardrossan ... | 30.11 | 59 | WSW | 1 | b | 29.17 | — .92 | 52 | 50 | + 2 | SSW | 4 | c | 3 | | 60 | 50 | — |
| † Mullaghmore ... | 30.12 | 60 | NN | 1 | b | 29.83 | — .29 | 52 | 52 | 0 | WSW | 4 | cm | 2 | | 62 | 49 | — |
| Donaghadee ... | 30.14 | 58 | S | 1 | b | 29.76 | — .38 | 54 | 52 | + 2 | WSW | 3 | b | 1 | | 57 | 45 | — |
| Parsonstown ... | 30.13 | 61 | SE | 1 | b | 29.94 | — .19 | 55 | 50 | + 5 | S | 1 | o | * | | 63 | 46 | — |
| Barrow-in-Furness | 30.13 | 54 | NN | 2 | b | 29.42 | — .71 | 55 | 50 | + 5 | S | 3 | b | 3 | | 58 | 48 | — |
| † Holyhead ... | 30.15 | 54 | N | 1 | b | 29.94 | — .21 | 55 | 49 | + 6 | SSW | 4 | b | 2 | | 59 | 43 | — |
| Liverpool (Bidston) | 30.12 | 54 | NN | 1 | b | 29.95 | — .20 | 56 | 50 | + 6 | SW | 1 | b | 3 | | 58 | 46 | — |
| † Valencia ... | 30.15 | 56 | WSW | 1 | o | 29.97 | — .18 | 54 | 52 | — 2 | WSW | 3 | cm | 3 | | 60 | 46 | — |
| Roche's Point .. | 30.17 | 56 | SE | 2 | b | 29.00 | — .17 | 55 | 50 | + 5 | S | 1 | b | 3 | | 60 | 47 | — |
| Pembroke ... | 30.11 | 53 | S | 1 | o | 30.00 | — .11 | 52 | 50 | + 2 | WSW | 1 | cm | 0 | | 57 | 48 | — |
| † Scilly ... | 30.10 | 57 | L | 0 | c | 30.02 | — .08 | 55 | 52 | — 3 | N | 2 | c | 2 | | 60 | 47 | — |
| Prawle Point ... | 30.11 | 55 | NE | 2 | b | 30.05 | — .06 | 54 | 50 | + 4 | ESE | 1 | b | 1 | | 61 | 45 | — |
| Hurst Castle ... | 30.07 | 57 | NE | 4 | b | 30.04 | — .03 | 56 | 50 | + 6 | SSW | 1 | b | 2 | | 64 | 43 | — |
| † Dover ... | 30.05 | 54 | NE | 5 | b | 30.02 | — .03 | 51 | 45 | — 6 | NNW | 2 | b | 1 | | 59 | 46 | — |
| † London ... | 30.05 | 55 | NNE | 2 | o | 30.02 | — .03 | 53 | 47 | + 6 | L | 0 | c | * | | 56 | 44 | — |
| Oxford ... | 30.11 | 52 | NE | 1 | o | 30.02 | — .09 | 51 | 46 | + 5 | NE | 1 | c | * | | 55 | 38 | — |
| Cambridge ... | 30.12 | 49 | NE | 1 | b | 30.00 | — .12 | 52 | 48 | — 4 | SW | 1 | c | * | | 58 | 40 | — |
| † Yarmouth ... | 30.07 | 51 | N | 4 | c | 30.00 | — .07 | 51 | 46 | — 5 | NN | 2 | c | 3 | | 55 | 46 | — |
| The Helder ... | 30.01 | 51 | ? | 3 | o | 29.95 | — .06 | 50 | 48 | — 2 | NNW | 1 | o | 2 | | 55 | 50 | — |
| Cape Griz Nez ... | ? | 51 | NE | 5 | b | ? | ? | 50 | 46 | — 4 | NE | 3 | a. | 2 | | 59 | 45 | — |
| † Jersey ... | 30.05 | 57 | NNE | 3 | b | 30.05 | + .07 | 53 | 51 | — 2 | WSW | 2 | og | 2 | | 60 | 47 | — |
| Brest ... | 30.05 | 57 | NE | 4 | b | 30.07 | + .06 | 51 | 50 | — 1 | SE | 1 | m | 3 | | 63 | 45 | — |
| Lorient ... | | | | | | | | | | | | | | | | | | |
| † Rochefort ... | 30.02 | 63 | NN | 7 | b | 30.08 | + .10 | 55 | 53 | — 2 | ENE | 4 | b | 2 | | 70 | 47 | — |
| Biarritz ... | 30.06 | 61 | N | 3 | c | 30.07 | + .10 | 59 | 55 | — 4 | S | 3 | b | 1 | | 63 | 52 | — |
| Corunna ... | | | | | | | | | | | | | | | | | | |
| Brussels ... | | | | | | 29.99 | + .05 | 53 | 47 | — 6 | ENE | 4 | b | * | | 68 | 47 | — |
| Charleville ... | 29.88 | 66 | NNW | 4 | c | | ? | 50 | 47 | — 3 | NNW | 1 | b | * | | 70 | 49 | — |
| Paris ... | 30.15 | 68 | N | 1 | b | 30.06 | + .18 | 52 | 45 | — 7 | NNE | 3 | o | * | | | | — |
| Lyons ... | 29.89 | 57 | NNW | 1 | c | 29.99 | + .10 | 56 | 54 | + 2 | NN | 1 | o | * | | 69 | ? | 0.16 |
| Toulon ... | 30.02 | 64 | NN | 4 | c | 30.02 | + .05 | 59 | 55 | + 4 | NN | 5 | b | 3 | | 72 | 55 | — |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.12 | 54 | E | 1 | b | 28.79 | — .36 | 50 | 46 | + 4 | S | 2 | b | * | | 56 | 35 | — |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

WEATHER CHARTS

for 8 a.m. on

Sunday

1st June

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;
→→ = forces 5 to 7; →→ = forces 1 to 4;

○ = dead calm.

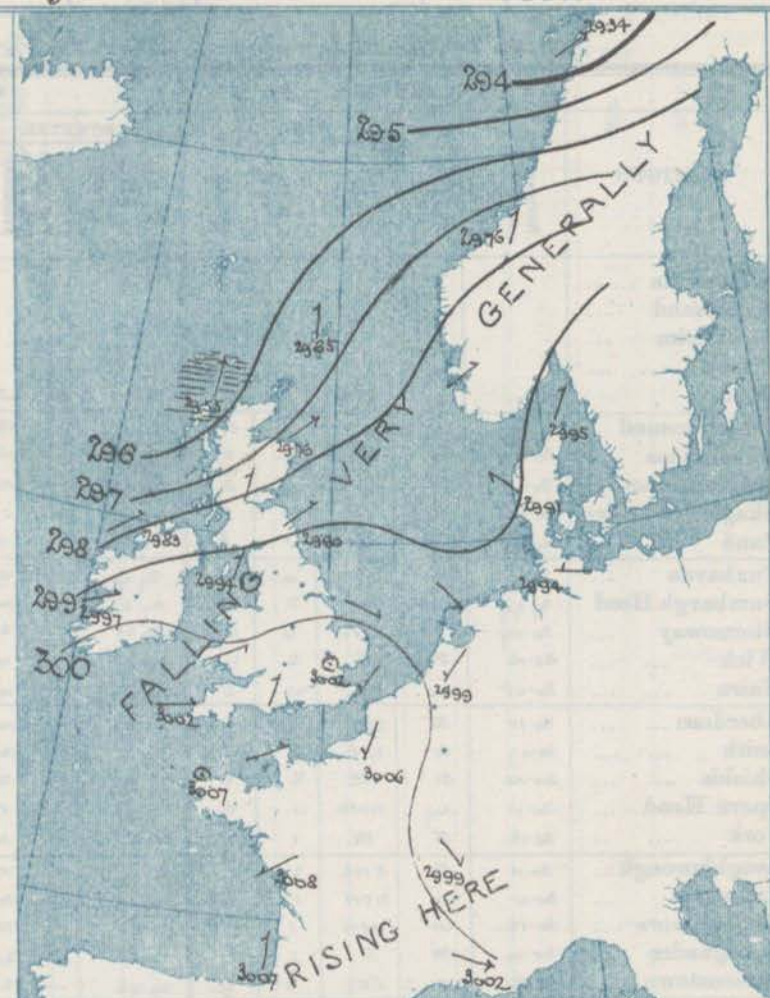
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.896 |
| Donaghadee | 29.898 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roche's Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.871 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.966 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 51.2 | 51.7 | 3.03 |
| Wick | 53.3 | 60.7 | 1.69 |
| Nairn | 54.8 | 60.8 | 2.00 |
| Aberdeen | 54.8 | 61.1 | 1.87 |
| Leith | 56.4 | 63.1 | 1.86 |
| Shields | 55.2 | 61.9 | 1.76 |
| York | 56.6 | 63.2 | 2.47 |
| Ardrossan | 56.6 | 62.1 | 2.77 |
| Donaghadee | 56.4 | 63.3 | 2.12 |
| Holyhead | 56.7 | 63.3 | 1.98 |
| Liverpool | 56.9 | 63.0 | 1.87 |
| Valencia | 56.9 | 63.9 | 3.62 |
| Roche's Point | 56.8 | 63.6 | 3.36 |
| Pembroke | 56.4 | 63.2 | 2.07 |
| Scilly | 57.2 | 56.2 | 1.69 |
| Hurst Castle | 58.1 | 56.9 | 1.98 |
| Dover | 59.1 | 65.5 | 1.76 |
| LONDON | 59.5 | 65.3 | 2.24 |
| Oxford | 57.2 | 63.9 | 2.22 |
| Cambridge | 56.1 | 64.9 | 2.30 |
| Yarmouth | 57.2 | 64.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Sunday 1st June.

1884, at 8 a.m.

The fall of the barometer noticed in the extreme north yesterday has since extended to all but the French stations, and a depression is found off the west of Norway, while a second disturbance has advanced to the north-west of Scotland. The anticyclone recently existing over our Islands appears to have almost entirely dispersed. Light NE^{ly} breeze still prevail in some parts of France, but on our southern coast the wind is light and variable, while in all other localities it has shifted to the SW^{ly} or S^{ly}. The weather is dull in the extreme north and north-west, with rain at Bodø and Stornoway, but elsewhere conditions are mostly fair. Temperature has risen a little at the majority of our stations, and readings now range from 57° at Aberdeen and Leth to 40° in the Shetlands. The maxima registered yesterday were again low for the time of year. The sea is rather rough at Stornoway, slight or smooth elsewhere.

FORECASTS

for the 24 hours ending at NOON on 1st June 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

none issued

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

none issued

WARNINGS

The south cone has been hoisted this morning in part of district 0

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | |
|---------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|---|
| Skudesnaes | | | | | | | Valencia | 30.14 | 58 | 55 | WSW | 1 | cm | 2 |
| Sumburgh Head | 30.06 | 51 | 49 | WSW | 2 | 0 | Scilly | 30.08 | 57 | 55 | SE | 1 | 0 | 2 |
| Stornoway | 30.15 | 52 | 50 | SSE | 2 | 0 | Dover | 30.02 | 58 | 55 | NE | 4 | 0 | 3 |
| Aberdeen | 30.15 | 54 | 48 | E | 2 | 0 | London | 30.07 | 55 | 49 | NNE | 2 | 0 | 4 |
| Shields | 30.16 | 52 | 47 | ENE | 2 | 0 | Yarmouth | 30.07 | 55 | 49 | NNE | 4 | 0 | 4 |
| Ardrossan | 30.15 | 54 | 53 | WSW | 1 | 0 | Jersey | 30.03 | 60 | 54 | NE | 4 | 0 | 3 |
| Mullaghmore | 30.15 | 61 | 56 | N | 3 | 0 | Rochefort | 29.99 | 66 | 62 | NW | 5 | 0 | 2 |
| Holyhead | 30.16 | 58 | 52 | NNE | 1 | 0 | | | | | | | | |

The barometer is now rising steadily at all the southern and south western coasts, but falling in the north. The wind has shifted to SSE. at Hornaway, and to SW. at Sumburgh Hd, but is very light in force. The sea is smooth except in the south east and south where it is going down slowly.

DAILY WEATHER REPORT

for *Monday 2nd June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|------------------|----------|----------------|-------------|------|---------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | SHADE TEMP. | | Difference from 8 a.m. yesterday. | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12) | | | | Dry. | Wet. | | Dir. | Force. (0 to 12) | | | Max. | Min. | | | |
| Haparanda | 29.78 | 44 | SW | 2 | c | 29.80 | | 54 | 45 | | W | 2 | c | * | 54 | 36 | - | | |
| Hernösand ... | 29.82 | 48 | Z | 0 | c | 29.82 | | 54 | 49 | | W | 2 | c | * | 56 | 39 | - | | |
| Stockholm ... | 29.93 | 52 | SSW | 2 | c | 29.93 | | 61 | 52 | | W | 4 | c | * | 63 | 43 | - | | |
| Wisby ... | 29.91 | 50 | SSW | 4 | c | 29.92 | | 54 | 47 | | W | 2 | c | * | 41 | 36 | 0.08 | | |
| Bodö ... | 29.79 | 40 | W | 1 | c | 29.82 | + .43 | 40 | 39 | 0 | W | 2 | c | * | 52 | 41 | 0.08 | | |
| Christiansund ... | 29.78 | 49 | E.N.E. | 3 | c | 29.83 | + .07 | 51 | 48 | + 3 | W | 1 | c | * | 52 | 41 | | | |
| † Skudesnaes ... | 29.84 | 49 | SS.E. | 6 | c | 29.85 | - .05 | 53 | 48 | + 3 | E.S.E. | 4 | c | * | 59 | 46 | - | | |
| Oxö (Kilansund) ... | 29.86 | 55 | E | 2 | c | 29.87 | - .02 | 54 | 51 | + 4 | E | 2 | m | 1 | 59 | 46 | - | | |
| Skagen (The Skaw) | 29.89 | 56 | Z | 0 | c | 29.94 | - .01 | 58 | 52 | + 5 | Z | 0 | c | * | 66 | 52 | - | | |
| Fanö ... | 29.84 | 55 | SE | 5 | c | 29.83 | - .08 | 59 | 55 | 0 | E.S.E. | 5 | c | * | 66 | 48 | - | | |
| Cuxhaven ... | 29.83 | 59 | NE | 2 | c | 29.85 | - .09 | 60 | 57 | + 3 | E.S.E. | 1 | c | * | 63 | 50 | - | | |
| † Sumburgh Head | 29.49 | 50 | SS.E. | 5 | c | 29.69 | + .04 | 48 | 47 | - 1 | E.S.E. | 4 | c | * | 54 | 44 | - | | |
| † Stornoway ... | 29.42 | 45 | W.S.W. | 3 | c | 29.57 | - .01 | 48 | 47 | - 2 | NE | 4 | om | 3 | 50 | 42 | 0.39 | | |
| Wick ... | 29.43 | 54 | S | 3 | c | 29.62 | - .03 | 52 | 50 | 0 | S | 3 | c | * | 58 | 48 | - | | |
| Nairn ... | 29.40 | 57 | SW | 3 | c | 29.54 | - .14 | 50 | 46 | + 4 | W | 0 | c | * | 59 | 45 | 0.02 | | |
| † Aberdeen ... | 29.54 | 52 | S | 4 | c | 29.62 | - .14 | 54 | 50 | - 3 | S | 4 | c | * | 59 | 47 | - | | |
| Leith ... | 29.54 | 58 | SW | 4 | c | 29.56 | - .25 | 58 | 52 | + 3 | W | 2 | c | * | 63 | 45 | - | | |
| † Shields ... | 29.64 | 60 | SW | 4 | c | 29.63 | - .27 | 55 | 50 | + 3 | E.S.E. | 2 | cm | 3 | 64 | 45 | - | | |
| Spurn Head ... | | | | | | 29.64 | - .31 | 56 | 51 | + 5 | S | 2 | c | * | 64 | 47 | - | | |
| York ... | 29.70 | 62 | SW | 1 | c | 29.64 | - .31 | 56 | 51 | + 5 | S | 2 | c | * | 64 | 47 | - | | |
| Loughborough ... | 29.72 | 62 | SSW | 2 | c | 29.65 | - .34 | 54 | 50 | + 2 | E.S.E. | 3 | c | * | 65 | 46 | - | | |
| † Ardrossan ... | 29.44 | 53 | SW | 6 | o.g. | 29.64 | - .33 | 47 | 46 | - 5 | SSW | 1 | d | 1 | 55 | 46 | 0.13 | | |
| † Mullaghmore ... | 29.54 | 45 | W | 4 | ov | 29.49 | - .34 | 50 | 48 | - 2 | W | 1 | c | 3 | 53 | 44 | 0.30 | | |
| Donaghadee ... | 29.52 | 51 | SW | 4 | c | 29.54 | - .32 | 51 | 47 | - 3 | SW | 2 | c | 0 | 61 | 43 | 0.31 | | |
| Parsonstown ... | 29.58 | 46 | W.N.W. | 1 | c | 29.56 | - .38 | 48 | 45 | - 5 | W | 1 | c | * | 59 | 39 | 0.20 | | |
| Barrow-in-Furness | 29.63 | 55 | S | 4 | c | 29.53 | - .39 | 53 | 50 | 0 | SE | 5 | c | * | 58 | 49 | - | | |
| † Holyhead ... | 29.65 | 50 | SSW | 3 | c | 29.56 | - .38 | 50 | 48 | - 3 | W.N.W. | 1 | c | 1 | 57 | 45 | 0.15 | | |
| Liverpool (Bidston) | 29.66 | 59 | SW | 2 | c | 29.57 | - .38 | 55 | 51 | - 1 | E.S.E. | 2 | c | 3 | 63 | 46 | - | | |
| † Valencia ... | 29.67 | 46 | W | 4 | om | 29.63 | - .34 | 50 | 47 | - 4 | N.W. | 4 | c | 4 | 57 | 44 | 0.46 | | |
| Roche's Point ... | 29.64 | 53 | SW | 5 | c | 29.56 | - .44 | 50 | 47 | - 5 | W | 4 | c | * | 58 | 42 | 0.15 | | |
| Pembroke ... | 29.70 | 52 | SSW | 3 | c | 29.55 | - .45 | 49 | 46 | - 3 | W | 1 | c | 1 | 56 | 45 | 0.09 | | |
| † Scilly ... | 29.78 | 59 | W.S.W. | 3 | ben | 29.55 | - .47 | 51 | 48 | - 4 | W | 3 | c | 3 | 61 | 48 | 0.15 | | |
| Prawle Point ... | 29.81 | 53 | SW | 3 | c | 29.60 | - .45 | 54 | 52 | - 2 | E.S.E. | 4 | c | 3 | 58 | 50 | - | | |
| Hurst Castle ... | 29.82 | 56 | SW | 4 | c | 29.65 | - .49 | 56 | 53 | 0 | SSW | 3 | c | 2 | 59 | 52 | - | | |
| † Dover ... | 29.86 | 53 | W.S.W. | 3 | c | 29.71 | - .31 | 56 | 50 | + 3 | Z | 0 | c | 0 | 58 | 50 | - | | |
| † London ... | 29.80 | 58 | SSW | 3 | ben | 29.70 | - .32 | 56 | 52 | + 3 | E.S.E. | 1 | c | * | 65 | 47 | - | | |
| Oxford ... | 29.75 | 55 | S | 1 | c | 29.65 | - .37 | 57 | 52 | + 6 | E.S.E. | 3 | c | * | 62 | 49 | - | | |
| Cambridge ... | 29.82 | 55 | SW | 1 | c | 29.68 | - .32 | 55 | 52 | + 3 | S | 1 | c | * | 67 | 42 | - | | |
| † Yarmouth ... | 29.81 | 53 | E.S.E. | 6 | c | 29.72 | - .28 | 54 | 50 | + 3 | E.S.E. | 4 | c | 3 | 53 | 47 | - | | |
| The Helder ... | 29.85 | 53 | W.N.W. | 1 | c | 29.80 | - .15 | 55 | 51 | + 5 | SE | 1 | c | 1 | 55 | 45 | - | | |
| Cape Griz Nez ... | ? | 53 | W.S.W. | 3 | c | ? | ? | 53 | 48 | + 3 | SE | 3 | c | 1 | 59 | 45 | - | | |
| † Jersey ... | 29.85 | 56 | S | 1 | c | 29.65 | - .40 | 55 | 52 | + 2 | S | 2 | cgm | 2 | 60 | 49 | - | | |
| Brest ... | 29.89 | 57 | W | 4 | c | 29.62 | - .45 | 54 | 51 | + 3 | SW | 4 | c | 4 | 61 | 50 | - | | |
| Lorient ... | 29.91 | 58 | W | 4 | c | 29.68 | - .45 | 56 | 52 | + 3 | SW | 4 | c | 2 | 66 | 48 | - | | |
| † Rochefort ... | 29.95 | 64 | W | 4 | c | 29.77 | - .31 | 57 | 55 | + 2 | SE | 4 | c | 2 | 72 | 50 | 0.04 | | |
| Biarritz ... | 29.93 | 61 | W | 4 | c | 29.76 | - .31 | 54 | 52 | - 5 | SW | 4 | c | 1 | 63 | 52 | 0.83 | | |
| Corunna ... | * | * | * | * | * | 29.78 | - .21 | 55 | 48 | + 2 | E.S.E. | 1 | c | * | 57 | 45 | - | | |
| Brussels ... | * | * | * | * | * | 29.78 | - .21 | 55 | 48 | + 2 | E.S.E. | 1 | c | * | 57 | 45 | - | | |
| Charleville ... | * | * | * | * | * | 29.73 | - .33 | 62 | 57 | + 10 | N.W. | 3 | c | * | * | * | - | | |
| Paris ... | 29.90 | 62 | N.W. | 4 | c | 29.73 | - .33 | 62 | 57 | + 10 | N.W. | 3 | c | * | * | * | - | | |
| Lyons ... | 29.88 | 67 | N.E. | 1 | c | 29.78 | - .21 | 58 | 53 | + 2 | E.S.E. | 1 | c | * | 70 | 47 | 0.04 | | |
| Toulon ... | 30.00 | 65 | N.W. | 8 | m | 30.00 | - .02 | 64 | 60 | + 5 | N.W. | 1 | m | 2 | 72 | 59 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.45 | 54 | SSW | 3 | c | 28.59 | - .40 | 51 | 48 | + 1 | S | 1 | c | * | 55 | 41 | - | | |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^r Dangereux Lith. London.

WEATHER

CHARTS

for 8 a.m. on MONDAY, 2nd JUNE, 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; → = forces 8 to 10;
→ = forces 5 to 7; → = forces 1 to 4;
○ = dead calm.

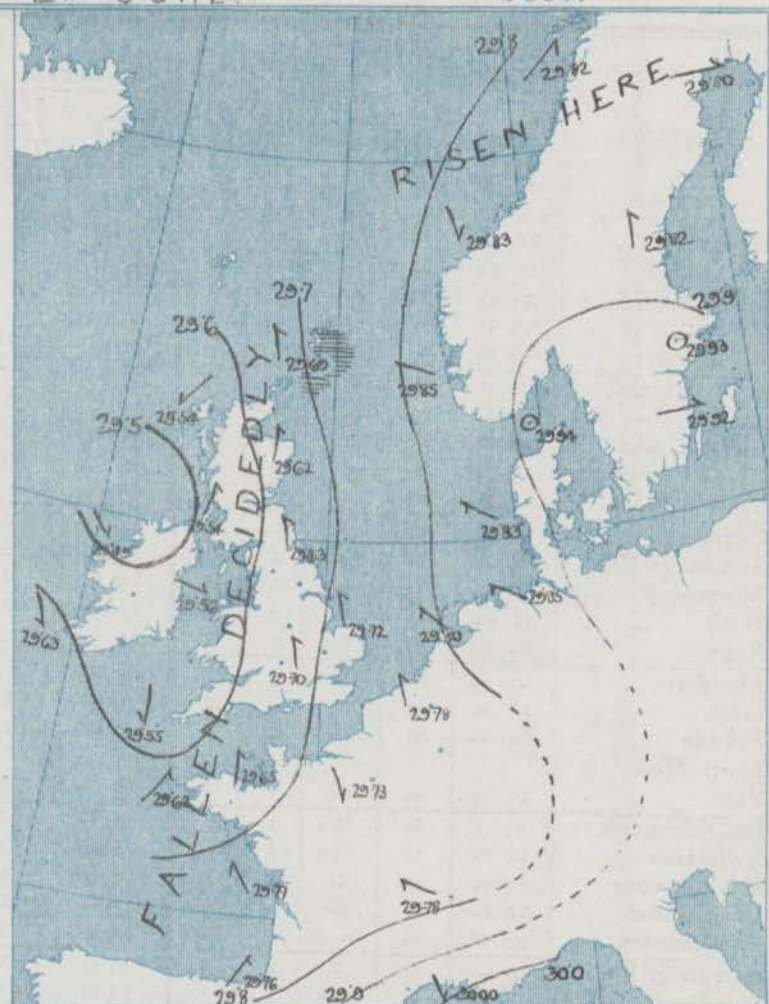
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.898 |
| Holyhead | 29.979 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roches Point | 29.929 |
| Pembroke | 29.957 |
| Silly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.953 |
| Cambridge | 29.960 |
| Yarmouth | 29.986 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 54.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.50 |
| Nairn | 54.8 | 50.8 | 2.00 |
| Aberdeen | 54.8 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.96 |
| Shields | 56.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 56.6 | 52.1 | 2.77 |
| Donaghadee | 56.4 | 53.3 | 2.72 |
| Holyhead | 56.7 | 53.3 | 1.88 |
| Liverpool | 56.9 | 53.0 | 1.67 |
| Valencia | 56.8 | 53.9 | 3.52 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 56.4 | 53.2 | 2.07 |
| Silly | 57.2 | 55.2 | 1.89 |
| Hurst Castle | 58.1 | 55.9 | 1.98 |
| Dover | 59.1 | 55.6 | 1.76 |
| LONDON | 59.6 | 56.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Monday 2nd June.

1884, at 8 a.m.

A further decided fall of the barometer has taken place over nearly the whole of Western Europe, and pressure now varies from a little above 29.9 ins. over the Baltic and south of Sweden to 29.5 ins. off our north-west coast. In the last named region a shallow depression is found this morning, while a small subsidiary disturbance is advancing eastwards up the Bristol Channel. There are also some indications of another shallow disturbance over France. Thus, while S^W breezes and rising temperatures are reported over Great Britain, the wind on our south-west coast has veered to the N^W again with colder weather. This morning's temperatures range from 56° or 57° over our southern counties, and from 58° or 59° in some parts of Scotland to between 48° and 50° in Ireland and the Hebrides. The maxima reported yesterday varied from 60° to 65° over our inland and north-eastern counties, but, were all below 60° in the west and north. Fine weather prevails at present over nearly the whole of our islands, but some rain has fallen at many of our western and northern stations, and the general appearance of the sky is unsettled. The sea is rough at Lumburgh Head, moderate off our south-west coast, smooth elsewhere.

Although the weather is at present fine, the intermingling of the S^W and N^W wind currents produced by the shallow depressions referred to, appears likely to bring about changeable, showery weather, and thunder locally, before long.

FORECASTS

for the 24 hours ending at NOON on 3rd June

1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

- | | |
|-------------------------|--|
| 0 { SCOTLAND NORTH | S ^W and varying breezes, light; fair to unsettled. |
| 1 { SCOTLAND EAST | -----D-----D-----D----- |
| 2 { ENGLAND N.E. | Same as No 4 |
| 3 { ENGLAND EAST | Same as No 5 |
| 4 { MIDLAND COUNTIES | Variable airs; fair and warm then less settled and showery. |
| 5 { ENGLAND SOUTH | S ^W to W ^W breezes, light, fine and warm at first, then showery and perhaps thunder. |

DISTRICTS.

FORECASTS.

- | | |
|-----------------------|---|
| 6 { SCOTLAND WEST | Variable airs and changeable weather. |
| 7 { ENGLAND N.W. | -----D-----D-----D----- |
| 8 { ENGLAND S.W. | NW ^W to SW ^W breezes, moderate, fine to showery. |
| 9 { IRELAND NORTH | -----D-----D-----D----- |
| 10 { IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

None issued.

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|
| Skudesnaes | 29.86 | 48 | 45 | 5 | 7 | 0 | 3 | Valencia | | | | | |
| Sumburgh Head | | | | | | | | Scilly | | | | | |
| Stornoway | | | | | | | | Dover | | | | | |
| Aberdeen | | | | | | | | London | | | | | * |
| Shields | | | | | | | | Yarmouth | | | | | |
| Ardrossan | | | | | | | | Jersey | | | | | |
| Mullaghmore | | | | | | | | Rochefort | 30.03 | 68 | 61 | NW | 4 |
| Holyhead | | | | | | | | | | | | 6 | 2 |

REMARKS.

Summary of Changes in the Weather over the British Islands and their neighbourhood from the 25th to the 31st May 1884.

This period commenced with a continuation of high northern and ^{south-western and} low south-eastern pressures, the gradients being moderate for S.E. winds in Ireland, for E. winds over England, and for N. winds on the eastern shores of the North Sea. Temperature fell rapidly over England, for though the weather in most northern places was fair a shallow depression in the south-west and a very small subsidiary disturbance near Jersey produced a considerable fall of rain over our southern counties, accompanied by lightning in some places. On Monday these disturbances broke up, and during the remainder of the week cold E. and N.E. winds prevailed over Great Britain the air being exceedingly unpleasant and searching, especially at night time or during the prevalence of cloud. In Ireland the weather was fine and the wind less cold. Towards the end of the week the high pressure area in the north began to move a little to the W. and became less clearly defined. The winds in Ireland and Scotland lulled to a calm, those over England fell lighter and there was every indication that the cold dry unreasonable conditions were about to break up.

DAILY WEATHER REPORT

for 3RD Tues-day June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London. R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|---|--------------------|--------|---------------------|---------|---|---|-------------|------|---|--------|---------------------|-------------------|-------------|------|---------------------------|------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dirac. | Force. (0 to 12) | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12) | | Max. | Min. | | | |
| Haparanda | 29.74 | 46 | SW | 2 | c | 29.66 | — .14 | 50 | 31 | — 14 | NE | 6 | r | 3 | 55 | 34 | 0.12 | |
| Hernösand | 29.75 | 42 | SW | 2 | c | 29.67 | — .15 | 55 | 32 | + 4 | NW | 2 | bc | 2 | 69 | 43 | — | |
| Stockholm | 29.75 | 55 | SSW | 2 | b | 29.75 | — .15 | 60 | 53 | + 3 | WSW | 2 | b | 2 | 68 | 46 | — | |
| Wisby | 29.88 | 51 | W | 4 | b | 29.72 | — .16 | 54 | 46 | 0 | NE | 4 | b | 2 | 63 | 41 | — | |
| Bodö | 29.75 | 42 | NNE | 2 | r | 29.76 | — .06 | 46 | 41 | + 6 | NNE | 4 | bc | 2 | ? | 39 | 0.12 | |
| Christiansund ... | 29.83 | 49 | NN | 3 | o | 29.74 | + .01 | 42 | 41 | — 9 | NE | 3 | r | 3 | 54 | 29 | 0.24 | |
| Skudesnæs ... | 29.88 | 54 | ENE | 2 | o | 29.82 | — .03 | 55 | 50 | + 2 | E | 2 | b | 2 | 59 | 31 | — | |
| Oxö (Kilansund) ... | 29.83 | 56 | S | 4 | b | 29.81 | — .06 | 53 | 49 | — 1 | NNW | 2 | m | 1 | 63 | 46 | — | |
| Skagen (The Skaw) ... | 29.85 | 55 | Z | 0 | b | 29.78 | — .16 | 58 | 53 | 0 | Z | 0 | c | 0 | 68 | 50 | — | |
| Fanö | 29.82 | 55 | ENE | 1 | b | 29.73 | — .10 | 59 | 54 | 0 | ENE | 4 | b | 2 | 66 | 45 | — | |
| Cuxhaven ... | 29.82 | 57 | ENE | 4 | c | 29.74 | — .11 | 58 | 56 | — 2 | E | 4 | c | 2 | 61 | 41 | — | |
| Sumburgh Head ... | 29.77 | 49 | SSE | 1 | o | 29.87 | + .12 | 48 | 47 | 0 | ESE | 1 | o | 2 | 51 | 44 | — | |
| Stornoway ... | 29.68 | 58 | W SW | 3 | bc | 29.77 | + .23 | 55 | 52 | + 7 | NNW | 3 | b | 2 | 58 | 43 | — | |
| Wick | 29.71 | 54 | S | 3 | b | 29.80 | + .18 | 54 | 52 | + 2 | S | 2 | b | 1 | 57 | 45 | — | |
| Nairn | 29.65 | 64 | Z | 0 | bc | 29.77 | + .23 | 53 | 50 | — 6 | Z | 0 | b | 1 | 68 | 48 | — | |
| Aberdeen ... | 29.73 | 54 | S | 4 | b | 29.81 | + .19 | 56 | 51 | + 2 | SE | 2 | b | 2 | 60 | 47 | — | |
| Leith ... | 29.64 | 62 | SSE | 1 | c | 29.77 | + .21 | 57 | 53 | — 1 | E | 2 | b | 2 | 66 | 43 | — | |
| Shields ... | 29.68 | 63 | SE | 4 | o | 29.77 | + .14 | 58 | 50 | — 3 | ENE | 1 | o | 2 | 55 | 45 | — | |
| Spurn Head ... | 29.67 | 54 | ESE | 5 | b | 29.68 | + .01 | 55 | 53 | + 2 | ENE | 4 | b | 4 | 58 | 50 | — | |
| York ... | 29.67 | 60 | SE | 1 | b | 29.72 | + .08 | 54 | 51 | — 2 | NNE | 1 | o | 2 | 63 | 44 | — | |
| Loughborough ... | 29.63 | 62 | ENE | 1 | c | 29.65 | + .02 | 57 | 54 | + 3 | ENE | 3 | cm | 2 | 66 | 47 | — | |
| Ardrossan ... | 29.66 | 54 | Z | 0 | c | 29.74 | + .20 | 54 | 51 | + 7 | ENE | 2 | cm | 1 | 55 | 46 | 0.01 | |
| Mullaghmore ... | 29.64 | 52 | NNW | 4 | bc | 29.75 | + .26 | 51 | 48 | + 1 | NN | 1 | o | 2 | 55 | 47 | — | |
| Donaghadee ... | 29.66 | 52 | ESE | 2 | b | 29.73 | + .19 | 52 | 50 | + 1 | ESE | 2 | bc | 1 | 54 | 48 | 0.02 | |
| Parsonstown ... | 29.64 | 52 | NNW | 1 | bc | 29.77 | + .21 | 48 | 45 | 0 | N | 1 | og | 2 | 58 | 45 | 0.09 | |
| Barrow-in-Furness | 29.62 | 58 | N | 2 | c | 29.69 | + .16 | 33 | 49 | 0 | N | 1 | b | 2 | 61 | 48 | — | |
| Holyhead ... | 29.64 | 52 | N | 2 | o | 29.68 | + .14 | 35 | 51 | + 37 | ENE | 3 | bc | 2 | 59 | 48 | — | |
| Liverpool (Bidston) | 29.63 | 54 | NN | 1 | o | 29.69 | + .12 | 36 | 51 | + 1 | ENE | 3 | b | 2 | 63 | 49 | — | |
| Valencia ... | 29.72 | 51 | NW | 5 | cq | 29.80 | + .17 | 51 | 48 | + 1 | NN | 3 | c | 3 | 54 | 45 | 0.04 | |
| Roche's Point .. | 29.66 | 52 | N | 5 | c | 29.74 | + .18 | 50 | 47 | 0 | NNW | 5 | c | 4 | 56 | 45 | 0.05 | |
| Pembroke ... | 29.59 | 51 | N | 3 | o | 29.65 | + .10 | 53 | 52 | + 4 | NNE | 2 | op | 0 | 53 | 48 | 0.02 | |
| Scilly ... | 29.57 | 49 | NNE | 5 | r | 29.66 | + .11 | 53 | 52 | + 2 | N | 5 | op | 5 | 53 | 48 | 0.10 | |
| Prawle Point | 29.54 | 55 | ENE | 2 | b | 29.67 | — .02 | 52 | 52 | — 2 | NNW | 4 | o | 3 | 58 | 49 | 0.21 | |
| Hurst Castle ... | 29.55 | 59 | E | 2 | bc | 29.49 | — .16 | 53 | 51 | — 3 | NE | 5 | r | 5 | 63 | 50 | 0.03 | |
| Dover ... | 29.58 | 58 | E | 4 | bc | 29.51 | — .20 | 55 | 53 | + 1 | E | 4 | or | 3 | 61 | 53 | 0.01 | |
| London ... | 29.61 | 60 | E | 3 | bc | 29.57 | — .13 | 58 | 53 | + 2 | ENE | 3 | c | 2 | 67 | 52 | — | |
| Oxford ... | 29.60 | 58 | E | 1 | b | 29.59 | — .06 | 54 | 51 | — 3 | NE | 4 | cq | 2 | 66 | 45 | — | |
| Cambridge ... | 29.67 | 59 | S | 1 | b | 29.59 | — .09 | 59 | 54 | + 4 | E | 2 | b | 2 | 67 | 40 | — | |
| Yarmouth ... | 29.68 | 56 | E | 3 | b | 29.63 | — .09 | 55 | 52 | + 1 | ENE | 5 | b | 4 | 59 | 51 | — | |
| The Helder ... | 29.68 | 49 | E | 1 | b | 29.62 | — .18 | 55 | 51 | 0 | ENE | 5 | b | 3 | 63 | 54 | — | |
| Cape Griz Nez ... | ? | 59 | NE | 5 | c | ? | ? | 33 | 50 | 0 | ENE | 4 | r | 3 | 68 | 50 | — | |
| Jersey ... | 29.50 | 55 | E | 2 | orm | 29.43 | — .22 | 32 | 51 | — 3 | NNE | 5 | rmw | 4 | 62 | 51 | 1.20 | |
| Brest ... | 29.48 | 56 | NW | 1 | o | 29.60 | — .02 | 50 | 49 | — 4 | N | 7 | r | 4 | 64 | 48 | 0.12 | |
| Lorient ... | 29.48 | 58 | SSE | 5 | bc | 29.50 | — .18 | 52 | 51 | — 4 | NW | 8 | r | 6 | 66 | 48 | 0.04 | |
| Rochefort ... | 29.57 | 60 | W | 5 | o | 29.58 | — .19 | 56 | 52 | — 1 | WNW | 5 | c | 2 | 66 | 48 | 0.24 | |
| Biarritz ... | 29.62 | 54 | W | 5 | r | 29.58 | — .18 | 52 | 50 | — 2 | SW | 3 | r | 7 | 64 | 41 | 0.83 | |
| Corunna ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| Brussels ... | • | • | • | • | • | 29.46 | — .30 | 55 | 51 | 0 | ENE | 4 | c | • | 69 | 48 | — | |
| Charleville ... | 29.54 | 66 | ESE | 3 | b | 29.36 | ? | 55 | 52 | ? | NE | 1 | o | • | 70 | 45 | 0.04 | |
| Paris ... | 29.54 | 63 | SSE | 3 | r | ? | ? | 58 | 54 | — 4 | SE | 3 | o | • | • | • | 0.51 | |
| Lyons ... | 29.54 | 62 | SE | 1 | r | 29.54 | — .24 | 56 | 52 | — 2 | SSH | 1 | b | • | 70 | 46 | 0.12 | |
| Toulon ... | 29.74 | 50 | SSW | 5 | r | 29.70 | — .30 | 57 | 55 | — 7 | E | 5 | o | 4 | 70 | 52 | 1.34 | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.45 | 58 | S | 1 | b | 29.32 | + .13 | 49 | 46 | — 2 | E | 2 | bc | • | 58 | 42 | — | |

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 France and our islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
§ Received too late for insertion in chart.

Fredⁿ Dangerfield Lath. London.

WEATHER CHARTS

for 8 a.m. on Tuesday, 3rd JUNE 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;
→→ = forces 5 to 7; → = forces 1 to 4;
○ = dead calm.

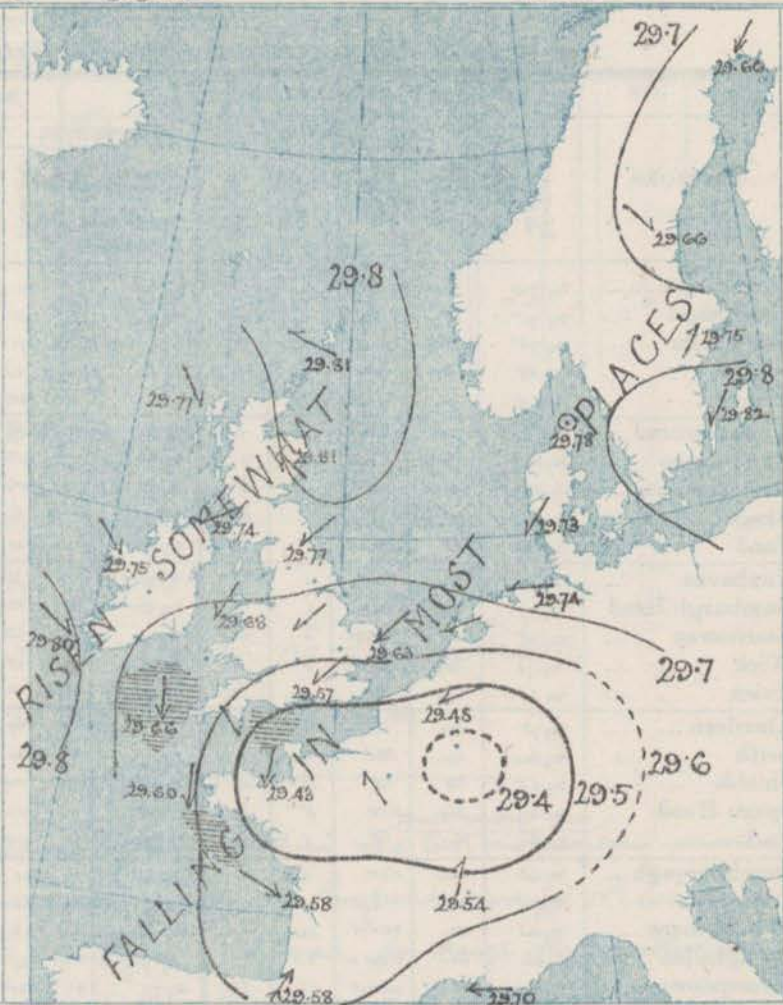
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.882 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrrossan | 29.935 |
| Donaghadee | 29.898 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roche's Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.953 |
| Oxford | 29.953 |
| Cambridge | 29.960 |
| Yarmouth | 29.956 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 54.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.50 |
| Nairn | 54.8 | 50.8 | 2.00 |
| Aberdeen | 54.8 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.06 |
| Shields | 56.2 | 51.0 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrrossan | 56.4 | 52.1 | 2.77 |
| Donaghadee | 56.4 | 53.3 | 2.12 |
| Holyhead | 56.7 | 53.3 | 1.98 |
| Liverpool | 56.9 | 53.0 | 1.67 |
| Valencia | 56.9 | 53.9 | 3.52 |
| Roche's Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.4 | 53.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 7.69 |
| Hurst Castle | 56.1 | 55.9 | 1.88 |
| Dover | 59.1 | 56.5 | 1.76 |
| LONDON | 59.5 | 56.3 | 2.24 |
| Oxford | 57.2 | 55.3 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Tuesday 3rd June

1884, at 8 a.m.

The shallow depression which lay off our NW. coast yesterday has passed away to the northward, while the small disturbance noticed over the Bristol Channel has moved in a south easterly direction to the north of France and become much more extensive. In consequence of these changes the barometer has fallen at our extreme southern and most of the Continental stations, while it has risen on all our western and northern coasts. Light variable airs are reported from most of our northern stations, but in the south the wind is influenced by the depression over France, being NE³ over the greater part of England, N³ on our south west coasts, and N.W. or W² in the Bay of Biscay. The weather is cloudy and unsettled in the south, with rain at all the Channel stations. On our western and northern coasts, however, conditions are still fair. Temperature has changed little and irregularly, and readings now range from 55° at Cambridge to 48° in the Shetlands. The sea is rather rough at Lundy and Hurst Castle, moderate to smooth elsewhere.

The depression over France is likely to occasion rain in the east and south east of England, and the general appearance is in favour of a continuance of unsettled weather.

FORECASTS

for the 24 hours ending at NOON on 4th June 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|--|--------------------|--|
| 0 { SCOTLAND NORTH | Varying E ³ breezes, light; fine generally | 6 { SCOTLAND WEST | NE ³ or N ³ winds, light; fair generally |
| 1 { SCOTLAND EAST | -----D-----D-----D----- | 7 { ENGLAND N.W. | -----D-----D-----D----- |
| 2 { ENGLAND N.E. | NE ³ winds, moderate; fair to unsettled & some rain | 8 { ENGLAND S.W. | N ³ winds, light or moderate; fair generally |
| 3 { ENGLAND EAST | -----D-----D-----D----- | 9 { IRELAND NORTH | -----D-----D-----D----- |
| 4 { MIDLAND COUNTIES | -----D-----D-----D----- | 10 { IRELAND SOUTH | -----D-----D-----D----- |
| 5 { ENGLAND SOUTH | NE ³ winds, moderate; cloudy; some rain | WARNINGS | None Issued |

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

| TUESDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---------------------------------------|-------|------|------|-------|------|-------|---|-----------|-------|------|-------|------|------|-------|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
| Skudesnaes | 29.87 | 60 | 51 | SSH | 6 | c | 4 | Valencia | 29.60 | 50 | 47 | NNW | 5 | bc. g | 5 |
| Sumburgh Head | 29.76 | 49 | 48 | SSE | 3 | o | 4 | Sailly | 29.55 | 50 | 49 | NE | 4 | r | 4 |
| Stornoway | 29.62 | 55 | 51 | SSE | 3 | onv | 2 | Dover | 29.64 | 57 | 55 | NE | 3 | a | 2 |
| Aberdeen | 29.70 | 50 | 52 | SSE | 5 | b | 3 | London | 29.62 | 62 | 53 | SE | 3 | o | * |
| Shields | 29.67 | 54 | 51 | SSE | 4 | o | 3 | Yarmouth | | | | | | | |
| Ardrossan | 29.64 | 50 | 48 | L | o | o | 0 | Jersey | 29.56 | 60 | 51 | ESE | 2 | o | 2 |
| Mullaghmore | 29.59 | 52 | 50 | NNW | 5 | bc. v | 4 | Rocheport | 29.65 | 63 | 62 | S | 4 | o | 2 |
| Holyhead | 29.63 | 55 | 51 | N | 2 | o | 1 | | | | | | | | |

REMARKS.

The barometer continues to fall in the SE of England and also at Rocheport, but is rising at all our western and northern stations. No important change is shown in the winds but rain has set in at Scilly. The sea is rather rough at Valencia, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for Wednesday 4th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| Issued by the Meteorological Office, 11, Abchurch Lane, London, E.C. 4. | | | | | | | | | | | | | | | | | |
|---|------------------------------------|-----------------|-------|-----------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-----------------|---------------|-------------|----------------|------|---------------------|
| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | |
| STATIONS. | Barometer at 3 p.m. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | SHADE TEMP. | | | |
| | | | Dir. | Force (0 to 12) | | Reading at 8 p.m. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12) | | Weather. | Max. | Min. | Amount of Rainfall. |
| Haparanda | 29.48 | 42 | NE | 4 | 0 | 29.58 | + .10 | 46 | 41 | + 6 | NE | 6 | 0 | • | ? | 39 | 0.16 |
| Hernösand ... | 29.77 | 44 | NE | 6 | 0 | 29.54 | + .17 | 46 | 41 | - 12 | NNE | 4 | 0 | • | 61 | 41 | - |
| Stockholm ... | 29.68 | 55 | Z | 0 | 0 | 29.58 | - .24 | 62 | 52 | + 8 | ENE | 6 | 0 | • | 66 | 39 | - |
| Wisby ... | 29.80 | 46 | NNE | 2 | 0 | 29.97 | + .21 | 47 | 41 | + 1 | E | 4 | 0 | • | 48 | 37 | - |
| Bodö ... | 29.80 | 46 | NNE | 2 | 0 | 29.97 | + .21 | 47 | 41 | + 1 | E | 4 | 0 | • | 48 | 37 | - |
| Christiansund ... | 29.86 | 45 | NE | 4 | 0 | 29.83 | - .03 | 51 | 45 | + 9 | NE | 2 | 0 | 3 | 58 | 41 | - |
| Skudenes ... | 29.65 | 54 | E | 2 | 0 | 29.65 | - .17 | 55 | 50 | 0 | NNE | 2 | 0 | 0 | 72 | 50 | - |
| Oxö (Åland) ... | 29.61 | 57 | SW | 4 | 0 | 29.62 | - .19 | 50 | 46 | - 3 | NNE | 6 | 0 | 3 | 63 | 50 | - |
| Skagen (The Skaw) ... | 29.64 | 56 | Z | 0 | 0 | 29.59 | - .19 | 55 | 51 | - 3 | E | 4 | 0 | 2 | 68 | 48 | - |
| Fanö ... | 29.63 | 56 | ENE | 4 | 0 | 29.60 | - .13 | 55 | 54 | - 1 | NW | 4 | 0 | • | 66 | 46 | - |
| Cuxhaven ... | 29.66 | 57 | ENE | 3 | 0 | 29.66 | - .08 | 59 | 57 | + 1 | NNE | 2 | 0 | • | 63 | 52 | - |
| †Sumburgh Head ... | 29.83 | 49 | NE | 1 | 0 | 29.83 | + .01 | 48 | 44 | 0 | NE | 3 | 0 | 4 | 53 | 43 | - |
| †Stornoway ... | 29.77 | 58 | N | 3 | 0 | 29.81 | + .04 | 53 | 51 | - 2 | ENE | 4 | 0 | 3 | 61 | 45 | - |
| Wick ... | 29.81 | 64 | ESE | 2 | 0 | 29.81 | + .02 | 47 | 45 | - 7 | E | 2 | 0 | 1 | 59 | 45 | - |
| Nairn ... | 29.72 | 58 | ENE | 2 | 0 | 29.83 | + .06 | 50 | 46 | - 3 | Z | 0 | 0 | 0 | 64 | 40 | - |
| †Aberdeen ... | 29.80 | 65 | SE | 3 | 0 | 29.83 | + .01 | 50 | 48 | - 6 | NNW | 3 | 0 | 1 | 59 | 45 | - |
| Leith ... | 29.72 | 54 | E | 1 | 0 | 29.81 | + .09 | 48 | 47 | - 9 | ENE | 1 | 0 | • | 58 | 45 | - |
| †Shields ... | 29.78 | 50 | ENE | 3 | 0 | 29.81 | + .03 | 45 | 43 | - 7 | ENE | 1 | 0 | 3 | 54 | 42 | - |
| Spurn Head ... | 29.71 | 51 | NE | 4 | 0 | 29.77 | + .06 | 50 | 49 | - 5 | NNE | 5 | 0 | 4 | 58 | 47 | - |
| York ... | 29.73 | 60 | ENE | 2 | 0 | 29.80 | + .07 | 52 | 49 | - 2 | N | 1 | 0 | • | 67 | 43 | - |
| Loughborough ... | 29.67 | 61 | ENE | 3 | 0 | 29.78 | + .13 | 49 | 47 | - 8 | NNW | 3 | 0 | 0 | 66 | 47 | - |
| †Ardrossan ... | 29.72 | 63 | NE | 1 | 0 | 29.79 | + .07 | 57 | 53 | + 3 | Z | 0 | 0 | 0 | 65 | 44 | - |
| Mullaghmore ... | 29.78 | 49 | NNW | 4 | 0 | 29.87 | + .09 | 50 | 48 | - 1 | W | 2 | 0 | 2 | 54 | 48 | 0.11 |
| Donaghadee ... | 29.75 | 57 | NNE | 1 | 0 | 29.82 | + .07 | 53 | 51 | + 1 | ENE | 2 | 0 | 0 | 59 | 45 | - |
| Parsonstown ... | 29.79 | 50 | NNW | 4 | 0 | 29.88 | + .09 | 50 | 47 | + 2 | NNW | 1 | 0 | • | 60 | 44 | 0.19 |
| Barrow-in-Furness | 29.70 | 62 | ESE | 3 | 0 | 29.76 | + .07 | 53 | 50 | 0 | NE | 1 | 0 | 2 | 67 | 46 | - |
| †Holyhead ... | 29.69 | 65 | N | 3 | 0 | 29.79 | + .11 | 56 | 53 | + 1 | NNW | 3 | 0 | 2 | 61 | 47 | - |
| Liverpool (Bidsdon) | 29.69 | 61 | E | 3 | 0 | 29.79 | + .10 | 55 | 51 | - 1 | E | 1 | 0 | 2 | 65 | 48 | - |
| †Valencia ... | 29.84 | 53 | NW | 3 | 0 | 29.90 | + .10 | 56 | 51 | + 5 | NW | 3 | 0 | 3 | 58 | 46 | - |
| Roche's Point ... | 29.80 | 65 | NNW | 4 | 0 | 29.86 | + .13 | 50 | 49 | + 3 | NNW | 4 | 0 | 4 | 58 | 42 | - |
| Pembroke ... | 29.74 | 51 | NNW | 2 | 0 | 29.78 | + .13 | 49 | 48 | - 4 | NW | 3 | 0 | 2 | 58 | 48 | 0.25 |
| †Scilly ... | 29.76 | 50 | NW | 6 | 0 | 29.86 | + .20 | 54 | 50 | + 1 | NW | 4 | 0 | 4 | 54 | 50 | 0.02 |
| Prawle Point ... | 29.66 | 51 | NNW | 4 | 0 | 29.87 | + .24 | 50 | 50 | - 2 | NW | 3 | 0 | 3 | 56 | 48 | 0.05 |
| Hurst Castle ... | 29.60 | 55 | ENE | 1 | 0 | 29.75 | + .26 | 54 | 52 | + 1 | NE | 1 | 0 | 3 | 59 | 49 | 0.02 |
| †Dover ... | 29.58 | 57 | ENE | 3 | 0 | 29.69 | + .15 | 53 | 53 | 0 | NE | 3 | 0 | 2 | 59 | 54 | - |
| London ... | 29.62 | 58 | ESE | 2 | 0 | 29.74 | + .27 | 52 | 49 | - 6 | NNE | 3 | 0 | • | 62 | 51 | 0.01 |
| Oxford ... | 29.65 | 57 | NNE | 3 | 0 | 29.77 | + .18 | 50 | 47 | - 4 | NNE | 2 | 0 | • | 64 | 49 | - |
| Cambridge ... | 29.66 | 59 | N | 1 | 0 | 29.78 | + .16 | 50 | 51 | - 6 | N | 1 | 0 | • | 66 | 47 | - |
| †Yarmouth ... | 29.64 | 57 | NE | 4 | 0 | 29.72 | + .09 | 56 | 52 | + 1 | NNE | 4 | 0 | 4 | 59 | 51 | - |
| The Helder ... | 29.59 | 58 | NE | 4 | 0 | 29.66 | + .04 | 58 | 55 | + 3 | NE | 1 | 0 | 1 | 59 | 54 | - |
| Cape Griz Nez ... | ? | 55 | NE | 4 | 0 | ? | ? | 54 | 54 | + 1 | NE | 1 | 0 | 1 | 57 | 52 | - |
| †Jersey ... | 29.55 | 52 | NNW | 5 | 0 | 29.59 | + .27 | 51 | 51 | - 1 | NW | 5 | 0 | 4 | 54 | 50 | 1.15 |
| Brest ... | 29.77 | 51 | NNW | 7 | 0 | 29.91 | + .38 | 52 | 48 | + 2 | NW | 4 | 0 | 4 | 52 | 48 | 0.08 |
| Lorient ... | 29.75 | 50 | NNW | 8 | 0 | 29.93 | + .43 | 53 | 48 | + 1 | NW | 5 | 0 | 3 | 61 | 48 | 0.04 |
| †Roche fort ... | 29.58 | 55 | NW | 9 | 0 | 29.97 | + .39 | 55 | 50 | - 1 | NW | 8 | 0 | 4 | 64 | 48 | 0.21 |
| Biarritz ... | 29.97 | 57 | N | 9 | 0 | 30.09 | + .51 | 56 | 53 | + 4 | NNW | 5 | 0 | 4 | 64 | 50 | 0.67 |
| Corunna ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Brussels ... | • | • | • | • | • | 29.64 | + .16 | 56 | 54 | + 1 | N | 1 | 0 | • | 61 | 53 | 0.24 |
| Charleville ... | 29.56 | 36 | NW | 3 | 0 | 29.65 | + .24 | 55 | 53 | 0 | N | 4 | 0 | • | ? | 54 | 0.20 |
| Paris ... | 29.58 | 62 | SE | 3 | 0 | 29.75 | ? | 58 | 55 | 0 | SW | 3 | 0 | • | • | • | - |
| Lyons ... | 29.56 | 58 | NW | 4 | 0 | 29.84 | + .30 | 50 | 48 | - 3 | NW | 3 | 0 | • | 62 | 50 | 0.04 |
| Toulon ... | 29.72 | 48 | NNW | 9 | 0 | 29.92 | + .23 | 50 | 49 | - 4 | NW | 9 | 0 | 7 | 61 | 46 | 0.83 |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.53 | 57 | E | 1 | 0 | 28.56 | + .04 | 57 | 49 | + 8 | N | 1 | 0 | • | 60 | 36 | - |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^r Daggertield Liph. London.

WEATHER CHARTS

for 8 a.m. on *Wednesday, 4th JUNE* 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

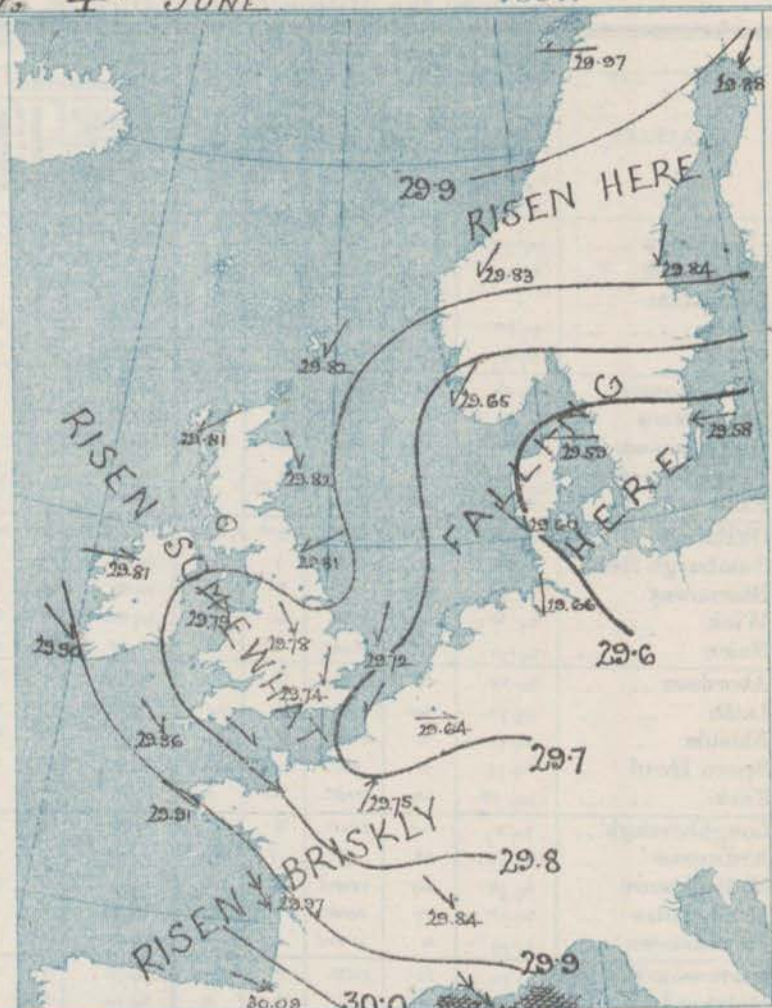
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 — = forces above 10, — = forces 8 to 10,
 — = forces 5 to 7, — = forces 1 to 4,
 ○ = dead calm.

Sea Disturbance — where considerable is shown thus
 — = Rough. — = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *June*.
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.860 |
| Stormoway. | 29.832 |
| Wick. | 29.861 |
| Nairn. | 29.868 |
| Aberdeen. | 29.876 |
| Leith. | 29.892 |
| Shields. | 29.918 |
| York. | 29.936 |
| Ardrrossan. | 29.956 |
| Donaghadee. | 29.938 |
| Holyhead. | 29.929 |
| Liverpool. | 29.930 |
| Valencia. | 29.929 |
| Roche's Point. | 29.929 |
| Pembroke. | 29.937 |
| Silly. | 29.971 |
| Hurst Castle. | 29.963 |
| Dover. | 29.982 |
| LONDON. | 29.963 |
| Oxford. | 29.963 |
| Cambridge. | 29.960 |
| Yarmouth. | 29.936 |



REMARKS.

for

Wednesday 4th June

1884, at 8 a.m.

The large depression which lay over the north of France yesterday has almost entirely dispersed, and the barometer has risen at all our own and the French stations. In the meantime, however, a large area of low pressure has been formed over Southern Sweden and the Baltics, so that the barometer has fallen on the eastern shore of the North Sea. Light or moderate NE^{ly} breezes are reported on our north and east coast, but in the south-west of our islands and the Bay of Biscay the wind is moderate or fresh from the NW^{ly}. The weather continues fair in most places, but a good deal of cloud prevails in the south, and rain is falling at Limerick, London and Jersey. Rain fell yesterday in France, the south of England and some parts of Ireland; in most cases the amounts were slight, but at Jersey there was as much as 1.2 in. Temperature has fallen several degrees in the north-east, and readings now range from 57° at Ardrossan to 45° at Shields. The sea is moderate to smooth.

There is no sign of any important change in the weather.

FORECASTS

for the 24 hours ending at NOON on

1884.

(Issued at 11 a.m. on the previous day.) June

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

NE^{ly} winds, light; fair generally

1 { SCOTLAND
EAST

-----D'-----D'-----D'-----

2 { ENGLAND
N.E.

-----D'-----D'-----D'-----

3 { ENGLAND
EAST

Same as N° 5

4 { MIDLAND
COUNTIES

Same as N° 5

5 { ENGLAND
SOUTH

N^{ly} winds, light or moderate; fair generally

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

Light variable winds; fine to cloudy

7 { ENGLAND
N.W.

Same as N° 0 to 2

8 { ENGLAND
S.W.

N^{ly} winds, moderate; fair generally

9 { IRELAND
NORTH

N^{ly} or NE^{ly} winds, moderate; cloudy, some rain

10 { IRELAND
SOUTH

Same as N° 8

WARNINGS

None Issued

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | |
|---------------|-------|------|------|-------|------|------|----------|-----------|-------|------|-------|------|------|---|---|
| Skudesnaes | | | | | | | Valencia | 29.82 | 50 | 51 | NW | 4 | c | 4 | |
| Sumburgh Head | 29.83 | 50 | 47 | NE | 1 | c | 1 | Scilly | 29.23 | 53 | 52 | NW | 6 | o | 5 |
| Stornoway | 29.77 | 61 | 56 | NNW | 3 | 2 | Dover | 29.55 | 57 | 54 | E | 4 | cg | 3 | |
| Aberdeen | 29.81 | 56 | 51 | SE | 3 | 2 | London | 29.58 | 62 | 53 | NE | 4 | o | * | |
| Shields | 29.77 | 54 | 51 | ENE | 2 | o | 3 | Yarmouth | 29.64 | 58 | 54 | NE | 4 | b | 4 |
| Ardrossan | 29.70 | 63 | 56 | ENE | 3 | o | 4 | Jersey | 29.49 | 52 | 52 | NNW | 4 | r | 4 |
| Mullaghmore | 29.76 | 49 | 48 | W | 4 | r | 3 | Rochefort | 29.67 | 46 | 54 | NNW | 9 | o | 4 |
| Holyhead | 29.69 | 60 | 55 | NE | 4 | bc | 3 | | | | | | | | |

REMARKS.

The barometer is inclined to rise a little in most places, and the depression to the southward of our islands appears to be filling up. No important change is shown in the winds, but while the weather at Dover has improved rain has set in at Mullaghmore. Sea is rather rough at Lilly, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Thursday 5th June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|-------------------|----------|--|----------------|------|-----------------------------------|--------|-------------------|-----------------------------------|----------------|-------------|------|---------------------|----------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | Barometer Reading at 32° F. and Sea Level. | SHADE TEMP. | | Difference from 8 a.m. yesterday. | WIND. | | Difference from 8 a.m. yesterday. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Direc. | Force. (0 to 12). | | | Dry. | Wet. | | Direc. | Force. (0 to 12). | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.98 | 45 | NE | 2 | c | 29.99 | + 11 | 48 | 42 | + 2 | NE | 6 | 3 | 48 | 39 | — | | | |
| Hernösand ... | 29.88 | 46 | NE | 2 | o | 29.92 | + 08 | 48 | 43 | + 2 | NE | 4 | 3 | 54 | 41 | — | | | |
| Stockholm ... | 29.70 | 45 | NE | 4 | o | 29.71 | — | 48 | 46 | — | N | 4 | 0 | 63 | 45 | — | | | |
| Wisby ... | 29.61 | 48 | NE | 4 | 3 | 29.61 | + 03 | 46 | 45 | — | NE | 6 | 0 | 68 | 45 | — | | | |
| Bedö ... | + 30.00 | 46 | NNW | 2 | 3 | 30.01 | + 04 | 47 | 41 | 0 | ENE | 2 | 3 | 54 | 39 | — | | | |
| Christiansund ... | + 29.84 | 49 | ENE | 5 | o | 29.79 | — 04 | 52 | 45 | + 1 | E | 5 | 3 | ? | 43 | — | | | |
| Skudesnaes ... | + 29.68 | 50 | NW | 4 | e | 29.64 | — 01 | 50 | 48 | — 3 | E | 2 | 0 | ? | 50 | — | | | |
| Oxö (Kilansund) ... | 29.62 | 48 | NNE | 6 | o | 29.58 | — 06 | 50 | 49 | 0 | ENE | 8 | 4 | 50 | 46 | 0.08 | | | |
| Skagen (The Skaw) | 29.57 | 50 | E | 4 | e | 29.50 | + 01 | 50 | 54 | + 1 | ESE | 5 | 0 | 63 | 52 | 0.04 | | | |
| Fanö ... | 29.62 | 51 | WNW | 4 | e | 29.65 | + 05 | 50 | 51 | — 2 | W | 4 | 0 | 59 | 46 | — | | | |
| Cuxhaven ... | 29.65 | 56 | ? | 4 | c | 29.70 | + 04 | 56 | 54 | — 3 | WNW | 3 | 3 | 69 | 49 | — | | | |
| Sumburgh Head ... | 29.82 | 48 | NE | 4 | e | 29.73 | — 09 | 49 | 45 | + 1 | NE | 3 | 0 | 51 | 42 | — | | | |
| Stornoway ... | 29.84 | 50 | NE | 6 | 3 | 29.83 | + 02 | 50 | 45 | — 3 | NE | 4 | 3 | 55 | 43 | — | | | |
| Wick ... | 29.86 | 52 | ESE | 2 | 3 | 29.77 | — 05 | 50 | 46 | + 3 | NNE | 3 | 0 | 55 | 40 | — | | | |
| Nairn ... | 29.86 | 50 | E | 1 | 3 | 29.82 | — 01 | 48 | 45 | — 2 | NE | 2 | 0 | 56 | 40 | — | | | |
| Aberdeen ... | 29.82 | 52 | NNE | 4 | 3 | 29.77 | — 05 | 49 | 44 | — 1 | NNW | 4 | 3 | 54 | 43 | — | | | |
| Leith ... | 29.81 | 52 | E | 1 | m | 29.80 | — 01 | 49 | 44 | + 1 | E | 1 | m | 57 | 45 | — | | | |
| Shields ... | 29.82 | 50 | NE | 1 | a | 29.80 | — 01 | 49 | 45 | + 4 | NE | 2 | 0 | 58 | 45 | — | | | |
| Spurn Head ... | 29.78 | 49 | E | 2 | o | 29.79 | + 02 | 50 | 47 | 0 | N | 3 | 0 | 60 | 47 | — | | | |
| York ... | 29.79 | 59 | E | 1 | c | 29.81 | + 01 | 46 | 46 | — 6 | NE | 1 | r | 69 | 46 | 0.03 | | | |
| Loughborough... | 29.76 | 65 | ESE | 1 | e | 29.81 | + 03 | 51 | 49 | + 2 | SSW | 1 | cm | 71 | 48 | — | | | |
| Ardrossan ... | 29.79 | 56 | ENE | 1 | o | 29.79 | 00 | 50 | 48 | — 7 | L | 0 | dm | 61 | 48 | 0.02 | | | |
| Mullaghmore ... | 29.84 | 54 | WNW | 2 | cm | 29.84 | + 03 | 52 | 50 | + 2 | NW | 4 | om | 57 | 48 | — | | | |
| Donaghadee ... | 29.83 | 54 | NNE | 4 | 3 | 29.83 | + 01 | 52 | 49 | — 1 | ENE | 2 | a | 58 | 46 | — | | | |
| Parsonstown ... | 29.87 | 54 | SW | 1 | c | 29.90 | + 02 | 51 | 48 | + 1 | WNW | 2 | og | 59 | 45 | — | | | |
| Barrow-in-Furness | 29.78 | 59 | NW | 2 | 3 | 29.76 | 00 | 52 | 51 | — 1 | NNE | 2 | r | 64 | 51 | 0.05 | | | |
| Holyhead ... | 29.83 | 56 | WNW | 3 | 3 | 29.82 | + 03 | 54 | 52 | — 2 | WNW | 2 | o | 59 | 50 | — | | | |
| Liverpool (Bidston) | 29.80 | 58 | NW | 1 | 3 | 29.80 | + 01 | 52 | 50 | — 3 | W | 3 | c | 65 | 49 | — | | | |
| Valencia ... | 29.97 | 52 | NW | 4 | o | 29.96 | + 06 | 52 | 49 | — 4 | WNW | 3 | op | 68 | 48 | 0.03 | | | |
| Roche's Point .. | 29.92 | 56 | NW | 2 | c | 29.92 | + 06 | 52 | 49 | — 1 | NW | 4 | c | 59 | 46 | 0.01 | | | |
| Pembroke ... | 29.86 | 49 | NW | 1 | o | 29.84 | + 06 | 50 | 48 | + 1 | W | 3 | cv | 52 | 48 | 0.01 | | | |
| Scilly ... | 29.92 | 55 | WNW | 5 | 3 | 29.98 | + 07 | 53 | 50 | — 1 | WNW | 5 | c | 56 | 50 | — | | | |
| Prawle Point ... | 29.86 | 51 | WNW | 5 | o | 29.90 | + 09 | 54 | 51 | + 4 | WNW | 3 | 3 | 61 | 46 | — | | | |
| Hurst Castle ... | 29.80 | 55 | WNW | 5 | e | 29.84 | + 09 | 52 | 50 | — 2 | WNW | 2 | od | 60 | 50 | 0.09 | | | |
| Dover ... | 29.78 | 56 | E | 2 | 3 | 29.80 | + 11 | 56 | 52 | + 1 | WSW | 1 | 3 | 58 | 52 | 0.04 | | | |
| London... | 29.79 | 56 | WSW | 1 | r | 29.81 | + 07 | 55 | 52 | + 3 | NW | 2 | om | 58 | 49 | 0.29 | | | |
| Oxford ... | 29.79 | 57 | E | 4 | o | 29.83 | + 06 | 52 | 49 | + 2 | NW | 1 | omg | 61 | 50 | — | | | |
| Cambridge ... | 29.77 | 54 | S | 1 | o | 29.82 | + 07 | 50 | 50 | — 3 | N | 1 | o | 68 | 48 | 0.03 | | | |
| Yarmouth ... | 29.79 | 58 | NNE | 3 | c | 29.79 | + 07 | 52 | 49 | — 4 | NW | 2 | c | 58 | 48 | — | | | |
| The Helder ... | 29.75 | 58 | L | 0 | c | 29.76 | + 10 | 56 | 50 | — 2 | W | 3 | 3 | 59 | 52 | — | | | |
| Cape Griz Nez... | ? | 54 | NW | 3 | r | ? | ? | 54 | 54 | 0 | SE | 1 | r | 55 | 50 | 0.28 | | | |
| Jersey ... | 29.89 | 54 | W | 5 | 3 | 29.92 | + 12 | 50 | 51 | + 2 | WNW | 4 | c | 56 | 50 | 0.15 | | | |
| Brest ... | 30.00 | 54 | NW | 4 | o | 30.00 | + 09 | 53 | 50 | + 1 | NW | 4 | 3 | 59 | 48 | — | | | |
| Lorient ... | 29.99 | 56 | WNW | 7 | 3 | 30.02 | + 09 | 53 | 49 | 0 | NW | 5 | 3 | 61 | 48 | — | | | |
| Rochefort ... | 30.06 | 57 | WNW | 8 | c | 30.09 | + 12 | 56 | 52 | + 1 | N | 5 | c | 64 | 48 | 0.08 | | | |
| Biarritz ... | 30.12 | 58 | W | 5 | o | 30.09 | 00 | 56 | 51 | 0 | W | 7 | 0 | 57 | 52 | 0.28 | | | |
| Corunna ... | * | * | * | * | * | 29.81 | + 17 | 53 | 51 | — | ENE | 1 | r | 68 | 51 | 0.79 | | | |
| Brussels ... | * | * | * | * | * | 29.84 | + 19 | 50 | 47 | — 5 | SW | 4 | o | 61 | 48 | 0.20 | | | |
| Charleville ... | 29.76 | 57 | SW | 4 | o | 29.93 | + 18 | 50 | 50 | — 4 | SW | 3 | o | * | * | 0.04 | | | |
| Paris ... | 29.86 | 57 | SW | 3 | o | 29.93 | + 18 | 50 | 50 | — 4 | SW | 3 | o | * | * | 0.04 | | | |
| Lyons ... | 29.99 | 55 | NW | 1 | o | 30.03 | + 19 | 51 | 49 | — 2 | NW | 1 | o | 60 | 46 | 0.04 | | | |
| Toulon ... | 30.00 | 60 | NW | 8 | 3 | 30.08 | + 16 | 55 | 50 | + 2 | NNW | 5 | 3 | 62 | 52 | — | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.86 | 60 | W | 2 | 3 | 29.86 | 00 | 43 | 43 | — 14 | SSW | 3 | om | 64 | 42 | 0.05 | | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|----|----|----|----|-----|---|----|----|----|------|
| Hawes Junction | 29.86 | 60 | W | 2 | 3 | 29.86 | 00 | 43 | 43 | 14 | SSW | 3 | cm | 64 | 42 | 0.05 |
|----------------|-------|----|---|---|---|-------|----|----|----|----|-----|---|----|----|----|------|

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

† These Stations send Reports at 2 p.m. daily (Sundays excepted).

† Received too late for insertion in chart

Printed by D. B. Lath, London.

WEATHER CHARTS

for 8 a.m. on Thursday 5TH JUNE 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevailing winds. They fly with the wind and their heads and feathers refer to force, thus —

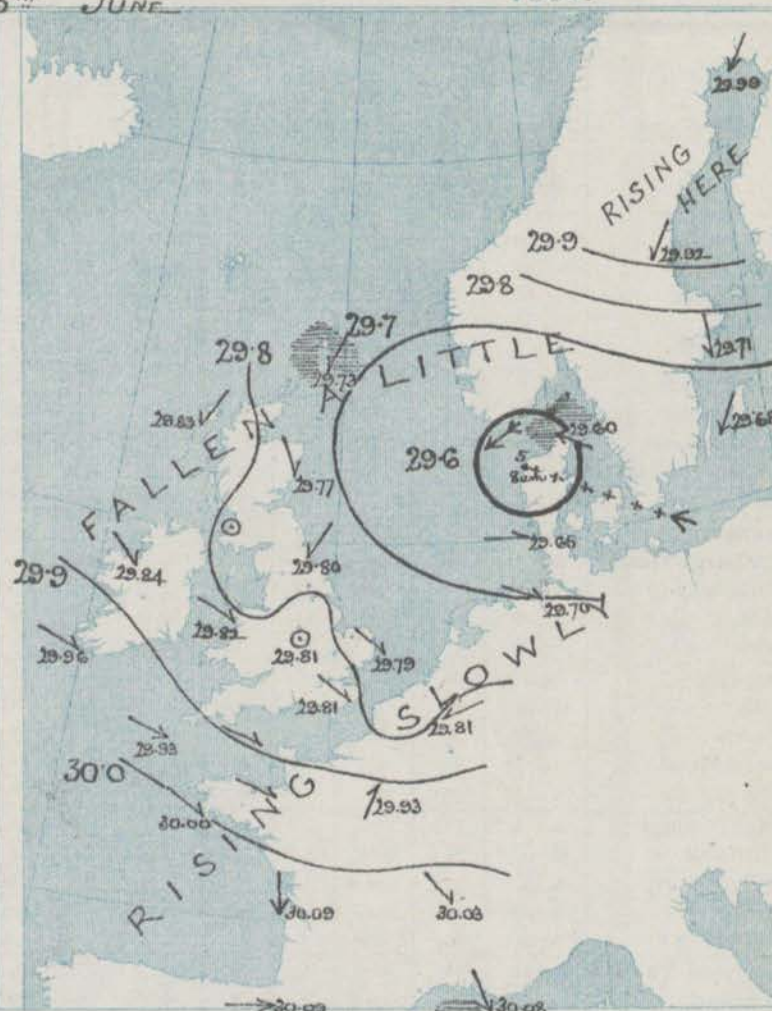
→ = forces above 10; → = forces 8 to 10;
→ = forces 5 to 7; → = forces 3 to 4;
○ = dead calm.

Sea Disturbance — where considerable is shown thus
— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|-----------------|---------------|
| Southburgh Head | 29.860 |
| Stornoway | 29.852 |
| Wick | 29.861 |
| Nairn | 29.863 |
| Aberdeen | 29.876 |
| Leith | 29.887 |
| Shields | 29.816 |
| York | 29.846 |
| Ardrossan | 29.855 |
| Donaghadee | 29.892 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.928 |
| Roches Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.982 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.950 |
| Yarmouth | 29.956 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|-----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Southburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 51.2 | 51.7 | 3.03 |
| Wick | 51.3 | 50.7 | 1.69 |
| Nairn | 51.8 | 50.8 | 2.00 |
| Aberdeen | 51.6 | 51.1 | 1.87 |
| Leith | 55.4 | 53.1 | 1.96 |
| Shields | 55.2 | 51.9 | 1.78 |
| York | 55.6 | 53.2 | 2.47 |
| Ardrossan | 55.6 | 52.1 | 2.77 |
| Donaghadee | 55.4 | 53.3 | 2.12 |
| Holyhead | 55.7 | 53.3 | 1.06 |
| Liverpool | 55.9 | 53.0 | 1.67 |
| Valencia | 55.9 | 53.9 | 3.52 |
| Roches Point | 55.8 | 53.6 | 3.36 |
| Pembroke | 55.7 | 53.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 1.69 |
| Hurst Castle | 58.1 | 55.9 | 1.98 |
| Dover | 58.1 | 55.5 | 1.76 |
| LONDON | 58.5 | 55.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 58.1 | 54.8 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Thursday 5th June*

1884. at 8 a.m.

In the course of the past twenty-four hours a well defined depression has advanced from the eastward to the south of Norway, while a small shallow disturbance has passed in a northerly direction along the coast of England, and the barometer has therefore fallen a little at our northern stations, while it has risen in the south. The wind is moderate or fresh from NE in Sweden and the north of Scotland, and light from N on our east coasts, but over Ireland, France and the south of England moderate Wth or NWth breezes are general. The weather is cloudy in most places, with rain at Ardrossan and York, and passing showers at Valencia. During yesterday rain fell at many of the English and Irish stations - heavily in some parts of London. Temperature has changed rather irregularly, and readings now range from 55° in London to 48° at Kilm. At Loughborough the maximum yesterday was as high as 71°, but in London the thermometer did not exceed 58°. The sea is moderate to smooth.

The depression off the south of Norway will probably continue to advance slowly towards our northern coasts, and, as the barometer still rises in the south of France the wind in our island is likely to draw into the Wth.

FORECASTS

for the 24 hours ending at NOON on *6th June* 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

*Varying Nth breezes, light, cloudy,
unsettled, some rain*

1 { SCOTLAND
EAST

-----D-----D-----D-----

2 { ENGLAND
N.E.

-----D-----D-----D-----

3 { ENGLAND
EAST

Same as N^o 5

4 { MIDLAND
COUNTIES

Same as N^o 5

5 { ENGLAND
SOUTH

*NWth or Wth breezes, light; fair on
the whole*

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

*Light breezes, chiefly NWth; cloudy,
some rain*

7 { ENGLAND
N.W.

-----D-----D-----D-----

8 { ENGLAND
S.W.

*NWth & Wth breezes, moderate; fair
on the whole*

9 { IRELAND
NORTH

-----D-----D-----D-----

10 { IRELAND
SOUTH

-----D-----D-----D-----

WARNINGS

None Issued

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
| Skudesnaes | 29.89 | 50 | 47 | SE | 2 | 0 | 3 | Valencia | 29.95 | 57 | 50 | WNW | 4 | bc | 5 |
| Samburgh Head | 29.81 | 50 | 44 | NE | 4 | 0 | 5 | Scilly | 29.92 | 50 | 52 | NW | 5 | bc | 4 |
| Stornoway | 29.84 | 53 | 51 | ENE | 6 | 0 | 5 | Dover | 29.93 | 57 | 54 | NE | 2 | c | 2 |
| Aberdeen | 29.83 | 52 | 48 | NNE | 3 | 0 | 1 | London | 29.77 | 58 | 53 | WNW | 1 | 0 | * |
| Shields | 29.87 | 50 | 47 | ENE | 1 | 0 | 3 | Yarmouth | 29.77 | 57 | 52 | N | 3 | 0 | 3 |
| Ardrossan | 29.78 | 39 | 55 | WNW | 1 | 0 | 1 | Jersey | 29.88 | 50 | 50 | W | 5 | b | 4 |
| Mullaghmore | 29.85 | 55 | 51 | NW | 2 | cV | 2 | Rocheport | 29.94 | 62 | 56 | NW | 8 | c | 4 |
| Holyhead | 29.82 | 59 | 55 | WNW | 3 | bc | 2 | | | | | | | | |

REMARKS.

The barometer continues to rise a little in most places, but no change has taken place in the winds. The rain in London has ceased and fair weather is still reported at the majority of our stations. The sea is rather rough at Samburgh Head, Stornoway and Valencia, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Friday 6th June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|---|--------------------|--------|----------------------|----------|---|---|-------------|------|---|--------|----------------------|-------------------|-------------|------|---------------------------|----------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Direc. | Force, (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force, (0 to 12). | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.73 | 48 | W | 2 | b | 29.95 | -.04 | 51 | 44 | + 3 | NE | 2 | b | 63 | 36 | — | | | |
| Hernösand ... | 29.90 | 48 | NE | 6 | b | 29.84 | -.08 | 49 | 44 | + 1 | NE | 8 | bc | 55 | 41 | — | | | |
| Stockholm ... | 29.65 | 54 | N | 4 | r | 29.54 | -.17 | 53 | 61 | + 4 | NE | 4 | o | 55 | 41 | 0.35 | | | |
| Wisby ... | 29.57 | 45 | N | 5 | r | 29.45 | -.16 | 45 | 45 | - 1 | NE | 4 | f | 48 | 43 | 0.59 | | | |
| Bodö | 29.96 | 48 | NNE | 2 | b | 29.85 | -.16 | 50 | 42 | + 3 | ENE | 4 | b | 52 | 41 | — | | | |
| Christiansund ... | 29.74 | 52 | NE | 3 | b | 29.65 | -.14 | 61 | 51 | + 9 | ESE | 3 | b | 61 | 46 | — | | | |
| Skudesnes ... | 29.66 | 50 | ESE | 2 | r | 29.71 | + .07 | 58 | 47 | - 2 | SE | 4 | c | 52 | 38 | — | | | |
| Oxö (Ålvsund) ... | 29.66 | 51 | SW | 4 | b | 29.68 | + .12 | 48 | 46 | - 2 | NNW | 2 | b | 54 | 43 | 0.12 | | | |
| Skagen (The Skaw) | 29.68 | 52 | NNW | 2 | b | 29.68 | + .08 | 55 | 49 | - 1 | NNW | 4 | b | 64 | 46 | — | | | |
| Fanö ... | 29.74 | 46 | WSW | 1 | b | 29.74 | + .02 | 60 | 52 | + 4 | WSW | 4 | bc | ? | 46 | — | | | |
| Cuxhaven ... | 29.80 | 55 | NNW | 2 | b | 29.81 | + .11 | 59 | 55 | + 3 | NNW | 2 | b | ? | 48 | 0.04 | | | |
| Sumburgh Head | 29.69 | 51 | NE | 3 | c | 29.64 | -.11 | 50 | 47 | + 1 | ESE | 2 | bc | 54 | 46 | 0.01 | | | |
| Stornoway ... | 29.77 | 51 | NNE | 5 | b | 29.70 | -.13 | 52 | 49 | + 2 | NE | 3 | c | 50 | 42 | 0.01 | | | |
| Wick ... | 29.73 | 50 | NNE | 2 | bc | 29.64 | -.13 | 49 | 48 | - 1 | N | 3 | o | 51 | 42 | 0.08 | | | |
| Nairn ... | 29.74 | 52 | Z | 0 | bc | 29.69 | -.13 | 50 | 46 | + 2 | Z | 0 | b | 57 | 39 | — | | | |
| Aberdeen ... | 29.73 | 52 | S | 3 | c | 29.68 | -.09 | 54 | 48 | + 5 | N | 1 | b | 57 | 38 | — | | | |
| Leith ... | 29.72 | 52 | NNW | 1 | c | 29.66 | -.14 | 49 | 47 | 0 | E | 1 | om | 52 | 46 | 0.37 | | | |
| Shields ... | 29.77 | 48 | E | 1 | r | 29.68 | -.12 | 54 | 50 | + 5 | W | 2 | o | 54 | 44 | 0.12 | | | |
| Spurn Head ... | 29.76 | 49 | ESE | 3 | o | 29.71 | -.08 | 50 | 51 | + 3 | NNW | 2 | bc | 53 | 47 | 0.10 | | | |
| York ... | 29.87 | 51 | S | 1 | o | 29.71 | -.10 | 55 | 51 | + 9 | NNW | 2 | bc | 55 | 44 | 0.11 | | | |
| Loughborough... | 29.78 | 54 | WSW | 1 | o | 29.75 | -.06 | 54 | 51 | + 3 | W | 2 | om | 52 | 48 | — | | | |
| Ardrossan ... | 29.72 | 55 | Z | 0 | o | 29.66 | -.13 | 48 | 47 | - 1 | Z | 0 | dm | 57 | 46 | 0.04 | | | |
| Mullaglimore ... | 29.93 | 52 | NNW | 5 | o | 29.73 | -.11 | 49 | 46 | - 3 | NNW | 5 | o | 56 | 47 | 0.05 | | | |
| Donaghadee ... | 29.78 | 52 | NNW | 2 | o | 29.71 | -.13 | 49 | 48 | - 3 | NNW | 2 | o | 55 | 45 | 0.04 | | | |
| Parsonstown ... | 29.85 | 54 | NNW | 2 | o | 29.88 | + .10 | 45 | 42 | - 6 | W | 1 | o | 57 | 42 | 0.03 | | | |
| Barrow-in-Furness | 29.76 | 52 | W | 2 | bc | 29.71 | -.05 | 50 | 49 | - 2 | NNW | 3 | bc | 54 | 49 | 0.04 | | | |
| Holyhead ... | 29.81 | 55 | SW | 3 | c | 29.76 | -.06 | 52 | 49 | - 2 | NNW | 2 | bc | 6 | 49 | 0.04 | | | |
| Liverpool (Bidsay) | 29.79 | 50 | NNW | 3 | bc | 29.74 | -.06 | 51 | 49 | 0 | W | 3 | bc | 56 | 50 | 0.02 | | | |
| Valencia ... | 29.91 | 52 | W | 3 | o | 29.84 | -.12 | 48 | 47 | - 4 | NNW | 3 | o | 58 | 46 | 0.09 | | | |
| Roche's Point ... | 29.91 | 55 | NNW | 4 | c | 29.84 | -.08 | 51 | 48 | - 1 | NW | 4 | c | 59 | 45 | 0.02 | | | |
| Pembroke ... | 29.83 | 52 | W | 4 | c | 29.79 | -.05 | 50 | 48 | 0 | NNW | 2 | c | 54 | 49 | — | | | |
| Scilly ... | 29.93 | 54 | NNW | 5 | c | 29.87 | -.06 | 53 | 49 | 0 | NNW | 5 | c | 55 | 48 | 0.02 | | | |
| Prawle Point ... | 29.88 | 52 | W | 4 | c | 29.84 | -.04 | 52 | 50 | - 2 | W | 3 | bc | 56 | 46 | — | | | |
| Hurst Castle ... | 29.84 | 55 | WSW | 5 | b | 29.80 | -.04 | 54 | 51 | + 2 | NNW | 4 | bc | 59 | 49 | 0.03 | | | |
| Dover ... | 29.79 | 56 | W | 2 | or | 29.75 | -.05 | 50 | 50 | - 3 | W | 3 | b | 62 | 49 | 0.15 | | | |
| London ... | 29.82 | 52 | S | 1 | om | 29.77 | -.04 | 49 | 48 | - 6 | W | 1 | r | 60 | 47 | 0.87 | | | |
| Oxford ... | 29.80 | 51 | Z | 0 | r | 29.77 | -.06 | 50 | 49 | - 2 | W | 1 | ogr | 57 | 48 | 0.7 | | | |
| Cambridge ... | 29.78 | 54 | SW | 1 | r | 29.73 | -.04 | 51 | 51 | + 1 | NNW | 1 | o | 62 | 49 | 0.66 | | | |
| Yarmouth ... | 29.80 | 54 | SE | 2 | c | 29.74 | -.05 | 50 | 51 | + 1 | SSW | 1 | o | 55 | 49 | — | | | |
| The Helder ... | 29.80 | 52 | WSW | 1 | c | 29.78 | + .02 | 51 | 50 | - 5 | S | 1 | r | 55 | 48 | — | | | |
| Cape Griz Nez... | ? | 52 | NNW | 7 | o | ? | ? | 52 | 51 | - 2 | SSW | 4 | c | 57 | 50 | 0.04 | | | |
| Jersey ... | 29.92 | 52 | W | 5 | bc | 29.87 | -.05 | 52 | 50 | - 1 | W | 4 | c | 57 | 48 | 0.02 | | | |
| Brest ... | 30.01 | 54 | NNW | 4 | o | 29.95 | -.05 | 51 | 48 | - 2 | NNW | 4 | o | 55 | 48 | — | | | |
| Lorient ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | | | |
| Rocheport ... | 30.12 | 59 | NNW | 5 | c | 30.09 | -.00 | 58 | 51 | - 1 | NNW | 5 | o | 64 | 46 | 0.24 | | | |
| Biarritz ... | 30.12 | 58 | NNW | 4 | o | 30.16 | + .07 | 57 | 52 | + 1 | N | 4 | c | 61 | 54 | 0.08 | | | |
| Corunna ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | | | |
| Brussels ... | ? | ? | ? | ? | ? | 29.88 | + .02 | 50 | 49 | 0 | SSW | 4 | bc | 59 | 47 | 0.08 | | | |
| Charleville ... | 29.86 | 52 | SSW | 3 | c | 29.89 | + .05 | 50 | 47 | 0 | W | 5 | o | ? | 46 | 0.35 | | | |
| Paris ... | 29.94 | 55 | SW | 3 | c | 29.93 | -.00 | 54 | 51 | 0 | S | 3 | c | ? | ? | 0.12 | | | |
| Lyons ... | 30.01 | 59 | N | 1 | bc | 30.06 | + .03 | 50 | 47 | - 1 | NNW | 1 | o | 65 | 49 | 0.08 | | | |
| Toulon ... | 30.09 | 59 | NNW | 5 | bc | 30.08 | + .05 | 53 | 48 | - 2 | NNW | 5 | c | 63 | 50 | — | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.55 | 48 | W | 2 | o | 28.48 | -.08 | 47 | 45 | + 4 | WSW | 2 | c | 51 | 42 | 0.12 | | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|------|----|----|-----|-----|---|---|----|----|------|--|
| Hawes Junction | 28.55 | 48 | W | 2 | o | 28.48 | -.08 | 47 | 45 | + 4 | WSW | 2 | c | 51 | 42 | 0.12 | |
|----------------|-------|----|---|---|---|-------|------|----|----|-----|-----|---|---|----|----|------|--|

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; i. 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

WEATHER CHARTS

for 8 a.m. on Friday 6th JUNE

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

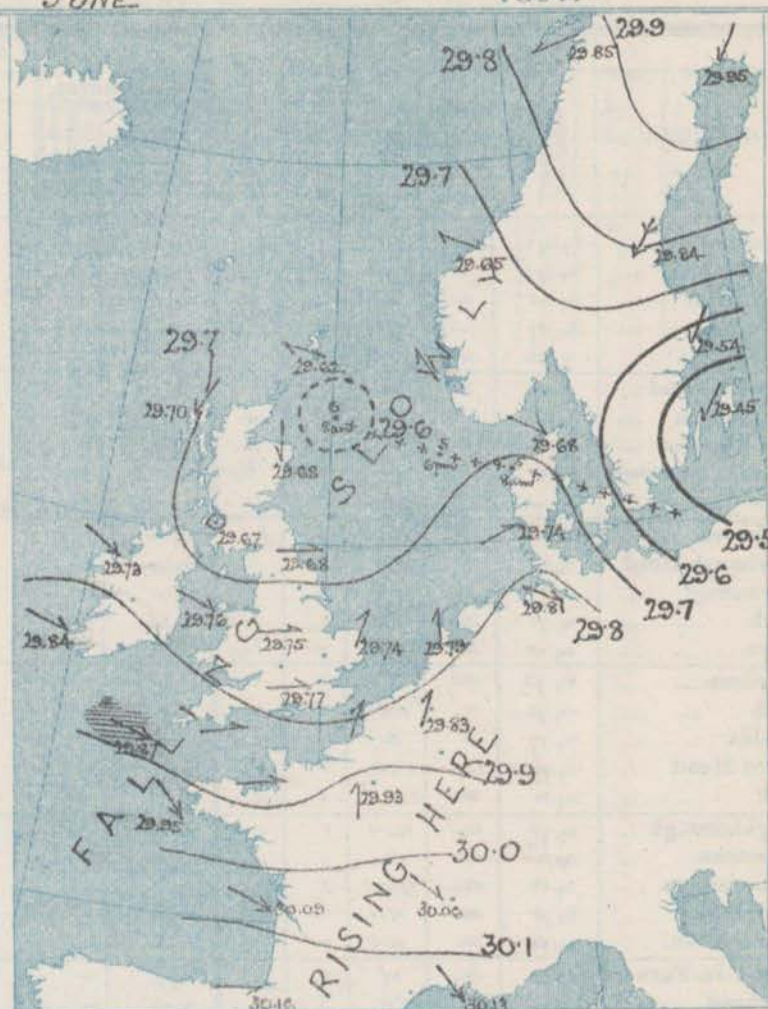
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ⊙ = dead calm.

Sea Disturbance — where considerable is shown thus
 [Symbol] = Rough. [Symbol] = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.881 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.935 |
| Donaghadee | 29.938 |
| Holyhead | 29.928 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roche's Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.958 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.
Weather — is shown by Letters of the Beaufort Scale.
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 48.1 | 2.04 |
| Stornoway | 50.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.59 |
| Nairn | 54.8 | 50.8 | 2.00 |
| Aberdeen | 59.8 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.96 |
| Shields | 55.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 55.6 | 52.1 | 2.77 |
| Donaghadee | 56.4 | 53.3 | 2.72 |
| Holyhead | 55.7 | 53.3 | 1.98 |
| Liverpool | 56.9 | 53.0 | 1.87 |
| Valencia | 56.9 | 53.9 | 3.62 |
| Roche's Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.9 | 53.2 | 4.07 |
| Scilly | 57.2 | 55.2 | 1.89 |
| Hurst Castle | 58.1 | 55.9 | 1.96 |
| Dover | 58.1 | 55.5 | 1.76 |
| LONDON | 59.5 | 56.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 56.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.9 | 2.12 |

NOTE: The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Friday 6th June* 1884, at 8 a.m.

Barometrical pressure is still highest over the south of France, and, while the small depression noticed off the south of Norway yesterday has moved westwards to the north of Scotland, a new disturbance has appeared over the Baltic. In addition to these there is apparently a very shallow depression over the south-east of England. The wind is E³ or NE³ in Scandinavia and the north of Scotland, but over the greater part of England, Ireland and France it is moderate from W. or NW. The weather varies greatly in different localities, but at the majority of stations the sky is cloudy, and at Oxford and in London steady rain is falling. In the course of the past twenty-four hours rain has fallen generally; in most instances the fall has been slight, but in London as well as at Oxford and Cambridge it has been considerable. In the London district alone great variations have been observed, for while at Brixton the total for the twenty-four hours ending 8 a.m. today was only 0.57 in. at the Meteorological Office the amount registered in the twenty-four hours ending 10 a.m. was as much as 1.29 in. Thunder and lightning occurred yesterday at Loughborough and also in London. Temperature ranges from 55° at York to 45° at Larnestown. The sea is rather rough at Scilly, slight or smooth elsewhere.

The small depression in the north is likely to continue to move westwards, but the distribution of pressure is still favourable for the development of shallow local disturbances over England.

FORECASTS

For the 24 hours ending at NOON on *7th June* 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|---|-----------------------|---|
| 0 { SCOTLAND NORTH | <i>Light breezes, chiefly Nth; changeable, Some rain</i> | 6 { SCOTLAND WEST | <i>Same as N^{os} 0 + 1</i> |
| 1 { SCOTLAND EAST | -----D-----D-----D----- | 7 { ENGLAND N W | <i>Nth winds, slight; fair on the whole</i> |
| 2 { ENGLAND N.E. | <i>Nth & NWth winds, light; changeable, Some rain</i> | 8 { ENGLAND S.W. | -----D-----D-----D----- |
| 3 { ENGLAND EAST | -----D-----D-----D----- | 9 { IRELAND NORTH | <i>Nth winds, moderate; cloudy, some rain.</i> |
| 4 { MIDLAND COUNTIES | -----D-----D-----D----- | 10 { IRELAND SOUTH | -----D-----D-----D----- |
| 5 { ENGLAND SOUTH | <i>Nth winds, moderate; weather improving somewhat, but conditions still unsettled</i> | WARNINGS | <i>None Issued</i> |

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

| RESIDUALS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---------------------------------------|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Woa. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Woa. | Sea. |
| Skudesnaes | 29.66 | 57 | 48 | ESE | 4 | 0 | 3 | Valencia | 29.93 | 56 | 52 | WNW | 4 | c | 4 |
| Sumburgh Head | 29.63 | 58 | 49 | NE | 2 | c | 5 | Scilly | 29.94 | 55 | 51 | WNW | 5 | c | 4 |
| Stornoway | 29.58 | 53 | 48 | NE | 5 | f | 4 | Dover | 29.83 | 61 | 56 | SW | 2 | b | 1 |
| Aberdeen | 29.73 | 55 | 49 | N | 4 | bc | 2 | London | 29.80 | 56 | 53 | L | 0 | or | * |
| Shields | 29.77 | 58 | 45 | NE | 2 | 0 | 4 | Yarmouth | 29.80 | 54 | 51 | ENE | 2 | c | 3 |
| Ardrossan | 29.75 | 55 | 52 | L | 0 | 0 | 0 | Jersey | 29.73 | 55 | 52 | W | 5 | bc | 4 |
| Mullaghmore | 29.85 | 54 | 50 | WNW | 5 | 0 | 4 | Rochefort | 30.12 | 61 | 56 | WNW | 4 | 0 | 2 |
| Holyhead | 29.82 | 59 | 53 | WNW | 2 | bc | 1 | | | | | | | | |

REMARKS.

The change in pressure since the morning have been slight, but a small local disturbance has appeared near London, and is causing rain both there and at Yarmouth. The winds are very little changed. The sea is rather rough off the Shetlands, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Saturday 7th June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----|----------------|----------|----------------|------|---------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | | Sea. (0 to 9). | Weather. | 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 | 29.88 | 51 | NE | 2 | b | | 29.89 | -.06 | 52 | 44 | + | E | 4 | b | • | | 64 | 34 | — |
| Hernösand ... | 29.75 | 52 | NE | 6 | o | | 29.68 | -.16 | 50 | 46 | + | NE | 2 | o | • | | 57 | 45 | — |
| Stockholm ... | 29.47 | 50 | E | 2 | r | | 29.49 | -.05 | 50 | 50 | — | ESE | 2 | f | • | | 57 | 45 | 0.24 |
| Wisby ... | 29.49 | 45 | W | 4 | r | | 29.52 | +.07 | 48 | 48 | + | W | 6 | o | • | | 48 | 41 | 0.32 |
| Bodö ... | 29.77 | 55 | Z | 0 | c | | 29.75 | -.10 | 50 | 47 | — | NNW | 4 | b | • | | 55 | 46 | — |
| Christiansund ... | 29.67 | 51 | SW | 4 | c | | 29.67 | +.02 | 50 | 46 | — | SSW | 1 | f | • | | 64 | 45 | — |
| † Skudesnaes ... | 29.74 | 51 | WNW | 2 | bc | | 29.63 | -.08 | 50 | 49 | — | WNW | 6 | r | • | | 55 | 50 | — |
| Öxö (Ålesund) ... | 29.64 | 55 | W | 4 | c | | 29.56 | -.14 | 50 | 49 | + | W | 2 | bc | • | | 55 | 46 | — |
| Skagen (The Skaw) | 29.59 | 52 | WNW | 4 | o | | 29.58 | -.10 | 55 | 50 | — | WNW | 3 | c | • | | 57 | 50 | — |
| Fanö ... | 29.74 | 47 | WNW | 1 | b | | 29.69 | -.05 | 55 | 50 | — | Z | 0 | c | • | | 61 | 42 | — |
| Cuxhaven ... | 29.81 | 57 | N | 2 | bc | | 29.75 | -.06 | 56 | 54 | — | SW | 2 | bc | • | | 59 | 48 | — |
| † Sumburgh Head | 29.66 | 50 | E | 1 | bc | | 29.70 | +.11 | 51 | 48 | + | NE | 2 | bc | • | | 54 | 42 | — |
| † Stornoway ... | 29.67 | 52 | ENE | 3 | o | | 29.74 | +.04 | 52 | 50 | — | NE | 3 | c | • | | 55 | 43 | — |
| Wick ... | 29.67 | 51 | S | 1 | o | | 29.75 | +.11 | 54 | 52 | + | Z | 0 | c | • | | 54 | 45 | 0.23 |
| Nairn ... | 29.69 | 56 | ENE | 1 | bc | | 29.70 | +.04 | 51 | 49 | + | SW | 1 | c | • | | 61 | 48 | 0.07 |
| † Aberdeen ... | 29.67 | 50 | SSE | 2 | b | | 29.73 | +.05 | 54 | 51 | — | NE | 2 | b | • | | 59 | 48 | — |
| Leith ... | 29.66 | 50 | NE | 1 | c | | 29.72 | +.06 | 52 | 50 | + | NE | 1 | cm | • | | 50 | 43 | 0.09 |
| † Shields ... | 29.67 | 50 | E | 1 | r | | 29.69 | +.01 | 50 | 49 | — | NNE | 2 | o | • | | 55 | 47 | 0.08 |
| Spurn Head ... | 29.67 | 52 | WNW | 3 | r | | 29.61 | -.10 | 50 | 52 | — | ENE | 3 | c | • | | 57 | 49 | 0.07 |
| York ... | 29.80 | 54 | S | 1 | o | | 29.82 | +.07 | 52 | 51 | — | N | 1 | o | • | | 65 | 49 | 0.01 |
| Loughborough ... | 29.69 | 51 | SE | 2 | r | | 29.61 | -.14 | 50 | 49 | — | NNW | 2 | cm | • | | 63 | 45 | 0.12 |
| † Ardrossan ... | 29.66 | 54 | SSW | 1 | cv | | 29.71 | +.05 | 55 | 52 | + | WNW | 1 | c | • | | 55 | 43 | — |
| † Mullaghmore ... | 29.72 | 52 | N | 5 | ov | | 29.81 | +.08 | 51 | 48 | + | NNW | 5 | o | • | | 55 | 47 | 0.11 |
| Donaghadee ... | 29.69 | 53 | E | 1 | o | | 29.74 | +.03 | 53 | 50 | + | E | 3 | b | • | | 54 | 45 | — |
| Parsonstown ... | 29.72 | 47 | WNW | 1 | r | | 29.82 | +.02 | 51 | 48 | + | NW | 1 | o | • | | 58 | 41 | 0.10 |
| Barrow-in-Furness | 29.67 | 55 | NW | 2 | b | | 29.65 | -.06 | 55 | 52 | + | N | 1 | o | • | | 57 | 48 | — |
| † Holyhead ... | 29.70 | 54 | SW | 2 | c | | 29.71 | -.05 | 56 | 52 | + | NNW | 4 | bc | • | | 59 | 47 | — |
| Liverpool (Bidston) | 29.68 | 53 | WNW | 1 | b | | 29.67 | -.07 | 52 | 50 | — | N | 1 | o | • | | 58 | 49 | 0.03 |
| † Valencia ... | 29.79 | 51 | NNW | 4 | op | | 29.94 | +.15 | 52 | 49 | + | NNW | 4 | c | • | | 56 | 45 | 0.25 |
| Roche's Point .. | 29.78 | 51 | NW | 4 | c | | 29.83 | +.01 | 52 | 48 | + | N | 5 | c | • | | 55 | 46 | 0.08 |
| Pembroke ... | 29.70 | 49 | WNW | 3 | c | | 29.70 | -.09 | 51 | 48 | + | NNW | 4 | c | • | | 53 | 46 | 0.04 |
| † Scilly ... | 29.75 | 48 | NW | 2 | op | | 29.76 | -.11 | 50 | 50 | — | NNW | 6 | c | • | | 54 | 46 | 0.16 |
| Prawle Point ... | 29.70 | 47 | SSW | 1 | r | | 29.68 | -.16 | 46 | 46 | — | NNW | 3 | r | • | | 65 | 40 | 0.22 |
| Hurst Castle ... | 29.73 | 54 | WSW | 6 | o | | 29.61 | -.12 | 47 | 46 | — | WNW | 5 | c | • | | 60 | 44 | 0.04 |
| † Dover ... | 29.71 | 54 | W | 3 | bc | | 29.55 | -.16 | 50 | 47 | — | WSW | 4 | bc | • | | 58 | 48 | 0.24 |
| † London ... | 29.41 | 52 | SSE | 1 | c | | 29.55 | -.12 | 48 | 48 | — | ENE | 1 | op | • | | 50 | 46 | 0.81 |
| Oxford ... | 29.67 | 51 | W | 1 | o | | 29.56 | -.11 | 50 | 49 | — | NE | 3 | o | • | | 60 | 47 | 0.24 |
| Cambridge ... | 29.69 | 55 | NW | 1 | r | | 29.57 | -.16 | 54 | 51 | + | E | 1 | o | • | | 58 | 44 | 0.04 |
| † Yarmouth ... | 29.69 | 54 | WSW | 1 | c | | 29.59 | -.15 | 54 | 51 | + | SE | 3 | bc | • | | 63 | 49 | 0.01 |
| The Helder ... | 29.72 | 54 | S | 1 | c | | 29.64 | -.08 | 50 | 51 | + | S | 1 | o | • | | 61 | 46 | 0.16 |
| Cape Griz Nez ... | ? | 53 | WSW | 7 | c | | ? | ? | 52 | 50 | — | SW | 5 | o | • | | 55 | 50 | 0.32 |
| † Jersey ... | 29.78 | 51 | SSW | 3 | cm | | 29.69 | -.09 | 51 | 48 | — | WNW | 6 | bc | • | | 57 | 45 | 0.30 |
| Brest ... | 29.80 | 51 | WNW | 5 | r | | 29.80 | -.05 | 51 | 47 | — | NW | 5 | bc | • | | 55 | 46 | 0.16 |
| Lorient ... | 29.69 | 52 | WNW | 7 | r | | 29.82 | +.13 | 51 | 47 | — | NW | 7 | bc | • | | 61 | 46 | 0.24 |
| † Rochefort ... | 30.06 | 59 | W | 4 | bc | | 29.91 | -.15 | 55 | 50 | — | WNW | 9 | r | • | | 64 | 42 | 0.39 |
| Biarritz ... | 30.12 | 59 | W | 4 | bc | | 30.00 | -.12 | 57 | 54 | — | SW | 5 | o | • | | 61 | 52 | — |
| Corunna ... | • | • | • | • | • | | • | • | • | • | • | • | • | • | • | | • | • | • |
| Brussels ... | • | • | • | • | • | | 29.63 | -.20 | 51 | 50 | — | SSE | 2 | r | • | | 58 | 48 | 0.28 |
| Charleville ... | 29.83 | 53 | SSW | 5 | r | | 29.70 | -.13 | 50 | 47 | — | WSW | 5 | r | • | | 59 | 49 | 0.20 |
| Paris ... | 29.85 | 58 | S | 3 | b | | 29.71 | -.14 | 53 | 49 | — | SW | 3 | bc | • | | • | • | 0.32 |
| Lyons ... | 30.00 | 56 | SE | 1 | c | | 29.96 | -.04 | 57 | 49 | + | S | 2 | r | • | | 65 | 50 | 0.08 |
| Toulon ... | • | • | • | • | • | | • | • | • | • | • | • | • | • | • | | • | • | • |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|--|-------|------|----|----|---|---|---|----|---|--|----|----|------|
| Hawes Junction | 28.45 | 54 | NW | 1 | b | | 28.45 | -.03 | 48 | 46 | + | N | 2 | bc | • | | 55 | 43 | 0.01 |
|----------------|-------|----|----|---|---|--|-------|------|----|----|---|---|---|----|---|--|----|----|------|

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

WEATHER CHARTS

for 8 a.m. on Saturday 7th JUNE

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; → = forces 8 to 10;
→ = forces 5 to 7; → = forces 4 to 5;
○ = dead calm.

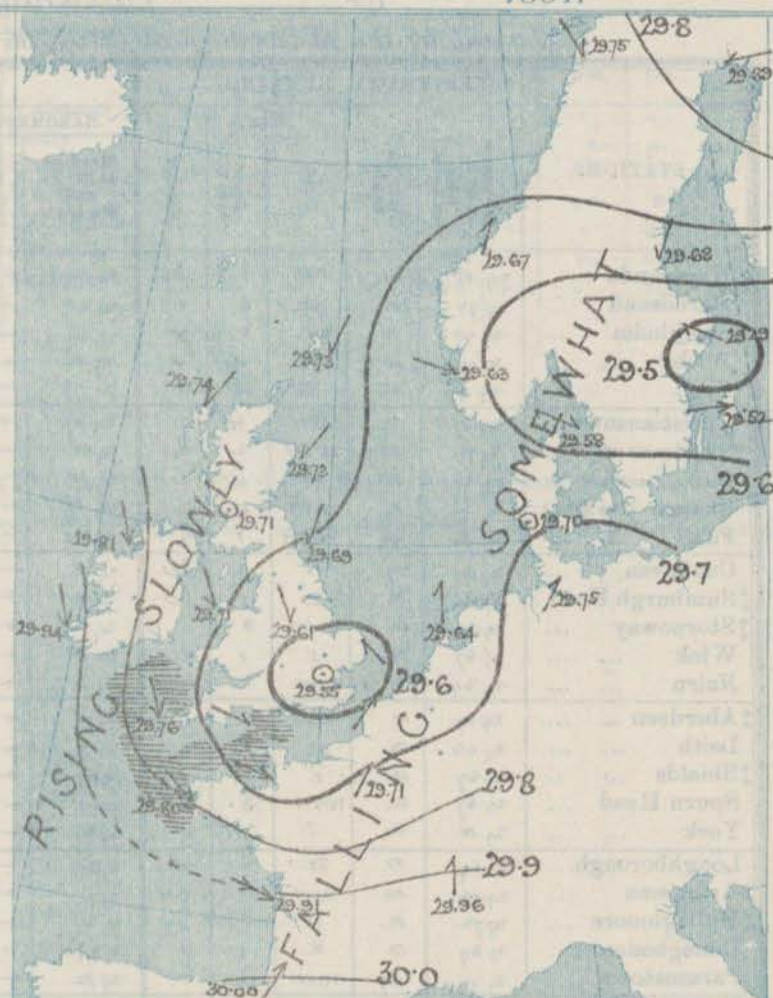
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.866 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.936 |
| Donaghadee | 29.938 |
| Ballyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roches Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.926 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

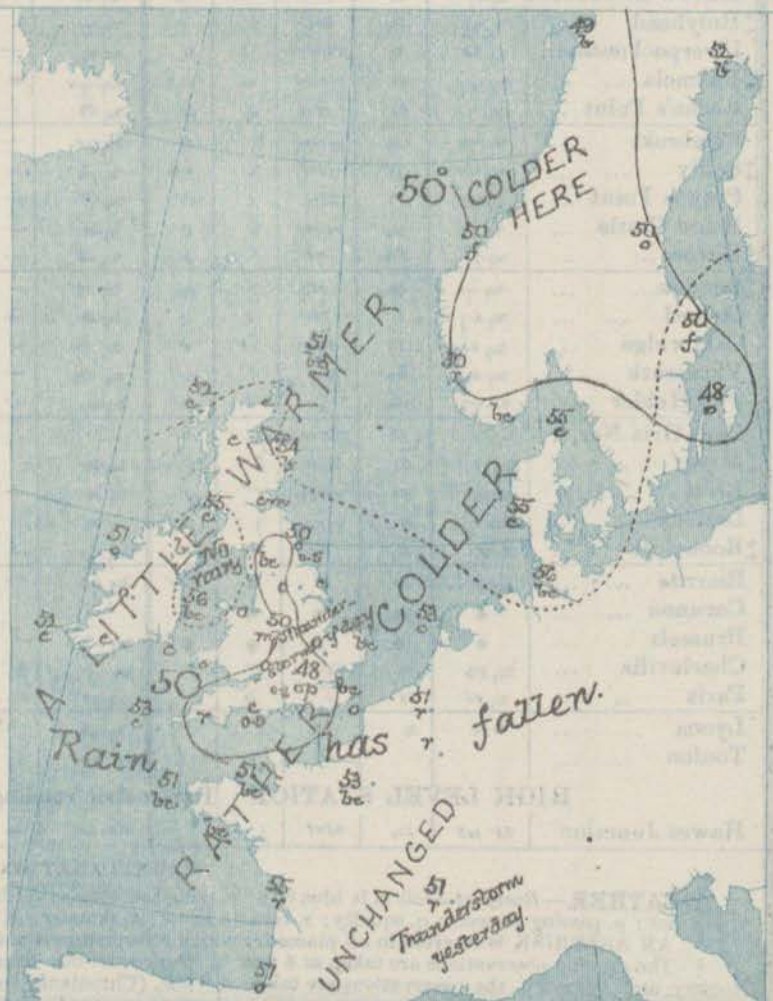
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 50.1 | 2.04 |
| Stornoway | 53.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.50 |
| Nairn | 53.4 | 50.4 | 2.00 |
| Aberdeen | 54.8 | 54.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.96 |
| Shields | 55.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.42 |
| Ardrossan | 56.6 | 52.1 | 2.77 |
| Donaghadee | 55.4 | 53.3 | 2.12 |
| Ballyhead | 55.7 | 53.3 | 1.88 |
| Liverpool | 58.9 | 54.0 | 1.87 |
| Valencia | 56.0 | 53.9 | 3.52 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.4 | 52.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 7.89 |
| Hurst Castle | 58.1 | 56.9 | 1.98 |
| Dover | 59.7 | 55.5 | 1.76 |
| LONDON | 59.5 | 55.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 56.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1868—80.



REMARKS.

for *Saturday 7th June* 1884. at 8 a.m.

This distribution of pressure is still rather irregular. The depression noticed off the north of Scotland yesterday has disappeared but a new one has advanced to the neighbourhood of Stockholm. In the meantime the small local disturbances over England have resolved themselves into one well defined system, the centre of which now lies near London. On our western and northern coast the barometer is rising, pretty steadily, but elsewhere it continues to fall. The wind is light from NE in Scotland, fresh from N. or NW. on our west and south-west coasts, strong from W. in the Bay of Biscay, and moderate from SW. in the east of France. Over Scandinavia a separate circulation is shown round the depression near Stockholm. The weather is fair in the west and north, but unsettled and showery elsewhere. In the course of the past 24 hours rain has fallen generally. In the south east of England the amounts have again been heavy, locally, the largest being 0.9 in. at Hurst Castle and 0.8 in. in London. Thunderstorms occurred yesterday at Loughbor' and Cambridge. Temperature remains low for the time of year, readings at present ranging from 56° at Holyhead to 46° at Prawle Point. The sea is rather rough at the mouth of the Channel, moderate to smooth elsewhere.

The depression over the south-east of England is likely to move away in an E^{ly} or a SE^{ly} direction, and an improvement in the weather is therefore probable.

FORECASTS

for the 24 hours ending at NOON on 8th June 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

N^{ly} & NE^{ly} winds, light; fair generally.

1 { SCOTLAND
EAST

.....D.....D.....D.....

2 { ENGLAND
N.E.

.....D.....D.....D.....

3 { ENGLAND
EAST

E^{ly} or NE^{ly} winds, light; changeable, showery.

4 { MIDLAND
COUNTIES

.....D.....D.....D.....

5 { ENGLAND
SOUTH

Wind drifting to N. or N.; showery to fair

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

N^{ly} or NW^{ly} winds, moderate; fair generally

7 { ENGLAND
N.W.

.....D.....D.....D.....

8 { ENGLAND
S.W.

N^{ly} & NW^{ly} winds, moderate or fresh; fair generally, but probably some showers

9 { IRELAND
NORTH

.....D.....D.....D.....

10 { IRELAND
SOUTH

.....D.....D.....D.....

WARNINGS

None Issued

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

| PRESIDENTIALS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wca. | Sea. |
| Skudesnaes | 29.73 | 55 | 51 | WSH | 4 | bc | 2 | Valencia | 29.87 | 55 | 50 | NW | 4 | bc | 4 |
| Sumburgh Head | 29.64 | 51 | 47 | ESE | 2 | bc | 4 | Scilly | 29.79 | 50 | 48 | WSH | 2 | r | 4 |
| Stornoway | 29.67 | 54 | 51 | NW | 3 | om | 2 | Dover | 29.74 | 53 | 51 | W | 3 | or | 2 |
| Aberdeen | 29.67 | 54 | 48 | SSE | 4 | bc | 1 | London | 29.74 | 55 | 51 | WSH | 2 | or | 4 |
| Shields | 29.66 | 53 | 51 | SE | 2 | c | 3 | Yarmouth | 29.71 | 54 | 52 | S | 2 | c | 3 |
| Ardrossan | 29.67 | 54 | 50 | Z | 0 | 0 | 0 | Jersey | 29.85 | 55 | 51 | W | 5 | c | 4 |
| Mullaghmore | 29.72 | 52 | 50 | NW | 4 | o/p | 3 | Rockefort | 30.10 | 60 | 54 | NW | 8 | 0 | 4 |
| Holyhead | 29.72 | 59 | 53 | W | 2 | 0 | 1 | | | | | | | | |

REMARKS.

The barometer continues to fall slightly in nearly all parts of our islands. SE¹ and S² breeze have set in on our East coasts, but in the west and south the wind is still NW¹ or W¹. Rain is falling at Scilly, Dover and in London. The sea is rather rough at Scilly, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Sunday* *8th* *June* *1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|------------------|----------------|-------------|------|----------------|---------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | | | |
| | | | Dirct. | 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. | Dirct. | Force. (0 to 12) | | Weather. | Max. | Min. | Amount of Rainfall. | |
| Haparanda | 29.68 | 54 | Z | 0 | 0 | 29.58 | - .31 | 48 | 47 | - 4 | Z | 0 | 2 | 0 | 61 | 41 | 0.08 | |
| Hernösand ... | 29.61 | 45 | Z | 0 | r | 29.50 | - .18 | 47 | 46 | - 3 | E | 2 | r | 0 | 55 | 43 | 0.17 | |
| Stockholm ... | 29.62 | 51 | WSW | 2 | b | 29.69 | + .20 | 59 | 54 | + 9 | SW | 2 | b | 0 | ? | 46 | 0.04 | |
| Wisby ... | 29.64 | 51 | SSW | 6 | b | 29.69 | + .17 | 59 | 54 | + 11 | S | 4 | b | 0 | 61 | 43 | - | |
| Bodö ... | 29.76 | 46 | NNE | 4 | c | 29.72 | - .03 | 45 | 42 | - 4 | N | 4 | b | 2 | 52 | 41 | - | |
| Christiansund ... | 29.66 | 48 | NNE | 6 | 0 | 29.69 | + .02 | 45 | 40 | - 5 | NE | 4 | 0 | 5 | 52 | 41 | - | |
| † Skudesnaes ... | 29.54 | 50 | ESE | 2 | 0 | 29.58 | - .05 | 50 | 49 | + 3 | ESE | 2 | 0 | 2 | ? | 50 | - | |
| Oxö (Ålensund) ... | 29.50 | 50 | WSW | 4 | m | 29.58 | + .03 | 52 | 49 | - 1 | SSW | 4 | 0 | 1 | 59 | 46 | - | |
| Skagen (The Skaw) | 29.61 | 50 | W | 2 | b | 29.64 | + .06 | 50 | 49 | - 2 | Z | 0 | b | 0 | 59 | 45 | - | |
| Fanö ... | 29.65 | 48 | NNW | 2 | b | 29.59 | - .10 | 50 | 51 | - 2 | ESE | 4 | c | 0 | 61 | 46 | - | |
| Onsøy ... | 29.71 | 57 | NNE | 1 | bv | 29.69 | - .06 | 59 | 57 | + 3 | SW | 5 | bv | 0 | 59 | 48 | 0.15 | |
| † Sumburgh Head | 29.75 | 48 | NE | 4 | 0 | 29.74 | + .01 | 47 | 44 | - 4 | W | 4 | 0 | 5 | 51 | 43 | 0.02 | |
| † Stornoway ... | 29.84 | 50 | NE | 5 | b | 29.79 | + .18 | 47 | 44 | - 5 | N | 4 | 0 | 3 | 50 | 44 | - | |
| Wick ... | 29.80 | 52 | E | 2 | 0 | 29.81 | + .06 | 47 | 45 | - 7 | N | 4 | 0 | 3 | 59 | 44 | 0.03 | |
| Nairn ... | 29.79 | 54 | E | 2 | bv | 29.85 | + .12 | 47 | 45 | - 4 | NNW | 4 | 0 | 3 | 57 | 46 | - | |
| † Aberdeen ... | 29.75 | 54 | NNE | 3 | b | 29.75 | + .02 | 48 | 46 | - 6 | NNW | 5 | ap | 2 | 59 | 45 | 0.07 | |
| Leith ... | 29.74 | 50 | E | 1 | b | 29.80 | + .08 | 51 | 47 | - 1 | N | 1 | cm | 0 | 57 | 47 | 0.10 | |
| † Shields ... | 29.78 | 52 | NE | 2 | c | 29.77 | + .08 | 48 | 46 | - 2 | NNE | 2 | r | 3 | 55 | 44 | 0.14 | |
| Spurn Head ... | 29.66 | 50 | NNE | 3 | c | 29.72 | + .11 | 51 | 49 | - 2 | NNW | 5 | cf | 3 | 56 | 49 | - | |
| York ... | 29.69 | 57 | N | 2 | 0 | 29.75 | + .14 | 52 | 48 | - 2 | NNW | 2 | 0 | 0 | 64 | 44 | 0.02 | |
| Loughborough ... | 29.64 | 60 | NNE | 3 | bv | 29.77 | + .16 | 50 | 50 | + 3 | NNW | 3 | cm | 0 | 64 | 49 | 0.03 | |
| † Ardrossan ... | 29.73 | 54 | NNW | 2 | c | 29.80 | + .09 | 51 | 50 | - 1 | NNW | 3 | 0 | 2 | 55 | 47 | - | |
| † Mullaghmore ... | 29.84 | 51 | NNW | 5 | 0 | 29.95 | + .14 | 50 | 50 | + 2 | N | 5 | 0 | 4 | 59 | 49 | 0.02 | |
| Donaghadee ... | 29.77 | 52 | N | 4 | bv | 29.89 | + .13 | 54 | 50 | + 1 | NNW | 5 | bv | 3 | 56 | 46 | 0.02 | |
| Parsonstown ... | 29.85 | 52 | NNW | 2 | c | 29.98 | + .16 | 52 | 49 | + 2 | N | 1 | 0 | 0 | 55 | 45 | 0.02 | |
| Barrow-in-Furness | 29.70 | 55 | N | 2 | 0 | 29.78 | + .13 | 54 | 51 | + 1 | NNW | 2 | 0 | 2 | 62 | 50 | - | |
| † Holyhead ... | 29.76 | 55 | NNW | 4 | bv | 29.85 | + .14 | 50 | 51 | - 3 | NNW | 4 | 0 | 3 | 59 | 49 | - | |
| Liverpool (Bidsen) | 29.70 | 52 | NNW | 2 | r | 29.70 | + .13 | 54 | 52 | + 2 | NNW | 1 | bv | 2 | 59 | 49 | 0.32 | |
| Valencia ... | 29.82 | 50 | NNW | 3 | 0 | 29.86 | + .12 | 50 | 50 | + 1 | NNW | 3 | 0 | 3 | 57 | 47 | 0.05 | |
| Roche's Point ... | 29.85 | 54 | NNW | 5 | c | 29.99 | + .16 | 54 | 53 | + 2 | NNW | 5 | bv | 4 | 57 | 46 | - | |
| Pembroke ... | 29.79 | 52 | NNW | 3 | c | 29.89 | + .19 | 50 | 48 | - 1 | NNW | 5 | c | 3 | 55 | 48 | - | |
| † Scilly ... | 29.87 | 54 | NNW | 3 | 0 | 29.92 | + .16 | 53 | 50 | - 0 | NNW | 6 | ap | 5 | 56 | 49 | 0.04 | |
| Prawle Point ... | 29.76 | 55 | NNW | 5 | b | 29.85 | + .17 | 50 | 52 | + 10 | NNW | 3 | b | 3 | 59 | 45 | 0.40 | |
| Hurst Castle ... | 29.86 | 54 | NNE | 3 | 0 | 29.80 | + .19 | 52 | 50 | + 5 | NNE | 2 | c | 3 | 57 | 46 | 0.09 | |
| † Dover ... | 29.84 | 53 | S | 1 | b | 29.71 | + .16 | 57 | 52 | + 7 | N | 3 | bv | 1 | 57 | 48 | - | |
| † London ... | 29.63 | 55 | NE | 2 | c | 29.75 | + .23 | 52 | 50 | + 4 | NNW | 2 | 0 | 0 | 56 | 46 | 0.01 | |
| Oxford ... | 29.69 | 52 | NNW | 3 | 0 | 29.80 | + .24 | 51 | 50 | + 1 | NNW | 1 | 0 | 0 | 59 | 47 | 0.13 | |
| Cambridge ... | 29.64 | 51 | N | 1 | c | 29.77 | + .20 | 54 | 51 | - 0 | N | 1 | c | 0 | 57 | 45 | 0.35 | |
| † Yarmouth ... | 29.62 | 50 | Z | 0 | bv | 29.69 | + .10 | 53 | 50 | - 1 | NNW | 3 | c | 3 | 56 | 49 | 0.12 | |
| The Helder ... | 29.61 | 50 | WSW | 1 | r | 29.61 | - .03 | 51 | 49 | - 2 | ? | 3 | 0 | 2 | 57 | 48 | 0.39 | |
| Cape Griz Nez ... | ? | 52 | SE | 1 | c | ? | ? | 52 | 51 | - 0 | N | 4 | 0 | 3 | 57 | 48 | 0.04 | |
| † Jersey ... | 29.74 | 50 | NNW | 7 | b | 29.80 | + .16 | 49 | 48 | - 2 | NNW | 3 | ap | 2 | 55 | 46 | 0.28 | |
| Brest ... | 29.90 | 54 | NNW | 5 | 0 | 29.92 | + .12 | 51 | 47 | - 0 | NNW | 5 | 0 | 4 | 55 | 48 | 0.04 | |
| Lorient ... | 29.90 | 55 | NNW | 7 | Z | 29.91 | + .09 | 51 | 48 | - 0 | NNW | 7 | c | 3 | 59 | 46 | 0.08 | |
| † Rochefort ... | 29.95 | 57 | NNW | 9 | r | 30.00 | + .09 | 54 | 50 | - 1 | NNW | 7 | r | 2 | 61 | 46 | 0.24 | |
| Biarritz ... | 30.08 | 57 | W | 5 | c | 30.08 | + .08 | 53 | 50 | - 2 | W | 5 | c | 3 | 61 | 50 | 0.12 | |
| Cornwall ... | ? | ? | ? | ? | ? | 30.28 | + .09 | 64 | 63 | + 8 | N | 1 | b | 3 | 64 | 43 | - | |
| Brussels ... | ? | ? | ? | ? | ? | 29.67 | + .02 | 49 | 48 | - 2 | WSW | 4 | r | 0 | 62 | 46 | 0.04 | |
| Charleville ... | 29.66 | 55 | SSE | 1 | bv | 29.69 | - .01 | 49 | 45 | - 1 | N | 4 | 0 | 0 | 62 | 46 | 0.63 | |
| Paris ... | 29.71 | 54 | SW | 3 | r | 29.79 | + .08 | 54 | 52 | + 1 | SW | 3 | 0 | 0 | ? | ? | 0.20 | |
| Lyons ... | 29.85 | 55 | W | 1 | 0 | 29.90 | - .05 | 52 | 47 | + 1 | W | 1 | 0 | 0 | 59 | 43 | 0.08 | |
| Toulon ... | 30.04 | 55 | SW | 1 | f | 29.98 | - .15 | 50 | 48 | - 6 | NNW | 5 | c | 4 | 63 | 46 | 0.35 | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.49 | 52 | E | 1 | b | 28.56 | + .11 | 49 | 46 | + 1 | NNW | 2 | bv | 0 | 55 | 41 | - | |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by Bangertfeld, Ltd. London.

WEATHER

for 8 a.m. on Sunday

CHARTS

8TH JUNE.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

→ = forces above 10; →→ = forces 8 to 10;
→→ = forces 5 to 7; → = forces 1 to 4;
○ = dead calm.

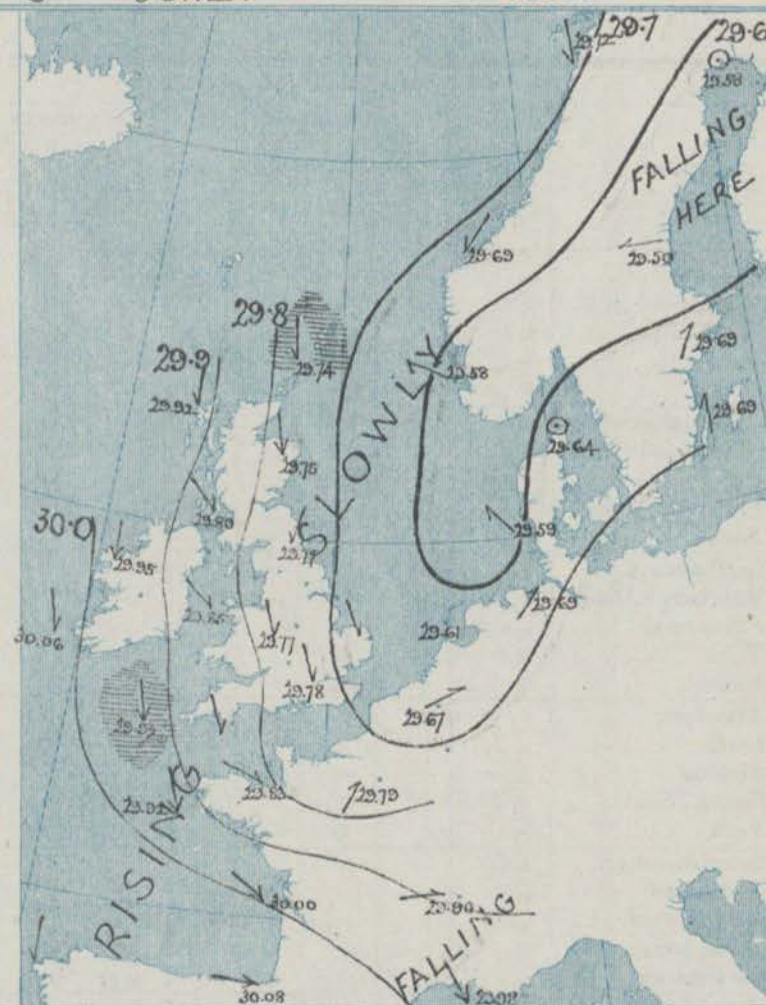
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.881 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.898 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.923 |
| Roches Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.966 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature—Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather—is shown by letters of the Beaufort Scale.

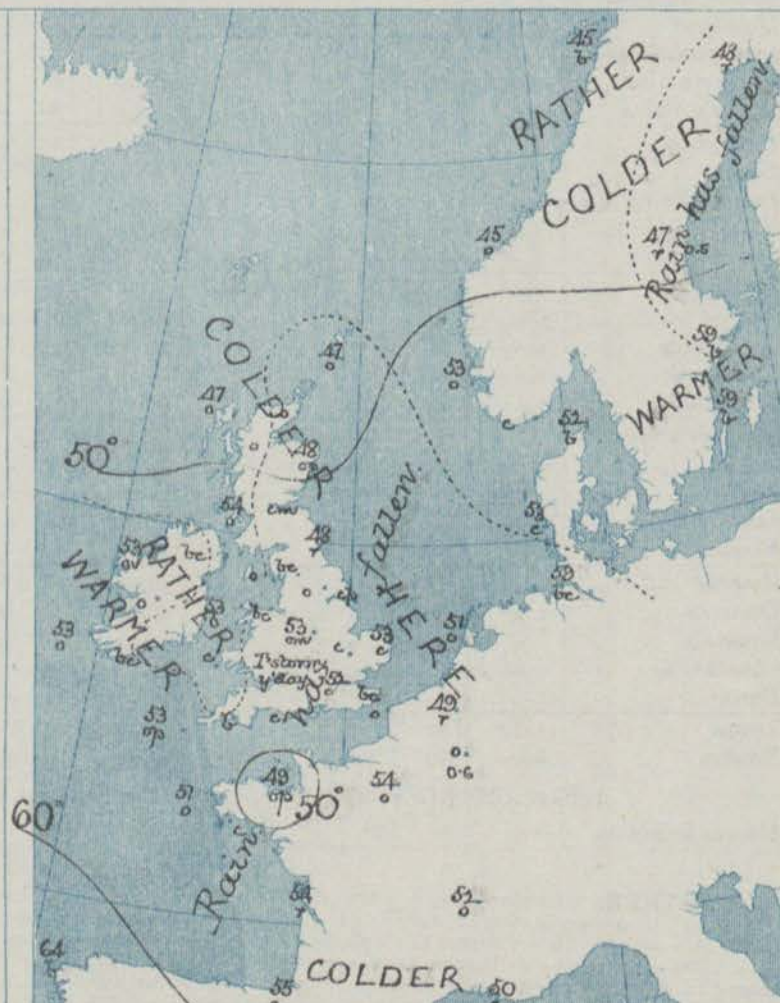
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 51.2 | 51.7 | 3.03 |
| Wick | 53.5 | 50.7 | 1.59 |
| Nairn | 54.8 | 50.8 | 2.00 |
| Aberdeen | 54.8 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.96 |
| Shields | 56.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 56.6 | 52.1 | 2.77 |
| Donaghadee | 56.4 | 53.3 | 2.12 |
| Holyhead | 55.7 | 53.3 | 1.98 |
| Liverpool | 56.9 | 53.0 | 1.87 |
| Valencia | 56.9 | 53.9 | 3.52 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.2 | 53.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 1.89 |
| Hurst Castle | 58.1 | 55.9 | 1.98 |
| Dover | 59.1 | 55.6 | 1.76 |
| LONDON | 59.5 | 55.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Sunday 8th June 1884, at 8 a.m.

The depression which lay over the south east of England yesterday has passed on to the North Sea, where it appears to be filling up - and the barometer is rising generally. The highest barometer readings are now found to the south-westward of our islands, while a large area of low pressure, in which there are several distinct minima is lying over Scandinavia and the North Sea. Varying S³ breezes are reported on the eastern shores of the North Sea, but in our islands and France the wind is N⁷ or NW³. In force it is moderate or fresh. The weather is fine in Denmark and the south of Sweden, but cloudy or overcast in most other localities, with showers at several of our Eastern stations. During yesterday showers fell in many parts of the Kingdom and a thunderstorm occurred at Oxford. Temperature has fallen in the north and east, but risen elsewhere, and readings now range from 56° at Hunt Castle to 47° in the north of Scotland. The only stations at which the thermometer exceeded 60° yesterday were York, Southborough, Brierley in Thames and in London. The sea is rather rough at Lumborough Head and Scilly, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at NOON on 9th June 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

none issued

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

none issued

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

| RESIDENTIALS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|--|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wca. | Sea. |
| Skudesnaes | 29.58 | 50 | 50 | W | 4 | 0 | 3 | Valencia | 29.97 | 50 | 49 | NW | 4 | 0 | 4 |
| Sumburgh Head | 29.74 | 50 | 48 | NE | 2 | 7 | 3 | Scilly | 29.85 | 55 | 50 | NNW | 6 | 0 | 5 |
| Stornoway | 29.79 | 34 | 54 | NE | 5 | 6 | 4 | Dover | 29.86 | 50 | 49 | SW | 4 | 0 | 3 |
| Aberdeen | 29.75 | 34 | 50 | NE | 3 | 6 | 1 | London | 29.57 | 55 | 48 | NE | 2 | 0 | 4 |
| Shields | 29.71 | 55 | 50 | NNE | 3 | 0 | 3 | Yarmouth | 29.60 | 50 | 51 | ESE | 2 | 0 | 3 |
| Ardrossan | 29.72 | 50 | 49 | NW | 5 | 0 | 1 | Jersey | 29.68 | 50 | 51 | NNW | 7 | 0 | 5 |
| Mullaghmore | 29.83 | 50 | 49 | NW | 5 | 0 | 4 | Rochefort | 29.90 | 54 | 54 | NW | 7 | 0 | 3 |
| Holyhead | 29.75 | 50 | 50 | NW | 4 | 6 | 4 | | | | | | | | |

REMARKS.

The barometer is rising a little generally, and the depression over the south-east of England appears to be filling up. The winds show no important change since the morning, but the weather in London has improved.

DAILY WEATHER REPORT

for *Monday 9th June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|----------------------|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|---------------|-------------|------|---------------------|------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.65 | 41 | N | 4 | c | 29.90 | + .32 | 1.3 | 39 | — | 5 | NN | 2 | o | * | 50 | 39 | 0.55 | |
| Hernösand ... | 29.68 | 49 | S | 2 | o | 29.89 | + .39 | 46 | 46 | — | 1 | Z | 0 | f | * | 54 | 43 | 0.16 | |
| Stockholm ... | 29.78 | 53 | WSW | 2 | b | 29.86 | + .17 | 63 | 57 | + .4 | 4 | Z | 0 | b | * | 66 | 48 | — | |
| Wisby ... | 29.71 | 56 | SSW | 4 | b | 29.78 | + .07 | 66 | 58 | + .7 | 7 | SE | 4 | b | * | 68 | 46 | — | |
| Bodö | 29.79 | 42 | N | 6 | b | 29.95 | + .23 | 42 | 39 | — | 3 | W | 2 | b | 1 | 48 | 39 | — | |
| Christiansund ... | 29.84 | 45 | NE | 4 | b | 29.94 | + .23 | 46 | 41 | + .1 | 1 | NE | 4 | b | 3 | 50 | 39 | — | |
| † Skudesnaes ... | 29.73 | 54 | NNW | 2 | b | 29.80 | + .22 | 52 | 52 | + .3 | 3 | E | 1 | o | 2 | ? | ? | — | |
| Oxö (Ålön) ... | 29.66 | 36 | E | 1 | c | 29.73 | + .15 | 50 | 49 | — | 2 | NNE | 4 | r | 2 | ? | ? | 0.20 | |
| Skagen (The Skaw) | 29.71 | 38 | SSE | 2 | c | 29.78 | + .14 | 36 | 55 | + .3 | 3 | Z | 0 | o | 0 | 72 | 52 | 0.08 | |
| Fanö ... | 29.67 | 51 | Z | 0 | c | 29.76 | + .17 | 51 | 55 | + .6 | 6 | ESE | 2 | b | * | 61 | 48 | 0.04 | |
| Cuxhaven ... | 29.67 | 37 | NNW | 2 | b | 29.76 | + .07 | 60 | 58 | + .1 | SW | 1 | b | * | ? | 46 | 0.08 | | |
| † Sumburgh Head | 29.88 | 47 | N | 5 | o | 29.99 | + .14 | 48 | 43 | + .1 | 1 | N | 5 | o | 5 | 51 | 44 | — | |
| † Stornoway ... | 29.98 | 48 | N | 5 | om | 30.01 | + .09 | 50 | 45 | + .3 | NE | 4 | o | 3 | ? | 50 | 43 | — | |
| Wick ... | 29.90 | 47 | N | 5 | o | 29.98 | + .17 | 52 | 47 | + .5 | N | 3 | e | 2 | ? | 52 | 44 | 0.04 | |
| Nairn ... | 29.91 | 48 | NNW | 3 | o | 29.97 | + .12 | 49 | 46 | + .2 | ENE | 3 | o | 3 | ? | 50 | 45 | 0.02 | |
| † Aberdeen ... | 29.80 | 48 | N | 7 | o | 29.93 | + .18 | 48 | 46 | — | 0 | N | 5 | o | 3 | 50 | 45 | 0.05 | |
| Leith ... | 29.84 | 51 | NE | 1 | d | 29.90 | + .13 | 55 | 49 | + .4 | NE | 1 | b | * | ? | 51 | 45 | 0.02 | |
| † Shields ... | 29.79 | 47 | N | 3 | r | 29.88 | + .11 | 48 | 46 | — | 0 | N | 3 | r | 4 | 50 | 45 | 0.41 | |
| Spurn Head ... | 29.75 | 49 | NNW | 5 | r | 29.79 | + .07 | 51 | 50 | — | 0 | N | 5 | c | 5 | 51 | 46 | 0.22 | |
| York ... | 29.80 | 49 | N | 2 | r | 29.86 | + .08 | 47 | 46 | — | 3 | NNW | 3 | r | * | 50 | 44 | 0.10 | |
| Loughborough... | 29.80 | 50 | Z | 0 | o | 29.87 | + .10 | 48 | 45 | — | 5 | NNW | 4 | og | * | 58 | 44 | 0.51 | |
| † Ardrossan ... | 29.83 | 57 | NNW | 3 | c | 29.96 | + .16 | 50 | 46 | — | 4 | N | 1 | b | 1 | 61 | 40 | — | |
| † Mullaghmore ... | 30.00 | 51 | NNW | 5 | ov | 30.03 | + .08 | 50 | 46 | — | 3 | NNW | 3 | o | 2 | 57 | 49 | — | |
| Donaghadee ... | 29.91 | 51 | NNW | 6 | b | 29.99 | + .12 | 51 | 47 | — | 3 | N | 3 | b | 1 | 56 | 46 | — | |
| Parsonstown ... | 30.00 | 54 | N | 1 | o | 30.06 | + .08 | 50 | 47 | — | 3 | NNW | 1 | og | * | 58 | 47 | — | |
| Barrow-in-Furness | 29.80 | 54 | NN | 3 | o | 29.89 | + .11 | 49 | 46 | — | 5 | N | 2 | o | 2 | 50 | 48 | — | |
| † Holyhead ... | 29.88 | 57 | NNW | 5 | c | 29.95 | + .10 | 54 | 51 | + .1 | 1 | NNW | 4 | c | 4 | 54 | 48 | — | |
| Liverpool (Bilston) | 29.80 | 52 | N | 5 | o | 29.92 | + .12 | 51 | 47 | — | 3 | NNE | 1 | o | 3 | 57 | 47 | 0.05 | |
| † Valencia ... | 30.09 | 50 | NNW | 3 | b | 30.08 | + .02 | 55 | 52 | + .2 | S | 1 | o | 1 | ? | 59 | 45 | — | |
| Roche's Point .. | 30.04 | 55 | NNW | 4 | c | 30.06 | + .07 | 54 | 50 | — | 0 | NN | 2 | b | 3 | 60 | 48 | — | |
| Pembroke ... | 29.92 | 54 | NN | 2 | o | 29.98 | + .09 | 50 | 45 | — | 0 | NNW | 4 | o | 2 | 57 | 49 | — | |
| † Scilly ... | 29.98 | 55 | NN | 6 | b | 30.02 | + .10 | 54 | 50 | + .1 | 1 | NNW | 4 | c | 4 | 56 | 51 | — | |
| Prawle Point ... | 29.90 | 56 | NW | 3 | b | 29.97 | + .12 | 52 | 49 | — | 4 | NW | 3 | c | 3 | 64 | 47 | — | |
| Hurst Castle ... | 29.85 | 50 | NNW | 2 | r | 29.89 | + .09 | 49 | 48 | — | 3 | NNE | 2 | o | 3 | 62 | 47 | 0.42 | |
| † Dover ... | 29.77 | 53 | NE | 1 | o | 29.87 | + .10 | 48 | 46 | — | 9 | NNW | 1 | og | 1 | 59 | 46 | 0.32 | |
| † London ... | 29.75 | 55 | NN | 1 | or | 29.86 | + .08 | 48 | 46 | — | 4 | NN | 3 | o | * | 59 | 45 | 0.45 | |
| Oxford ... | 29.80 | 49 | N | 1 | o | 29.88 | + .08 | 50 | 46 | — | 1 | NN | 2 | ow | * | 58 | 46 | 0.15 | |
| Cambridge ... | 29.82 | 48 | N | 1 | r | 29.89 | + .06 | 47 | 46 | — | 7 | N | 1 | r | * | 59 | 44 | 0.20 | |
| † Yarmouth ... | 29.73 | 52 | NNW | 2 | c | 29.74 | + .05 | 52 | 51 | — | 1 | NN | 3 | c | 3 | 55 | 45 | 0.05 | |
| The Helder ... | 29.68 | 52 | NW | 1 | r | 29.75 | + .14 | 51 | 50 | — | 0 | S | 1 | r | 1 | 55 | 50 | 0.25 | |
| Cape Griz Nez... | ? | 53 | SW | 3 | o | ? | ? | 49 | 47 | — | 3 | NNW | 4 | o | 3 | 59 | 46 | 0.32 | |
| † Jersey ... | 29.90 | 55 | NNW | 4 | b | 29.95 | + .12 | 52 | 50 | + .3 | 3 | NN | 4 | og | 4 | 58 | 47 | 0.19 | |
| Brest ... | 30.02 | 54 | NNW | 5 | o | 30.04 | + .12 | 50 | 52 | + .2 | 2 | NNW | 5 | o | 3 | 57 | 48 | — | |
| Lorient ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | |
| † Rochefort ... | 29.99 | 57 | NN | 8 | b | 30.08 | + .08 | 55 | 52 | + .1 | 1 | NN | 8 | o | 3 | 61 | 48 | 0.08 | |
| Biarritz ... | 30.03 | 55 | NNW | 5 | o | 30.12 | + .04 | 55 | 52 | — | 0 | N | 5 | o | 3 | 57 | 52 | 0.24 | |
| Corunna ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| Brussels ... | • | • | • | • | • | 29.80 | + .13 | 49 | 48 | — | 0 | WSW | 3 | r | * | 59 | 49 | 0.24 | |
| Charleville ... | 29.77 | 55 | NNW | 1 | b | 29.82 | + .13 | 49 | 47 | — | 0 | SSW | 3 | o | * | 58 | 46 | 0.16 | |
| Paris ... | 29.86 | 55 | SW | 1 | r | 29.89 | + .10 | 51 | ? | — | 3 | SW | 1 | r | • | • | • | 0.24 | |
| Lyons ... | 29.83 | 51 | N | 4 | o | 29.94 | + .24 | 50 | 46 | — | 2 | NN | 1 | o | • | 65 | 46 | 0.04 | |
| Toulon ... | 29.97 | 54 | NN | 5 | b | 29.90 | — .28 | 51 | 46 | + .1 | 1 | NN | 7 | b | 5 | 64 | 46 | — | |

HIGH LEVEL STATION.

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

Hawes Junction

28.58

45

N

3

r

28.67

+ .11

43

42

—

6

N

3

o

*

51

40

0.14

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by D. B. B. Lith. London.

WEATHER CHARTS

for 8 a.m. on Monday, 9th JUNE.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

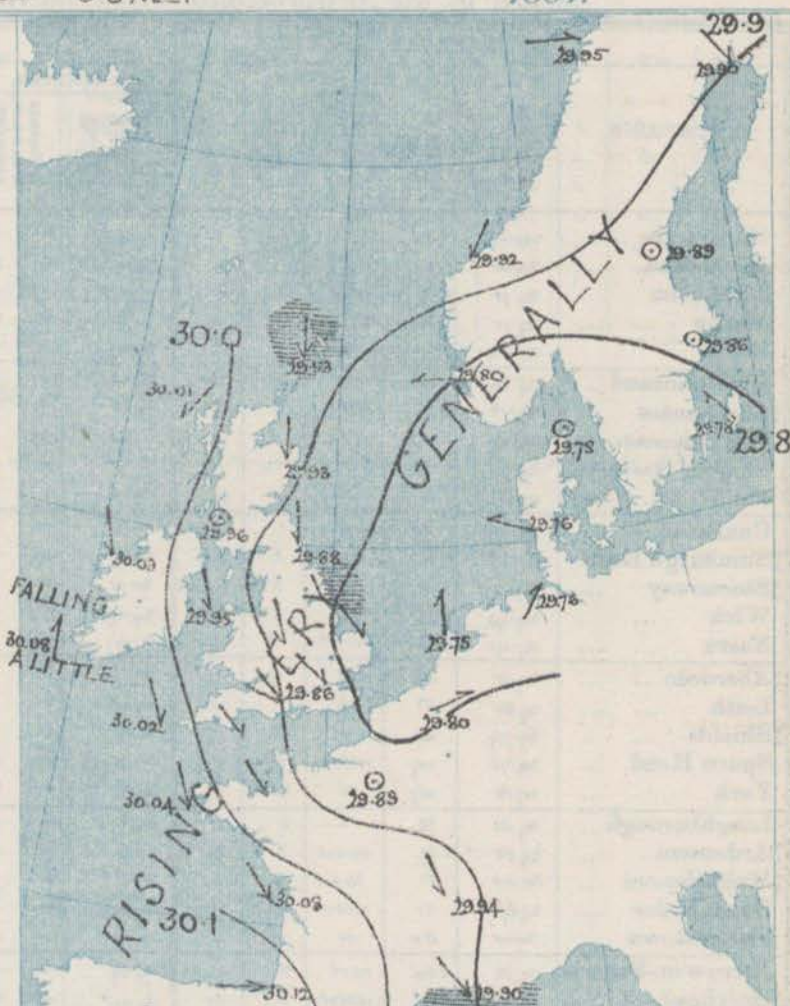
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 — force above 10; — force 8 to 10;
 — force 5 to 7; — force 1 to 4;
 ○ — dead calm.

Sea Disturbance — where considerable is shown thus
 — Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.881 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.882 |
| Shields | 29.918 |
| York | 29.836 |
| Ardrossan | 29.895 |
| Donaghadee | 29.838 |
| Bolyhead | 29.929 |
| Liverpool | 29.910 |
| Valencia | 29.928 |
| Roches Point | 29.929 |
| Pembroke | 29.877 |
| Scilly | 29.869 |
| Hurst Castle | 29.965 |
| Dover | 29.969 |
| LONDON | 29.953 |
| Oxford | 29.960 |
| Cambridge | 29.958 |
| Yarmouth | 29.958 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

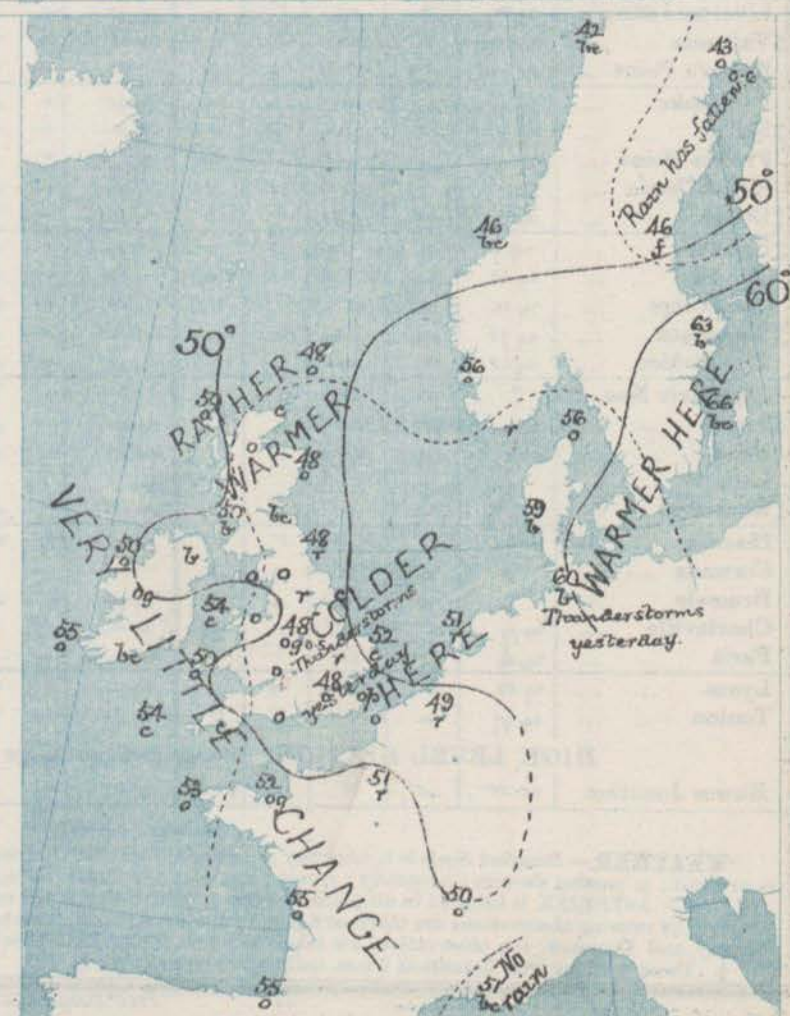
Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.
Weather — is shown by Letters of the Beaufort Scale.
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 59.7 | 52.1 | 2.04 |
| Stornoway | 54.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.68 |
| Nairn | 54.8 | 50.6 | 2.00 |
| Aberdeen | 54.6 | 51.1 | 1.57 |
| Leith | 56.6 | 53.1 | 1.86 |
| Shields | 58.2 | 57.9 | 1.76 |
| York | 46.6 | 53.2 | 2.47 |
| Ardrossan | 55.6 | 52.1 | 2.77 |
| Donaghadee | 55.4 | 53.3 | 2.72 |
| Bolyhead | 55.7 | 53.3 | 1.98 |
| Liverpool | 56.9 | 53.0 | 1.87 |
| Valencia | 56.9 | 53.9 | 3.52 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.4 | 53.2 | 4.07 |
| Scilly | 57.2 | 55.2 | 1.69 |
| Hurst Castle | 58.1 | 55.9 | 1.98 |
| Dover | 58.1 | 55.6 | 1.76 |
| LONDON | 59.5 | 56.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Monday 9th June 1884. at 8 a.m.

The distribution of pressure is very similar to that of yesterday, readings being highest off our south-west coast, while several shallow depressions are found over the North Sea. The barometer, however, continues to rise at all stations (excepting Valencia), where a slight fall has set in during the night. On the eastern shores of the North Sea the wind is rather variable, but elsewhere moderate or fresh breeze from the Northward or North-westward are reported. The weather is cloudy or overcast in most places, with rain at several of our eastern stations.

During yesterday showers fell on all but our western coast. Thunderstorm occurred in the afternoon at Exeter, Hunt Castle & Oxford, & distant thunders was heard at Dover & in London. Temperature has fallen several degrees in the south-east of England, & readings now range from 55° at Leith & Valencia to 47° at York & Cambridge. The maxima registered yesterday were below 60° in nearly all parts of the Kingdom; at Nurn, Aberdeen & Shields the thermometer did not exceed 50°. The sea is rather rough at Lough Head to Spurn Ho, moderate to smooth elsewhere.

The fall of the barometer which has commenced in the extreme west is likely to bring about a greater uniformity of pressure, but at present there is no indication of any improvement in the weather.

FORECASTS

for the 24 hours ending at NOON on 10th June 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

Nth winds, moderate or fresh; cloudy,
probably some showers

1 { SCOTLAND
EAST

.....D.....D.....D.....

2 { ENGLAND
N.E.

.....D.....D.....D.....

3 { ENGLAND
EAST

Same as N^o 5

4 { MIDLAND
COUNTIES

Same as N^o 5

5 { ENGLAND
SOUTH

NWth & Nth winds, moderate; cold,
unsettled, some rain

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

Nth to NWth winds, light; fair
generally

7 { ENGLAND
N.W.

.....D.....D.....D.....

8 { ENGLAND
S.W.

NWth winds, moderate; fair generally

9 { IRELAND
NORTH

NWth & Nth winds, moderate; cloudy,
some rain

10 { IRELAND
SOUTH

.....D.....D.....D.....

WARNINGS

None Issued

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. |
|---------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|
| Skudesnaes | 29.68 | 55 | 52 | ESE | 2 | 0 | Valencia | | | | | | |
| Sumburgh Head | | | | | | | Scilly | | | | | | |
| Stornoway | | | | | | | Dover | | | | | | |
| Aberdeen | | | | | | | London | | | | | | * |
| Shields | | | | | | | Yarmouth | | | | | | |
| Ardrossan | | | | | | | Jersey | | | | | | |
| Mullaghmore | | | | | | | Rocheport | 29.98 | 57 | 52 | NW | 11 | C |
| Holyhead | | | | | | | | | | | | | 4 |

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 1st to the 7th June 1884

June 1st brought with it a complete change from the conditions which had previously prevailed over our islands and their neighbourhood. Instead of high northern and low southern pressures we have had the highest readings (above 30.0 in.) reported from the Bay of Biscay and France, while moderate gradients for S.W. winds prevailed over the United Kingdom and Scandinavia. Temperature rose somewhat, the air became softer and showers of rain set in at our western stations, whence they subsequently spread to our southern and midland counties. This condition, however, was of a very temporary character, for the barometer soon rose again in the north, while a complete depression was developed over France, and the consequence was that Tuesday found us with light to moderate E³ and N³ breezes - fair weather in the north, but dull wet weather setting in in the south. From that time to the end of the week light and variable NE³ to NW³ breezes prevailed over the country. The weather was at first fair in the north, but large quantities of rain fell over the south-eastern counties, and cold wet weather subsequently spread to all parts of the Kingdom, and thunderstorms occurred in several places. This unsettled weather appears to have accompanied a number of exceedingly shallow disturbances, some of them moving irregularly, some forming and others dispersing, in our neighbourhood, but all appearing between two large high pressure areas, one of which lay over northern, and the other over south-western Europe. At the close of the week there was little if any indication of change, but the barometer was rising in the north and west and the northerly current appeared to be settling into a more true form, especially in the west and north.

for Thurs day 10th June 1884.
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| | | |
|---------------------|----------------|------|
| * YESTERDAY EVENING | 8 A.M. TO DAY. | PAST |
|---------------------|----------------|------|

Fred^r Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on Tuesday, 10th June, 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

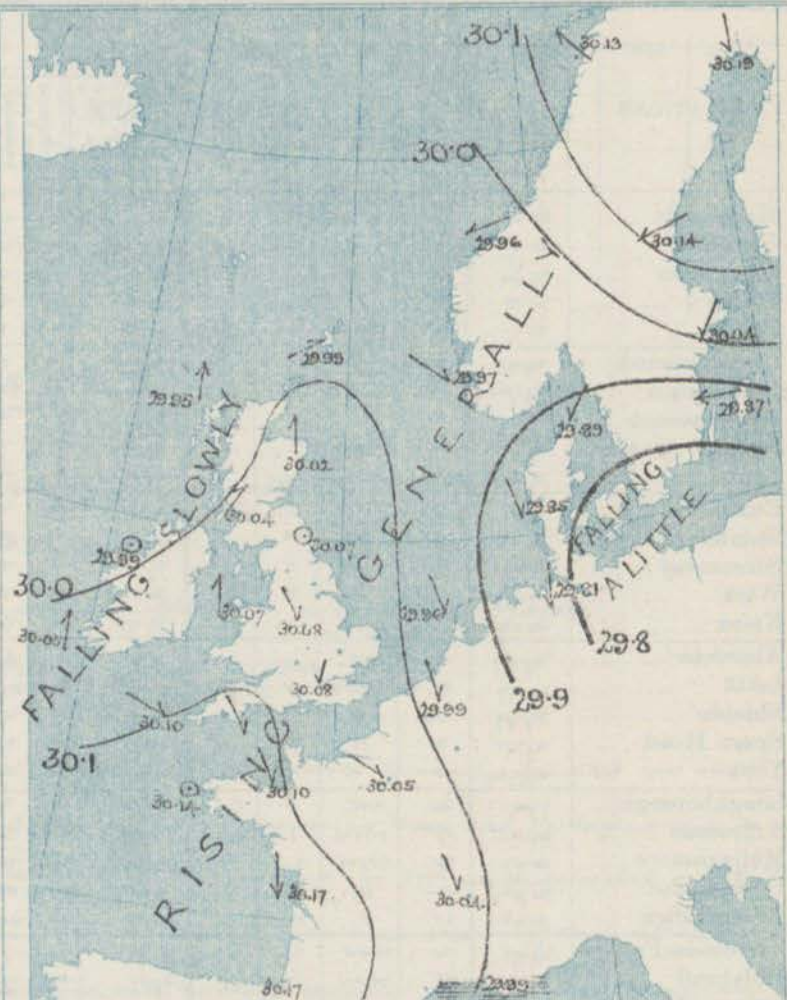
→ = forces above 10; →→ = forces 5 to 10;
 →→ = forces 5 to 7; → = forces 1 to 4;
 ○ = dead calm.

Sea Disturbance — where considerable is shown thus
 [wavy line] = Rough, [dotted line] = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.860 |
| Stornoway. | 29.832 |
| Wick. | 29.881 |
| Nairn. | 29.868 |
| Aberdeen. | 29.876 |
| Leith. | 29.882 |
| Shields. | 29.818 |
| York. | 29.836 |
| Ardrossan. | 29.835 |
| Donaghadee. | 29.838 |
| Holyhead. | 29.829 |
| Liverpool. | 29.870 |
| Valencia. | 29.829 |
| Roch's Point. | 29.829 |
| Pembroke. | 29.837 |
| Scilly. | 29.877 |
| Hurst Castle. | 29.868 |
| Dover. | 29.862 |
| LONDON. | 29.863 |
| Oxford. | 29.853 |
| Cambridge. | 29.860 |
| Yarmouth. | 29.866 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by letters of the Beaufort Scale.

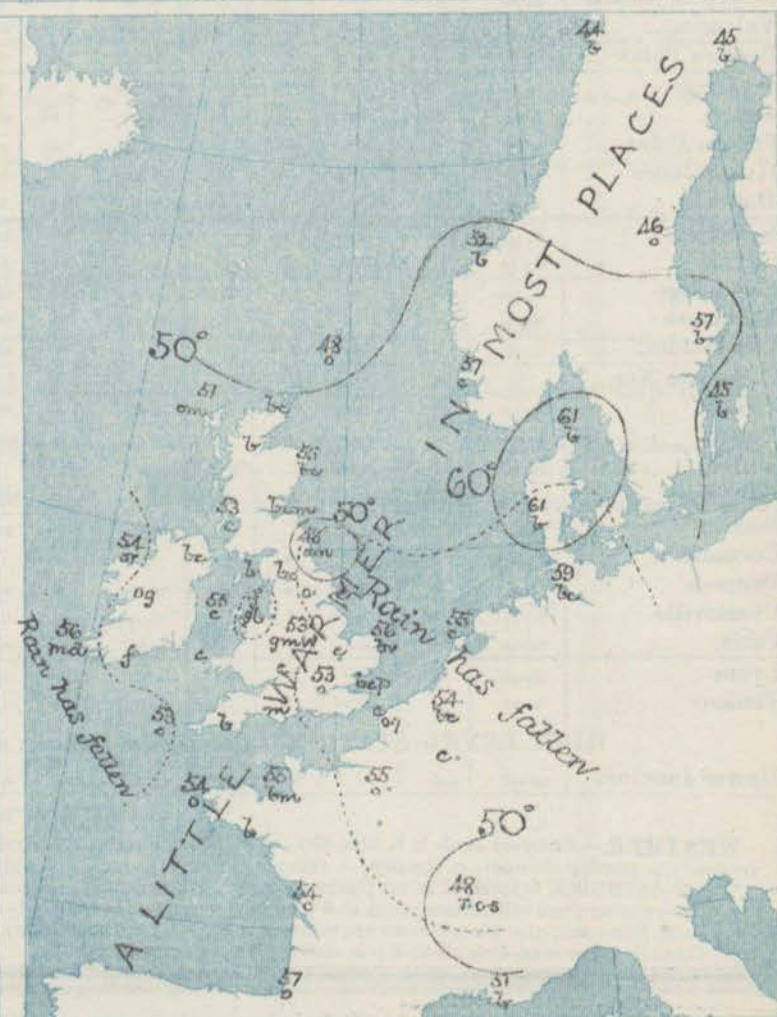
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 50.7 | 43.1 | 2.04 |
| Stornoway. | 54.2 | 51.7 | 3.03 |
| Wick. | 53.3 | 50.7 | 1.59 |
| Nairn. | 54.8 | 50.8 | 2.00 |
| Aberdeen. | 54.8 | 51.1 | 1.67 |
| Leith. | 55.4 | 53.1 | 1.96 |
| Shields. | 55.2 | 51.9 | 1.76 |
| York. | 56.6 | 53.2 | 2.47 |
| Ardrossan. | 55.6 | 52.1 | 2.77 |
| Donaghadee. | 55.4 | 53.3 | 2.12 |
| Holyhead. | 55.7 | 53.3 | 1.88 |
| Liverpool. | 56.9 | 53.0 | 1.87 |
| Valencia. | 56.9 | 53.9 | 3.52 |
| Roch's Point. | 56.8 | 53.6 | 3.36 |
| Pembroke. | 55.9 | 53.2 | 2.07 |
| Scilly. | 57.2 | 55.2 | 1.89 |
| Hurst Castle. | 58.1 | 55.9 | 1.98 |
| Dover. | 59.1 | 54.6 | 1.76 |
| LONDON. | 59.6 | 56.3 | 2.24 |
| Oxford. | 57.2 | 53.9 | 2.22 |
| Cambridge. | 58.1 | 54.9 | 2.30 |
| Yarmouth. | 57.2 | 54.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Tuesday 10th June 1884. at 8 a.m.

The distribution of pressure is rather complicated. Areas of high barometer readings are found over the north of Sweden and Bay of Biscay, while low pressure systems are lying over the Baltic and also to the north-westward of our islands. The barometer is falling a little on our extreme western and northern coasts, as well as in Denmark, but rising elsewhere. Light or moderate southerly breezes have set in over Ireland and Scotland, but elsewhere the wind is chiefly northerly. The weather is fine in Scandinavia, Denmark and Scotland, but cloudy or overcast over the greater part of Ireland, England and France, with rain at Mullaghmore and Valencia and passing showers at Dover. In the course of the past 24 hours showers have fallen in many parts of the country. Temperature has risen a little in most places, and readings over our islands now range from 56° at Donaghadee, Ramothtown, Valencia, Chwick Point, and Yarmouth to 48° in the Shetlands. The maxima registered yesterday were again below 60° in nearly all parts of the Kingdom, but in the south of Sweden the thermometer rose to between 72° and 75°. The sea is moderate to smooth.

The present distribution of pressure is favourable for the formation of shallow depressions over our eastern and north-eastern districts, - producing showers and perhaps thunder.

FORECASTS

for the 24 hours ending at NOON on 11th June 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | S th winds, light or moderate; fair to unsettled and some rain |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | Light variable breezes; cloudy, some rain, perhaps thunder |
| 3 | ENGLAND EAST | Same as N ^o 5 |
| 4 | MIDLAND COUNTIES | Same as N ^o 5 |
| 5 | ENGLAND SOUTH | Light breezes, chiefly N th ; changeable, some showers, perhaps thunder |

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | S th winds, light; fair to unsettled and some rain |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | N th or S th winds, moderate; fair generally |
| 9 | IRELAND NORTH | S th winds, light or moderate; cloudy, some rain |
| 10 | IRELAND SOUTH | |

WARNINGS

None Issued

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| Skudesnaes | 29.88 | 59 | 54 | W | 4 | 0 | 2 | Valencia | 30.08 | 58 | 56 | WSW | 2 | 0 | 3 |
| Sumburgh Head | 29.97 | 49 | 44 | NNE | 4 | 0 | 4 | Scilly | 30.00 | 56 | 50 | NNW | 5 | 0 | 4 |
| Stornoway | 30.02 | 50 | 48 | NE | 4 | 0 | 3 | Dover | 29.85 | 56 | 50 | NW | 3 | 0 | 1 |
| Aberdeen | 29.97 | 52 | 47 | N | 4 | 0 | 3 | London | 29.89 | 55 | 50 | NW | 3 | 0 | 3 |
| Shields | 29.95 | 50 | 48 | N | 4 | 0 | 4 | Yarmouth | 29.80 | 54 | 51 | NNW | 3 | 0 | 3 |
| Ardrossan | 29.97 | 50 | 50 | WSW | 1 | 0 | 1 | Jersey | 29.98 | 50 | 50 | NW | 5 | 0 | 4 |
| Mullaghmore | 30.04 | 56 | 51 | WNW | 1 | bv | 2 | Rochefort | 30.09 | 61 | 56 | NW | 7 | bv | 3 |
| Holyhead | 30.00 | 59 | 51 | N | 3 | b | 3 | | | | | | | | |

REMARKS.

The barometer continues to rise at all but our south-western stations, where it is inclined to fall slightly. The winds are unchanged but the weather in the East and south-east of England has undergone some improvement. The sea is moderate to smooth.

DAILY WEATHER REPORT

for Wednesday 11th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | | |
|----------------------------|---|--------------------|-------|---------------------|---------|---|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|----------------|---------------------------|------|--|
| STATIONS. | Barometer at 5 p.m. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETRICAL. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | | |
| | | | Dir. | Force. (0 to 12) | | Reading at 8 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. | Amount of Rainfall. | | |
| Haparanda | 30.22 | 42 | W | 2 | b | 30.21 | + .02 | 45 | 40 | 0 | S | 5 | b | • | 30 | 32 | — | | |
| Hernösand | 30.21 | 45 | Z | 0 | o | 30.19 | + .05 | 47 | 41 | + | 1 | SE | 2 | o | • | 34 | 41 | — | |
| Stockholm | 30.16 | 51 | E | 2 | b | 30.20 | + .19 | 50 | 49 | + | 2 | ESE | 2 | b | • | 60 | 50 | — | |
| Wisby | 30.00 | 54 | E | 6 | b | 30.07 | + .20 | 57 | 47 | — | 8 | ESE | 6 | b | • | 70 | 52 | — | |
| Bodö | | | | | | | | | | | | | | | | | | | |
| Christiansund | 30.00 | 56 | NE | 1 | b | 29.89 | — .07 | 59 | 52 | + | 7 | WSW | 1 | b | 1 | 61 | 39 | — | |
| Skudesnaes | | | | | | | | | | | | | | | | | | | |
| Oxö (Xlåsund) | 29.99 | 59 | NNE | 2 | c | 30.07 | + .15 | 57 | 55 | — | 2 | E | 4 | m | 2 | 64 | 54 | 0.47 | |
| Skagen (The Skaw) | 29.98 | 61 | NE | 2 | o | 30.07 | + .18 | 59 | 53 | — | 2 | ESE | 3 | b | 2 | 72 | 55 | — | |
| Fanö | 29.94 | 59 | N | 4 | b | 30.03 | + .18 | 56 | 55 | — | 5 | E | 4 | o | • | 68 | 52 | 0.16 | |
| Cuxhaven | 29.82 | 55 | N | 3 | be | 29.99 | + .18 | 59 | 58 | 0 | E | 1 | o | • | 60 | 53 | 0.28 | | |
| Sumburgh Head | 29.97 | 50 | SSE | 2 | b | 29.77 | — .22 | 49 | 49 | + | 1 | S | 3 | r | 2 | 53 | 45 | 0.15 | |
| Stornoway | 29.92 | 51 | WNW | 4 | omv | 29.71 | — .24 | 50 | 49 | — | 1 | SSW | 7 | d | 6 | 52 | 46 | 0.05 | |
| Wick | 29.96 | 53 | S | 2 | o | 29.76 | — .24 | 52 | 48 | 0 | SW | 2 | o | 1 | 58 | 42 | 0.03 | | |
| Nairn | 29.95 | 59 | W | 1 | o | 29.89 | — .17 | 50 | 49 | 0 | SW | 2 | o | 2 | 66 | 51 | — | | |
| Aberdeen | 29.48 | 59 | S | 5 | b | 29.86 | — .16 | 52 | 51 | + | 3 | S | 5 | o | 2 | 58 | 50 | 0.02 | |
| Leith | 30.01 | 60 | W | 2 | c | 29.91 | — .11 | 59 | 55 | + | 6 | SW | 3 | o | • | 67 | 52 | — | |
| Shields | 30.05 | 54 | SE | 2 | c | 30.01 | — .06 | 59 | 54 | + | 11 | SW | 2 | o | 2 | 59 | 48 | — | |
| Spurn Head | 30.10 | 53 | ESE | 3 | c | 30.08 | + .02 | 60 | 55 | + | 8 | SW | 3 | b | 3 | 60 | 50 | — | |
| York | 30.09 | 52 | SSE | 1 | be | 30.08 | + .04 | 58 | 54 | + | 6 | SW | 1 | c | • | 63 | 46 | — | |
| Loughborough | 30.09 | 62 | SW | 1 | c | 30.12 | + .04 | 59 | 55 | + | 6 | WSW | 3 | ew | • | 65 | 53 | — | |
| Ardrossan | 30.02 | 54 | SSW | 1 | op | 29.94 | — .10 | 50 | 50 | 0 | SW | 1 | o | 2 | 57 | 52 | 0.02 | | |
| Mullaghmore | 30.01 | 55 | SW | 2 | omv | 29.96 | — .03 | 54 | 51 | 0 | SW | 6 | ag | 5 | 58 | 51 | 0.05 | | |
| Donaghadee | 30.01 | 57 | WSW | 3 | o | 30.00 | — .05 | 57 | 54 | + | 1 | WNW | 4 | c | 2 | 64 | 55 | — | |
| Parsonstown | 30.05 | 63 | S | 1 | c | 30.08 | + .02 | 55 | 52 | — | 1 | S | 1 | c | • | 65 | 54 | 0.15 | |
| Barrow-in-Furness | 30.09 | 58 | NN | 2 | o | 30.08 | + .02 | 54 | 53 | + | 2 | SSE | 4 | om | 3 | 59 | 52 | — | |
| Holyhead | 30.09 | 55 | SSW | 5 | o | 30.07 | 00 | 53 | 50 | — | 2 | SSW | 4 | f | 3 | 60 | 50 | 0.03 | |
| Liverpool (Biddison) | 30.09 | 63 | NNW | 1 | b | 30.08 | 00 | 61 | 57 | + | 6 | SW | 1 | c | 1 | 64 | 50 | — | |
| Valencia | 30.06 | 57 | SSW | 3 | omv | 30.10 | + .08 | 56 | 55 | 0 | WSW | 4 | o | 4 | 63 | 51 | 0.01 | | |
| Roche's Point | 30.09 | 56 | SW | ? | f | 30.12 | + .04 | 58 | 54 | + | 4 | W | 3 | be | 4 | 61 | 53 | — | |
| Pembroke | 30.12 | 52 | SW | 2 | f | 30.13 | + .05 | 54 | 54 | 0 | SW | 2 | af | 1 | 58 | 51 | 0.02 | | |
| Silly | 30.13 | 57 | SW | 3 | f | 30.17 | + .07 | 56 | 56 | + | 3 | SW | 4 | fpd | 3 | 59 | 52 | 0.02 | |
| Prawle Point | 30.17 | 53 | SSW | 2 | o | 30.21 | + .09 | 54 | 54 | — | 2 | SW | 2 | f | 1 | 60 | 50 | 0.06 | |
| First Castle | 30.14 | 57 | WSW | 3 | b | 30.24 | + .12 | 52 | 52 | — | 1 | W | 3 | m | 2 | 59 | 51 | — | |
| Dover | 30.12 | 57 | Z | 0 | b | 30.18 | + .16 | 56 | 54 | + | 1 | W | 3 | c | 1 | 60 | 46 | — | |
| London | 30.12 | 61 | Z | 0 | og | 30.18 | + .10 | 60 | 54 | + | 7 | W | 1 | b | • | 64 | 46 | — | |
| Oxford | 30.13 | 57 | NNE | 1 | be | 30.18 | + .09 | 51 | 50 | — | 2 | SW | 2 | o | • | 61 | 47 | — | |
| Cambridge | 30.14 | 54 | Z | 0 | b | 30.15 | + .06 | 60 | 55 | + | 6 | SW | 1 | b | • | 63 | 45 | — | |
| Yarmouth | 30.10 | 58 | NNE | 3 | b | 30.13 | + .11 | 59 | 55 | + | 3 | W | 1 | b | 2 | 60 | 47 | — | |
| The Helder | 30.06 | 53 | NNW | 3 | o | 30.12 | + .16 | 54 | 51 | — | 1 | NNW | 3 | b | 3 | 55 | 52 | — | |
| Cape Griz Nez | | | | | | | | | | | | | | | | | | | |
| Jersey | 30.16 | 55 | NN | 2 | b | 30.23 | + .13 | 55 | 54 | 0 | WSW | 1 | o | 1 | 57 | 47 | — | | |
| Brest | 30.20 | 55 | W | 1 | o | 30.25 | + .11 | 56 | 55 | + | 2 | WSW | 3 | o | 3 | 57 | 50 | 0.04 | |
| Lorient | 30.19 | 55 | WNW | 5 | be | 30.30 | + .15 | 54 | 51 | + | 2 | S | 3 | o | 1 | 61 | 48 | — | |
| Rochefort | 30.21 | 59 | NN | 5 | b | 30.30 | + .19 | 57 | 55 | + | 3 | E | 1 | b | 0 | 64 | 48 | — | |
| Biarritz | 30.19 | 57 | N | 4 | c | 30.28 | + .11 | 58 | 53 | + | 1 | E | 3 | b | 2 | 59 | 50 | — | |
| Corunna | • | • | • | • | • | 30.20 | + .21 | 55 | 51 | + | 1 | NNW | 3 | b | • | 63 | 47 | — | |
| Brussels | • | • | • | • | • | 30.21 | + .24 | 57 | 47 | 0 | NE | • | be | • | 59 | 46 | 0.02 | | |
| Charleville | 30.06 | 58 | N | 4 | o | 30.21 | + .24 | 57 | 47 | 0 | NE | • | be | • | 59 | 46 | 0.02 | | |
| Paris | 30.11 | 59 | NN | 3 | o | 30.26 | + .21 | 55 | 52 | 0 | NNW | 1 | b | • | • | • | 0.04 | | |
| Lyon | 30.07 | 51 | NNW | 4 | o | 30.15 | + .11 | 53 | 53 | + | 5 | NNW | 4 | b | • | 57 | 46 | 0.08 | |
| Toulon | 30.02 | 61 | NW | 5 | be | 30.11 | + .12 | 61 | 54 | + | 10 | E | 1 | be | 2 | 64 | 52 | — | |

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

| | | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|---|----|----|----|---|---|-------|---|---|---|----|----|---|
| Hawes Junction | 28.57 | 56 | 17 | 1 | 3 | 28.22 | — | 01 | 52 | 50 | + | 3 | 15.54 | + | 0 | * | 57 | 46 | — |
|----------------|-------|----|----|---|---|-------|---|----|----|----|---|---|-------|---|---|---|----|----|---|

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^k Bangorfield Lath London

WEATHER

for 8 a.m. on WEDNESDAY.

CHARTS

11th June.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words. Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

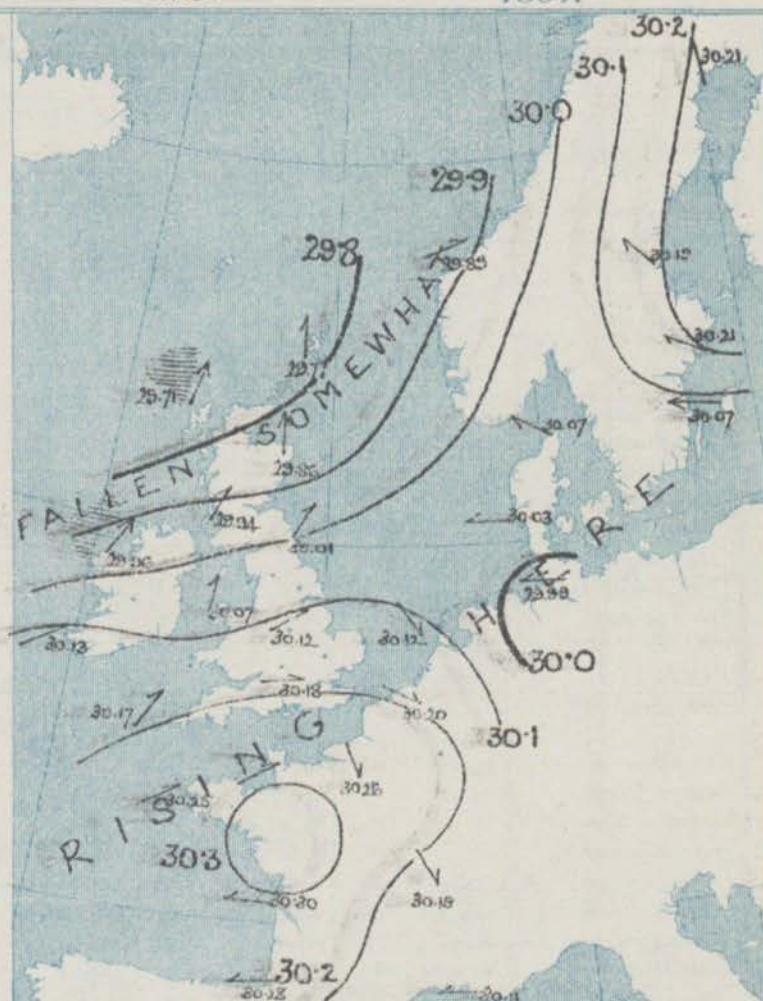
→ = force above 10; → = forces 8 to 10;
→ = forces 5 to 7; → = forces 1 to 4;
○ = dead calm.

Sea Disturbance—where considerable is shown thus:
— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.860 |
| Stornoway. | 29.832 |
| Wick. | 29.861 |
| Nairn. | 29.868 |
| Aberdeen. | 29.876 |
| Leith. | 29.892 |
| Shields. | 29.814 |
| Yock. | 29.836 |
| Ardrossan. | 29.895 |
| Donaghadee. | 29.808 |
| Holyhead. | 29.929 |
| Liverpool. | 29.930 |
| Valencia. | 29.923 |
| Roches Point. | 29.929 |
| Pembroke. | 29.937 |
| Scilly. | 29.971 |
| Hurst Castle. | 29.969 |
| Dover. | 29.962 |
| LONDON. | 29.963 |
| Oxford. | 29.958 |
| Cambridge. | 29.960 |
| Yarmouth. | 29.952 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature—Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 50.7 | 49.1 | 2.04 |
| Stornoway. | 51.2 | 51.7 | 3.03 |
| Wick. | 53.3 | 50.7 | 1.59 |
| Nairn. | 54.8 | 50.6 | 2.00 |
| Aberdeen. | 54.6 | 51.1 | 1.87 |
| Leith. | 56.1 | 53.1 | 1.96 |
| Shields. | 55.2 | 51.9 | 1.76 |
| York. | 56.6 | 53.2 | 2.47 |
| Ardrossan. | 55.6 | 52.1 | 2.77 |
| Donaghadee. | 55.4 | 53.3 | 2.12 |
| Holyhead. | 56.7 | 53.3 | 1.98 |
| Liverpool. | 56.9 | 53.0 | 1.87 |
| Valencia. | 56.9 | 53.9 | 3.52 |
| Roches Point. | 56.8 | 53.6 | 3.36 |
| Pembroke. | 55.9 | 53.2 | 2.07 |
| Scilly. | 57.2 | 55.2 | 1.89 |
| Hurst Castle. | 58.1 | 55.9 | 1.88 |
| Dover. | 59.1 | 56.5 | 1.76 |
| LONDON. | 59.5 | 56.3 | 2.24 |
| Oxford. | 57.2 | 53.9 | 2.22 |
| Cambridge. | 58.1 | 54.9 | 2.30 |
| Yarmouth. | 57.2 | 54.4 | 2.12 |

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Wednesday 11th June 1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to rise at all our more southern stations, and a definite anticyclone is now lying over the west of France. In the meantime the barometer has fallen somewhat in the north, and a large but shallow depression has appeared off the north-west of Scotland. Pressure is still relatively high in London. The wind is fresh from from the S. or S.W. on our extreme western and northern coast, and moderate from W. in the south. On the eastern shores of the North Sea, however, the wind is E. The weather is fine over the greater part of Scandinavia and France, as well as in the south-east of England, but in the west and north of our islands the sky is cloudy or overcast. Fog prevails in the south-west of England. In the course of the past 24 hours rain has fallen at most of the western and northern stations. Temperature has risen a little in most places, and readings range from 60° at Spurn Head, London, and Cambridge to 40° in the Shetlands. Sea is rough at Stromness and Malinbeg, moderate to smooth elsewhere.

There is still a tendency for shallow local depressions to appear over England, so that showers are probable, and perhaps thunder.

FORECASTS

for the 24 hours ending at NOON on 12th June 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|---|--------------------|---|
| 0 { SCOTLAND NORTH | S ⁴ & S.W. winds, fresh; cloudy, some rain | 6 { SCOTLAND WEST | S.W. winds, moderate; cloudy, probably some rain |
| 1 { SCOTLAND EAST | S ⁴ winds, moderate; fair generally | 7 { ENGLAND N. W. | -----D-----D-----D----- |
| 2 { ENGLAND N. E. | Same as N° 5 | 8 { ENGLAND S. W. | S.W. winds, moderate or fresh; cloudy, some showers |
| 3 { ENGLAND EAST | Same as N° 5 | 9 { IRELAND NORTH | S.W. & N.W. winds, fresh; fair on the whole |
| 4 { MIDLAND COUNTIES | Same as N° 5 | 10 { IRELAND SOUTH | -----D-----D-----D----- |
| 5 { ENGLAND SOUTH | S.W. & N.W. winds, moderate; changeable, some showers & perhaps thunder | WARNINGS | None Issued |

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

| | Bar. | Dry. | Wet. | Wind. | Wch. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wch. | Sea. |
|----------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|
| Skudesnaes | | | | | | | Valencia | 30.07 | 62 | 60 | WSW | 3 | 3 |
| Edinburgh Head | 30.00 | 56 | 56 | SW | 1 | 0 | Scilly | 30.13 | 58 | 56 | S | 2 | 2 |
| Stornoway | 29.96 | 51 | 50 | S | 5 | d | Dover | 30.19 | 59 | 54 | NE | 2 | 2 |
| Aberdeen | 30.01 | 55 | 50 | S | 5 | b | London | 30.10 | 61 | 52 | NW | 2 | 4 |
| Shields | 30.06 | 53 | 50 | SSE | 2 | c | Yarmouth | 30.08 | 58 | 54 | NNE | 4 | 3 |
| Ardrossan | 30.03 | 55 | 54 | SW | 2 | 0 | Jersey | 30.15 | 57 | 53 | NW | 3 | 3 |
| Mullaghmore | 30.01 | 54 | 52 | W | 2 | om | Rochefort | 30.21 | 64 | 55 | NW | 5 | 5 |
| Holyhead | 30.10 | 59 | 52 | SW | 4 | b | | | | | | | |

REMARKS.

The barometer is rising a little at all but our north-eastern stations and the wind has veered to the Wnd in Ireland. Very little change has taken place in the weather. The sea is slight or smooth.

DAILY WEATHER REPORT

for Thursday 12th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | | PAST 24 HOURS. | | |
|---|---|--------------------|--------|---------------------|---------|---|---|-------------|------|---|--------|----------------------|----------|-------------------|-------------|------|---------------------------|----------------|------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Direc. | Force. (0 to 12) | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force. (0 to 12). | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.98 | 42 | S | 4 | b | 29.90 | - .41 | 48 | 43 | + | 3 | S | 8 | c | • | 52 | 36 | - | | |
| Hernösand | 30.01 | 49 | S | 4 | b | 29.75 | - .44 | 44 | 43 | - | 3 | S | 6 | r | • | 50 | 41 | 0.67 | | |
| Stockholm ... | 30.12 | 49 | SE | 2 | b | 29.95 | - .28 | 56 | 51 | - | 3 | SSW | 2 | c | • | 63 | 45 | - | | |
| Wisby ... | 30.08 | 53 | ESE | 2 | b | 29.97 | - .10 | 58 | 51 | + | 1 | W | 2 | bc | • | 66 | 48 | - | | |
| Bodö | 29.72 | 60 | ENE | 4 | bc | 29.59 | - .62 | 47 | | | | SW | 2 | r | 2 | 63 | 45 | - | | |
| Christiansund ... | 29.69 | 51 | ESE | 1 | r | 29.73 | - .46 | 53 | 47 | - | 9 | WSW | 4 | c | 3 | ? | 46 | 0.28 | | |
| Skudesnes ... | 29.92 | 55 | S | 8 | r | 30.06 | | 53 | 49 | | | W | 6 | c | 4 | 55 | 52 | - | | |
| Oxö (Åland) ... | 30.02 | 55 | WSW | 4 | o | 30.00 | - .07 | 54 | 53 | - | 3 | W | 4 | m | 2 | 61 | 54 | - | | |
| Skagen (The Skaw) | 30.02 | 61 | S | 2 | o | 30.06 | - .08 | 58 | 55 | - | 1 | W | 5 | o | 4 | 70 | 54 | - | | |
| Fanö ... | 30.13 | 55 | WNW | 2 | bc | 30.15 | + | 12 | 60 | + | 4 | W | 4 | c | • | 66 | 52 | - | | |
| Cuxhaven ... | 30.17 | 57 | N | 1 | o | 30.19 | + | 20 | 59 | 58 | 0 | SW | 2 | bc | • | 61 | 48 | - | | |
| †Sumburgh Head | 29.75 | 51 | SW | 4 | o | 29.97 | + | 20 | 57 | 49 | + | 2 | SW | 4 | o | 4 | 54 | 46 | 0.15 | |
| †Stornoway ... | 29.89 | 52 | W | 6 | cg | 30.12 | + | 41 | 63 | 50 | + | 3 | WSW | 5 | bc | 4 | 56 | 46 | 0.68 | |
| Wick ... | 29.89 | 54 | W | 6 | bc | 30.11 | + | 35 | 62 | 46 | 0 | W | 6 | b | 3 | 59 | 44 | 0.03 | | |
| Nairn ... | 29.93 | 58 | SW | 4 | b | 30.07 | + | 36 | 55 | 47 | + | 2 | SW | 2 | bc | 2 | 64 | 50 | - | |
| †Aberdeen ... | 29.91 | 62 | W | 4 | bc | 30.19 | + | 39 | 56 | 48 | + | 4 | SW | 2 | bc | 1 | 66 | 43 | - | |
| Leith ... | 29.99 | 61 | W | 4 | bc | 30.23 | + | 32 | 55 | 50 | - | 4 | W | 3 | bc | • | 63 | 47 | - | |
| †Shields ... | 30.04 | 64 | W | 4 | c | 30.27 | + | 26 | 56 | 50 | - | 3 | WNW | 3 | b | 2 | 64 | 46 | - | |
| Spurn Head ... | 30.07 | 65 | SW | 3 | bc | 30.27 | + | 19 | 60 | 54 | 0 | ENE | 2 | b | 2 | 66 | 53 | - | | |
| York ... | 30.10 | 64 | W | 3 | b | 30.30 | + | 22 | 57 | 51 | - | 1 | NNW | 1 | b | • | 67 | 50 | - | |
| Loughborough ... | 30.12 | 65 | WSW | 2 | c | 30.30 | + | 18 | 62 | 57 | + | 2 | NW | 1 | bc | • | 67 | 48 | - | |
| †Ardrossan ... | 30.06 | 57 | WNW | 3 | b | 30.26 | + | 32 | 56 | 54 | + | 3 | W | 1 | o | 1 | 63 | 50 | - | |
| †Mullaghmore ... | 30.13 | 56 | NE | 5 | cm | 30.27 | + | 31 | 55 | 51 | + | 1 | SW | 4 | b | 3 | 60 | 51 | 0.04 | |
| Donaghadee ... | 30.11 | 55 | N | 4 | bc | 30.31 | + | 31 | 54 | 51 | - | 3 | SW | 4 | c | 0 | 67 | 44 | - | |
| Parsonstown ... | 30.16 | 61 | W | 2 | b | 30.37 | + | 29 | 55 | 52 | 0 | Z | 0 | b | • | 64 | 44 | - | | |
| Barrow-in-Furness ... | 30.10 | 57 | SW | 3 | bc | 30.29 | + | 21 | 52 | 50 | - | 2 | W | 1 | bc | 2 | 58 | 49 | - | |
| †Holyhead ... | 30.13 | 57 | SSW | 3 | b | 30.30 | + | 26 | 58 | 54 | + | 5 | WNW | 2 | b | 1 | 60 | 49 | - | |
| Liverpool (Bidston) | 30.13 | 60 | W | 3 | o | 30.33 | + | 25 | 59 | 52 | - | 2 | NW | 1 | b | 0 | 65 | 52 | - | |
| †Valencia ... | 30.24 | 60 | W | 3 | c | 30.35 | + | 22 | 57 | 55 | + | 1 | SE | 3 | o | 3 | 63 | 50 | - | |
| Roche's Point ... | 30.20 | 64 | W | 2 | bc | 30.38 | + | 26 | 58 | 54 | 0 | W | 1 | b | 3 | 67 | 49 | - | | |
| Pembroke ... | 30.19 | 54 | W | 3 | o | 30.30 | + | 20 | 54 | 52 | 0 | NNW | 1 | b | 1 | 58 | 50 | - | | |
| †Scilly ... | 30.24 | 58 | W | 3 | o | 30.33 | + | 16 | 56 | 55 | 0 | NW | 2 | cm | 3 | 58 | 52 | 0.04 | | |
| Prawle Point ... | 30.23 | 55 | WSW | 2 | c | 30.32 | + | 12 | 58 | 55 | + | 4 | ENE | 1 | b | 1 | 59 | 50 | - | |
| Hurst Castle ... | 30.22 | 55 | WSW | 3 | cm | 30.32 | + | 11 | 56 | 53 | + | 4 | NNE | 1 | m | 2 | 58 | 49 | - | |
| †Dover ... | 30.19 | 57 | W | 4 | b | 30.29 | + | 11 | 59 | 56 | + | 1 | W | 1 | o | 0 | 61 | 56 | - | |
| †London ... | 30.18 | 62 | SSW | 2 | cg | 30.30 | + | 12 | 62 | 58 | + | 2 | Z | 0 | bc | • | 66 | 54 | - | |
| Oxford ... | 30.19 | 62 | SW | 2 | c | 30.32 | + | 14 | 59 | 56 | + | 8 | W | 1 | bc | • | 64 | 49 | - | |
| Cambridge ... | 30.16 | 63 | SW | 1 | c | 30.30 | + | 15 | 63 | 59 | + | 3 | NNW | 1 | b | • | 67 | 52 | - | |
| †Yarmouth ... | 30.13 | 67 | W | 2 | bc | 30.28 | + | 15 | 61 | 57 | + | 3 | N | 2 | b | 2 | 69 | 57 | - | |
| The Helder ... | 30.17 | 57 | WSW | 1 | b | 30.22 | + | 10 | 57 | 56 | + | 3 | WNW | 1 | c | 1 | 63 | 50 | - | |
| Cape Griz Nez ... | ? | 57 | SW | 5 | b | ? | ? | 55 | 55 | | | SW | 3 | o | 2 | 61 | 54 | - | | |
| †Jersey ... | 30.25 | 56 | W | 2 | of | 30.32 | + | 09 | 55 | 55 | 0 | NNW | 1 | f | 1 | 58 | 51 | 0.07 | | |
| Brest ... | 30.29 | 56 | W | 3 | m | 30.34 | + | 09 | 53 | 63 | - | 3 | NW | 3 | m | 2 | 57 | 53 | - | |
| Lorient ... | 30.29 | 54 | NW | 7 | • | 30.35 | + | 05 | 50 | 52 | - | 1 | N | 3 | bc | 1 | 64 | 48 | - | |
| †Rochefort ... | 30.29 | 61 | NW | 7 | o | 30.32 | + | 02 | 59 | 57 | + | 2 | NE | 4 | bc | 2 | 68 | 50 | - | |
| Biarritz ... | 30.28 | 59 | N | 5 | b | 30.29 | + | 01 | 59 | 56 | + | 1 | N | 5 | bc | 1 | 61 | 57 | - | |
| Corunna ... | • | • | • | • | • | 30.30 | + | 10 | 57 | 54 | + | 2 | NNW | 1 | o | * | 67 | 51 | - | |
| Brussels ... | • | • | • | • | • | 30.30 | + | 10 | 57 | 54 | + | 2 | NNW | 1 | o | * | 67 | 51 | - | |
| Charleville ... | ? 30.20 | 63 | NE | 3 | m | ? 30.25 | + | 07 | 56 | 51 | + | 5 | NE | 1 | m | * | 64 | 47 | - | |
| Paris ... | 30.25 | 65 | NW | 3 | b | 30.34 | + | 09 | 58 | 54 | + | 4 | Z | 0 | b | • | • | • | - | |
| Lyons ... | 30.13 | 61 | NNE | 7 | bc | 30.13 | - .02 | 55 | 50 | + | 2 | N | 7 | b | • | 66 | 50 | - | | |
| Toulon ... | 30.13 | 60 | SW | 3 | t | 30.15 | + | 04 | 60 | 55 | - | 1 | E | 3 | o | 2 | 72 | 55 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.98 | 54 | WSW | 4 | o | 29.06 | + | 24 | 52 | 48 | 0 | WSW | 2 | b | • | 55 | 42 | - | | |

WEATHER.—*Bearfort Scale* is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) veerast; 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

* These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^r Dangerfield 15th London

WEATHER

for 8 a.m. on *Thursday*.

CHARTS

12th JUNE.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; →→ = forces 4 to 5;

○ = dead calm.

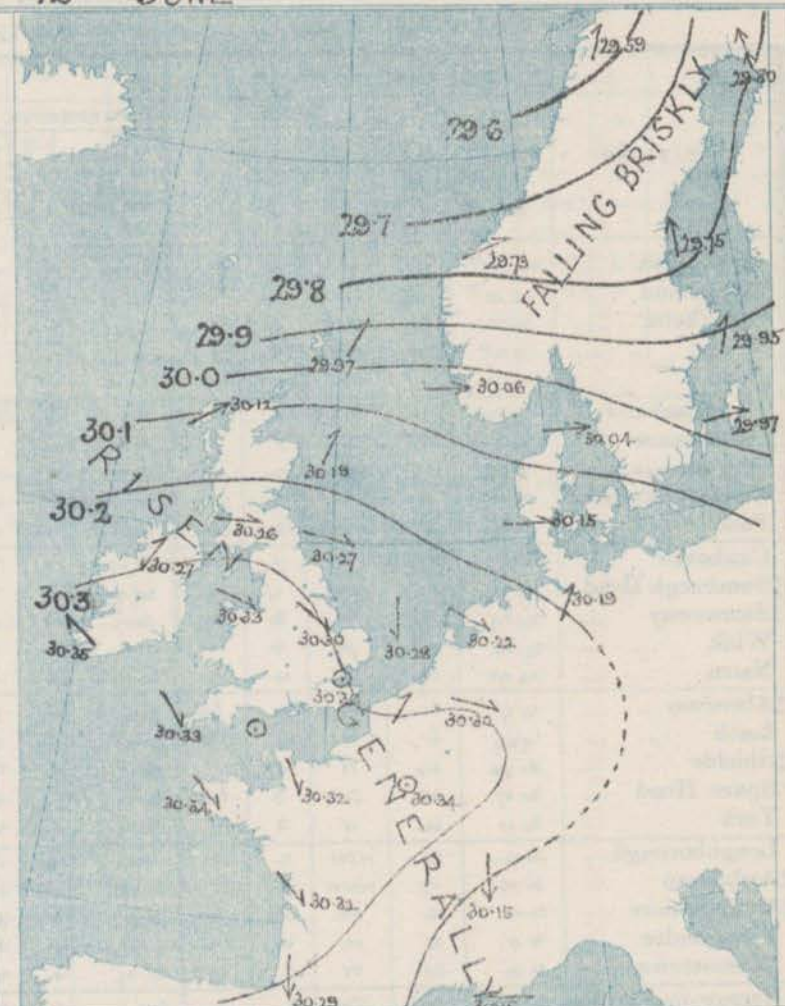
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.915 |
| York | 29.936 |
| Ardrossan | 29.935 |
| Donaghadee | 29.890 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.920 |
| Roch's Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.967 |
| LONDON | 29.963 |
| Oxford | 29.953 |
| Cambridge | 29.950 |
| Yarmouth | 29.958 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 58.1 | 59.1 | 2.04 |
| Stornoway | 59.2 | 61.2 | 3.03 |
| Wick | 59.3 | 60.7 | 1.59 |
| Nairn | 59.8 | 60.8 | 2.00 |
| Aberdeen | 59.8 | 61.1 | 1.87 |
| Leith | 59.4 | 63.1 | 1.96 |
| Shields | 59.2 | 61.9 | 1.76 |
| York | 59.6 | 63.2 | 2.47 |
| Ardrossan | 59.6 | 62.1 | 3.77 |
| Donaghadee | 59.4 | 63.3 | 2.12 |
| Holyhead | 59.7 | 63.3 | 1.98 |
| Liverpool | 59.9 | 63.0 | 1.87 |
| Valencia | 59.9 | 63.9 | 3.62 |
| Roch's Point | 59.8 | 63.6 | 3.36 |
| Pembroke | 59.4 | 63.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 1.89 |
| Hurst Castle | 58.1 | 55.9 | 1.98 |
| Dover | 59.1 | 55.6 | 1.76 |
| LONDON | 59.4 | 55.3 | 2.24 |
| Oxford | 57.2 | 55.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Thursday 12th June 1884, at 8 a.m.*

The anticyclone which lay over France yesterday has since extended over Ireland and England, while the large depression noticed off the north-west of Scotland has moved away in a north-easterly direction. In consequence of these changes the barometer has risen at all but the Swedish stations, where a rather decided fall has taken place. Moderate or fresh SW^{ly} breezes are reported in Scotland and the north of Scandinavia, but at our more southern stations the wind is light from the NWnd or Nnd. The weather is very fine over the whole of our island and France, but on the eastern shore of the North Sea the sky is cloudy, and at Bodo and Hernösand rain is falling. Temperature has risen a little in most places, and readings now range from 63° at Cambridge to 51° in the Shetlands. The highest maxima registered yesterday were 65° at Yarmouth, 67° at York, Loughborough, Donaghadee and Cambridge. The sea is slight or smooth generally.

The anticyclone over Ireland, England, and France seems likely to remain for a time at least, so that fine, warm weather is probable at all stations.

FORECASTS

for the 24 hours ending at NOON on *13th June 1884.*
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|---|--------------------|---|
| 0 { SCOTLAND NORTH | SW ^{ly} winds, moderate or fresh; fine generally | 6 { SCOTLAND WEST | N ^{ly} winds, light; fine, warm. |
| 1 { SCOTLAND EAST | -----D-----D-----D----- | 7 { ENGLAND N. W. | -----D-----D-----D----- |
| 2 { ENGLAND N. E. | Same as N ^o 5 | 8 { ENGLAND S. W. | Tight variable air; fine, hazy |
| 3 { ENGLAND EAST | Same as N ^o 5 | 9 { IRELAND NORTH | Same as N ^o 0 & 1 |
| 4 { MIDLAND COUNTIES | Same as N ^o 5 | 10 { IRELAND SOUTH | Same as N ^o 8 |
| 5 { ENGLAND SOUTH | NH ^{ly} or N ^{ly} winds, light; fine, warm | WARNINGS | None Issued |

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

| TIDE GAUGES 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|----|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. |
| Skudesnaes | 29.96 | 55 | 57 | SSE | 6 | 0 | 4. | Valencia | 30.20 | 59 | 57 | WSW | 4 | om | 4 |
| Sumburgh Head | 29.69 | 52 | 50 | SW | 3 | 0 | 3 | Scilly | 30.22 | 57 | 56 | W | 2 | c | 3 |
| Stornoway | 29.50 | 56 | 51 | W | 6 | cyp | 5 | Dover | 30.19 | 59 | 56 | WSW | 4. | b | 2 |
| Aberdeen | 29.85 | 62 | 55 | SSW | 4 | 0 | 2 | London | 30.18 | 60 | 57 | SSW | 3 | 0 | 4 |
| Shields | 30.04 | 63 | 57 | WSW | 4 | om | 2 | Yarmouth | 30.12 | 61 | 57 | SSE | 4 | b | 4 |
| Ardrossan | 29.98 | 59 | 57 | W | 4 | c | 3 | Jersey | 30.25 | 57 | 57 | WSW | 2 | f | 2 |
| Mullaghmore | 30.05 | 58 | 54 | W | 6 | bcn | 5 | Rocheport | 30.31 | 66 | 59 | NW | 5 | b | 2 |
| Holyhead | 30.11 | 59 | 56 | SSW | 4 | 0 | 3 | | | | | | | | |

REMARKS.

The barometer has risen at all but our eastern stations, and the wind at Stornoway and Mullaghmore has veered to W. The weather is cloudy in most places, and passing showers are reported at Stornoway. Sea is rather rough on our extreme NW coast, slight or smooth elsewhere.

DAILY WEATHER REPORT

for Friday 13th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|---------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|----------------|---------------------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 12) | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda | 29.54 | 43 | W | 2 | r | 29.54 | - .26 | 51 | 46 | + 3 | NW | 8 | bc | * | ? | 39 | 0.47 | |
| Hernösand ... | 29.82 | 53 | WNW | 6 | b | 29.93 | + .18 | 50 | 45 | + 9 | WNW | 8 | c | * | 63 | 41 | 0.20 | |
| Stockholm ... | 29.94 | 55 | ENE | 4 | b | 30.07 | + .12 | 59 | 51 | + 3 | WSW | 2 | b | * | 68 | 46 | - | |
| Wisby ... | 29.95 | 50 | W | 4 | b | 30.08 | + .11 | 50 | 49 | - 5 | WNW | 4 | b | * | ? | 45 | - | |
| Bodö | 29.63 | 47 | SW | 6 | o | 29.72 | + .13 | 47 | 46 | - 1 | WSW | 4 | o | 3 | 48 | 42 | 0.24 | |
| Christiansund ... | 29.95 | 48 | WSW | 8 | o | 29.91 | + .18 | 46 | 45 | - 4 | SE | 3 | r | 3 | ? | 43 | 0.32 | |
| Skudesnaes ... | 30.24 | 51 | WNW | 6 | c | 30.14 | + .08 | 54 | 50 | + 1 | SSE | 6 | r | 4 | 68 | ? | - | |
| Oxö (Xiansund) ... | 30.21 | 56 | W | 5 | m | 30.18 | + .18 | 50 | 49 | - 1 | WSW | 4 | b | 2 | 61 | 48 | - | |
| Skagen (The Skaw) | 30.14 | 55 | W | 4 | b | 30.21 | + .17 | 57 | 51 | - 1 | WNW | 4 | b | 4 | 61 | 52 | - | |
| Fanö | 30.20 | 51 | NW | 2 | b | 30.31 | + .16 | 59 | 53 | - 1 | NNW | 3 | b | * | 64 | 46 | - | |
| Cuxhaven ... | 30.20 | 52 | N | 3 | m | 30.34 | + .15 | 57 | 46 | 0 | E | 2 | b | * | 62 | 50 | - | |
| Sumburgh Head | 30.10 | 50 | WSW | 4 | o | 29.86 | - .11 | 54 | 50 | + 3 | WSW | 4 | r | 4 | 55 | 47 | 0.01 | |
| Stornoway ... | 30.05 | 53 | S | 7 | r | 29.98 | - .14 | 50 | 50 | - 3 | WNW | 6 | rq | 5 | 58 | 49 | 0.39 | |
| Wick ... | 30.08 | 55 | SW | 4 | o | 29.95 | - .16 | 58 | 57 | + 6 | W | 3 | r | 2 | 65 | 52 | 0.02 | |
| Nairn ... | 30.00 | 62 | W | 5 | b | 29.95 | - .22 | 65 | 60 | + 10 | W | 5 | o | 3 | 67 | 54 | - | |
| Aberdeen ... | 30.16 | 66 | SSW | 4 | b | 30.05 | - .14 | 67 | 60 | + 11 | WSW | 5 | b | 1 | 67 | 62 | - | |
| Leith ... | 30.22 | 66 | W | 1 | bc | 30.18 | - .13 | 68 | 61 | + 13 | W | 4 | bc | * | 69 | 54 | - | |
| Shields ... | 30.28 | 58 | SSE | 1 | bc | 30.21 | - .06 | 64 | 59 | + 8 | SW | 2 | cm | 1 | 66 | 51 | - | |
| Spurn Head ... | 30.24 | 56 | ESE | 3 | b | 30.26 | - .01 | 60 | 57 | 0 | SSW | 2 | b | 2 | 61 | 54 | - | |
| York ... | 30.21 | 67 | WNW | 1 | b | 31.27 | - .03 | 62 | 55 | + 5 | SSW | 1 | b | * | 72 | 49 | - | |
| Loughborough... | 30.30 | 72 | W | 1 | b | 31.29 | - .01 | 62 | 59 | 0 | SE | 1 | bm | * | 76 | 49 | - | |
| Ardrossan ... | 30.26 | 56 | SSW | 2 | o | 30.44 | - .12 | 57 | 57 | + 1 | SW | 2 | o | 2 | 59 | 54 | - | |
| Mullaghmore ... | 30.22 | 67 | SW | 5 | c | 30.15 | - .12 | 57 | 57 | + 2 | WSW | 5 | or | 4 | 69 | 55 | - | |
| Donaghadee ... | 30.27 | 60 | SSW | 4 | c | 30.19 | - .12 | 66 | 63 | + 12 | SSW | 2 | bc | 0 | 60 | 53 | - | |
| Parsonstown ... | 30.30 | 71 | SW | 1 | c | 30.28 | - .09 | 65 | 61 | + 10 | S. | 1 | bc | * | 73 | 54 | 0.01 | |
| Barrow-in-Furness | 30.31 | 58 | W | 2 | b | 30.27 | - .02 | 56 | 50 | + 4 | ? SSE | 3 | b | 2 | 60 | 50 | - | |
| Holyhead ... | 30.33 | 60 | SSW | 2 | b | 30.27 | - .06 | 54 | 52 | - 4 | SSW | 5 | f | 3 | 64 | 52 | - | |
| Liverpool (Bidston) | 30.33 | 61 | NW | 1 | b | 30.26 | - .07 | 66 | 61 | + 7 | SSE | 1 | b | 0 | 67 | 54 | - | |
| Valencia ... | 30.33 | 57 | SSE | 4 | om | 30.29 | - .06 | 59 | 58 | + 2 | SSW | 3 | om | 4 | 60 | 55 | - | |
| Roche's Point .. | 30.35 | 57 | SSW | 3 | bc | 30.30 | - .08 | 60 | 57 | + 3 | W | 3 | bc | 3 | 64 | 54 | - | |
| Pembroke ... | 30.34 | 58 | NW | 2 | bc | 30.31 | - .02 | 59 | 53 | - 1 | W | 1 | f | 1 | 58 | 51 | - | |
| Scilly ... | 30.35 | 59 | N | 2 | b | 30.31 | - .02 | 57 | 55 | + 1 | N | 2 | c | 4 | 61 | 53 | - | |
| Prawle Point ... | 30.34 | 63 | WSW | 1 | f | 30.29 | - .04 | 62 | 58 | + 4 | Z | 0 | f | 0 | 65 | 54 | - | |
| Hurst Castle ... | 30.32 | 46 | WSW | 3 | m | 30.32 | 0.00 | 60 | 58 | + 4 | NE | 1 | b | 1 | 64 | 51 | - | |
| Dover ... | 30.31 | 60 | ENE | 1 | b | 30.31 | + .00 | 65 | 59 | + 8 | ENE | 1 | b | 1 | 65 | 53 | - | |
| London ... | 30.30 | 72 | W | 1 | bm | 30.33 | + .03 | 62 | 57 | 0 | SW | 2 | b | * | 73 | 61 | - | |
| Oxford ... | 30.30 | 65 | Z | 0 | b | 30.30 | - .02 | 64 | 60 | + 5 | SSE | 1 | bw | * | 73 | 53 | - | |
| Cambridge ... | 30.30 | 70 | SE | 1 | b | 30.30 | 0.00 | 62 | 59 | - 1 | S | 1 | bm | * | 75 | 50 | - | |
| Yarmouth ... | 30.34 | 62 | ENE | 2 | b | 30.32 | + .04 | 67 | 54 | - 5 | SE | 2 | b | 2 | 63 | 51 | - | |
| The Helder ... | 30.32 | 59 | NNW | 1 | b | 30.31 | + .10 | 58 | 55 | + 1 | NNE | 1 | b | 1 | 63 | 54 | - | |
| Cape Griz Nez... | ? | 61 | NE | 1 | b | ? | ? | 59 | 59 | + 4 | E | 1 | m | 2 | 66 | 54 | - | |
| Jersey ... | 30.32 | 61 | N | 1 | bc | 30.31 | - .01 | 55 | 55 | 0 | NW | 1 | f | 1 | 63 | 50 | - | |
| Brest ... | 30.34 | 59 | NNW | 4 | o | 30.32 | - .02 | 53 | 53 | 0 | Z | 0 | m | 2 | 61 | 48 | - | |
| Lorient ... | 30.29 | 60 | WNW | 4 | bc | 30.30 | - .05 | 54 | 54 | + 1 | E | 4 | f | 1 | 66 | 50 | - | |
| Rochefort ... | 30.27 | 64 | NW | 7 | b | 30.26 | - .06 | 59 | 57 | 0 | NE | 5 | o | 2 | 72 | 50 | - | |
| Biarritz ... | 30.26 | 61 | NW | 4 | o | 30.21 | - .08 | 59 | 57 | 0 | N | 5 | o | 2 | 63 | 57 | - | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels ... | * | * | * | * | * | 30.29 | - .01 | 59 | 56 | + 2 | NNE | 1 | b | * | 84 | 52 | - | |
| Charleville ... | ? 30.25 | 69 | NNW | 3 | b | ? 30.24 | - .02 | 61 | 56 | + 5 | NE | 3 | b | * | 72 | 52 | - | |
| Paris ... | 29.97 | 70 | Z | 0 | b | 30.24 | - .10 | 62 | 59 | + 3 | Z | 0 | b | * | * | * | - | |
| Lyons ... | 30.11 | 64 | NNE | 5 | o | 30.13 | + .02 | 58 | 53 | + 3 | N | 1 | b | * | 67 | 52 | - | |
| Toulon ... | 30.21 | 54 | SE | 1 | o | 30.24 | + .09 | 60 | 55 | 0 | E | 1 | c | 2 | 72 | 54 | 0.20 | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.09 | 58 | W | 3 | b | 29.03 | - .03 | 61 | 55 | + 9 | SW | 3 | b | * | 61 | 45 | - | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|----|---|---|---|----|----|---|
| Hawes Junction | 29.09 | 58 | W | 3 | b | 29.03 | - .03 | 61 | 55 | + 9 | SW | 3 | b | * | 61 | 45 | - |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|----|---|---|---|----|----|---|

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by Dangerfield Lith. London.

WEATHER

CHARTS

for 8 a.m. on *Friday*

13th JUNE.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isotherms are drawn for each tenth of an inch changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; → = forces 8 to 10;
 → = forces 5 to 7; → = forces 1 to 4;
 ○ = dead calm.

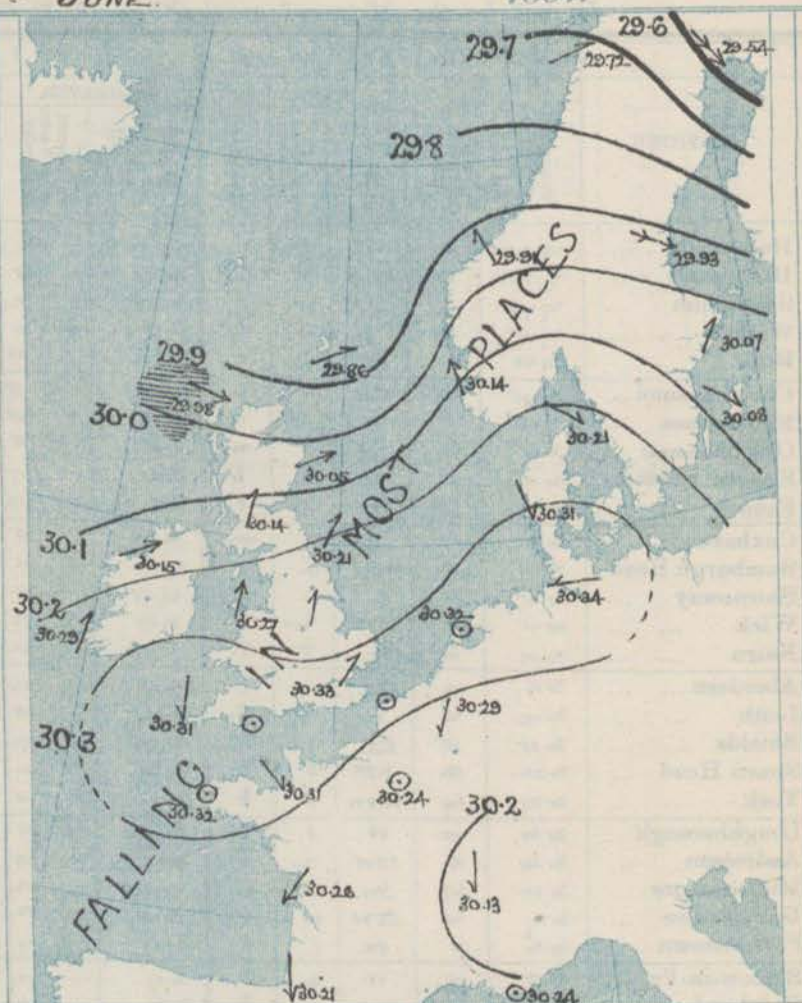
Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
 During the 10 Years 1871-1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.860 |
| Stornoway | 29.852 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.882 |
| Shields | 29.818 |
| York | 29.835 |
| Ardrossan | 29.856 |
| Donaghadee | 29.838 |
| Holyhead | 29.928 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Rock's Point | 29.879 |
| Pembroke | 29.837 |
| Sally | 29.871 |
| Hurst Castle | 29.869 |
| Dover | 29.862 |
| LONDON | 29.863 |
| Oxford | 29.861 |
| Cambridge | 29.860 |
| Yarmouth | 29.858 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather is shown by letters of the Beaufort Scale.

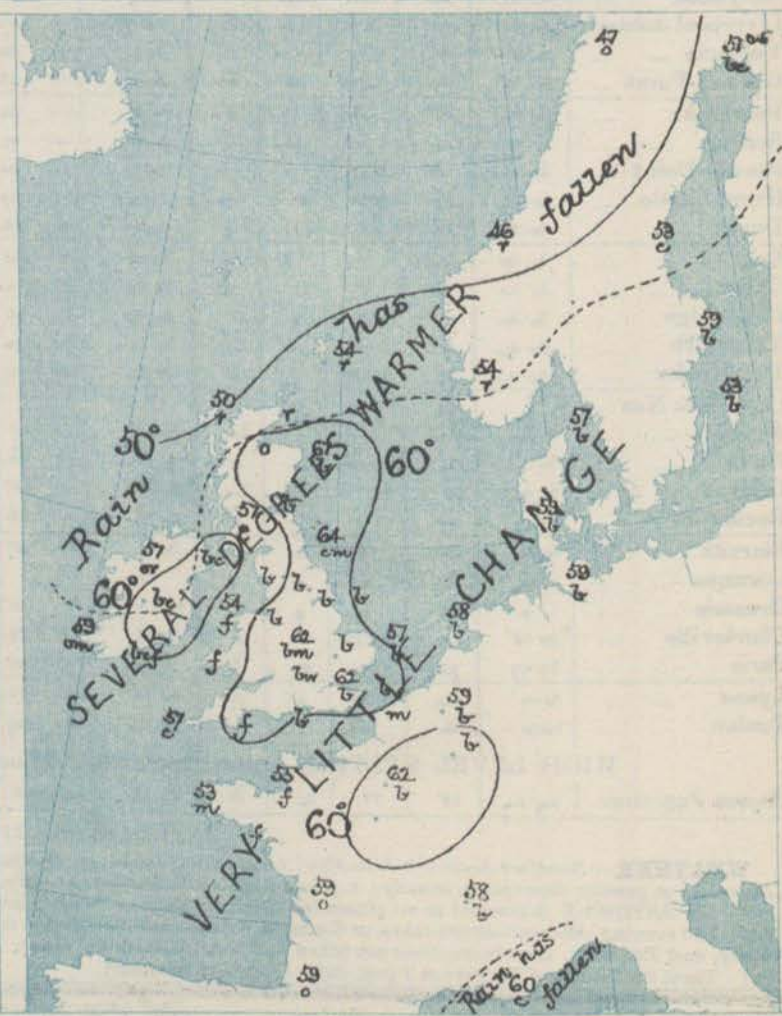
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 59.7 | 49.1 | 2.04 |
| Stornoway | 59.2 | 51.7 | 3.03 |
| Wick | 59.3 | 50.7 | 1.69 |
| Nairn | 59.6 | 50.8 | 2.00 |
| Aberdeen | 59.6 | 51.1 | 1.87 |
| Leith | 59.4 | 51.1 | 1.86 |
| Shields | 59.2 | 51.0 | 1.76 |
| York | 59.6 | 53.2 | 2.47 |
| Ardrossan | 59.6 | 52.1 | 2.77 |
| Donaghadee | 59.4 | 53.3 | 2.12 |
| Holyhead | 59.7 | 53.3 | 1.88 |
| Liverpool | 59.9 | 53.0 | 1.87 |
| Valencia | 59.9 | 53.0 | 3.52 |
| Rock's Point | 59.8 | 53.6 | 3.36 |
| Pembroke | 59.4 | 53.2 | 4.07 |
| Sally | 59.2 | 55.2 | 1.89 |
| Hurst Castle | 59.1 | 55.9 | 1.86 |
| Dover | 59.1 | 55.5 | 1.76 |
| LONDON | 59.4 | 56.3 | 2.24 |
| Oxford | 59.2 | 56.9 | 2.22 |
| Cambridge | 59.1 | 58.9 | 2.30 |
| Yarmouth | 59.2 | 54.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for *Friday 13th June 1884.* at 8 a.m.

In the course of the past twenty-four hours the barometer has fallen in most parts of Western Europe and while a large depression has appeared to the northward of Scotland the anticyclone noticed yesterday has become more attenuated. The wind is fresh or strong from the Wnd on our extreme northern coasts, and moderate from the Snd in Ireland and in the north of Scotland, but in the south of England light variable airs are reported. A fresh S³ gale was experienced last night at Stormoway. Rain is falling in the west of Norway and north of Scotland, as well as at Mullaghmore, but elsewhere fine weather continues. Temperature has risen several degrees in the west and north, and readings now range from 68° at Leth to 50° at Stormoway. The highest maxima registered yesterday were 76° at Loughboro', 75° at Cambridge, and 73° at Parslocton, Oxford, and in London. The sea is rather rough at Stormoway, moderate to smooth elsewhere.

The depression in the north will probably move away in a north-easterly direction, and fine weather is likely to continue over the greater part of England.

FORECASTS

for the 24 hours ending at NOON on *14th June 1884.*
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|---|-----------------------|--|
| 0 { SCOTLAND NORTH | N th or S th winds, fresh or strong; cloudy, rain at times | 6 { SCOTLAND WEST | S th & S th winds, moderate; fair generally |
| 1 { SCOTLAND EAST | S th winds, moderate; fine generally | 7 { ENGLAND N. W. | -----D-----D-----D----- |
| 2 { ENGLAND N. E. | -----D-----D-----D----- | 8 { ENGLAND S. W. | Variable breezes, finally S th ; foggy to fine |
| 3 { ENGLAND EAST | Same as N ^o 5 | 9 { IRELAND NORTH | S th & S th winds, fresh; cloudy, some rain |
| 4 { MIDLAND COUNTIES | Same as N ^o 5 | 10 { IRELAND SOUTH | -----D-----D-----D----- |
| 5 { ENGLAND SOUTH | Tight variable airs; fine, hazy, warm. | WARNINGS | The South Cone has hoisted last evening in district 0 |

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | |
|---------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|---|
| Skudesnaes | 30.08 | 56 | 51 | W | 8 | 4 | Valencia | 30.35 | 58 | 57 | SSE | 5 | 0 | 5 |
| Sumburgh Head | 30.08 | 59 | 50 | WSW | 5 | 0 | Scilly | 30.35 | 61 | 56 | N | 2 | be | 3 |
| Stornoway | 30.12 | 54 | 52 | S | 6 | 0 | Dover | 30.20 | 61 | 58 | WSW | 1 | b | 0 |
| Aberdeen | 30.20 | 61 | 55 | S | 4 | 1 | London | 30.21 | 62 | 60 | NW | 2 | be | * |
| Shields | 30.29 | 62 | 55 | WSW | 2 | 1 | Yarmouth | 30.24 | 61 | 55 | NE | 4 | b | 2 |
| Ardrossan | 30.29 | 57 | 50 | SSW | 1 | 0 | Jersey | 30.24 | 61 | 59 | NE | 1 | be | 1 |
| Mullaghmore | 30.23 | 67 | 61 | SW | 5 | 0 | Rochefort | 30.32 | 68 | 62 | NW | 5 | be | 2 |
| Holyhead | 30.34 | 63 | 55 | SW | 2 | 2 | | | | | | | | |

REMARKS.

The barometer has begun to fall a little at Mullaghmore, and the winds on our extreme W coasts are backing, with dull weather; elsewhere the mercury continues to rise, the winds are unchanged and the weather remains fine. The sea is rather rough at Sumburgh Hd, Stornoway and Valencia, slight elsewhere.

DAILY WEATHER REPORT

for *Saturday 14th June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|----------------|---------------------|------|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 12) | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12) | | | Max. | Min. | | |
| Haparanda | 29.65 | 56 | N | 2 | b | 29.55 | -.01 | 41 | 46 | - | 4 | ESE | 2 | b | * | 59 | 41 | - |
| Hernösand ... | 29.76 | 53 | S | 2 | c | 29.68 | -.08 | 51 | 46 | - | 2 | N | 2 | b | * | 70 | 45 | - |
| Stockholm ... | 29.92 | 59 | W | 2 | b | 29.82 | -.10 | 58 | 53 | - | 1 | ? W | 8 | o | * | 70 | 46 | - |
| Wisby ... | 29.93 | 60 | SW | 4 | b | 29.85 | -.08 | 61 | 55 | + | 8 | WSW | 6 | b | * | 72 | 50 | - |
| Bodö ... | 29.55 | 48 | E | 2 | r | 29.47 | -.08 | 48 | 45 | + | 1 | E | 2 | c | 1 | 42 | 43 | 0.35 |
| Christiansund ... | 29.50 | 47 | WSW | 8 | o | 29.66 | -.16 | 46 | 43 | - | 0 | WSW | 8 | r | 5 | 52 | 41 | 0.20 |
| Skudesnaes ... | 30.06 | 49 | NNW | 4 | r | 30.05 | -.01 | 51 | 48 | - | 2 | W | 6 | b | 4 | 58 | 48 | - |
| Oxö (Ådamsund) ... | 30.01 | 54 | SW | 4 | m | 30.01 | -.01 | 50 | 50 | - | 0 | NNW | 6 | b | 2 | 59 | 50 | - |
| Skagen (The Skaw) | 30.11 | 55 | NNW | 6 | b | 30.01 | -.10 | 55 | 47 | - | 2 | NNW | 6 | c | 6 | 63 | 52 | - |
| Fanö ... | 30.15 | 52 | Z | 0 | b | 30.10 | -.05 | 55 | 50 | - | 4 | NNW | 5 | o | * | 63 | 50 | - |
| Cuxhaven ... | 30.20 | 60 | NE | 2 | b | 30.14 | -.06 | 61 | 59 | + | 2 | N | 2 | b | * | 61 | 52 | - |
| † Sumbargh Head | 29.99 | 51 | W | 5 | c | 29.99 | 0 | 49 | 47 | - | 5 | W | 5 | o | 5 | 55 | 46 | 0.12 |
| † Stornoway ... | 30.16 | 51 | W | 6 | b | 30.20 | +.04 | 50 | 49 | - | 0 | W | 5 | b | 4 | 55 | 44 | 0.04 |
| Wick ... | 30.11 | 50 | W | 5 | b | 30.15 | +.04 | 51 | 49 | - | 7 | NNW | 5 | b | 3 | 59 | 44 | 0.10 |
| Nairn ... | 30.15 | 55 | NNW | 4 | b | 30.22 | +.07 | 50 | 46 | - | 15 | W | 2 | o | 2 | 65 | 46 | 0.15 |
| † Aberdeen ... | 30.17 | 60 | NNW | 3 | b | 30.20 | +.03 | 54 | 47 | - | 13 | W | 4 | b | 1 | 72 | 41 | 0.19 |
| Leith ... | 30.21 | 69 | W | 3 | b | 30.20 | -.01 | 54 | 48 | - | 14 | NNW | 3 | b | * | 74 | 44 | 0.02 |
| † Shields ... | 30.19 | 60 | NNW | 4 | o | 30.31 | +.12 | 55 | 47 | - | 9 | NNW | 4 | b | 2 | 76 | 43 | - |
| Spurn Head ... | 30.15 | 61 | SE | 2 | b | 30.29 | +.14 | 54 | 52 | - | 6 | N | 6 | b | 3 | 64 | 52 | - |
| York ... | 30.19 | 74 | W | 1 | b | 30.33 | +.14 | 55 | 49 | - | 7 | NNW | 2 | b | * | 80 | 48 | - |
| Loughborough ... | 30.16 | 77 | W | 2 | b | 30.30 | +.14 | 60 | 55 | - | 2 | NNW | 3 | c | 4 | 81 | 55 | - |
| † Ardrossan ... | 30.26 | 55 | NNW | 4 | b | 30.35 | +.09 | 55 | 52 | - | 2 | NNW | 3 | b | 2 | 59 | 48 | 0.12 |
| † Mullaghmore ... | 30.35 | 54 | NNW | 5 | b | 30.45 | +.10 | 50 | 49 | - | 4 | NNW | 4 | b | 3 | 58 | 52 | 0.15 |
| Donaghadee ... | 30.32 | 55 | N | 5 | c | 30.41 | +.09 | 50 | 50 | - | 13 | NNW | 3 | b | 1 | 73 | 41 | 0.14 |
| Parsonstown ... | 30.33 | 58 | NN | 1 | c | 30.50 | +.17 | 51 | 46 | - | 14 | N | 1 | b | * | 68 | 38 | - |
| Barrow-in-Furness | 30.21 | 58 | NN | 3 | c | 30.34 | +.13 | 52 | 47 | - | 4 | N | 4 | b | 3 | 66 | 46 | - |
| † Holyhead ... | 30.27 | 54 | N | 4 | o | 30.41 | +.14 | 54 | 50 | - | 0 | N | 5 | b | 4 | 60 | 49 | 0.05 |
| Liverpool (Bidston) | 30.24 | 57 | NNW | 2 | o | 30.36 | +.12 | 55 | 49 | - | 11 | NNW | 3 | b | 4 | 74 | 50 | - |
| † Valencia ... | 30.36 | 56 | N | 4 | c | 30.51 | +.15 | 55 | 51 | - | 4 | NNE | 4 | b | 4 | 60 | 46 | - |
| Roche's Point .. | 30.32 | 60 | NNW | 4 | c | 30.45 | +.13 | 50 | 49 | - | 7 | NNE | 5 | b | 4 | 65 | 45 | 0.08 |
| Pembroke ... | 30.37 | 55 | W | 2 | f | 30.34 | +.03 | 50 | 48 | - | 0 | NNW | 6 | b | 3 | 58 | 49 | - |
| † Scilly ... | 30.29 | 57 | NN | 2 | f | 30.31 | -.02 | 55 | 51 | - | 2 | NNE | 6 | c | 5 | 61 | 53 | - |
| Prawle Point ... | 30.23 | 71 | NN | 1 | b | 30.25 | -.02 | 41 | 59 | - | 1 | NNW | 4 | b | 2 | 71 | 55 | - |
| Hurst Castle ... | 30.21 | 62 | SW | 2 | b | 30.22 | -.01 | 61 | 58 | + | 1 | NNE | 4 | b | 2 | 70 | 57 | - |
| † Dover ... | 30.20 | 60 | E | 2 | b | 30.18 | -.02 | 60 | 57 | - | 5 | NE | 4 | b | 2 | 65 | 53 | - |
| † London ... | 30.19 | 74 | ESE | 1 | b | 30.24 | +.05 | 61 | 56 | - | 1 | NE | 3 | b | * | 76 | 51 | - |
| Oxford ... | 30.17 | 72 | NNW | 1 | b | 30.28 | +.11 | 57 | 55 | - | 7 | N | 4 | o | * | 78 | 50 | - |
| Cambridge ... | 30.17 | 70 | S | 1 | b | 30.26 | +.09 | 59 | 56 | - | 3 | N | 2 | b | * | 79 | 53 | - |
| † Yarmouth ... | 30.20 | 60 | SSE | 3 | b | 30.24 | -.04 | 58 | 54 | + | 1 | N | 4 | b | 3 | 61 | 53 | - |
| The Helder ... | 30.18 | 59 | W | 1 | b | 30.15 | -.03 | 60 | 50 | + | 2 | Z | 0 | b | 2 | 68 | 57 | - |
| Cape Griz Nez ... | ? | 59 | N | 14 | b | ? | ? | 59 | 57 | - | 0 | NE | 1 | b | 0 | 66 | 52 | - |
| † Jersey ... | 30.20 | 64 | N | 2 | b | 30.19 | -.01 | 59 | 58 | + | 4 | NNE | 5 | b | 4 | 67 | 54 | - |
| Brest ... | 30.26 | 65 | NNE | 4 | b | 30.26 | 0 | 54 | 54 | + | 1 | NNE | 4 | m | 3 | 70 | 52 | - |
| Lorient ... | 30.22 | 64 | NN | 1 | b | 30.21 | -.01 | 59 | 56 | + | 5 | N | 3 | b | 1 | 68 | 50 | - |
| † Rochefort ... | 30.18 | 68 | NN | 4 | b | 30.15 | -.03 | 61 | 58 | + | 2 | NNE | 5 | m | 2 | 82 | 54 | - |
| Biarritz ... | 30.19 | 60 | W | 5 | o | 30.15 | -.04 | 59 | 57 | - | 0 | W | 5 | r | 2 | 63 | 57 | 0.39 |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels ... | * | * | * | * | * | 30.13 | -.06 | 64 | 57 | + | 5 | NNW | 3 | b | * | 76 | 55 | - |
| Charleville ... | 30.12 | 74 | NE | 1 | b | 30.09 | -.03 | 66 | 59 | + | 5 | NNE | 4 | b | * | 77 | 56 | - |
| Paris ... | 30.17 | 73 | N | 1 | b | 30.13 | -.04 | 65 | 60 | + | 3 | NNE | 4 | b | * | * | * | - |
| Lyons ... | ? | 70 | NNE | 1 | b | 30.07 | -.06 | 61 | 57 | + | 3 | ESE | 1 | b | * | 75 | 50 | 0.08 |
| Toulon ... | 30.24 | 65 | SSE | 1 | b | 30.21 | -.03 | 60 | ? | - | 0 | E | 1 | b | 2 | 68 | 57 | 0.16 |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.08 | 55 | NN | 4 | o | 29.09 | +.01 | 50 | 45 | - | 11 | N | 2 | b | * | 67 | 39 | - |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred. Dargatzidis, Lith. London.

WEATHER CHARTS

for 8 a.m. on *Saturday 14th JUNE* 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

→ = forces above 10; →→ = forces 8 to 10;
→→ = forces 5 to 7; →→ = forces 1 to 4;
○ = dead calm.

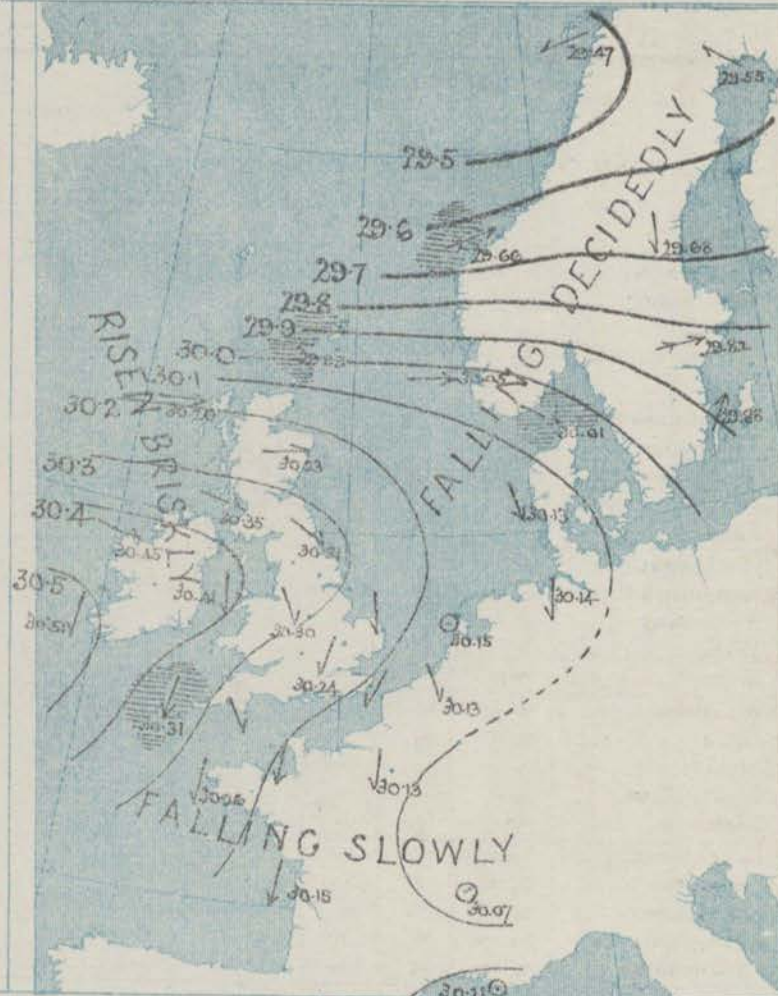
Sea Disturbance—where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *June*.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Swinburgh Head | 29.860 |
| Stormway | 29.872 |
| Wick | 29.881 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.912 |
| York | 29.936 |
| Ardrossan | 29.956 |
| Donaghadee | 29.958 |
| Holyhead | 29.979 |
| Liverpool | 29.970 |
| Valencia | 30.029 |
| Roches Point | 29.929 |
| Pembroke | 29.907 |
| Scilly | 29.871 |
| Burst Castle | 29.865 |
| Dover | 29.902 |
| LONDON | 29.953 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.956 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature—Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of *June*.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Swinburgh Head | 50.7 | 49.1 | 2.04 |
| Stormway | 54.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.59 |
| Nairn | 54.8 | 50.8 | 2.00 |
| Aberdeen | 54.8 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.96 |
| Shields | 55.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 56.6 | 52.1 | 2.77 |
| Donaghadee | 56.4 | 53.3 | 2.72 |
| Holyhead | 56.7 | 53.3 | 1.98 |
| Liverpool | 56.8 | 53.0 | 1.87 |
| Valencia | 56.9 | 53.9 | 3.62 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.4 | 53.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 1.89 |
| Burst Castle | 58.1 | 55.9 | 1.98 |
| Dover | 49.1 | 55.5 | 1.76 |
| LONDON | 59.5 | 56.3 | 2.24 |
| Oxford | 57.2 | 55.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



for *Saturday 14th June 1884, at 8 a.m.*

The anticyclone in the west will probably extend eastwards, and fine weather is likely to continue in most places.

for the 24 hours ending at NOON on 15th June 1884.
(Issued at 11 a.m. on the previous day.)

Frederik Bangertfeld, Lith. London, 1131.

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
| Skudesnaes | 30.45 | 56 | 54 | SSE | 8 | bc | 5 | Valencia | 30.38 | 57 | 56 | NNW | 3 | 0 | 3 |
| Sumburgh Head | 29.95 | 51 | 49 | WSW | 4 | o | 4 | Scilly | 30.31 | 60 | 58 | NW | 2 | f | 3 |
| Stornoway | 30.13 | 54 | 52 | W | 6 | bq | 5 | Dover | 30.26 | 60 | 57 | E | 2 | o | 1 |
| Aberdeen | 30.10 | 60 | 58 | NNW | 4 | r | 1 | London | 30.24 | 74 | 64 | 2 | o | m | • |
| Shields | 30.14 | 75 | 65 | W | 3 | bc | 1 | Yarmouth | 30.16 | 60 | 55 | SSE | 3 | b | 2 |
| Ardrossan | 30.21 | 80 | 58 | WNW | 4 | r | 3 | Jersey | 30.26 | 66 | 61 | NNW | 2 | b | 2 |
| Mullaghmore | 30.30 | 56 | 52 | NNW | 5 | cr | 4 | Rochefort | 30.21 | 78 | 66 | NE | 4 | bc | 2 |
| Holyhead | 30.25 | 57 | 56 | SSW | 5 | bc | 4 | | | | | | | | |

REMARKS.

The barometer continues to fall in the east and south-east of England, but is rising elsewhere. The wind has veered to NW. at Aberdeen, Mullaghmore, and Valencia. Weather remains fine over the greater part of the Kingdom. The sea is rather rough at Stornoway, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for Sunday 15th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | | | | | | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|---------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|------|--|--|--|--|--|--|--|--|----------------|--|--|
| STATIONS. | Barometer at 52° E. 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 | 29.45 | 46 | W | 2 | r | 29.44 | — .11 | 48 | 46 | + | 1 | N | 2 | c | • | 48 | 41 | 0.20 | | | | | | | | | | | |
| Hernösand ... | 29.60 | 51 | Z | 0 | c | 29.54 | — .14 | 52 | 45 | + | 1 | N | 2 | c | • | 66 | 43 | 0.12 | | | | | | | | | | | |
| Stockholm ... | 29.71 | 57 | WSW | 4 | b | 29.64 | — .07 | 55 | 46 | — | 3 | SW | 4 | b | • | 68 | 55 | — | | | | | | | | | | | |
| Wisby ... | 29.79 | 55 | W | 4 | bc | 29.74 | — .05 | 52 | 48 | — | 4 | H | 6 | b | • | 68 | 52 | — | | | | | | | | | | | |
| Bodö ... | 29.88 | 47 | SSW | 2 | o | 29.86 | — .02 | 50 | 45 | + | 2 | S | 2 | c | 1 | 52 | 45 | — | | | | | | | | | | | |
| Christiansund ... | 29.66 | 44 | WSW | 9 | r | 29.63 | — .03 | 42 | 40 | — | 4 | WSW | 9 | r | 6 | 48 | 37 | 0.74 | | | | | | | | | | | |
| Skudesnaes ... | 29.49 | 48 | WNW | 6 | r | 29.95 | — .02 | 45 | 44 | — | 4 | WNW | 6 | rf | 4 | 55 | 48 | — | | | | | | | | | | | |
| Oxö (Kilansund) ... | 29.97 | 52 | W | 7 | bc | 29.84 | — .17 | 51 | 45 | — | 2 | WNW | 8 | bc | 4 | 57 | 46 | — | | | | | | | | | | | |
| Skagen (The Skaw) | 29.91 | 52 | WNW | 8 | b | 29.94 | — .07 | 54 | 48 | — | 1 | WNW | 7 | b | 6 | 59 | 46 | — | | | | | | | | | | | |
| Fanö ... | 30.11 | 52 | NW | 6 | c | 30.02 | — .11 | 54 | 49 | — | 1 | NW | 6 | c | • | 59 | 50 | — | | | | | | | | | | | |
| Cuxhaven ... | 30.13 | 59 | N | 4 | c | 30.10 | — .04 | 58 | 56 | — | 3 | N | 4 | c | • | 63 | 52 | — | | | | | | | | | | | |
| † Sumburgh Head | 30.06 | 62 | W | 5 | c | 30.08 | — .09 | 47 | 45 | — | 2 | NW | 4 | o | 4 | 58 | 45 | 0.01 | | | | | | | | | | | |
| † Stornoway ... | 30.27 | 49 | NNW | 5 | op | 30.31 | — .11 | 52 | 50 | + | 2 | NNW | 4 | o | 3 | 52 | 47 | 0.09 | | | | | | | | | | | |
| Wick ... | 30.25 | 51 | N | 5 | o | 30.27 | — .05 | 52 | 49 | + | 2 | NNW | 3 | o | 2 | 57 | 48 | — | | | | | | | | | | | |
| Nairn ... | 30.25 | 51 | N | 5 | o | 30.27 | — .05 | 52 | 49 | + | 2 | NNW | 3 | o | 2 | 57 | 48 | — | | | | | | | | | | | |
| † Aberdeen ... | 30.25 | 54 | NW | 4 | c | 30.24 | — .01 | 54 | 49 | — | 0 | NW | 6 | c | 2 | 60 | 49 | 0.01 | | | | | | | | | | | |
| Leith ... | 30.30 | 56 | WNW | 4 | bc | 30.29 | — .04 | 56 | 50 | + | 2 | W | 1 | om | • | 62 | 47 | — | | | | | | | | | | | |
| † Shields ... | 30.29 | 59 | W | 2 | c | 30.29 | — .02 | 55 | 49 | — | 0 | NW | 3 | o | 2 | 60 | 44 | — | | | | | | | | | | | |
| Spurn Head ... | 30.28 | 54 | E | 2 | b | 30.28 | — .01 | 53 | 49 | — | 1 | N | 3 | bc | 2 | 58 | 48 | — | | | | | | | | | | | |
| York ... | 30.31 | 63 | NW | 3 | b | 30.32 | — .01 | 54 | 49 | — | 1 | NNW | 3 | c | • | 67 | 43 | — | | | | | | | | | | | |
| Loughborough ... | 30.27 | 67 | NNW | 3 | b | 30.33 | — .03 | 54 | 49 | — | 6 | NW | 2 | bc | • | 70 | 47 | — | | | | | | | | | | | |
| † Ardrossan ... | 30.36 | 58 | WNW | 4 | c | 30.34 | — .01 | 52 | 51 | — | 3 | WNW | 2 | o | 1 | 58 | 49 | — | | | | | | | | | | | |
| † Mullaghmore ... | 30.48 | 58 | NNW | 4 | om | 30.46 | — .01 | 51 | 46 | — | 2 | NW | 5 | o | 3 | 57 | 50 | — | | | | | | | | | | | |
| Donaghadee ... | 30.43 | 53 | NNE | 5 | c | 30.41 | — .00 | 52 | 47 | — | 1 | NNW | 4 | e | 2 | 56 | 46 | — | | | | | | | | | | | |
| Parsonstown ... | 30.46 | 56 | N | 1 | o | 30.44 | — .01 | 50 | 45 | — | 1 | NW | 1 | og | • | 61 | 41 | — | | | | | | | | | | | |
| Barrow-in-Furness | 30.35 | 56 | NNW | 4 | bc | 30.33 | — .01 | 50 | 49 | + | 1 | N | 5 | o | 4 | 60 | 48 | — | | | | | | | | | | | |
| † Holyhead ... | 30.42 | 56 | NNW | 3 | c | 30.39 | — .02 | 56 | 51 | + | 2 | NNW | 4 | bc | 4 | 61 | 50 | — | | | | | | | | | | | |
| Liverpool (Bidston) | 30.37 | 56 | NW | 4 | b | 30.36 | — .00 | 50 | 49 | — | 2 | NNW | 4 | c | 4 | 60 | 50 | — | | | | | | | | | | | |
| † Valencia ... | 30.48 | 57 | N | 4 | b | 30.49 | — .02 | 55 | 51 | — | 0 | NNE | 3 | o | 3 | 60 | 46 | — | | | | | | | | | | | |
| Roche's Point .. | 30.46 | 62 | N | 3 | bc | 30.48 | — .03 | 52 | 50 | + | 1 | NNE | 4 | b | 4 | 66 | 48 | — | | | | | | | | | | | |
| Pembroke ... | 30.36 | 56 | N | 6 | b | 30.39 | — .05 | 52 | 48 | — | 1 | N | 5 | c | 3 | 57 | 48 | — | | | | | | | | | | | |
| † Scilly ... | 30.33 | 55 | NNE | 6 | b | 30.35 | — .04 | 55 | 51 | — | 0 | NE | 5 | c | 4 | 56 | 52 | — | | | | | | | | | | | |
| Prawle Point ... | 30.26 | 65 | NNE | 1 | b | 30.34 | — .09 | 56 | 52 | — | 5 | NNE | 4 | bc | 2 | 70 | 48 | — | | | | | | | | | | | |
| Hurst Castle ... | 30.24 | 66 | NE | 4 | b | 30.32 | — .10 | 55 | 52 | — | 6 | NNE | 2 | c | 1 | 68 | 49 | — | | | | | | | | | | | |
| † Dover ... | 30.22 | 57 | NE | 5 | b | 30.26 | — .08 | 58 | 51 | — | 2 | NE | 3 | b | 1 | 63 | 48 | — | | | | | | | | | | | |
| † London ... | 30.25 | 65 | NE | 3 | b | 30.32 | — .08 | 58 | 52 | — | 3 | N | 1 | bc | • | 69 | 50 | — | | | | | | | | | | | |
| Oxford ... | 30.30 | 64 | N | 4 | b | 30.33 | — .05 | 54 | 49 | — | 3 | NNW | 2 | bm | • | 68 | 49 | — | | | | | | | | | | | |
| Cambridge ... | 30.27 | 64 | NNE | 2 | b | 30.30 | — .04 | 57 | 52 | — | 2 | N | 1 | bc | • | 68 | 45 | — | | | | | | | | | | | |
| † Yarmouth ... | 30.28 | 64 | N | 2 | b | 30.26 | — .05 | 57 | 52 | — | 1 | N | 3 | bc | 3 | 60 | 49 | — | | | | | | | | | | | |
| The Helder ... | 30.21 | 64 | NNE | 4 | c | 30.20 | — .05 | 55 | 51 | — | 5 | NW | 3 | c | 3 | 61 | 54 | — | | | | | | | | | | | |
| Cape Griz Nez ... | ? | 64 | NNE | 8 | b | ? | ? | 55 | 52 | — | 4 | NE | 4 | bc | 5 | 63 | 50 | — | | | | | | | | | | | |
| † Jersey ... | 30.29 | 60 | NNE | 3 | bm | 30.29 | — .10 | 58 | 55 | — | 1 | NE | 3 | bm | 3 | 64 | 51 | — | | | | | | | | | | | |
| Brest ... | 30.24 | 60 | NNE | 5 | b | 30.31 | — .05 | 52 | 50 | — | 0 | E | 4 | b | 3 | 70 | 52 | — | | | | | | | | | | | |
| Lorient ... | 30.17 | 65 | NNE | 5 | b | 30.24 | — .08 | 57 | 50 | — | 2 | ENE | 5 | b | 2 | 72 | 52 | — | | | | | | | | | | | |
| † Rochefort ... | 30.10 | 67 | NW | 4 | m | 30.18 | — .03 | 60 | 57 | — | 1 | NE | 5 | t | 2 | 73 | 54 | ? | | | | | | | | | | | |
| Biserta ... | 30.13 | 60 | W | 5 | r | 30.12 | — .03 | 60 | 59 | + | 1 | W | 5 | r | 3 | 61 | 57 | 1.02 | | | | | | | | | | | |
| Corunna ... | • | • | • | • | • | 30.25 | — .04 | 66 | 66 | + | 3 | NE | 5 | o | 5 | 66 | 52 | — | | | | | | | | | | | |
| Brussels ... | • | • | • | • | • | 30.22 | — .09 | 55 | 50 | — | 9 | NNE | 4 | bc | • | 74 | 48 | — | | | | | | | | | | | |
| Charleville ... | 30.04 | 71 | NW | 5 | c | 30.15 | — .06 | 54 | 48 | — | 12 | NE | 4 | b | • | 77 | 49 | — | | | | | | | | | | | |
| Paris ... | 30.07 | 72 | NNE | 1 | b | 30.22 | — .09 | 56 | 50 | — | 9 | NNE | 5 | b | • | • | • | — | | | | | | | | | | | |
| Lyons ... | 29.95 | 70 | NNW | 1 | o | 29.97 | — .10 | 60 | 59 | — | 1 | N | 4 | o | • | 77 | 53 | 0.79 | | | | | | | | | | | |
| Toulon ... | 30.16 | 60 | NW | 1 | bc | 30.03 | — .18 | 61 | 55 | + | 1 | NW | 4 | o | 2 | 73 | 56 | — | | | | | | | | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.10 | 53 | W | 1 | bc | 29.09 | — .00 | 48 | 45 | — | 2 | NW | 2 | b | • | 58 | 38 | — | | | | | | | | | | | |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

† These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by D. D. D. Lith. London.

WEATHER CHARTS

for 8 a.m. on Sunday, 15th June. 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

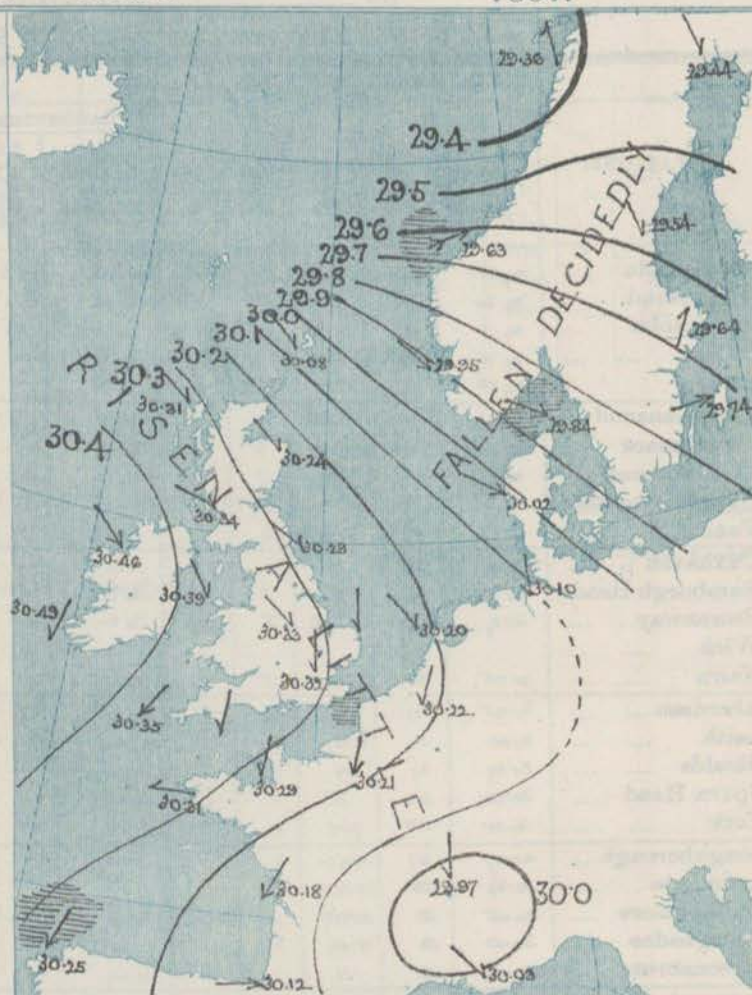
→ = forces above 10, → = forces 8 to 10,
→ = forces 5 to 7, → = forces 1 to 4,
○ = dead calm.

Sea Disturbance — where considerable is shown thus
■ = Rough, ■ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.918 |
| York | 29.876 |
| Ardrossan | 29.895 |
| Donaghadee | 29.898 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roches Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.958 |
| Cambridge | 29.960 |
| Yarmouth | 29.968 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

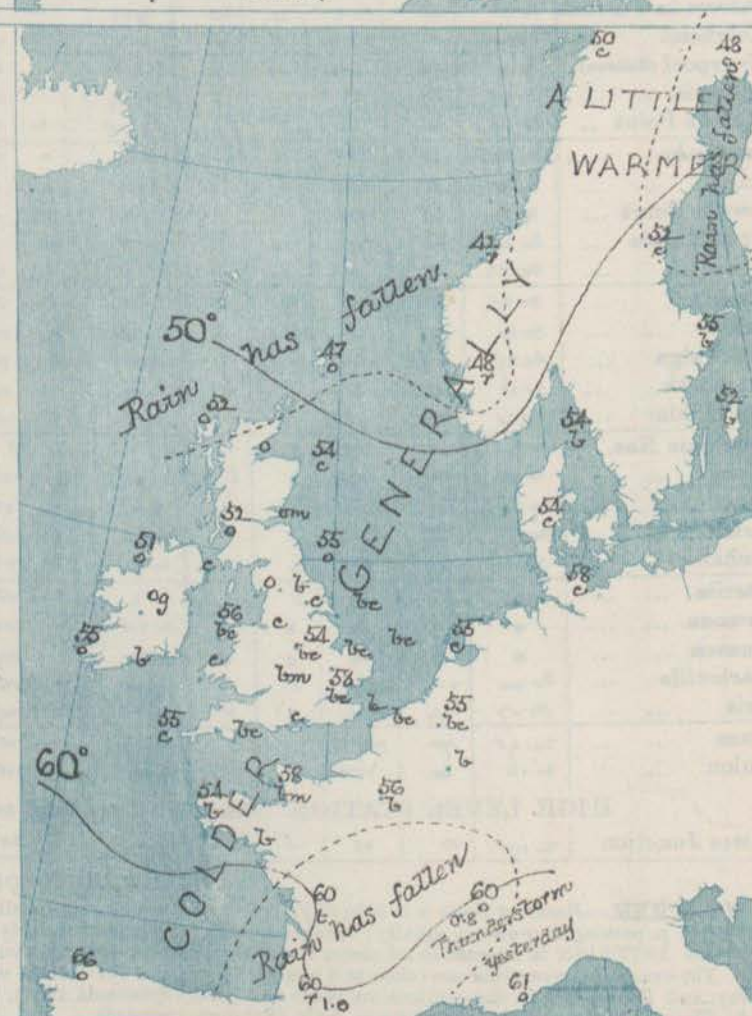
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 54.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.59 |
| Nairn | 54.8 | 50.6 | 2.00 |
| Aberdeen | 54.8 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.96 |
| Shields | 55.2 | 51.0 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 56.0 | 52.1 | 2.77 |
| Donaghadee | 55.4 | 53.3 | 2.12 |
| Holyhead | 55.7 | 53.3 | 1.98 |
| Liverpool | 56.9 | 53.0 | 1.87 |
| Valencia | 56.0 | 53.0 | 3.52 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.4 | 53.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 1.89 |
| Hurst Castle | 58.1 | 55.9 | 1.98 |
| Dover | 59.1 | 55.6 | 1.76 |
| LONDON | 59.5 | 55.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for

Sunday 15th June

1884, at 8 a.m.

The anticyclone which lay to the south-westward of Ireland yesterday has since extended over the whole of that country, and the barometer has risen in nearly all parts of our islands and France. A depression is however, still lying over the north of Scandinavia, and the barometer continues to fall slowly on the eastern shores of the North Sea. The wind is strong from the Wnd in some parts of Norway and Denmark, and moderate from NW. in Scotland, but at our southern and the French stations it draws into N. or NE. The weather is dull in the west of Norway, the north of our islands and south of France, with rain at Christiansund, Sludenas, and Diaritz, and thunder at Rochefort. Elsewhere, however, the sky is moderately clear. Temperature has fallen a few degrees at our southern and most of the Continental stations, and readings now range from 55° in London to 47° in the Shetlands. The highest maxima registered yesterday were 70° at Loughborough and Howle Point and 68° in London. The sea is moderate to smooth.

FORECASTS

for the 24 hours ending at NOON on 16th June
(Issued at 11 a.m. on the previous day.)

1884.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

none issued

none issued

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
| Skudesnaes | 30.03 | 55 | 50 | W | 8 | c | 4 | Valencia | 30.50 | 59 | 53 | N | 4 | b | 4 |
| Sumburgh Head | 30.02 | 52 | 48 | W | 5 | bc | 5 | Scilly | 30.38 | 55 | 50 | NNE | 7 | b | 5 |
| Stornoway | 30.26 | 51 | 50 | WNW | 5 | ogm | 4 | Dover | 30.22 | 61 | 55 | NE | 5 | b | 4 |
| Aberdeen | 30.23 | 53 | 53 | W | 4 | c | 1 | London | 30.26 | 66 | 54 | N | 4 | b | * |
| Shields | 30.29 | 55 | 47 | ENE | 2 | c | 2 | Yarmouth | 30.27 | 60 | 55 | NNE | 5 | bc | 4 |
| Ardrossan | 30.34 | 57 | 53 | WNW | 4 | c | 3 | Jersey | 30.21 | 65 | 62 | NE | 4 | b | 3 |
| Mullaghmore | 30.45 | 59 | 51 | WNW | 5 | bc | 4 | Rochefort | 30.15 | 72 | 66 | NW | 5 | m | 2 |
| Holyhead | 30.41 | 61 | 54 | NNW | 3 | b | 3 | | | | | | | | |

REMARKS.

Hardly any change has occurred since the morning so that fine weather prevails very generally, accompanied by rather fresh NW³ or W⁴ winds in the north, and N³ breeze in the south. The sea is rather rough at Sumburgh Head & Scilly, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Monday 16th June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London. R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | FAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|----------------|---------------------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 3). | 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 | 29.54 | 51 | N | 4 | r | 29.68 | + .24 | 43 | 41 | - 5 | N | 4 | r | * | 52 | 39 | 0.08 | |
| Hernösand ... | 29.54 | 51 | Z | 0 | b | 29.65 | + .11 | 44 | 46 | - 3 | N | 2 | r | * | 64 | 39 | - | |
| Stockholm ... | 29.55 | 49 | NNW | 2 | o | 29.64 | - .04 | 36 | 49 | + 1 | Z | 0 | o | * | 64 | 48 | - | |
| Wisby ... | 29.62 | 51 | NNW | 6 | r | 29.62 | - .12 | 51 | 49 | - 1 | NNW | 4 | b | * | 63 | 50 | - | |
| Bodö | | | | | | | | | | | | | | | | | | |
| Christiansund ... | 29.45 | 46 | NNW | 7 | o | 29.42 | + .29 | 45 | 42 | + 3 | NNW | 5 | o | 5 | 46 | 39 | 0.59 | |
| † Skudesnes ... | | | | | | | | | | | | | | | | | | |
| Oxö (Ålön) ... | 29.78 | 51 | NNW | 4 | c | 29.70 | - .11 | 53 | 49 | + 2 | N | 4 | b | 2 | 54 | 46 | - | |
| Skagen (The Skaw) | 29.70 | 54 | NNW | 5 | b | 29.71 | - .13 | 54 | 47 | 0 | NNE | 5 | b | 5 | 59 | 50 | - | |
| Fanö ... | 29.88 | 48 | NNW | 6 | c | 29.80 | - .22 | 53 | 47 | - 1 | NNW | 6 | c | * | 57 | 46 | - | |
| Cuxhaven ... | 29.99 | 55 | NNW | 6 | r | 29.94 | - .20 | 54 | 51 | - 4 | NNW | 7 | b | * | ? | 48 | 0.05 | |
| † Sumburgh Head | 30.18 | 51 | NNW | 4 | c | 30.18 | + .05 | 45 | 47 | + 1 | NNW | 2 | o | 3 | 50 | 44 | 0.22 | |
| † Stornoway ... | 30.24 | 51 | NNW | 4 | o | 30.25 | - .06 | 52 | 52 | 0 | NNW | 4 | d | 3 | 55 | 47 | 0.02 | |
| Wick ... | 30.24 | 49 | NNW | 6 | o | 30.20 | - .03 | 52 | 50 | - 2 | NNW | 3 | o | 3 | 55 | 44 | 0.04 | |
| Nairn ... | 30.28 | 54 | NNW | 3 | c | 30.24 | - .03 | 50 | 49 | - 2 | Z | 0 | o | 0 | 58 | 48 | - | |
| † Aberdeen ... | 30.25 | 50 | NNW | 6 | o | 30.20 | - .04 | 52 | 48 | - 2 | N | 4 | c | 2 | 60 | 45 | 0.01 | |
| Leith ... | 30.27 | 61 | N | 1 | c | 30.23 | - .06 | 53 | 48 | - 3 | NNW | 1 | o | * | 65 | 47 | - | |
| † Shields ... | 30.26 | 55 | NE | 2 | o | 30.20 | - .09 | 55 | 49 | 0 | NNE | 4 | c | 3 | 60 | 44 | - | |
| Spurn Head ... | 30.25 | 56 | N | 3 | o | 30.18 | - .10 | 49 | 48 | - 4 | N | 4 | o | 2 | 58 | 48 | 0.01 | |
| York ... | 30.27 | 59 | ENE | 1 | o | 30.22 | - .10 | 50 | 47 | - 4 | ENE | 1 | o | * | ? 65 | 49 | - | |
| Loughborough ... | 30.26 | 60 | NNW | 1 | o | 30.21 | - .12 | 55 | 51 | + 1 | NNW | 4 | b | * | 65 | 47 | - | |
| † Ardrossan ... | 30.32 | 54 | NNW | 3 | b | 30.28 | - .06 | 53 | 53 | + 1 | NNW | 3 | c | 2 | 58 | 46 | - | |
| † Mullaghmore ... | 30.44 | 52 | NNW | 5 | o | 30.39 | - .07 | 52 | 50 | + 1 | NNW | 4 | o | 3 | 57 | 50 | - | |
| Donaghadee ... | 30.39 | 50 | NNE | 4 | c | 30.34 | - .07 | 52 | 50 | 0 | N | 4 | c | 2 | 58 | 46 | - | |
| Parsonstown ... | 30.40 | 57 | NNW | 1 | b | 30.40 | - .09 | 48 | 45 | - 4 | Z | 0 | og | * | 59 | 42 | - | |
| Barrow-in-Furness | 30.38 | 57 | NNW | 5 | b | 30.24 | - .09 | 50 | 47 | - 3 | NNW | 5 | b | 5 | 64 | 47 | - | |
| † Holyhead ... | 30.36 | 55 | NNW | 3 | o | 30.30 | - .09 | 52 | 46 | - 4 | NNW | 5 | o | 4 | 60 | 49 | - | |
| Liverpool (Biddam) | 30.44 | 56 | NNW | 4 | b | 30.25 | - .11 | 54 | 49 | + 1 | NNW | 3 | b | 5 | 57 | 50 | - | |
| Valencia ... | 30.42 | 56 | N | 3 | b | 30.38 | - .11 | 59 | 54 | + 4 | NNE | 1 | b | 1 | 60 | 47 | - | |
| Roche's Point ... | 30.43 | 55 | NNE | 3 | b | 30.38 | - .10 | 55 | 51 | + 1 | NNE | 4 | b | 4 | 62 | 46 | - | |
| Pembroke ... | 30.35 | 50 | N | 5 | o | 30.31 | - .08 | 52 | 46 | 0 | NNW | 5 | o | 3 | 57 | 47 | - | |
| † Scilly ... | 30.30 | 55 | NNE | 5 | c | 30.28 | - .07 | 55 | 50 | 0 | NNE | 5 | c | 5 | 56 | 52 | - | |
| Prawle Point ... | 30.29 | 57 | S | 1 | b | 30.26 | - .08 | 58 | 50 | + 2 | NNW | 1 | c | 1 | 63 | 47 | - | |
| Hurst Castle ... | 30.26 | 63 | NNE | 3 | b | 30.24 | - .08 | 57 | 54 | + 2 | N | 2 | b | 1 | 68 | 47 | - | |
| † Dover ... | 30.23 | 58 | E | 3 | b | 30.19 | - .07 | 55 | 53 | - 3 | N | 1 | b | 0 | 64 | 50 | - | |
| † London ... | 30.24 | 62 | NNE | 3 | c | 30.21 | - .11 | 57 | 52 | - 1 | NNW | 2 | o | * | 65 | 51 | - | |
| Oxford ... | 30.27 | 57 | NNW | 2 | c | 30.23 | - .10 | 52 | 49 | - 2 | NNW | 2 | og | * | 62 | 48 | - | |
| Cambridge ... | 30.28 | 55 | N | 1 | c | 30.24 | - .09 | 54 | 50 | - 3 | N | 1 | o | * | 64 | 49 | - | |
| † Yarmouth ... | 30.24 | 58 | N | 3 | b | 30.16 | - .10 | 51 | 50 | - 6 | NNW | 3 | ogd | 3 | 59 | 48 | - | |
| The Helder ... | 30.12 | 50 | NNW | 5 | r | 30.04 | - .16 | 51 | 49 | - 4 | NNW | 5 | r | 3 | 55 | 50 | 0.11 | |
| Cape Griz Nez ... | ? | 56 | NE | 5 | b | ? | ? | 54 | 51 | - 1 | NNW | 4 | o | 3 | 62 | 52 | - | |
| † Jersey ... | 30.26 | 57 | N | 3 | o | 30.24 | - .05 | 59 | 57 | + 1 | Z | 0 | b | 0 | 62 | 51 | - | |
| Brest ... | 30.28 | 60 | NE | 3 | b | 30.26 | - .05 | 54 | 53 | 0 | NNE | 1 | b | 1 | 64 | 48 | - | |
| Lorient ... | 30.24 | 62 | NE | 5 | b | 30.25 | + .01 | 53 | 53 | - 4 | E | 3 | b | 1 | 70 | 46 | - | |
| † Rochefort ... | 30.17 | 73 | NE | 5 | b | 30.21 | + .03 | 59 | 54 | - 1 | ENE | 5 | b | 2 | 77 | 48 | - | |
| Biarritz ... | 30.13 | 61 | W | 4 | mv | 30.15 | + .02 | 60 | 59 | 0 | N | 4 | c | 2 | 61 | 57 | - | |
| Corunna ... | * | * | * | * | * | | | | | | | | | | | | | |
| Brussels ... | * | * | * | * | * | 30.13 | - .09 | 52 | 48 | - 3 | NNW | 7 | o | * | 62 | 48 | - | |
| Charleville ... | No observations | | | | | 30.12 | - .03 | 51 | 46 | - 3 | N | 5 | c | * | 64 | 46 | - | |
| Paris ... | 30.21 | 64 | NE | 5 | c | 30.22 | - .00 | 54 | 51 | - 2 | NNW | 3 | b | * | * | * | - | |
| Lyons ... | 30.05 | 57 | SSW | 4 | o | 30.09 | + .12 | 52 | 48 | - 8 | N | 3 | b | * | 61 | 49 | - | |
| Toulon ... | 30.06 | 58 | SE | 5 | o | 29.98 | - .05 | 57 | 53 | - 4 | NNW | 4 | mv | 3 | 66 | 55 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.04 | 55 | NNW | 2 | c | 28.99 | - .10 | 50 | 46 | + 2 | NNW | 1 | b | * | 59 | 43 | - | |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

† These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fredk. Dangelhelt Lith. London.

WEATHER

CHARTS

for 8 a.m. on Monday 16th June

1884.

BAROMETER, WIND & SEA.

(Explanation of Map.)

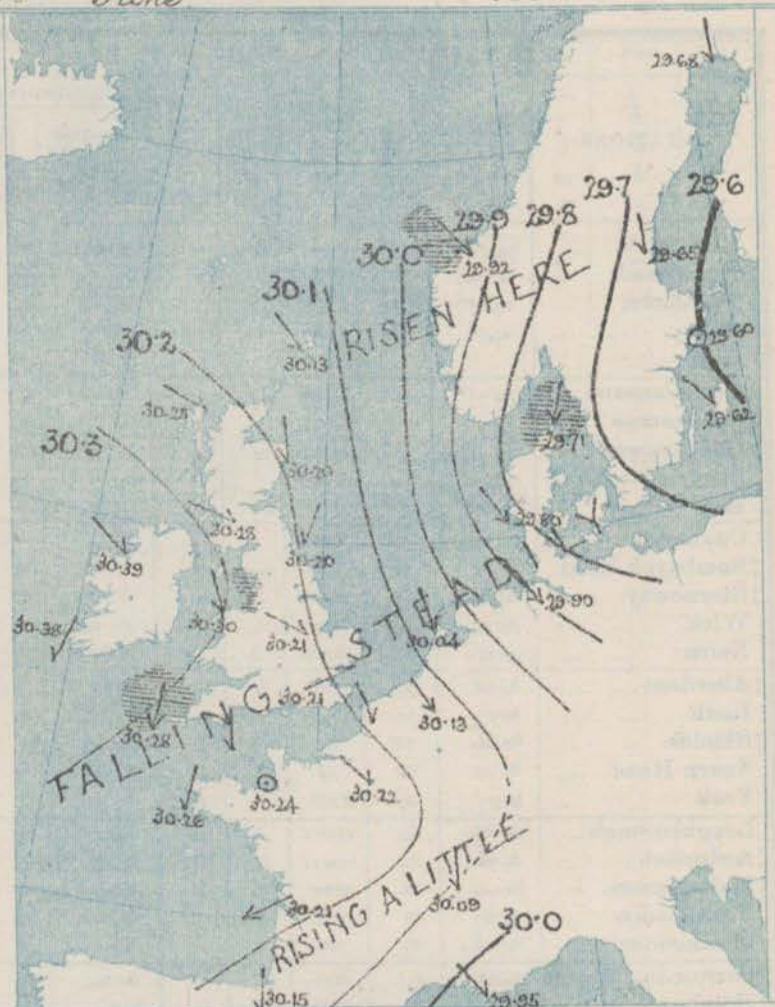
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — forces above 10; * — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ⊙ — dead calm.

Sea Disturbance — where considerable is shown thus
 — Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.881 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.882 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.828 |
| Holyhead | 29.829 |
| Liverpool | 29.880 |
| Valencia | 29.838 |
| Roch's Point | 29.829 |
| Pembroke | 29.837 |
| Sally | 29.871 |
| Bur's Castle | 29.868 |
| Dover | 29.882 |
| LONDON | 29.863 |
| Oxford | 29.960 |
| Cambridge | 29.960 |
| Yarmouth | 29.886 |



REMARKS.

for Monday 16th June 1884, at 8 a.m.

An anticyclone still lies over our western coast, but the depression noticed over the north of Scandinavia yesterday has moved away, in a south-easterly direction. The barometer has consequently risen in the extreme north, but elsewhere a gradual and uniform fall has occurred. The wind is light or moderate in force generally; on our northern coast it is chiefly NW^{ly}, but in the south it is N^{ly}, while over the west of France it draws into NE. The weather is fair at most of the western and southern stations, but a good deal of cloud prevails in the north and east, and drizzling rain is reported at Stromsø and Yarmouth. During yesterday showers fell at several of our northern stations. Temperature has fallen a little, and readings range from 55° at Valencia and 58° at Cape Point to 46° at Harrogate. The sea is rather rough at Harrow, in Thames, Liverpool and Lelly, slight or smooth elsewhere.

There is at present no indication of any decided change in the distribution of pressure, but shallower depressions may possibly travel along our eastern coast, and occasion showers locally.

FORECASTS

For the 24 hours ending at NOON on 17th June 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|--|--------------------|--|
| 0 { SCOTLAND NORTH | NW ^{ly} winds, moderate or fresh; cloudy, probably some rain | 6 { SCOTLAND WEST | N ^{ly} & NW ^{ly} winds, moderate; fair generally |
| 1 { SCOTLAND EAST |D.....D.....D..... | 7 { ENGLAND N. W. |D.....D.....D..... |
| 2 { ENGLAND N. E. | Same as N° 5 | 8 { ENGLAND S. W. | N ^{ly} & NE ^{ly} winds, moderate; fine generally |
| 3 { ENGLAND EAST | Same as N° 5 | 9 { IRELAND NORTH | Same as N° 6 & 7 |
| 4 { MIDLAND COUNTIES | Same as N° 5 | 10 { IRELAND SOUTH | Same as N° 8 |
| 5 { ENGLAND SOUTH | NW ^{ly} & N ^{ly} winds, moderate; fair on the whole, but possibly some showers | WARNINGS | None Issued |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. |
|---------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|
| Skudenaes | 29.95 | 50 | 46 | NW | 6 | 14 | Valencia | | | | | | |
| Sunburgh Head | | | | | | | Scilly | | | | | | |
| Stornoway | | | | | | | Dover | | | | | | |
| Aberdeen | | | | | | | London | | | | | | |
| Shields | | | | | | | Yarmouth | | | | | | |
| Ardrossan | | | | | | | Jersey | | | | | | |
| Mullaghmore | | | | | | | Rochefort | 30.19 | 73 | 64 | NE | 5 | 8 |
| Holyhead | | | | | | | | | | | | | |

REMARKS.

Summary of Changes in the Weather
over the
British Islands and their Neighbourhood
from the 8th to the 14th June 1884

The week commenced with cold northerly winds of little strength, cloudy weather, slight occasional falls of rain at all but the western station & thunderstorms over our eastern districts. The maximum temperatures over our North Midland counties were about 64°, but elsewhere they were much lower; while pressure was highest in the west & lowest on the eastern shores of the North Sea. A very gradual change now took place. The western high pressure area moved steadily in a southeasterly direction & at 8 am. on the 10th lay over the Bay of Biscay (whence an arm or 'ridge' extended northwards to the neighbourhood of the Shetlands) & reached France on the following day. The weather began to improve slowly, the winds drew into west & southwest; & although a second high pressure area appeared over the Gulf of Bothnia its influence, so far as our islands are concerned, was confined to our northern station. Temperature now rose slowly & maxima varying from 64° to 69° were recorded over England on the 11th, from 66° to 75° on the 12th, & from 70° to 81° on the 13th.

A decided but temporary 'chill' was then experienced over Great Britain, accompanied by a shift of wind to N. & NE., & the week closed with the prevalence of a new & large anticyclone in the west, the old one having dispersed gradually. From this western anticyclone a ridge spread eastwards over the North Sea.

DAILY WEATHER REPORT

for Tuesday 17th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| ISSUED BY THE METEOROLOGICAL OFFICE, M. S. L. | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|------|---------------------|--|
| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | |
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 12) | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12) | | | Max. | Min. | | |
| Haparanda | 29.81 | 45 | NW | 4 | o | 30.01 | + .30 | 53 | 48 | + 10 | NE | 4 | b | * | ? | 39 | 0.04 | |
| Hernösand ... | 29.82 | 45 | Z | 0 | bc | 29.93 | + .18 | 46 | 42 | - 3 | NE | 4 | o | * | 59 | 37 | 0.16 | |
| Stockholm ... | 29.75 | 48 | NE | 2 | b | 29.83 | + .23 | 46 | 43 | - 10 | NNW | 2 | o | * | 63 | 45 | 0.12 | |
| Wisby ... | 29.69 | 50 | ESE | 4 | b | 29.76 | + .14 | 51 | 48 | 0 | NNE | 4 | b | * | 61 | 46 | - | |
| Bodö ... | 29.88 | 49 | WSW | 2 | b | 29.95 | - | 52 | 48 | - | E | 4 | b | 1 | 55 | 43 | - | |
| Christiansund ... | 30.02 | 46 | NW | 3 | c | 30.04 | + .12 | 46 | 44 | + 1 | SSW | 2 | c | 3 | 50 | 39 | 0.02 | |
| Skudesnaes ... | 29.82 | 48 | NW | 8 | b | 29.92 | - | 51 | 47 | - | NNW | 4 | b | 3 | 52 | 48 | - | |
| Oxö (Ålansund) ... | 29.87 | 51 | SSE | 2 | b | 29.90 | + .17 | 53 | 47 | 0 | ENE | 4 | o | 3 | 57 | 46 | - | |
| Skagen (The Skaw) ... | 29.79 | 54 | NNE | 5 | b | 29.89 | + .18 | 58 | 48 | - 1 | NNE | 4 | bc | 3 | 59 | 50 | - | |
| Fanö ... | 29.85 | 51 | NW | 6 | b | 29.89 | + .09 | 55 | 50 | + 5 | NE | 4 | b | * | 57 | 43 | - | |
| Cuxhaven ... | 29.87 | 55 | NNW | 6 | bc | 29.89 | - .01 | 57 | 54 | + 3 | N | 3 | c | * | 7 | 49 | - | |
| Sumburgh Head ... | 30.14 | 49 | NW | 3 | c | 30.14 | + .01 | 46 | 45 | - 2 | NW | 1 | r | 2 | 52 | 43 | 0.03 | |
| Stornoway ... | 30.25 | 52 | NW | 5 | r | 30.26 | + .01 | 52 | 51 | 0 | NNW | 4 | omv | 3 | 54 | 48 | 0.02 | |
| Wick ... | 30.19 | 53 | NW | 1 | o | 30.19 | - .01 | 52 | 50 | 0 | NNW | 5 | o | 3 | 57 | 49 | 0.21 | |
| Nairn ... | 30.20 | 54 | Z | 0 | r | 30.22 | - .02 | 53 | 51 | + 2 | Z | 0 | o | 0 | 54 | 39 | 0.25 | |
| Aberdeen ... | 30.19 | 56 | NNW | 1 | c | 30.18 | - .02 | 53 | 51 | + 1 | N | 4 | op | 2 | 60 | 48 | 0.10 | |
| Leith ... | 30.18 | 55 | SE | 1 | o | 30.18 | - .05 | 53 | 55 | + 5 | Z | 0 | m | * | 58 | 50 | - | |
| Shields ... | 30.19 | 55 | NE | 2 | c | 30.18 | - .02 | 55 | 53 | 0 | NNE | 3 | o | 3 | 57 | 48 | 0.01 | |
| Spurn Head ... | 30.16 | 55 | N | 5 | bc | 30.16 | - .02 | 52 | 49 | + 3 | N | 4 | c | 4 | 55 | 48 | - | |
| York ... | 30.20 | 57 | N | 2 | c | 30.15 | - .04 | 54 | 51 | + 4 | NNW | 1 | o | * | 61 | 48 | - | |
| Loughborough ... | 30.19 | 58 | NNW | 2 | c | 30.19 | - .02 | 51 | 51 | - 4 | N | 1 | ogdm | * | 62 | 48 | 0.07 | |
| Ardrossan ... | 30.22 | 54 | NNW | 0 | o | 30.20 | - .08 | 54 | 52 | + 1 | NNW | 3 | o | 2 | 55 | 49 | - | |
| Mullaghmore ... | 30.24 | 58 | N | 4 | c | 30.20 | - .09 | 54 | 52 | + 2 | ENE | 2 | o | 2 | 61 | 51 | - | |
| Donaghadee ... | 30.29 | 54 | NNW | 5 | o | 30.26 | - .08 | 54 | 52 | + 2 | N | 5 | c | 3 | 59 | 50 | - | |
| Parsonstown ... | 30.32 | 58 | NNE | 1 | o | 30.30 | - .10 | 54 | 51 | + 8 | Z | 0 | og | * | 60 | 46 | - | |
| Barrow-in-Furness ... | 30.20 | 56 | NW | 4 | bc | 30.18 | - .06 | 55 | 53 | + 5 | NW | 3 | c | 3 | 59 | 49 | - | |
| Holyhead ... | 30.26 | 55 | N | 5 | o | 30.23 | - .07 | 53 | 52 | + 1 | NNW | 5 | of | 4 | 58 | 51 | - | |
| Liverpool (Bidston) ... | 30.22 | 56 | NW | 3 | bc | 30.20 | - .05 | 54 | 53 | 0 | NNW | 3 | o | 4 | 60 | 53 | - | |
| Valencia ... | 30.22 | 57 | N | 3 | o | 30.29 | - .09 | 56 | 54 | - 3 | Z | 0 | o | 0 | 61 | 46 | - | |
| Roche's Point ... | 30.32 | 56 | ? NNW | 2 | bc | 30.25 | - .10 | 58 | 55 | + 3 | NE | 2 | o | 3 | 62 | 50 | - | |
| Pembroke ... | 30.24 | 56 | N | 5 | b | 30.24 | - .07 | 53 | 52 | + 1 | NNW | 2 | o | 1 | 57 | 50 | - | |
| Scilly ... | 30.24 | 54 | N | 5 | c | 30.23 | - .05 | 60 | 54 | + 5 | ENE | 2 | c | 3 | 60 | 52 | - | |
| Prawle Point ... | 30.23 | 61 | NNE | 1 | b | 30.22 | - .04 | 62 | 56 | + 4 | Z | 0 | b | 0 | 70 | 47 | - | |
| Hurst Castle ... | 30.17 | 60 | NNE | 4 | bc | 30.19 | - .05 | 56 | 53 | - 1 | NNE | 2 | c | 1 | 66 | 47 | - | |
| Dover ... | 30.15 | 52 | NNE | 2 | op | 30.15 | - .04 | 56 | 53 | + 1 | NNE | 3 | bc | 1 | 59 | 46 | 0.04 | |
| London ... | 30.17 | 58 | N | 3 | c | 30.18 | - .03 | 55 | 54 | - 2 | NW | 1 | o | * | 64 | 53 | - | |
| Oxford ... | 30.16 | 56 | N | 1 | o | 30.19 | - .04 | 51 | 49 | - 1 | N | 1 | c | * | 61 | 51 | - | |
| Cambridge ... | 30.16 | 54 | N | 1 | b | 30.17 | - .04 | 54 | 50 | 0 | N | 1 | o | * | 61 | 46 | - | |
| Yarmouth ... | 30.13 | 53 | NNW | 4 | rq | 30.12 | - .04 | 54 | 48 | + 3 | N | 4 | cq | 4 | 58 | 47 | 0.04 | |
| The Helder ... | 30.02 | 52 | NNW | 5 | c | 30.04 | - .02 | 53 | 48 | + 2 | N | 4 | c | 3 | 54 | 50 | 0.12 | |
| Cape Griz Nez ... | 30.18 | 58 | NNW | 1 | b | 30.20 | - .04 | 58 | 53 | - 1 | NNE | 2 | bm | 2 | 63 | 50 | - | |
| Jersey ... | 30.21 | 59 | NNW | 5 | b | 30.19 | - .07 | 53 | 51 | - 1 | SE | 3 | b | 2 | 63 | 45 | - | |
| Lorient ... | 30.17 | 62 | NNW | 4 | b | 30.18 | - .07 | 52 | 50 | - 1 | ENE | 4 | b | 1 | 64 | 45 | - | |
| Rochefort ... | 30.17 | 69 | ENE | 5 | c | 30.16 | - .05 | 59 | 55 | 0 | ENE | 4 | c | 2 | 77 | 50 | - | |
| Biarritz ... | 30.09 | 63 | N | 4 | b | 30.08 | - .07 | 57 | 53 | - 3 | E | 4 | b | 2 | 64 | 52 | - | |
| Corunna ... | * | * | * | * | * | 30.09 | - .04 | 52 | 49 | 0 | NNW | 3 | o | * | 56 | 46 | 0.08 | |
| Brussels ... | * | * | * | * | * | 30.10 | - .02 | 49 | 45 | - 2 | WSW | 1 | c | 4 | 58 | 43 | - | |
| Charleville ... | No observations | | | | | 30.10 | - .02 | 49 | 45 | - 2 | WSW | 1 | c | 4 | 58 | 43 | - | |
| Paris ... | 30.15 | 62 | N | 3 | o | 30.17 | - .05 | 54 | 47 | 0 | N | 3 | o | * | * | * | 0.04 | |
| Lyons ... | 30.05 | 57 | N | 4 | bc | 30.08 | - .03 | 51 | 48 | - 1 | N | 3 | o | * | 63 | 46 | - | |
| Toulon ... | 29.93 | 55 | NW | 8 | m | 29.99 | + .01 | 63 | 55 | + 6 | NW | 3 | c | 2 | 72 | 52 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.96 | 51 | NNW | 1 | om | 28.94 | - .05 | 50 | 50 | 0 | NNW | 2 | o | * | 57 | 45 | 0.07 | |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Copenhagen time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by the Meteorological Office, 116, Victoria Street, London.

WEATHER

CHARTS

for 8 a.m. on

Tuesday 17th June

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;
→→ = forces 5 to 7; → = forces 1 to 4;

⊙ = dead calm.

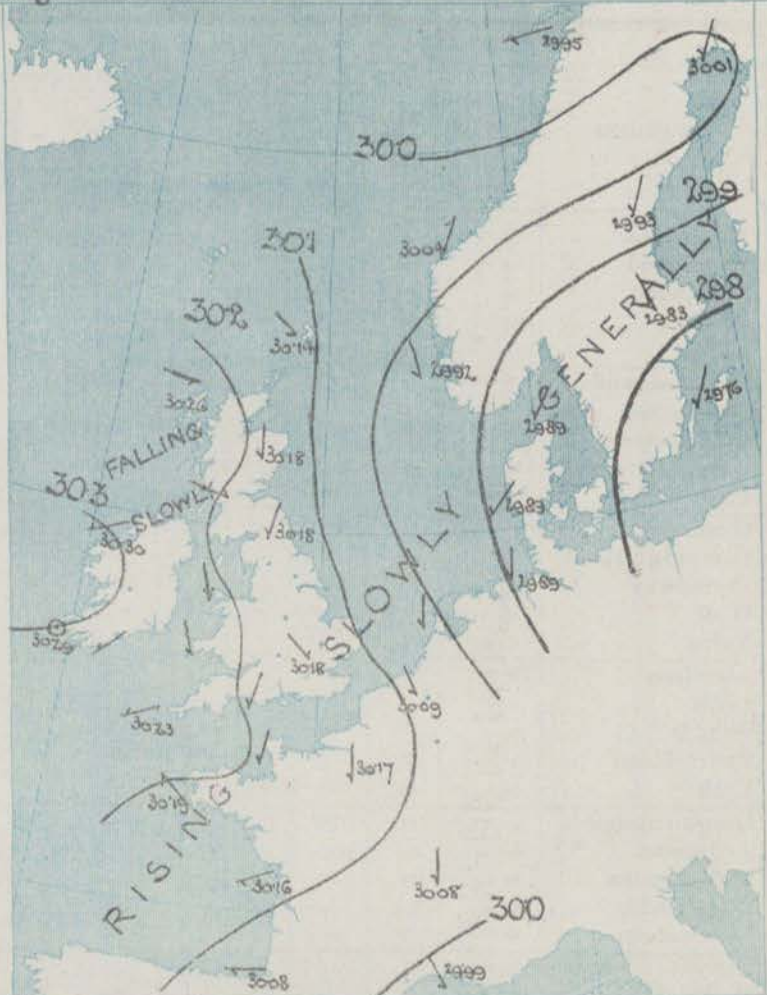
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.860 |
| Stornoway. | 29.832 |
| Wick. | 29.861 |
| Nairn. | 29.868 |
| Aberdeen. | 29.875 |
| Leith. | 29.882 |
| Shields. | 29.818 |
| York. | 29.806 |
| Ardrassan. | 29.835 |
| Denaghadee. | 29.848 |
| Holyhead. | 29.828 |
| Liverpool. | 29.830 |
| Valencia. | 29.929 |
| Roche's Point. | 29.829 |
| Pembroke. | 29.837 |
| Scilly. | 29.871 |
| Hurst Castle. | 29.868 |
| Dover. | 29.862 |
| LONDON. | 29.867 |
| Oxford. | 29.883 |
| Cambridge. | 29.880 |
| Yarmouth. | 29.886 |



REMARKS.

for Tuesday 17th June 1884, at 8 a.m.

Since yesterday morning the barometer has continued to fall slowly in most parts of our islands and France, while it has risen in Scandinavia and Denmark. The distribution of pressure has, however, undergone scarcely any change, readings being still highest on our western coasts, and lowest over the Baltic. The wind is moderate from the N^w over our islands and the North Sea, but in the west of France it draws into NE. or E. The weather is fair at most of the Continental stations, but cloudy in our islands, with showers at Aberdeen and drizzling rain at Loughborough. In the course of yesterday showers fell at many of our northern and eastern stations. Temperature has risen a few degrees in the west, but changed little and irregularly elsewhere; readings now range from 62° at Hawke Point to 46° in the Shetlands. The maxima registered yesterday were low for the time of year; on our north and east coasts the thermometer did not reach 60°, and in London it only rose to 64°. The sea is moderate to smooth.

There is no indication of any important change.

FORECASTS

for the 24 hours ending at NOON on 18th June 1884.

(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

- | | |
|----------------------|--|
| 0 { SCOTLAND NORTH | N ^w winds, moderate or fresh; cloudy, some showers |
| 1 { SCOTLAND EAST |D°.....D°.....D°..... |
| 2 { ENGLAND N.E. | Same as N° 5 |
| 3 { ENGLAND EAST | Same as N° 5 |
| 4 { MIDLAND COUNTIES | Same as N° 5 |
| 5 { ENGLAND SOUTH | N ^w winds, moderate; fair on the whole, but possibly some showers |

DISTRICTS.

FORECASTS.

- | | |
|--------------------|---|
| 6 { SCOTLAND WEST | N ^w winds, moderate; fair generally |
| 7 { ENGLAND N.W. |D°.....D°.....D°..... |
| 8 { ENGLAND S.W. | N ^w or N ^e winds, light; fair generally |
| 9 { IRELAND NORTH | Varying N ^w winds, moderate; fair generally |
| 10 { IRELAND SOUTH |D°.....D°.....D°..... |
| WARNINGS | None Issued |

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

| RESIDENTIALS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|--|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-----|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
| Skudesnaes | 29.90 | 52 | 46 | NW | 8 | bc | 4 | Valencia | 30.35 | 60 | 54 | N | 4 | bc | 4 |
| Sumburgh Head | 30.15 | 51 | 48 | NW | 3 | c | 3 | Scilly | 30.37 | 56 | 50 | N | 5 | bc | 4 |
| Stornoway | 30.25 | 54 | 53 | NW | 4 | om | 3 | Dover | 30.44 | 58 | 53 | SSW | 2 | cg | 1 |
| Aberdeen | 30.20 | 57 | 52 | NNW | 4 | o | 2 | London | 30.15 | 60 | 51 | WNW | 3 | o | * |
| Shields | 30.19 | 57 | 51 | E | 5 | bc | 3 | Yarmouth | 30.10 | 54 | 49 | NNW | 4 | bcq | 4 |
| Ardrossan | 30.25 | 55 | 52 | WNW | 3 | o | 2 | Jersey | 30.21 | 61 | 55 | N | 2 | b | 2 |
| Mullaghmore | 30.37 | 57 | 54 | NNW | 3 | ov | 2 | Rochefort | 30.22 | 71 | 59 | ENE | 5 | bc | 2 |
| Holyhead | 30.28 | 58 | 54 | N | 5 | b | 5 | | | | | | | | |

REMARKS.

The barometer continues to fall a little in most places, but no important change has occurred in the winds or weather. The sea is rather rough at Holyhead, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Wednesday 18th June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|----------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | | | | |
| Haparanda | 30.08 | 52 | SSW | 2 | r | 30.11 | + .10 | 59 | 52 | + 6 | NE | 2 | bc | * | 63 | 41 | 0.24 | | | | | |
| Hernösand ... | 30.00 | 51 | Z | 0 | o | 29.99 | + .06 | 57 | 52 | + 11 | NE | 2 | bc | * | 63 | 41 | 0.24 | | | | | |
| Stockholm ... | 29.91 | 46 | NW | 2 | o | 29.82 | - .01 | 50 | 48 | + 4 | N | 2 | o | * | 52 | 41 | - | | | | | |
| Wisby ... | 29.93 | 49 | NE | 6 | bc | 29.88 | + .12 | 51 | 47 | + 0 | NE | 6 | bc | * | 55 | 41 | - | | | | | |
| Bodö | 30.06 | 51 | N | 2 | bc | 30.10 | + .15 | 54 | 49 | + 2 | E | 2 | bc | o | 57 | 45 | - | | | | | |
| Christiansund ... | 30.05 | 48 | NE | 2 | bc | 29.99 | - .05 | 54 | 48 | + 8 | ESE | 2 | bc | 2 | 54 | 39 | - | | | | | |
| † Skudesnaes ... | 29.98 | 45 | NW | 8 | c | 30.03 | + .11 | 52 | 49 | + 1 | Z | 0 | bc | 2 | 54 | 48 | - | | | | | |
| Oxö (Kilansund) ... | 29.95 | 55 | WSW | 4 | o | 30.01 | + .11 | 54 | 49 | + 1 | NE | 4 | c | 3 | 61 | 46 | - | | | | | |
| Skagen (The Skaw) ... | 29.95 | 54 | NNE | 3 | bc | 30.01 | + .12 | 50 | 51 | + 3 | ENE | 2 | c | 0 | 61 | 52 | - | | | | | |
| Fanö ... | 29.97 | 49 | NNW | 2 | bc | 30.01 | + .12 | 57 | 50 | - 1 | NN | 3 | bc | * | 63 | 41 | 0.08 | | | | | |
| Cuxhaven ... | 29.95 | 56 | N | 4 | bc | 29.99 | + .10 | 57 | 54 | + 0 | NNE | 2 | bc | * | 57 | 49 | 0.10 | | | | | |
| † Sumburgh Head ... | 30.10 | 50 | NNW | 3 | f | 30.10 | - .04 | 50 | 50 | + 4 | NNW | 3 | r | 3 | 51 | 45 | 0.12 | | | | | |
| † Stornoway ... | 30.22 | 54 | NW | 4 | om | 30.21 | - .05 | 50 | 50 | + 0 | NNW | 3 | om | 2 | 57 | 47 | 0.03 | | | | | |
| Wick ... | 30.18 | 50 | NNW | 3 | o | 30.19 | - .03 | 50 | 49 | + 1 | NW | 2 | o | 1 | 57 | 46 | - | | | | | |
| Nairn ... | 30.19 | 50 | Z | 0 | c | 30.21 | - .01 | 51 | 48 | - 2 | ENE | 1 | o | 1 | 61 | 50 | - | | | | | |
| † Aberdeen ... | 30.17 | 58 | N | 2 | c | 30.21 | + .03 | 50 | 50 | + 0 | N | 2 | o | 2 | 60 | 49 | - | | | | | |
| Leith ... | 30.17 | 58 | SE | 3 | c | 30.20 | + .02 | 55 | 50 | - 3 | N | 1 | m | * | 59 | 48 | - | | | | | |
| † Shields ... | 30.19 | 54 | NNE | 3 | c | 30.21 | + .03 | 52 | 51 | - 3 | NNE | 2 | o | 3 | 62 | 49 | - | | | | | |
| Spurn Head ... | 30.16 | 50 | N | 4 | c | 30.18 | + .02 | 52 | 51 | + 0 | NN | 4 | od | 4 | 55 | 49 | 0.01 | | | | | |
| York ... | 30.18 | 57 | NNW | 1 | o | 30.21 | + .03 | 53 | 51 | - 1 | NNW | 1 | o | * | 60 | 49 | 0.01 | | | | | |
| Loughborough ... | 30.17 | 56 | N | 2 | o | 30.20 | + .01 | 52 | 51 | + 1 | Z | 0 | og m | * | 57 | 49 | 0.03 | | | | | |
| † Ardrossan ... | 30.17 | 60 | NW | 3 | bc | 30.22 | + .02 | 54 | 52 | + 0 | NNW | 2 | o | 1 | 64 | 47 | - | | | | | |
| † Mullaghmore ... | 30.25 | 58 | NNW | 1 | o | 30.24 | - .06 | 58 | 57 | + 4 | NNW | 1 | o | 1 | 60 | 52 | - | | | | | |
| Donaghadee ... | 30.22 | 58 | N | 4 | bc | 30.26 | - .08 | 55 | 51 | + 1 | N | 3 | o | 1 | 61 | 50 | - | | | | | |
| Parsonstown ... | 30.25 | 62 | Z | 0 | o | 30.25 | - .05 | 59 | 56 | + 5 | Z | 0 | og | * | 63 | 50 | - | | | | | |
| Barrow-in-Furness ... | 30.18 | 59 | NW | 3 | o | 30.18 | - .00 | 57 | 54 | + 2 | N | 2 | bc | 2 | 62 | 52 | - | | | | | |
| † Holyhead ... | 30.31 | 58 | NW | 3 | bc | 30.24 | + .01 | 55 | 53 | + 2 | NNW | 2 | o | 2 | 61 | 63 | - | | | | | |
| Liverpool (Bidston) ... | 30.25 | 60 | W | 1 | c | ? | ? | 56 | 52 | + 2 | NNW | 2 | o | 3 | 60 | 54 | - | | | | | |
| Valencia ... | 30.25 | 59 | W | 1 | o | 30.24 | - .05 | 63 | 58 | + 7 | Z | 0 | bc | 1 | 63 | 53 | - | | | | | |
| Roche's Point .. | 30.27 | 60 | SSW | 2 | c | 30.27 | - .01 | 58 | 55 | + 0 | W | 1 | o | 3 | 63 | 52 | - | | | | | |
| Pembroke ... | 30.20 | 58 | N | 3 | bc | 30.22 | - .02 | 58 | 56 | + 5 | ENE | 1 | bc | 0 | 59 | 52 | - | | | | | |
| † Scilly ... | 30.20 | 58 | NNE | 3 | c | 30.20 | - .03 | 61 | 56 | + 1 | E | 1 | bc | 1 | 61 | 52 | - | | | | | |
| Prawle Point ... | 30.16 | 65 | ESE | 1 | bc | 30.22 | - .00 | 61 | 57 | - 1 | NE | 2 | bc | 1 | 67 | 52 | - | | | | | |
| Hurst Castle ... | 30.17 | 58 | NNE | 2 | m | 30.22 | + .08 | 55 | 53 | - 1 | NNE | 1 | bc | 1 | 60 | 53 | - | | | | | |
| † Dover ... | 30.13 | 56 | E | 3 | bc | 30.16 | + .01 | 57 | 49 | + 1 | NNE | 3 | bc | 1 | 62 | 47 | - | | | | | |
| † London ... | 30.16 | 58 | NNE | 1 | o | 30.21 | + .03 | 54 | 49 | - 1 | E | 2 | c | * | 60 | 49 | - | | | | | |
| Oxford ... | 30.19 | 56 | N | 2 | o | 30.24 | + .02 | 56 | 50 | + 5 | NNW | 1 | o | * | 58 | 50 | - | | | | | |
| Cambridge ... | 30.15 | 57 | N | 1 | o | 30.21 | + .04 | 54 | 51 | + 0 | N | 1 | o | * | 61 | 44 | - | | | | | |
| Yarmouth ... | 30.12 | 52 | NNW | 4 | c | 30.15 | + .03 | 52 | 49 | - 2 | NNW | 3 | c | 4 | 58 | 48 | - | | | | | |
| † The Helder ... | 30.07 | 52 | NNW | 3 | o | 30.08 | + .01 | 57 | 49 | - 2 | NNE | 3 | r | 3 | 64 | 50 | - | | | | | |
| Cape Griz Nez ... | ? | 56 | N | 1 | bc | ? | ? | 54 | 50 | + 0 | N | 5 | c | 4 | 64 | 50 | - | | | | | |
| † Jersey ... | 30.17 | 59 | N | 2 | c | 30.19 | - .01 | 59 | 56 | + 1 | NE | 2 | om | 2 | 63 | 53 | - | | | | | |
| Brest ... | 30.17 | 62 | ENE | 5 | bc | 30.19 | - .00 | 55 | 54 | + 2 | ESE | 1 | m | 2 | 70 | 48 | - | | | | | |
| Lorient ... | 30.15 | 64 | ENE | 4 | bc | 30.18 | - .00 | 55 | 52 | + 3 | ENE | 4 | c | 2 | 70 | 48 | - | | | | | |
| † Rochefort ... | 30.12 | 68 | NE | 7 | bc | 30.18 | + .02 | 55 | 52 | - 1 | ENE | 7 | bc | 2 | 75 | 46 | - | | | | | |
| Biarritz ... | 30.01 | 64 | N | 5 | bc | 30.03 | - .05 | 56 | 53 | - 1 | E | 4 | bc | 1 | 72 | 52 | - | | | | | |
| Corunna ... | * | * | * | * | * | 30.12 | + .03 | 51 | 48 | - 7 | NNW | 3 | r | * | 60 | 47 | 0.04 | | | | | |
| Brussels ... | * | * | * | * | * | 30.11 | + .01 | 49 | ? | + 0 | W | 1 | o | * | 58 | 38 | 0.04 | | | | | |
| Charleville ... | 30.12 | 60 | NNW | 4 | bc | 30.17 | + .01 | 54 | 50 | + 0 | NNW | 4 | c | * | * | * | - | | | | | |
| Paris ... | 30.12 | 60 | NNW | 4 | bc | 30.17 | + .01 | 54 | 50 | + 0 | NNW | 4 | c | * | * | * | - | | | | | |
| Lyons ... | 30.02 | 57 | N | 3 | bc | 30.06 | - .02 | 50 | 45 | - 1 | N | 4 | bc | * | 62 | 44 | - | | | | | |
| Toulon ... | 29.97 | 66 | W | 5 | m | 30.03 | + .04 | 61 | 57 | - 7 | E | 3 | bc | 3 | 75 | 55 | - | | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.96 | 58 | NNE | 2 | bc | 29.96 | + .02 | 57 | 50 | + 1 | NNE | 2 | om | * | 58 | 46 | - | | | | | |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

† These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by Longmans & Co., London.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 18th JUNE

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10, → = forces 8 to 10,
→ = forces 5 to 7, → = forces 1 to 4,
○ = dead calm.

Sea Disturbance — where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.895 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.920 |
| Roches Point | 29.929 |
| Pembroke | 29.932 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.953 |
| Cambridge | 29.960 |
| Yarmouth | 29.962 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

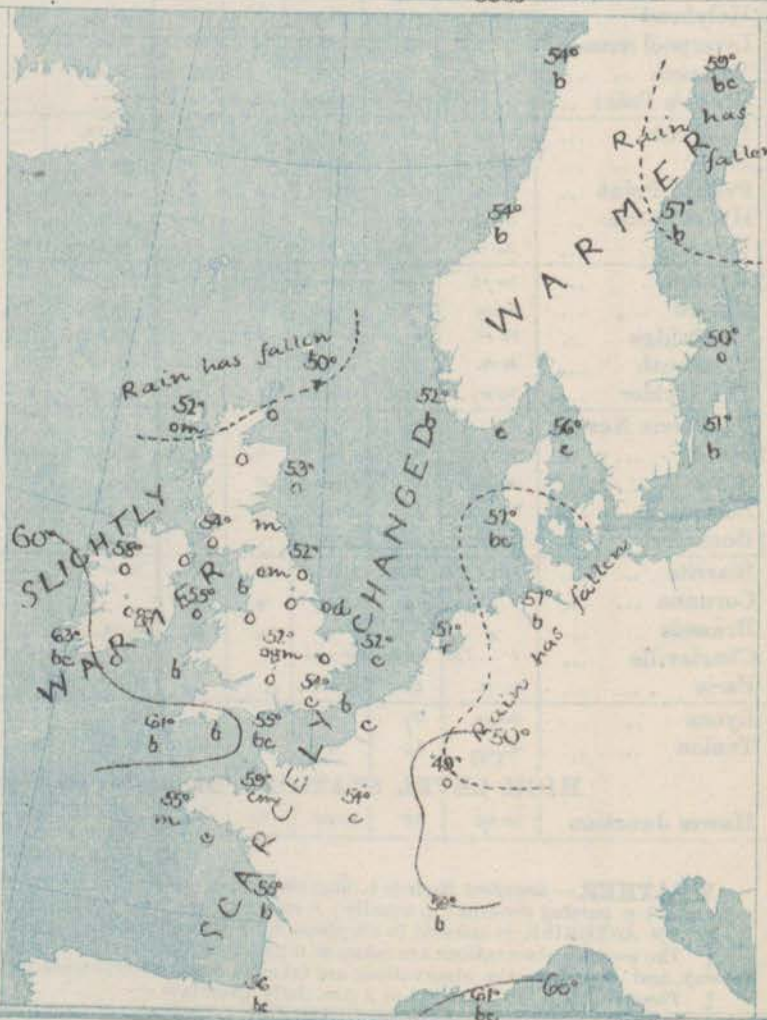
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 50.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.59 |
| Nairn | 54.8 | 50.6 | 2.00 |
| Aberdeen | 54.8 | 51.7 | 1.87 |
| Leith | 56.4 | 53.1 | 1.86 |
| Shields | 56.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 55.6 | 52.1 | 2.77 |
| Donaghadee | 56.4 | 53.3 | 2.72 |
| Holyhead | 55.7 | 53.3 | 1.88 |
| Liverpool | 56.9 | 53.0 | 1.82 |
| Valencia | 56.0 | 53.0 | 3.52 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 56.9 | 53.2 | 2.07 |
| Scilly | 57.2 | 56.2 | 1.89 |
| Hurst Castle | 58.1 | 56.9 | 1.93 |
| Dover | 59.1 | 54.6 | 1.76 |
| LONDON | 59.3 | 54.3 | 2.29 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 58.1 | 54.2 | 2.30 |
| Yarmouth | 57.2 | 54.1 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Wednesday 18th June 1884, at 8 a.m.*

Barometric pressure remains highest over Ireland and the Western parts of Great Britain, where the readings range from 30.2 ins. to 30.25 ins.; while they are lowest over the Baltic and North Germany. The resulting gradients for N^w winds are slight. Temperature has changed little and irregularly, and is still low for the time of year except in the west and south-west. The winds are light - they are chiefly NW^w to N^w over the northern parts of Great Britain and NE^s in the south and over France, while calms prevail in the west. A little rain has fallen at our extreme northern stations and some very slight showers in various parts of England; on the whole the weather is fair, but very cloudy, and the air is dry. The sea is moderate off our east coast, smooth or nearly so elsewhere.

Pressure is now giving way a little over Ireland and the north-west of Scotland, while it is rising on our south and east coasts and over the North Sea generally. The anticyclone in the west is therefore apparently breaking up, and a gradual change of wind, probably to a warmer quarter is likely to take place shortly.

FORECASTS

for the 24 hours ending at NOON on *19th June 1884.*
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|---|-----------------------|---|
| 0 { SCOTLAND NORTH | NW ³ and N ⁴ breezes, moderate; some rain at times | 6 { SCOTLAND WEST | Same as N ^o 0 |
| 1 { SCOTLAND EAST | N ³ and NW ³ breezes, light; fair | 7 { ENGLAND N.W. | Calms and varying breezes; cloudy, fair on the whole |
| 2 { ENGLAND N.E. | Same as N ^o 5 | 8 { ENGLAND S.W. | Same as N ^o 5 |
| 3 { ENGLAND EAST | Same as N ^o 5 | 9 { IRELAND NORTH | Calms and SW ⁴ or S ⁴ breezes, light; fair on the whole |
| 4 { MIDLAND COUNTIES | Same as N ^o 5 | 10 { IRELAND SOUTH | ----- |
| 5 { ENGLAND SOUTH | Very light breezes and calms; cloudy to clear; hazy; temperature inclined to rise | WARNINGS | None Issued |

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
| Skudesnaes | 29.97 | 54 | 45 | NN | 8 | Be | 4 | Valencia | 30.27 | 60 | 56 | NNW | 1 | 0 | 2 |
| Sumburgh Head | 30.19 | 49 | 48 | WNW | 2 | f | 2 | Scilly | 30.23 | 58 | 54 | NE | 3 | Be | 2 |
| Stornoway | 30.23 | 54 | 54 | WNW | 4 | am | 0 | Dover | 30.18 | 60 | 52 | NNE | 3 | 3 | 1 |
| Aberdeen | 30.20 | 59 | 55 | N | 3 | 0 | 2 | London | 30.17 | 58 | 51 | NNE | 2 | 0 | # |
| Shields | 30.17 | 57 | 54 | NNE | 4 | a | 4 | Yarmouth | 30.13 | 57 | 51 | NNE | 4 | Be | 4 |
| Ardrossan | 30.23 | 60 | 56 | WNW | 3 | 3 | 2 | Jersey | 30.18 | 61 | 57 | N | 2 | a | 2 |
| Mullaghmore | 30.15 | 59 | 56 | NN | 2 | 0 | 2 | Rochefort | 30.15 | 50 | 64 | NE | 5 | a | 2 |
| Holyhead | 30.23 | 61 | 57 | NNW | 3 | 3 | 2 | | | | | | | | |

REMARKS.

No important change has occurred since the morning. Moderate N³ breezes still prevail generally, with cool weather and a good deal of cloud locally. The sea is slight or smooth on all coasts.

DAILY WEATHER REPORT

for *Thursday* 19th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| | YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-----------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-----------------|----------------|-------------|------|---------------------|------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sun. (0 to 3). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force (0 to 3). | | 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 3). | | Max. | Min. | | | |
| Haparanda | 30.10 | 57 | NE | 2 | b | 30.10 | - 01 | 60 | 52 | + 1 | NNE | 4 | b | * | 66 | 48 | - | |
| Hernösand | 30.08 | 56 | NE | 2 | o | 30.08 | + 00 | 62 | 50 | + 5 | NNE | 2 | b | * | 64 | 46 | - | |
| Stockholm | 30.00 | 54 | NNE | 2 | b | 29.92 | + 10 | 60 | 53 | + 10 | N | 4 | b | * | 66 | 41 | - | |
| Wisby | 29.88 | 51 | NNW | 4 | b | 29.84 | - 04 | 58 | 51 | + 2 | N | 6 | o | * | 57 | 46 | - | |
| Bodo | 30.11 | 57 | NNE | 2 | b | 30.10 | - 00 | 59 | 52 | + 5 | E | 4 | b | 1 | 65 | 50 | - | |
| Christiansund | 30.09 | 55 | N | 1 | o | 30.11 | + 12 | 58 | 51 | - 1 | SSW | 1 | b | 2 | 57 | 41 | - | |
| Skudesnaes | 30.08 | 50 | WNW | 4 | c | 30.11 | + 08 | 56 | 52 | + 2 | NNW | 2 | b | 2 | 63 | 50 | - | |
| Oslo (Kilansund) | 30.08 | 50 | WNW | 2 | b | 30.08 | + 07 | 54 | 50 | 0 | NNW | 2 | b | 1 | 64 | 48 | - | |
| Skagen (The Skaw) | 30.08 | 55 | NW | 2 | b | 30.08 | + 07 | 58 | 54 | + 2 | NW | 2 | b | 1 | 61 | 50 | - | |
| Faro | 30.08 | 52 | NW | 2 | c | 30.12 | + 11 | 59 | 54 | + 2 | NE | 2 | b | * | 61 | 46 | - | |
| Cuxhaven | 30.08 | 50 | N | 3 | c | 30.11 | + 12 | 60 | 50 | + 2 | NNW | 2 | b | * | ? | 50 | - | |
| Sumburgh Head | 30.16 | 52 | WNW | 4 | o | 30.20 | + 10 | 50 | 49 | 0 | W | 2 | r | 2 | 53 | 48 | 0.03 | |
| Stornoway | 30.21 | 53 | SSE | 2 | o | 30.23 | + 02 | 52 | 52 | 0 | SSE | 1 | om | 1 | 55 | 49 | - | |
| Wick | 30.20 | 54 | NW | 1 | o | 30.24 | + 05 | 57 | 54 | + 4 | Z | 0 | o | 0 | 58 | 49 | - | |
| Nairn | 30.21 | 55 | Z | 0 | c | 30.23 | + 02 | 53 | 50 | + 2 | Z | 0 | o | 0 | 58 | 50 | - | |
| Aberdeen | 30.20 | 57 | E | 1 | og | 30.24 | + 03 | 50 | 51 | 0 | Z | 0 | o | 1 | 60 | 50 | - | |
| Leith | 30.23 | 56 | E | 1 | m | 30.23 | + 03 | 58 | 54 | + 3 | NW | 1 | cm | * | 59 | 49 | - | |
| Shields | 30.22 | 55 | ENE | 3 | c | 30.25 | + 04 | 54 | 52 | + 2 | ENE | 2 | o | 3 | 4 | 49 | - | |
| Spurn Head | 30.19 | 54 | NNW | 3 | bu | 30.23 | + 05 | 55 | 52 | + 3 | N | 3 | c | 3 | 57 | 49 | - | |
| York | 30.20 | 60 | NE | 1 | o | 30.26 | + 05 | 53 | 51 | 0 | NW | 1 | o | * | 63 | 51 | - | |
| Loughborough | 30.20 | 59 | NNE | 1 | o | 30.25 | + 05 | 54 | 52 | + 2 | ENE | 1 | ogm | * | 63 | 50 | - | |
| Ardrossan | 30.21 | 60 | NW | 2 | b | 30.24 | + 02 | 54 | 51 | 0 | Z | 0 | cm | 0 | 64 | 45 | - | |
| Mullaghmore | 30.24 | 57 | WNW | 2 | o | 30.26 | + 02 | 56 | 54 | - 2 | Z | 0 | cm | 0 | 62 | 51 | - | |
| Donaghadee | 30.24 | 61 | Z | 0 | o | 30.26 | - 00 | 5 | 52 | 0 | S | 1 | c | 0 | 61 | 52 | - | |
| Parsonstown | 30.30 | 67 | NNW | 1 | o | 30.30 | + 05 | 57 | 54 | - 2 | Z | 0 | b | * | 70 | 48 | - | |
| Barrow-in-Furness | 30.18 | 54 | NW | 3 | bu | 30.22 | + 04 | 56 | 54 | - 1 | N | 1 | o | 2 | 64 | 51 | - | |
| Holyhead | 30.20 | 58 | NW | 1 | o | 30.25 | + 01 | 57 | 53 | + 2 | Z | 0 | c | 0 | 62 | 53 | - | |
| Liverpool (Bidston) | 30.22 | 60 | WNW | 2 | b | 30.25 | - 03 | 57 | 55 | + 3 | WNW | 1 | b | 3 | 62 | 52 | - | |
| Valencia | 30.24 | 61 | W | 3 | bm | 30.27 | + 03 | 58 | 55 | - 5 | Z | 0 | bm | 1 | 66 | 45 | - | |
| Roche's Point | 30.27 | 60 | S | 2 | b | 30.27 | - 00 | 60 | 56 | + 2 | NNW | 1 | b | 2 | 65 | 52 | - | |
| Pembroke | 30.22 | 66 | NE | 1 | b | 30.25 | + 03 | 61 | 56 | + 3 | Z | 0 | b | 0 | 66 | 54 | - | |
| Scilly | 30.21 | 64 | S | 1 | bm | 30.24 | + 04 | 61 | 58 | 0 | N | 1 | bm | 2 | 67 | 55 | - | |
| Prawle Point | 30.21 | 54 | WST | 2 | o | 30.25 | + 03 | 66 | 60 | + 5 | NE | 1 | b | 1 | 66 | 54 | - | |
| Hurst Castle | 30.20 | 58 | WST | 3 | bu | 30.25 | + 03 | 60 | 57 | + 5 | SSW | 1 | m | 1 | 61 | 52 | - | |
| Dover | 30.17 | 58 | N | 3 | bu | 30.22 | + 06 | 57 | 53 | 0 | NNE | 3 | c | 1 | 60 | 50 | - | |
| London | 30.19 | 59 | NNE | 1 | ogm | 30.25 | + 06 | 57 | 54 | + 3 | Z | 0 | mg | * | 61 | 54 | - | |
| Oxford | 30.21 | 57 | NW | 1 | o | 30.25 | + 04 | 58 | 53 | + 2 | N | 1 | b | * | 64 | 49 | - | |
| Cambridge | 30.21 | 58 | N | 1 | o | 30.24 | + 03 | 56 | 52 | + 2 | N | 1 | o | * | 60 | 51 | - | |
| Yarmouth | 30.17 | 54 | NNW | 3 | c | 30.20 | + 03 | 59 | 52 | + 1 | NNW | 2 | od | 3 | 55 | 50 | 0.08 | |
| The Helder | 30.13 | 49 | NNW | 1 | o | 30.18 | + 10 | 55 | 50 | + 4 | NNW | 1 | c | 1 | 55 | ? | 0.04 | |
| Cape Griz Nez | ? | 54 | N | 3 | o | ? | ? | 55 | 50 | + 1 | N | 3 | r | 2 | 61 | 52 | - | |
| Jersey | 30.20 | 61 | ENE | 1 | b | 30.24 | + 05 | 56 | 55 | - 3 | W | 1 | cmg | 1 | 63 | 52 | - | |
| Brest | 30.19 | 65 | NE | 4 | b | 30.29 | + 10 | 58 | 54 | + 3 | E | 3 | b | 2 | 72 | 50 | - | |
| Lorient | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | |
| Rochefort | 30.14 | 58 | NE | 7 | b | 30.20 | + 02 | 57 | 53 | + 2 | ENE | 5 | b | 2 | 79 | 48 | - | |
| Biarritz | 30.00 | 64 | N | 4 | b | 30.08 | + 05 | 57 | 53 | + 1 | E | 4 | b | 1 | 72 | 50 | 0.35 | |
| Coruna | * | * | * | * | * | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | |
| Brussels | * | * | * | * | * | 30.20 | + 08 | 54 | 50 | + 3 | NW | 3 | o | * | 58 | 49 | - | |
| Charleville | no observations | ? | ? | ? | ? | 30.26 | + 09 | 57 | 47 | + 2 | NE | 1 | b | * | 59 | 41 | - | |
| Paris | 30.15 | 61 | NNW | 3 | o | 30.25 | + 10 | 56 | 53 | + 2 | N | 3 | o | * | ? | ? | - | |
| Lyons | 30.04 | 59 | NNE | 4 | b | 30.13 | + 07 | 51 | 47 | + 1 | N | 3 | b | * | 62 | 46 | - | |
| Toulon | 30.04 | 61 | W | 1 | c | 30.08 | + 05 | 62 | 55 | + 1 | E | 4 | bu | 2 | 72 | 54 | ? | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Flawes Junction | 29.96 | 50 | E | 2 | cm | 29.9 | + 05 | 55 | 52 | + 4 | NNW | 1 | bm | * | 61 | 47 | - | |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by the Government Printer, London.

WEATHER CHARTS

for 3 a.m. on

Thursday 19th June

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; →→ = forces 1 to 4;

○ = dead calm.

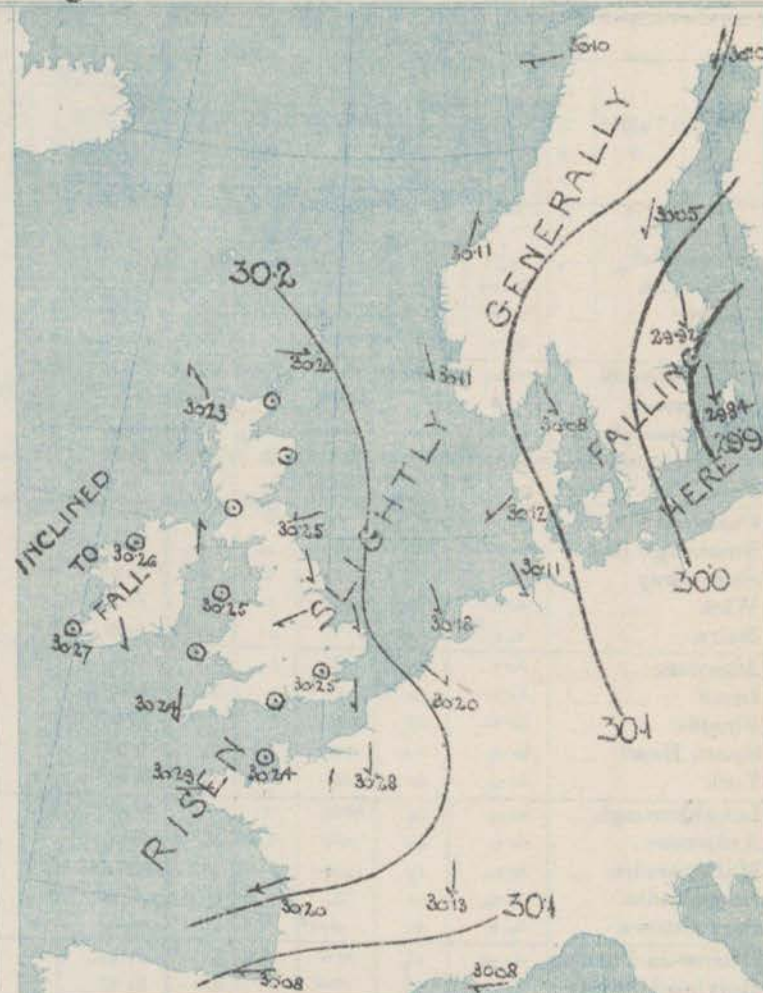
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 3 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.860 |
| Stornoway | 29.872 |
| Wick | 29.867 |
| Nairn | 29.855 |
| Aberdeen | 29.876 |
| Leith | 29.897 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.898 |
| Holyhead | 29.925 |
| Liverpool | 29.920 |
| Valencia | 29.929 |
| Roches Point | 29.929 |
| Pembroke | 29.927 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.962 |
| Cambridge | 29.960 |
| Yarmouth | 29.958 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 50.7 | 49.1 | 2.03 |
| Stornoway | 54.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.69 |
| Nairn | 54.8 | 50.8 | 2.00 |
| Aberdeen | 54.6 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.86 |
| Shields | 56.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 55.6 | 52.1 | 2.77 |
| Donaghadee | 56.4 | 53.3 | 2.72 |
| Holyhead | 56.7 | 53.3 | 1.88 |
| Liverpool | 56.9 | 53.0 | 1.87 |
| Valencia | 56.9 | 53.9 | 3.52 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.4 | 53.2 | 4.07 |
| Scilly | 57.2 | 55.2 | 1.69 |
| Hurst Castle | 58.1 | 55.9 | 1.58 |
| Dover | 59.1 | 55.5 | 1.76 |
| LONDON | 59.5 | 55.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 56.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 45 years 1866—80.



REMARKS.

for Thursday 19th June 1884. at 8 a.m.

Scarcely any change has occurred since yesterday morning. A large area of high pressure lies over our islands and the north of France, while the lowest readings are found over the Baltic, but as the barometer has risen rather more decidedly at the eastern than at the western stations pressure has become very uniform. Over the United Kingdom the greatest difference between the barometer readings at any two stations is only 0.1 inch. Slight Nth breezes are reported on our Eastern coast, and moderate E^{ly} breeze in the west of France, but in Ireland, Scotland, and the west of England calms or variable airs are general. The weather remains cloudy in the north and east of our islands, but elsewhere it is exceedingly fine and bright. Temperature has fallen slightly in the west of Ireland, but risen elsewhere. Readings, which are still rather low for the time of year, range from 66° at Hawke Point to 50° at Lumburg Head. The sea is slight or smooth generally.

The barometer appears to have fallen in the west of Ireland since last evening, but the change has been very slight, and no important alteration in the distribution of pressure is likely at present.

FORECASTS

for the 24 hours ending at NOON on 20th June 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

- | | |
|-------------------------|--|
| 0 { SCOTLAND NORTH | N th or S th winds, light; cloudy, some rain |
| 1 { SCOTLAND EAST | Tight airs, chiefly N th ; fair but cloudy |
| 2 { ENGLAND N.E. |D.....D.....D..... |
| 3 { ENGLAND EAST | Same as N ^o 5 |
| 4 { MIDLAND COUNTIES | Same as N ^o 5 |
| 5 { ENGLAND SOUTH | Tight breezes, chiefly N th ; fair generally |

DISTRICTS.

FORECASTS.

- | | |
|-----------------------|--|
| 6 { SCOTLAND WEST | Calms & variable airs; fair generally |
| 7 { ENGLAND N.W. |D.....D.....D..... |
| 8 { ENGLAND S.W. |D.....D.....D..... |
| 9 { IRELAND NORTH | Variable breezes, chiefly S th ; fine to cloudy and unsettled |
| 10 { IRELAND SOUTH |D.....D.....D..... |

WARNINGS

None Issued

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|---|---|
| Skudesnaes | 30.07 | 55 | 50 | W | 4 | 0 | 2 | Valencia | 30.25 | 65 | 60 | SW | 3 | 0 | 3 |
| Sumburgh Head | 30.13 | 51 | 50 | WNW | 4 | 0 | 3 | Scilly | 30.21 | 65 | 60 | S | 1 | 0 | 2 |
| Stornoway | 30.21 | 58 | 55 | SSE | 3 | 0 | 3 | Dover | 30.19 | 58 | 53 | NNE | 2 | 0 | 1 |
| Aberdeen | 30.20 | 58 | 53 | N | 2 | 0 | 1 | London | 30.21 | 59 | 57 | N | 2 | 0 | 1 |
| Shields | 30.22 | 55 | 52 | NE | 3 | 0 | 3 | Yarmouth | 30.17 | 53 | 52 | NNW | 3 | 0 | 3 |
| Ardrossan | 30.21 | 63 | 54 | WNW | 2 | 0 | 1 | Jersey | 30.21 | 63 | 50 | NE | 2 | 0 | 2 |
| Mullaghmore | 30.24 | 59 | 54 | WNW | 3 | 0 | 1 | Rochefort | 30.17 | 75 | 60 | ENE | 7 | 0 | 2 |
| Holyhead | 30.25 | 61 | 55 | NNW | 1 | 0 | 1 | | | | | | | | |

REMARKS.

No important change has occurred since the morning. The barometer is inclined to rise a little in most places. The winds are light and the weather generally fair. The sea is slight or smooth.

DAILY WEATHER REPORT

for Fri-day 20th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|------|----------------|----------------|-------------------|------|---------------------|------|--|--|----------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp in Shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | SHADE TEMP. | | WIND. | | Temp in Shade. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | | | | |
| | | | Dir. | Force. (0 to 12). | | | | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | | | Force. (0 to 12). | Max. | | Min. | | | | | |
| Haparanda | 30.05 | 62 | Z | 0 | b | 30.10 | 00 | 63 | 54 | + | 3 | NE | 2 | b | 72 | 50 | — | | | | | |
| Hernösand ... | 30.04 | 60 | NE | 2 | b | 30.08 | + 03 | 62 | 54 | — | 0 | NE | 4 | b | 72 | 52 | — | | | | | |
| Stockholm ... | 29.88 | 54 | NE | 4 | o | 29.86 | — 06 | 50 | 52 | — | 7 | NNE | 6 | r | 64 | 48 | 0.32 | | | | | |
| Wisby ... | 29.79 | 52 | NE | 6 | o | 29.74 | — 10 | 53 | 54 | + | 2 | NE | 6 | r | 61 | 50 | — | | | | | |
| Bodö ... | 30.11 | 58 | Z | 0 | b | 30.17 | + 07 | 53 | 50 | — | 6 | W | 2 | b | 66 | 50 | — | | | | | |
| Christiansund ... | 30.12 | 54 | NNE | 1 | b | 30.15 | + 04 | 52 | 49 | — | 1 | NNE | 3 | f | 55 | 46 | — | | | | | |
| Skudesnaes ... | 30.11 | 49 | NN | 6 | b | 30.09 | — 02 | 50 | 48 | — | 5 | NN | 6 | b | 55 | 48 | — | | | | | |
| Oxö (Ålensund) ... | 30.06 | 54 | WNW | 1 | b | 30.03 | — 05 | 58 | 53 | + | 4 | NNW | 2 | c | 64 | 54 | — | | | | | |
| Skagen (The Skaw) | 29.99 | 59 | NN | 3 | b | 29.94 | — 04 | 60 | 56 | + | 2 | N | 4 | c | 64 | 57 | — | | | | | |
| Fanö ... | ? | 52 | NN | 6 | c | 29.97 | — 15 | 55 | 53 | — | 4 | NN | 6 | c | 63 | 52 | — | | | | | |
| Cuxhaven ... | 30.02 | 55 | NNW | 3 | c | 30.03 | — 08 | 56 | 55 | — | 4 | NN | 5 | bc | ? | 52 | — | | | | | |
| † Sumburgh Head | 30.21 | 59 | W | 3 | o | 30.24 | + 04 | 51 | 49 | + | 1 | NE | 2 | c | 54 | 46 | 0.03 | | | | | |
| † Stornoway ... | 30.24 | 56 | WNW | 3 | om | 30.26 | + 03 | 50 | 52 | + | 1 | Z | 0 | om | 56 | 49 | — | | | | | |
| Wick ... | 30.28 | 54 | S | 1 | o | 30.28 | + 04 | 58 | 55 | + | 1 | SSE | 1 | o | 60 | 50 | — | | | | | |
| Nairn ... | 30.24 | 57 | Z | 0 | bc | 30.25 | + 02 | 55 | 51 | + | 2 | Z | 0 | o | 63 | 51 | — | | | | | |
| † Aberdeen ... | 30.25 | 55 | SSE | 1 | c | 30.26 | + 02 | 57 | 53 | + | 4 | SE | 1 | c | 58 | 47 | — | | | | | |
| Leith ... | 30.24 | 56 | NN | 1 | c | 30.26 | + 03 | 56 | 53 | — | 2 | NE | 1 | c | 66 | 50 | — | | | | | |
| † Shields ... | 30.23 | 58 | SE | 1 | c | 30.26 | + 01 | 54 | 52 | — | 0 | ESE | 2 | o | 59 | 49 | — | | | | | |
| Spurn Head ... | 30.25 | 62 | NE | 3 | bc | 30.24 | + 01 | 52 | 51 | — | 3 | NNW | 1 | c | 58 | 49 | — | | | | | |
| York ... | 30.23 | 59 | E | 1 | o | 30.25 | — 01 | 55 | 53 | + | 2 | ESE | 1 | o | 64 | 51 | — | | | | | |
| Loughborough ... | 30.22 | 60 | Z | 0 | o | 30.24 | — 01 | 55 | 54 | + | 1 | Z | 0 | agm | 67 | 52 | — | | | | | |
| † Ardrossan ... | 30.23 | 57 | SSW | 1 | o | 30.25 | + 01 | 55 | 52 | + | 1 | NE | 1 | om | 62 | 50 | — | | | | | |
| † Mullaghmore ... | 30.26 | 59 | WNW | 3 | o | 30.27 | + 01 | 57 | 53 | + | 1 | W | 3 | o | 63 | 55 | — | | | | | |
| Donaghadee ... | 30.26 | 57 | N | 1 | c | 30.27 | + 01 | 54 | 52 | — | 1 | N | 1 | o | 61 | 51 | — | | | | | |
| Parsonstown ... | 30.24 | 67 | W | 1 | bc | 30.26 | + 00 | 57 | 53 | 0 | Z | 0 | b | 69 | 47 | — | | | | | | |
| Barrow-in-Furness | 30.21 | 60 | NN | 1 | o | 30.22 | + 00 | 55 | 53 | — | 1 | NNW | 1 | o | 61 | 50 | — | | | | | |
| Holyhead ... | 30.23 | 62 | WSW | 1 | bc | 30.26 | + 01 | 63 | 58 | + | 6 | Z | 0 | bc | 67 | 53 | — | | | | | |
| Liverpool (Bidston) | 30.22 | 65 | NNW | 1 | bc | 30.25 | + 00 | 59 | 54 | + | 0 | NNW | 2 | b | 67 | 53 | — | | | | | |
| Valencia ... | 30.27 | 62 | NNW | 1 | bm | 30.30 | + 03 | 64 | 59 | + | 6 | Z | 0 | bm | 66 | 48 | — | | | | | |
| Roche's Point ... | 30.29 | 64 | SW | 2 | c | 30.29 | + 02 | 62 | 57 | + | 2 | NN | 1 | b | 67 | 50 | — | | | | | |
| Pembroke ... | 30.24 | 60 | NNW | 2 | b | 30.25 | + 00 | 60 | 58 | — | 1 | NN | 1 | b | 62 | 53 | — | | | | | |
| † Scilly ... | 30.25 | 64 | NN | 1 | bm | 30.26 | + 02 | 59 | 59 | — | 2 | N | 1 | bc | 66 | 52 | 0.04 | | | | | |
| Prawle Point ... | 30.23 | 61 | WSW | 2 | c | 30.24 | — 01 | ? | ? | ? | ? | NNW | 1 | b | 69 | 55 | — | | | | | |
| Hurst Castle ... | 30.23 | 61 | SW | 2 | b | 30.21 | — 04 | 61 | 57 | + | 1 | NN | 1 | b | 64 | 54 | — | | | | | |
| † Dover ... | 30.22 | 58 | E | 3 | bc | 30.22 | + 00 | 58 | 54 | + | 1 | E | 1 | bc | 61 | 53 | — | | | | | |
| † London ... | 30.21 | 64 | Z | 0 | m | 30.22 | — 03 | 56 | 54 | — | 1 | E | 1 | og | 67 | 54 | — | | | | | |
| Oxford ... | 30.22 | 61 | NE | 1 | bc | 30.23 | — 02 | 59 | 57 | + | 1 | NE | 1 | bc | 70 | 54 | — | | | | | |
| Cambridge ... | 30.23 | 58 | NE | 1 | o | 30.23 | — 01 | 56 | 54 | — | 0 | E | 1 | o | 67 | 50 | — | | | | | |
| † Yarmouth ... | 30.22 | 56 | N | 3 | c | 30.21 | + 01 | 56 | 54 | + | 3 | N | 2 | bc | 58 | 48 | 0.01 | | | | | |
| The Helder ... | 30.19 | 52 | NNW | 1 | c | 30.15 | — 03 | 55 | 52 | — | 0 | NNW | 3 | c | 57 | 53 | — | | | | | |
| Cape Griz Nez ... | ? | 59 | N | 3 | b | ? | ? | 57 | 55 | + | 2 | NNE | 1 | c | 64 | 54 | — | | | | | |
| † Jersey ... | 30.22 | 64 | Z | 0 | b | 30.24 | + 00 | 61 | 59 | + | 3 | W | 1 | bc | 66 | 54 | — | | | | | |
| Brest ... | 30.23 | 67 | NE | 3 | b | 30.29 | + 00 | 58 | 57 | 0 | ENE | 1 | b | 0 | 68 | 50 | — | | | | | |
| Lorient ... | 30.21 | 62 | WNW | 3 | o | 30.25 | + 04 | 56 | 54 | — | 3 | E | 3 | b | 70 | 50 | — | | | | | |
| † Rochefort ... | 30.19 | 70 | ENE | 7 | b | 30.22 | + 03 | 59 | 55 | + | 2 | ENE | 5 | b | 79 | 48 | — | | | | | |
| Biarritz ... | 30.08 | 64 | W | 3 | bc | 30.13 | + 05 | ? | 57 | ? | SW | 3 | b | 1 | 72 | 55 | — | | | | | |
| Corunna ... | ? | ? | ? | ? | ? | ? | ? | 54 | 50 | 0 | NNW | 3 | bc | * | 62 | 49 | 0.02 | | | | | |
| Brussels ... | ? | ? | ? | ? | ? | ? | ? | 53 | 48 | + | 2 | NN | 5 | b | 68 | 45 | — | | | | | |
| Charleville ... | ? | ? | ? | ? | ? | ? | ? | 53 | 48 | + | 2 | NN | 5 | b | 68 | 45 | — | | | | | |
| Paris ... | 30.22 | 60 | N | 4 | o | 30.29 | + 01 | 57 | 54 | + | 1 | N | 4 | bc | ? | ? | — | | | | | |
| Lyons ... | 30.10 | 64 | N | 4 | b | 30.13 | + 00 | 56 | 50 | + | 5 | N | 1 | b | 67 | 50 | — | | | | | |
| Toulon ... | 30.16 | 62 | ESE | 3 | b | 30.16 | + 08 | 61 | 54 | — | 1 | E | 1 | m | 72 | 54 | — | | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.00 | 53 | NN | 1 | o | 29.00 | — 01 | 57 | 53 | + | 2 | N | 1 | bc | 61 | 46 | 0.03 | | | | | |
| 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark the observations are taken at 8 p.m. (Christiania time). | | | | | | | | | | | | | | | | | | | | | | |
| † These Stations send Reports at 2 p.m. daily (Sundays excepted). | | | | | | | | | | | | | | | | | | | | | | |

WEATHER CHARTS

for 8 a.m. on

Friday 20th June

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

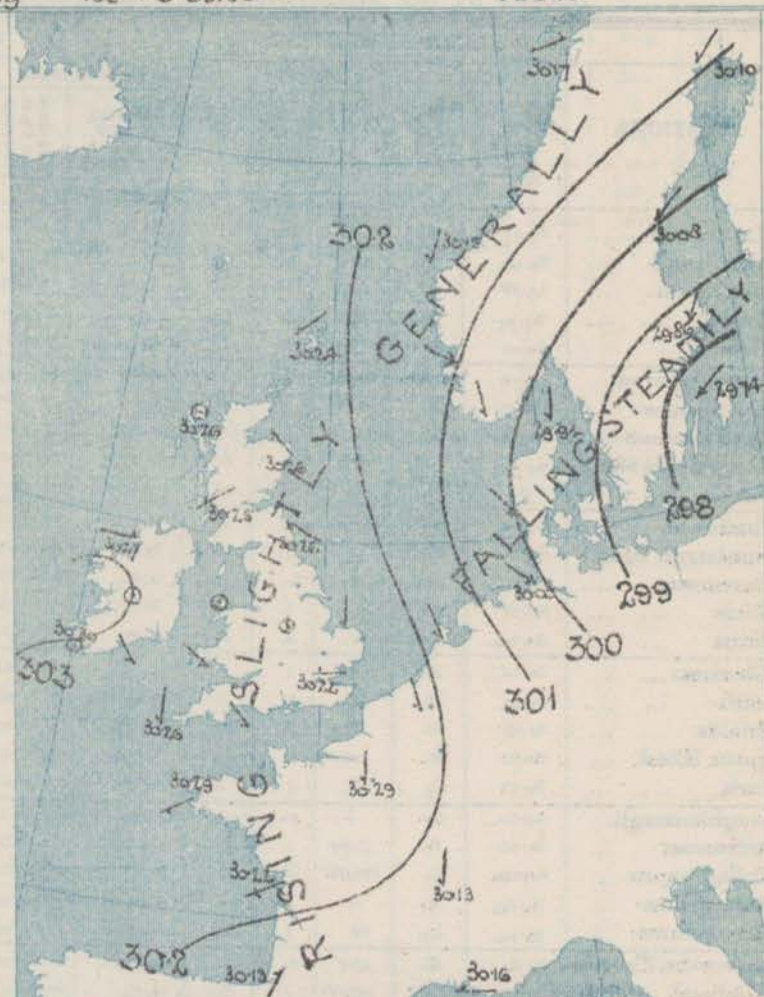
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 — force above 10; — force 8 to 10;
 — force 5 to 7; — force 1 to 4;
 ⊙ — dead calm.

Sea Disturbance — where considerable is shown thus
 — Rough. — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrrossan | 29.936 |
| Donaghadee | 29.929 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roche's Point | 29.929 |
| Pembroke | 29.927 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.961 |
| Cambridge | 29.960 |
| Yarmouth | 29.966 |



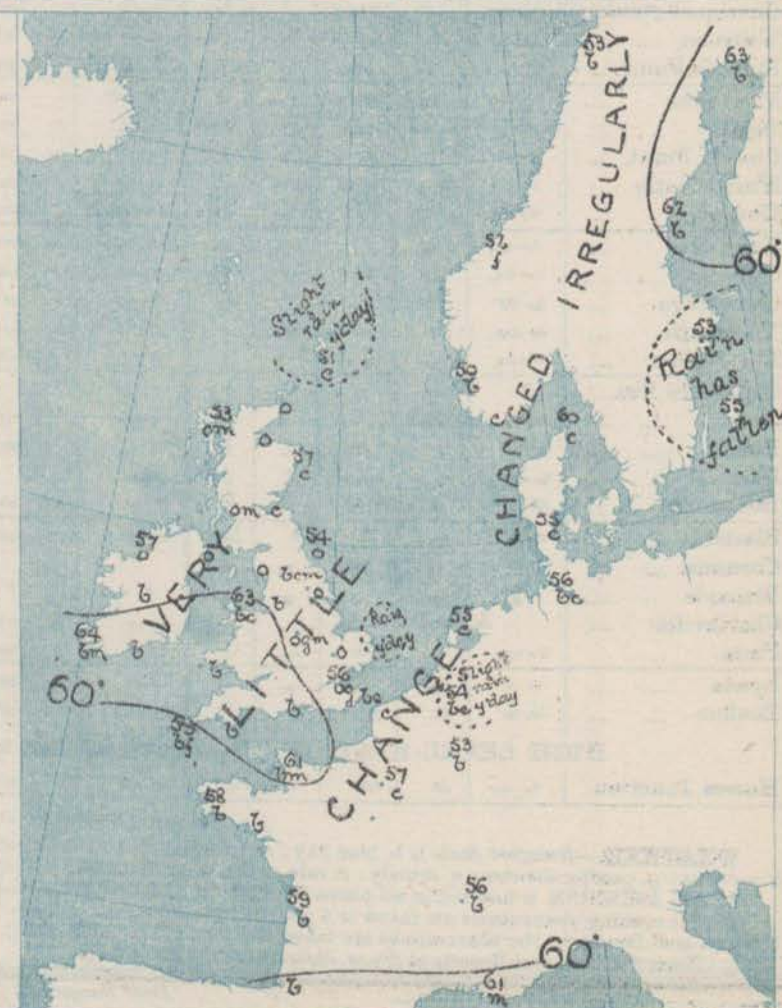
TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.
Weather — is shown by Letters of the Beaufort Scale.
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL. for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 54.2 | 61.7 | 3.03 |
| Wick | 53.3 | 60.7 | 1.60 |
| Nairn | 54.8 | 60.8 | 2.00 |
| Aberdeen | 54.8 | 61.1 | 1.87 |
| Leith | 56.4 | 63.1 | 1.96 |
| Shields | 55.2 | 61.9 | 1.76 |
| York | 56.6 | 63.2 | 2.47 |
| Ardrrossan | 56.6 | 62.1 | 2.77 |
| Donaghadee | 55.1 | 63.3 | 2.72 |
| Holyhead | 55.7 | 63.3 | 1.88 |
| Liverpool | 56.9 | 63.0 | 1.87 |
| Valencia | 58.9 | 63.9 | 3.52 |
| Roche's Point | 56.8 | 63.6 | 3.36 |
| Pembroke | 55.3 | 63.2 | 4.07 |
| Scilly | 57.2 | 55.2 | 1.89 |
| Hurst Castle | 58.1 | 65.9 | 1.98 |
| Dover | 59.1 | 65.6 | 1.76 |
| LONDON | 59.5 | 66.3 | 2.29 |
| Oxford | 57.2 | 63.9 | 2.22 |
| Cambridge | 58.1 | 64.8 | 2.30 |
| Yarmouth | 57.2 | 64.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Friday 20th June 1884. at 8 a.m.

Since yesterday morning the change in pressure over our islands have been exceedingly small and a large area of uniformly high readings still lies over the United Kingdom and greater part of France. In Denmark and the south of Scandinavia, however, the barometer has fallen a little, and moderate gradients for NW¹ or N¹ winds have again been formed over the eastern portion of the North Sea. The wind is fresh or strong from NE. in the south of Sweden and from NW in Denmark, but in our islands and the north of France light variable airs are reported. The weather is fine and bright over the north of Scandinavia, the west and south of our islands, and the greater part of France, but elsewhere the sky is cloudy or overcast, and at Stockholm and Utsjok rain is falling. Temperature has changed little and irregularly, and readings now range from 64° at Valencia to 51° in the Shetlands. The highest maxima registered yesterday were 70° at Oxford and 63° at Harrogate and Thaxte Point. The sea is slight or smooth on all coasts.

The fall of the barometer which is in progress on the eastern shore of the North Sea will probably occasion a renewal of N¹ and NW¹ winds on our north and east coasts, with showers in some places.

FORECASTS

for the 24 hours ending at NOON on 21st June 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

| | |
|----------------------|---|
| 0 { SCOTLAND NORTH | Variable breezes, finally NW ¹ ; faint unsettled & some showers. |
| 1 { SCOTLAND EAST | -----D-----D-----D----- |
| 2 { ENGLAND N.E. | -----D-----D-----D----- |
| 3 { ENGLAND EAST | Same as N° 5 |
| 4 { MIDLAND COUNTIES | Same as N° 5 |
| 5 { ENGLAND SOUTH | N ¹ or NE ¹ winds, light; fair generally |

DISTRICTS.

FORECASTS.

| | |
|--------------------|--|
| 6 { SCOTLAND WEST | NW ¹ or N ¹ winds, light; fair generally |
| 7 { ENGLAND N.W. | -----D-----D-----D----- |
| 8 { ENGLAND S.W. | -----D-----D-----D----- |
| 9 { IRELAND NORTH | N ¹ & NW ¹ winds, light; fair generally |
| 10 { IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

None Issued

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-----|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
| Skudesnaes | 30.11 | 55 | 51 | WNW | 6 | c | 3 | Valencia | 30.28 | 66 | 61 | WSW | 2 | bom | 3 |
| Sumburgh Head | 30.20 | 53 | 51 | W | 4 | 0 | 3 | Scilly | 30.26 | 65 | 59 | NN | 1 | b | 2 |
| Stornoway | 30.24 | 54 | 50 | SSE | 3 | om | 2 | Dover | 30.23 | 60 | 50 | NE | 3 | b | 1 |
| Aberdeen | 30.25 | 55 | 52 | SE | 1 | 0 | 2 | London | 30.23 | 64 | 59 | N | 2 | 0 | 3 |
| Shields | 30.24 | 53 | 51 | E | 3 | c | 3 | Yarmouth | 30.24 | 59 | 54 | NNE | 4 | c | 4 |
| Ardrossan | 30.24 | 58 | 52 | WEN | 1 | 0 | 0 | Jersey | 30.23 | 65 | 62 | WSW | 1 | b | 1 |
| Mullaghmore | 30.26 | 60 | 56 | NW | 3 | om | 2 | Rochefort | 30.20 | 77 | 65 | ENE | 5 | b | 2 |
| Holyhead | 30.25 | 66 | 59 | SSW | 1 | c | 1 | | | | | | | | |

REMARKS.

No important change has occurred since the morning. The barometer is almost stationary, the winds are light and variable and the weather fair. Temperature is inclined to rise. Sea is slight or smooth.

for Saturday 21st June 1884.
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

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) or overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN APOSTROPH is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^r Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on

Saturday 21st June

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10, → = forces 8 to 10,
→ = forces 5 to 7, → = forces 1 to 4,

○ = dead calm.

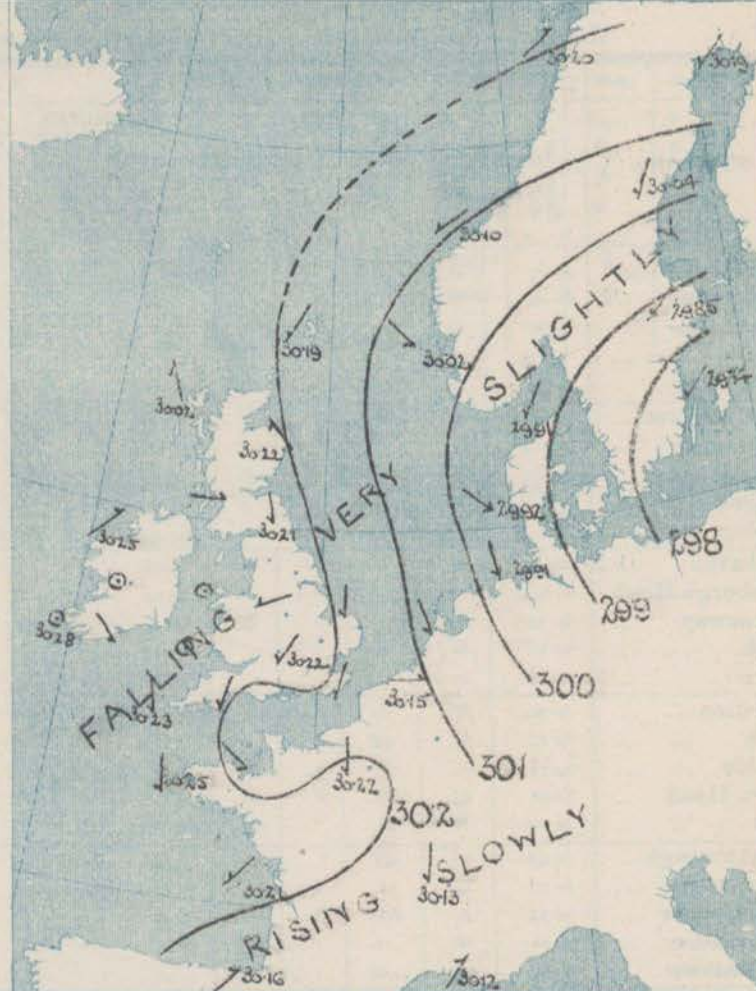
Sea Disturbance — where considerable is shown thus

▨ = Rough, ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|--------------|---------------|
| Sunbury Head | 29.860 |
| Stormoway | 29.872 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.915 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.898 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.928 |
| Roches Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.865 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.966 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather — is shown by letters of the Beaufort Scale.

Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|--------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sunbury Head | 50.7 | 49.1 | 2.04 |
| Stormoway | 51.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.59 |
| Nairn | 54.8 | 50.8 | 2.00 |
| Aberdeen | 54.8 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.96 |
| Shields | 55.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 56.6 | 52.1 | 2.77 |
| Donaghadee | 56.4 | 53.3 | 2.72 |
| Holyhead | 56.7 | 53.3 | 1.98 |
| Liverpool | 56.9 | 53.0 | 1.87 |
| Valencia | 56.9 | 53.9 | 3.52 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.9 | 53.2 | 2.07 |
| Scilly | 57.2 | 56.2 | 1.89 |
| Hurst Castle | 58.1 | 55.9 | 1.98 |
| Dover | 59.1 | 55.6 | 1.76 |
| LONDON | 59.6 | 56.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for *Saturday 21st June* 1884. at 8 a.m.

In the course of the past twenty-four hours the barometer has fallen very slightly in nearly all parts of Western Europe. The general distribution of pressure, however, remains unchanged, readings being high and uniform over our islands, but relatively low over the Baltic. The wind is moderate from NE in Sweden and France and fresh from NW on the eastern shore of the North Sea, but in our islands it is exceedingly light and variable. The weather is cloudy in Scotland but generally fine elsewhere. Fog or mist is, however, reported locally. Temperature has changed little and irregularly, and readings range from 63° at Valencia to 50° in the Shetlands and Hebrides. The highest maxima registered yesterday were 78° at Hurst Castle and 67° at Oxford, Cambridge, and in London. The sea is slight or smooth generally.

There is as yet no indication of any change in the weather.

FORECASTS

for the 24 hours ending at NOON on 22nd June 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|---|-----------------------|--|
| 0 { SCOTLAND NORTH | <i>Light variable winds; fair but cloudy</i> | 6 { SCOTLAND WEST | <i>Light breezes, chiefly N^W; fair generally</i> |
| 1 { SCOTLAND EAST | <i>.....</i> | 7 { ENGLAND N.W. | <i>.....</i> |
| 2 { ENGLAND N.E. | <i>Same as N^o 5</i> | 8 { ENGLAND S.W. | <i>N^W or N^W winds, light; fair generally</i> |
| 3 { ENGLAND EAST | <i>Same as N^o 5</i> | 9 { IRELAND NORTH | <i>.....</i> |
| 4 { MIDLAND COUNTIES | <i>Same as N^o 5</i> | 10 { IRELAND SOUTH | <i>.....</i> |
| 5 { ENGLAND SOUTH | <i>N^W winds, light; fair generally</i> | WARNINGS | <i>None Issued</i> |

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

| YESTERDAYS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|--|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
| Skudesnaes | 30.05 | 54 | 80 | NN | 6 | bc | 4 | Valeucia | 30.20 | 66 | 61 | WSN | 3 | bc | 3 |
| Sumburgh Head | 30.20 | 57 | 47 | NE | 1 | c | 1 | Scilly | 30.25 | 68 | 60 | NN | 2 | f | 3 |
| Stornoway | 30.25 | 58 | 57 | NE | 2 | c | 1 | Dover | 30.22 | 57 | 53 | E | 3 | b | 1 |
| Aberdeen | 30.25 | 57 | 52 | SE | 1 | c | 2 | London | 30.16 | 65 | 57 | ENE | 2 | o | 3 |
| Shields | 30.24 | 56 | 35 | E | 3 | b | 3 | Yarmouth | 30.22 | 59 | 53 | NNE | 3 | b | 3 |
| Ardrossan | 30.23 | 61 | 54 | Z | 0 | c | 0 | Jersey | 30.22 | 68 | 59 | WNW | 2 | b | 2 |
| Mullaghmore | 30.27 | 61 | 57 | NN | 2 | cv | 2 | Rochefort | 30.21 | 48 | 65 | ENE | 5 | b | 2 |
| Holyhead | 30.25 | 62 | 58 | NNN | 2 | o | 2 | | | | | | | | |

REMARKS.

There is still no important change. The barometer is almost stationary, the winds light and variable, and the weather fair. The sea is slight or smooth on all coasts.

DAILY WEATHER REPORT

for *Sunday* 27th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|------------------|---------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|------------------|----------|----------------|-------------|----------------|---------------------|--|
| STATIONS | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dirce. | 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. | Dirce. | Force. (0 to 12) | | | Max. | Min. | | |
| Haparanda | 30.18 | 64 | NE | 2 | b | 30.19 | -.01 | 62 | 53 | 0 | NE | 1 | b | 2 | 81 | 50 | — | |
| Hernösand ... | 30.05 | 64 | NE | 2 | b | 29.99 | -.05 | 59 | 50 | — | NE | 6 | b | 2 | 70 | 48 | — | |
| Stockholm ... | 29.89 | 52 | N | 2 | r | 29.75 | -.10 | 58 | 52 | — | NNE | 2 | r | 2 | 57 | 52 | 0.35 | |
| Wisby ... | 29.75 | 47 | NE | 4 | f | 29.69 | -.05 | 49 | 49 | 0 | NE | 4 | f | 2 | 57 | 46 | 0.32 | |
| Bodö | 30.07 | 54 | N | 2 | b | 30.08 | +.01 | 54 | 51 | + | N | 2 | b | 1 | 59 | 48 | — | |
| Christiansund ... | 30.05 | 54 | ENE | 4 | b | 29.94 | -.10 | 60 | 54 | + | ENE | 3 | b | 2 | 61 | 50 | — | |
| Skudesnaes ... | 30.08 | 49 | NNW | 6 | o | 29.97 | -.05 | 50 | 48 | — | NN | 6 | of | 3 | 55 | 45 | — | |
| Oxö (Ålansund) ... | 29.46 | 65 | NSW | 1 | b | 29.90 | -.06 | 60 | 56 | 0 | NNW | 4 | o | 1 | 72 | 55 | — | |
| Skagen (The Skaw) | 29.90 | 61 | N | 3 | c | 29.85 | -.05 | 61 | 59 | 0 | NNE | 2 | o | 0 | 72 | 57 | — | |
| Fanö ... | 29.92 | 59 | NN | 6 | c | 29.88 | -.04 | 59 | 58 | + | NN | 6 | r | 2 | 68 | 52 | — | |
| Cuxhaven ... | 29.95 | 57 | NNW | 5 | bc | 29.92 | -.01 | 58 | 57 | — | NNW | 5 | o | 2 | 56 | 54 | — | |
| † Sumburgh Head | 30.15 | 58 | NNW | 3 | o | 30.07 | -.12 | 48 | 45 | — | N | 1 | c | 1 | 50 | 45 | — | |
| † Stornoway ... | 30.17 | 54 | NE | 2 | o | 30.06 | -.10 | 55 | 53 | + | NSW | 3 | o | 3 | 57 | 48 | 0.12 | |
| Wick ... | 30.19 | 52 | E | 1 | b | 30.08 | -.14 | 52 | 52 | + | S | 1 | o | 0 | 54 | 48 | 0.10 | |
| Nairn ... | 30.18 | 57 | ENE | 1 | o | 30.10 | -.13 | 54 | 53 | 0 | Z | 0 | r | 1 | 67 | 51 | 0.12 | |
| † Aberdeen ... | 30.19 | 57 | SSE | 1 | b | 30.10 | -.12 | 57 | 55 | + | Z | 0 | d | 2 | 60 | 48 | 0.03 | |
| Leith ... | 30.16 | 57 | NE | 1 | b | 30.13 | -.08 | 56 | 54 | 0 | NN | 1 | rm | 2 | 60 | 51 | 0.01 | |
| † Shields ... | 30.15 | 54 | E | 3 | bc | 30.13 | -.08 | 58 | 56 | 0 | NN | 2 | o | 2 | 63 | 45 | — | |
| Spurn Head ... | 30.15 | 55 | SE | 2 | b | 30.15 | 0 | 56 | 53 | + | Z | 0 | b | 3 | 60 | 51 | — | |
| York ... | 30.17 | 66 | WSW | 1 | o | 30.17 | 0 | 56 | 53 | + | NNW | 1 | c | 2 | 72 | 44 | — | |
| Loughborough... | 30.18 | 60 | Z | 0 | o | 30.17 | -.01 | 60 | 56 | + | NNW | 2 | cm | 2 | 69 | 46 | 0.02 | |
| † Ardrossan ... | 30.18 | 55 | WSW | 2 | o | 30.15 | -.07 | 55 | 54 | — | Z | 0 | op | 2 | 62 | 52 | 0.01 | |
| † Mullaghmore ... | 30.22 | 62 | WSW | 1 | om | 30.19 | -.06 | 58 | 56 | + | WSW | 3 | om | 2 | 65 | 55 | — | |
| Donaghadee ... | 30.23 | 66 | E | 1 | o | 30.17 | -.08 | 61 | 59 | + | N | 2 | bc | 0 | 61 | 51 | 0.03 | |
| Parsonstown ... | 30.23 | 68 | NN | 1 | o | 30.23 | 0 | 60 | 57 | + | Z | 0 | og | 2 | 70 | 53 | — | |
| Barrow-in-Furness | 30.19 | 61 | NN | 4 | b | 30.17 | -.02 | 59 | 56 | + | N | 2 | c | 2 | 65 | 54 | — | |
| † Holyhead ... | 30.23 | 60 | WSW | 1 | c | 30.19 | -.05 | 58 | 56 | — | SSW | 1 | c | 1 | 65 | 53 | — | |
| Liverpool (Bidston) | 30.22 | 58 | WSW | 3 | o | 30.18 | -.05 | 60 | 55 | + | WSW | 2 | c | 3 | 65 | 55 | — | |
| † Valencia ... | 30.25 | 65 | WSW | 3 | c | 30.27 | +.02 | 60 | 59 | — | WSW | 2 | cm | 3 | 70 | 50 | — | |
| Roche's Point .. | 30.27 | 64 | NN | 4 | o | 30.25 | -.02 | 60 | 58 | — | NN | 1 | c | 2 | 68 | 55 | — | |
| Pembroke ... | 30.23 | 60 | NNW | 1 | bc | 30.20 | -.04 | 63 | 60 | + | S | 1 | bc | 0 | 64 | 55 | — | |
| † Scilly ... | 30.22 | 62 | WSW | 2 | bm | 30.22 | 0 | 61 | 58 | — | NN | 2 | om | 1 | 65 | 57 | — | |
| Prawle Point ... | 30.21 | 63 | SW | 2 | bc | 30.22 | +.01 | 62 | 59 | — | NN | 1 | bc | 1 | 70 | 54 | — | |
| Hurst Castle ... | 30.21 | 60 | SW | 3 | bc | 30.18 | -.01 | 62 | 59 | + | NNE | 2 | bc | 1 | 67 | 56 | — | |
| † Dover ... | 30.15 | 58 | E | 3 | b | 30.14 | -.01 | 64 | 58 | + | N | 2 | b | 1 | 64 | 50 | — | |
| † London ... | 30.18 | 66 | ENE | 2 | c | 30.17 | -.01 | 69 | 54 | + | NN | 1 | bm | 2 | 68 | 51 | — | |
| Oxford ... | 30.21 | 61 | NNE | 1 | o | 30.18 | -.05 | 59 | 53 | + | N | 4 | by | 2 | 66 | 49 | — | |
| Cambridge ... | 30.17 | 61 | N | 1 | c | 30.16 | -.01 | 58 | 55 | + | NNW | 1 | c | 2 | 69 | 45 | — | |
| † Yarmouth ... | 30.17 | 59 | N | 4 | bcv | 30.14 | -.04 | 56 | 53 | + | N | 3 | bc | 4 | 60 | 49 | — | |
| The Helder ... | 30.10 | 53 | NNW | 4 | o | 30.06 | -.04 | 55 | 51 | 0 | NNW | 4 | o | 3 | 55 | 52 | — | |
| Cape Griz Nez... | ? | 58 | N | 3 | b | ? | ? | 57 | 55 | — | SW | 3 | m | 1 | 63 | 54 | — | |
| † Jersey ... | 30.19 | 62 | N | 2 | bm | 30.19 | 0 | 58 | 56 | — | NNW | 2 | cm | 2 | 67 | 53 | — | |
| Brest ... | 30.22 | 62 | N | 3 | bc | 30.22 | 0 | 57 | 56 | — | NE | 1 | o | 1 | 66 | 54 | — | |
| Lorient ... | 30.19 | 68 | N | 4 | c | 30.21 | +.01 | 57 | 54 | 0 | ENE | 3 | c | 1 | 70 | 52 | — | |
| † Rochefort ... | 30.17 | 67 | NNW | 5 | b | 30.16 | -.01 | 59 | 57 | — | NNE | 5 | b | 2 | 73 | 50 | — | |
| Biarritz ... | 30.13 | 66 | NN | 3 | b | 30.12 | -.01 | 60 | 61 | + | N | 4 | o | 1 | 68 | 59 | — | |
| Coruana ... | • | • | • | • | • | 30.20 | -.03 | 67 | 64 | + | N | 1 | b | 2 | 45 | 58 | — | |
| Brussels ... | • | • | • | • | • | 30.12 | -.03 | 63 | 50 | + | NNW | 4 | o | • | 67 | 52 | — | |
| Charleville ... | • | • | • | • | • | 30.05 | -.09 | 54 | 48 | — | NNW | 4 | o | • | 59 | 46 | — | |
| Paris ... | 30.18 | 61 | N | 4 | o | 30.20 | +.02 | 57 | 54 | 0 | N | 4 | bc | • | • | • | — | |
| Lyons ... | 30.06 | 65 | NNE | 3 | b | 30.10 | -.04 | 56 | 51 | + | N | 3 | b | • | 68 | 49 | — | |
| Toulon ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | — | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.94 | 56 | SSW | 1 | bc | 28.94 | -.02 | 55 | 51 | 0 | W | 2 | cm | • | 61 | 45 | — | |

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|----|-------|---|----|----|---|---|---|----|---|----|----|---|
| Hawes Junction | 29.94 | 56 | SSW | 1 | bc | 29.94 | 0 | 55 | 51 | 0 | W | 2 | cm | 2 | 61 | 45 | — |
|----------------|-------|----|-----|---|----|-------|---|----|----|---|---|---|----|---|----|----|---|

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by J. H. Lath, London.

WEATHER

for 8 a.m. on

CHARTS

Sunday 22nd June

1884.

BAROMETER, WIND & SEA.

(Explanation of Map.)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; →→ = forces 4 to 5;

○ = dead calm.

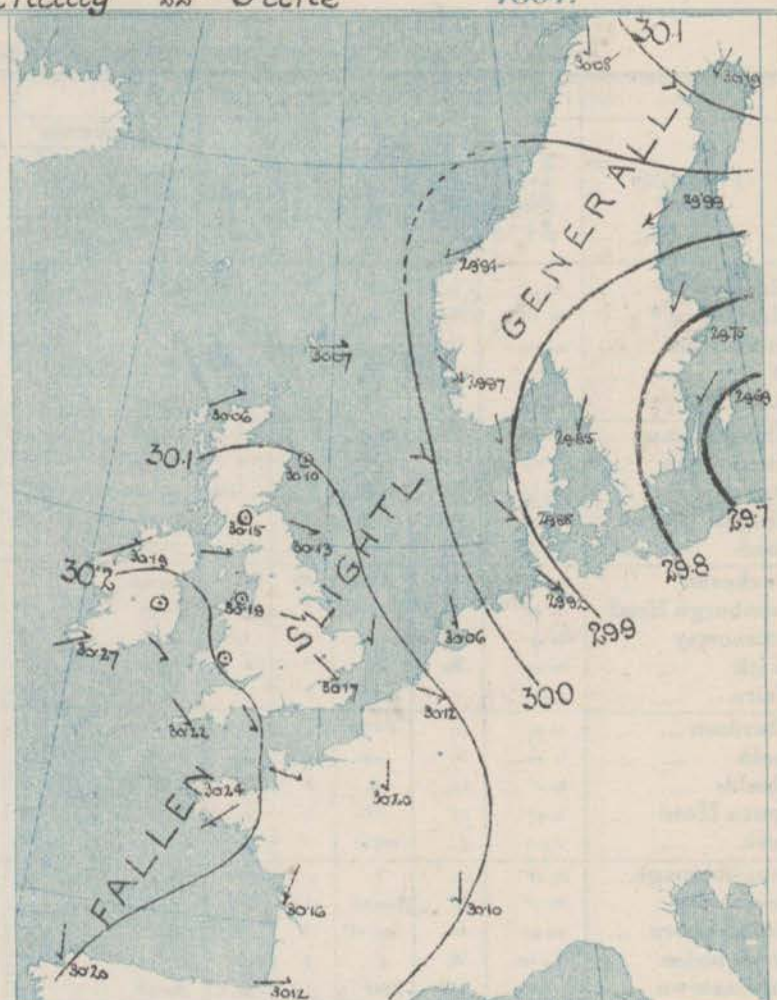
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Sornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.899 |
| Holyhead | 29.929 |
| Liverpool | 29.937 |
| Valencia | 29.929 |
| Roches Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.960 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.959 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

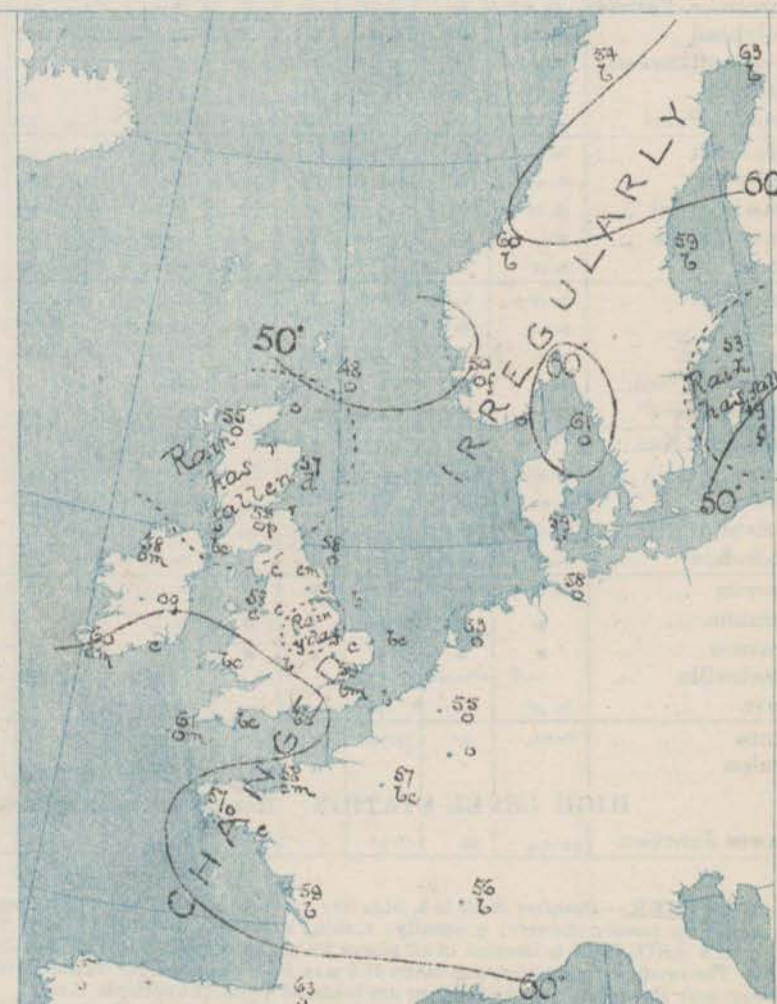
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 60.7 | 49.1 | 2.04 |
| Sornoway | 61.2 | 51.7 | 3.03 |
| Wick | 63.3 | 50.7 | 1.50 |
| Nairn | 64.8 | 50.8 | 2.00 |
| Aberdeen | 64.8 | 51.1 | 1.87 |
| Leith | 66.4 | 53.1 | 1.96 |
| Shields | 66.2 | 51.9 | 1.76 |
| York | 66.6 | 53.2 | 2.47 |
| Ardrossan | 66.6 | 52.1 | 2.77 |
| Donaghadee | 66.4 | 53.3 | 2.72 |
| Holyhead | 66.7 | 53.3 | 1.99 |
| Liverpool | 66.9 | 53.0 | 1.87 |
| Valencia | 66.9 | 53.9 | 3.52 |
| Roches Point | 66.8 | 53.6 | 3.26 |
| Pembroke | 65.9 | 53.2 | 2.07 |
| Scilly | 67.2 | 55.2 | 1.89 |
| Hurst Castle | 68.1 | 55.9 | 1.98 |
| Dover | 69.1 | 56.6 | 1.76 |
| LONDON | 69.5 | 56.3 | 2.24 |
| Oxford | 67.2 | 53.9 | 2.22 |
| Cambridge | 68.1 | 54.9 | 2.30 |
| Yarmouth | 67.2 | 54.4 | 2.12 |

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Sunday 22nd June 1884, at 8 a.m.

The fall of the barometer noticed over Western Europe yesterday has become rather more decided at our northern stations than elsewhere, and the area of high pressure which formerly lay over our islands is now confined to our south-west coasts. The lowest readings are still found over the Baltic. The wind W^2 on our northern coasts, but NN^2 or N^2 elsewhere, in force it is light or moderate generally. The weather remains fair at all but the Scotch stations, where rain is falling. Temperature has risen a little in most parts of our islands, and readings range from 62° at Howle Point and Hurst Castle to 48° in the Shetlands. The highest maxima registered yesterday were 72° at York, 70° at Parnassus and Valencia and 69° at Loughborough and Cambridge. The sea is slight or smooth on all coasts.

FORECASTS

for the 24 hours ending at NOON on 23rd June 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

none issued

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

none issued

WARNINGS

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

| TUESDAY 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|-------------------------------------|-------|------|------|-------|------|------|----------|-----------|-------|------|-------|------|------|---|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
| Skudesnaes | | | | | | | Valencia | 30.26 | 69 | 62 | WSN | 3 | bm | 3 | |
| Sumburgh Head | 30.17 | 30 | 48 | NNE | 1 | 0 | 1 | Scilly | 30.28 | 64 | 61 | NNW | 2 | b | 1 |
| Stornoway | 30.18 | 54 | 53 | SSE | 2 | c | 1 | Dover | 30.19 | 59 | 58 | NE | 3 | b | 1 |
| Aberdeen | 30.20 | 56 | 51 | SE | 2 | b | 2 | London | 30.19 | 65 | 55 | NNE | 2 | c | 2 |
| Shields | 30.17 | 56 | 55 | E | 2 | c | 2 | Yarmouth | 30.19 | 59 | 54 | N | 4 | b | 4 |
| Ardrossan | 30.20 | 60 | 55 | WSN | 2 | c | 1 | Jersey | 30.20 | 65 | 60 | NW | 2 | b | 2 |
| Mullaghmore | 30.23 | 64 | 59 | WSN | 1 | m | 1 | Rochefort | 30.19 | 72 | 65 | NW | 2 | b | 2 |
| Holyhead | 30.24 | 59 | 55 | NN | 1 | 0 | 1 | | | | | | | | |

REMARKS.

The barometer continues to fall slightly in most places, but the wind and weather are unchanged. Sea is slight or smooth on all coasts.

for Monday 23rd June 1884.
 Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| + YESTERDAY EVENING | 8 A.M. TO DAY | BASE |
|---------------------|---------------|------|
|---------------------|---------------|------|

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) 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, way, and Denmark, the observations are taken at 8 p.m. (Christiania time).
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Fred^d Dangerfield Lith. London.

WEATHER CHARTS

For 8 a.m. on Monday

23rd JUNE

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words. Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

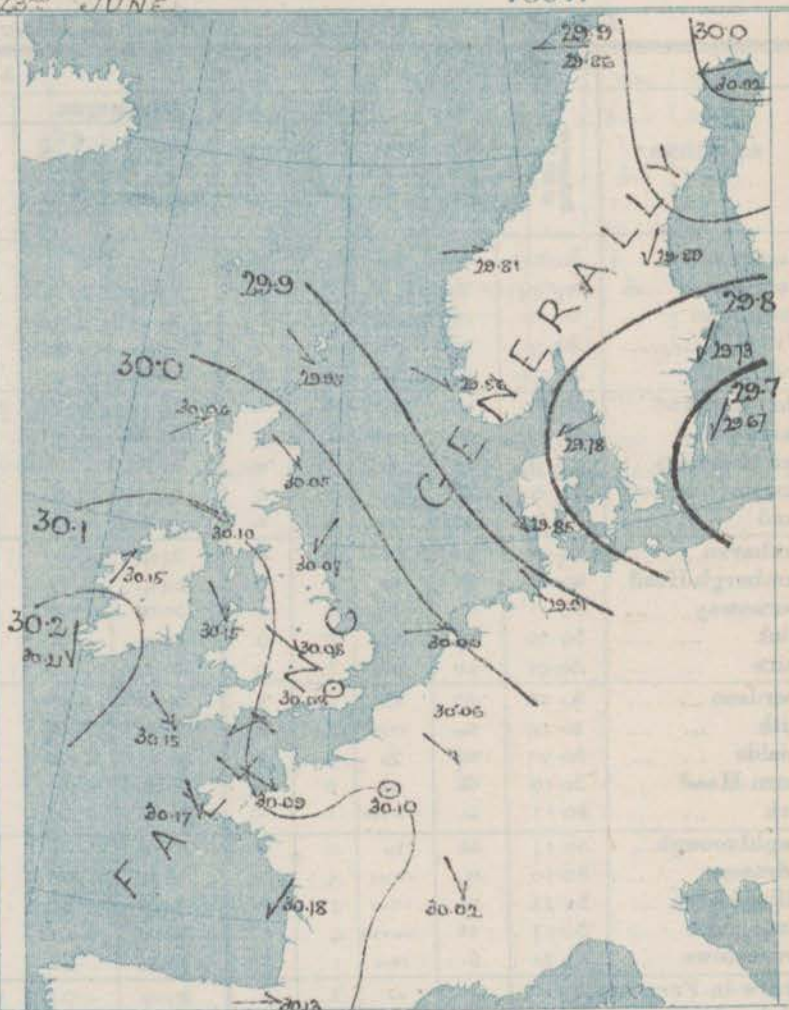
* — forces above 10, — forces 8 to 10,
— forces 5 to 7, — forces 1 to 4,
○ — dead calm.

Sea Disturbance — where considerable is shown thus —
— Rough, — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.860 |
| Stormoway | 29.832 |
| Wick | 29.881 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.848 |
| York | 29.836 |
| Ardrossan | 29.895 |
| Donaghadee | 29.898 |
| Holyhead | 29.829 |
| Liverpool | 29.830 |
| Valencia | 29.923 |
| Roch's Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Bur's Castle | 29.969 |
| Dover | 29.982 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.958 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.

Weather — is shown by Letters of the Beaufort Scale.

Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 60.7 | 49.1 | 2.04 |
| Stormoway | 59.2 | 51.7 | 3.03 |
| Wick | 59.3 | 50.7 | 1.50 |
| Nairn | 54.8 | 50.8 | 2.00 |
| Aberdeen | 54.8 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.86 |
| Shields | 55.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 55.6 | 52.1 | 2.77 |
| Donaghadee | 55.4 | 53.3 | 2.12 |
| Holyhead | 55.7 | 53.3 | 1.98 |
| Liverpool | 55.9 | 53.0 | 1.87 |
| Valencia | 56.9 | 53.9 | 3.52 |
| Roch's Point | 56.8 | 53.5 | 3.36 |
| Pembroke | 55.9 | 53.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 1.89 |
| Bur's Castle | 58.1 | 55.9 | 1.98 |
| Dover | 59.1 | 55.6 | 1.76 |
| LONDON | 59.6 | 56.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Monday 23rd June 1884, at 8 a.m.

The large area of high pressure which lay over the greater part of our islands and France last week has now receded to our south-west coast, and the barometer is falling generally. The lowest readings are still found over the Baltic but some small and very shallow depressions are apparently moving along our east and north-east coasts. The wind is E^{ly} in Sweden, but over the United Kingdom and France it varies between NW. and N.; in force it is light or moderate generally. The weather is foggy in many parts of Scandinavia, and rain is falling at Stockholm, but elsewhere conditions are mostly fair. During yesterday, rain fell in Scotland, and slight showers at several of our eastern and southern stations. Temperature has fallen in the west, and readings now range from 60° in London to 50° in the Shetlands and Hebrides. The highest maxima registered yesterday were 72° at Hurst Castle and Cambridge and 70° at Loughborough. The sea is moderate to smooth.

The distribution of pressure is favourable for the advance of depressions from the NW^{ly} or N^{ly}, and showers are probable on all our northern and eastern coasts.

FORECASTS

for the 24 hours ending at NOON on 24th June 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|---|--------------------|--|
| 0 { SCOTLAND NORTH | W ^{ly} or NW ^{ly} winds, moderate; cloudy, some rain. | 6 { SCOTLAND WEST | NW ^{ly} winds, light or moderate; cloudy, some showers. |
| 1 { SCOTLAND EAST | ----- D ^o ----- D ^o ----- D ^o ----- | 7 { ENGLAND N. W. | ----- D ^o ----- D ^o ----- D ^o ----- |
| 2 { ENGLAND N. E. | Same as No 5. | 8 { ENGLAND S. W. | NW ^{ly} winds, light; fair generally. |
| 3 { ENGLAND EAST | Same as No 5. | 9 { IRELAND NORTH | W ^{ly} winds, light or moderate; cloudy, some rain. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | ----- D ^o ----- D ^o ----- D ^o ----- |
| 5 { ENGLAND SOUTH | NW ^{ly} or N ^{ly} winds, light; fair on the whole, but probably some showers. | WARNINGS | |
| | | | None issued |

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|
| Skudesnaes | 29.43 | 52 | 50 | NW | 6 | 0 | 3 | Valencia | | | | | |
| Sumburgh Head | | | | | | | | Scilly | | | | | |
| Stornoway | | | | | | | | Dover | | | | | |
| Aberdeen | | | | | | | | London | | | | | |
| Shields | | | | | | | | Yarmouth | | | | | * |
| Ardrossan | | | | | | | | Jersey | | | | | |
| Mullaghmore | | | | | | | | Rochefort | 30.18 | 74 | 68 | 172 | 5 |
| Holyhead | | | | | | | | | | | | c | 2 |

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 15th to the 21st June 1864

During the past week the changes in pressure, winds, and weather have been very slight. At the commencement of the time an anticyclone, with readings above 30.4 in., lay over our western coasts, while a depression system with readings below 29.4 in. moved from the north of Scandinavia to the Baltic. The wind was NW^{ly} in the north, and NE^{ly} in the south, with fair weather in most parts of our islands, but showers in the extreme north, and heavy rain in some parts of Scandinavia. A slight fall of the barometer subsequently took place in the west, and during the remainder of the week a large anticyclone in which readings exceeded 30.2 in. covered the greater part of our islands and France, while the lowest pressures continued to exist over the Baltic. NW^{ly} or N^{ly} breezes were still reported on our east coasts, with slight showers on one or two occasions, but in the west the wind fell light and variable. Temperature was rather low throughout the week, the highest readings over England being on Friday, when the thermometers at the inland stations varied between 66° and 72°. From Tuesday until the close of the period the barometer was almost stationary.

DAILY WEATHER REPORT

for *Tuesday* 24th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| Issued by the Meteorological Office, 10, Victoria St., London, W. 1. No. 2007. | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|-----------------|-------|-----------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-----------------|----------|---------------|-------------|------|---------------------|--|
| † YESTERDAY EVENING. | | | | | | | | | | 8 A.M. TO DAY. | | | | | | | PAST 24 HOURS. | |
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea (0 to 9). | SHADE TEMP. | | | |
| | | | 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 | 29.83 | 65 | NE | 2 | C | 29.77 | - .25 | 61 | 57 | + 1 | SE | 4 | O | * | 73 | 52 | - | |
| Hernösand ... | 29.69 | 56 | NNE | 4 | A | 29.65 | - .24 | 49 | 48 | - 5 | SE | 8 | O | * | 59 | 48 | 0.51 | |
| Stockholm ... | 29.52 | 52 | WNW | 2 | A | 29.59 | - .14 | 57 | 57 | + 2 | S | 4 | A | * | 57 | 52 | 0.98 | |
| Wishby ... | 29.63 | 52 | NE | 4 | A | 29.66 | - .01 | 57 | 56 | + 6 | SE | 4 | O | * | ? | 48 | 0.59 | |
| Bodö | 29.76 | 68 | ESE | 2 | C | 29.63 | - .23 | 50 | 50 | - 2 | SE | 2 | A | 2 | 66 | 50 | 0.12 | |
| Christiansund ... | 29.80 | 50 | W | 4 | O | 29.70 | - .11 | 50 | 46 | - 2 | WNW | 2 | O | 2 | ? | 45 | - | |
| † Skudesnaes ... | 29.82 | 50 | NW | 6 | O | ? 29.73 | - .13 | 53 | 50 | + 9 | NW | 4 | O | 3 | 54 | 50 | - | |
| Oxö (Ålmasund) ... | 29.71 | 60 | WSW | 4 | bc | 29.59 | - .22 | 59 | 54 | + 2 | W | 4 | bc | 2 | 61 | 54 | - | |
| Skagen (The Skaw) | 29.71 | 58 | NW | 3 | bc | 29.63 | - .15 | 59 | 60 | + 1 | WSW | 4 | bc | 3 | 64 | 52 | - | |
| Faßö ... | 29.83 | 53 | NW | 6 | O | 29.83 | - .02 | 54 | 52 | + 1 | WNW | 6 | C | * | 57 | 52 | - | |
| Cuxhaven ... | 29.91 | 56 | WNW | 4 | A | 29.90 | - .01 | 59 | 58 | + 4 | WNW | 4 | bc | * | ? | 51 | - | |
| † Sumburgh Head | 29.90 | 50 | W | 1 | O | 29.62 | - .33 | 50 | 50 | 0 | SE | 3 | 1 | 2 | 54 | 46 | 0.01 | |
| † Stornoway ... | 29.88 | 50 | SEW | 5 | A | 29.63 | - .43 | 52 | 54 | + 2 | S | 7 | 2 | 6 | 55 | 48 | 0.12 | |
| Wick ... | 29.91 | 54 | S | 2 | O | 29.64 | - .38 | 56 | 54 | + 3 | SEW | 3 | O | 2 | 57 | 50 | 0.02 | |
| Nairn ... | 29.92 | 57 | W | 2 | O | 29.72 | - .35 | 57 | 54 | + 5 | WSW | 2 | O | 2 | 64 | 51 | 0.01 | |
| † Aberdeen ... | 29.97 | 56 | SSE | 1 | bc | 29.71 | - .34 | 62 | 57 | + 9 | SW | 1 | C | 1 | 62 | 50 | - | |
| Leith ... | 29.98 | 59 | WNW | 2 | bc | 29.80 | - .27 | 60 | 56 | + 3 | W | 1 | O | * | 63 | 52 | - | |
| † Shields ... | 30.00 | 55 | SSE | 2 | bc | 29.88 | - .22 | 60 | 57 | + 8 | SW | 2 | m | 2 | 60 | 50 | - | |
| Spurn Head ... | 30.02 | 54 | NE | 4 | C | 29.95 | - .07 | 58 | 55 | + 3 | W | 2 | bc | 2 | 60 | 50 | - | |
| York ... | 30.04 | 57 | NE | 1 | C | 29.95 | - .11 | 59 | 54 | + 4 | W | 2 | bc | * | 59 | 50 | - | |
| Loughborough ... | 30.02 | 61 | WNW | 4 | C | 29.97 | - .11 | 60 | 54 | + 3 | W | 2 | cm | * | 66 | 49 | - | |
| † Ardrossan ... | 30.01 | 55 | 2 | 0 | A | 29.84 | - .26 | 54 | 53 | - 2 | SW | 1 | op | 2 | 62 | 52 | 0.01 | |
| † Mullaghmore ... | 29.99 | 56 | SW | 4 | mp | 29.87 | - .28 | 58 | 57 | + 4 | SW | 5 | om | 4 | 61 | 53 | 0.05 | |
| Donaghadee ... | 30.02 | 55 | SSW | 2 | O | 29.87 | - .28 | 60 | 58 | + 6 | W | 3 | C | 1 | 60 | 53 | - | |
| Parsonstown ... | 30.04 | 61 | SW | 1 | O | 29.96 | - .24 | 59 | 57 | + 6 | SW | 1 | og | * | 65 | 52 | - | |
| Barrow-in-Furness | 30.04 | 57 | WNW | 3 | C | 29.92 | - .18 | 55 | 57 | + 3 | ENE | 4 | O | 4 | 60 | 52 | 0.02 | |
| † Holyhead ... | 30.07 | 56 | SEW | 2 | O | 29.95 | - .20 | 56 | 55 | + 1 | SSW | 2 | of | 2 | 64 | 53 | 0.03 | |
| Liverpool (Bilston) | 30.06 | 57 | WNW | 2 | bc | 29.95 | - .16 | 58 | 55 | + 5 | S | 1 | O | 1 | 57 | 51 | - | |
| † Valencia ... | 30.08 | 60 | SW | 4 | omd | 30.04 | - .17 | 60 | 60 | + 2 | W | 3 | om | 4 | 61 | 56 | 0.05 | |
| Roche's Point ... | 30.10 | 62 | W | 2 | C | 30.04 | - .16 | 60 | 57 | + 4 | W | 1 | C | 2 | 66 | 54 | - | |
| Pembroke ... | 30.11 | 53 | WNW | 3 | bc | 30.01 | - .14 | 58 | 57 | + 2 | W | 2 | om | 2 | 59 | 53 | - | |
| † Scilly ... | 30.11 | 58 | NW | 4 | C | 30.04 | - .11 | 60 | 59 | + 1 | W | 2 | of | 4 | 62 | 55 | - | |
| Prawle Point ... | 30.07 | 63 | NW | 2 | bc | 30.04 | - .06 | 62 | 57 | 0 | WNW | 1 | C | 1 | 70 | 50 | - | |
| Hurst Castle ... | 30.02 | 63 | W | 4 | bc | 30.02 | - .06 | 60 | 55 | + 3 | NNE | 1 | C | 1 | 68 | 54 | - | |
| † Dover ... | 29.98 | 61 | WSW | 1 | bc | 29.98 | - .06 | 60 | 56 | + 1 | N | 2 | bc | 1 | 64 | 53 | - | |
| † London ... | 30.00 | 66 | WNW | 3 | C | 30.02 | - .06 | 58 | 54 | - 2 | SW | 2 | C | * | 71 | 52 | - | |
| Oxford ... | 30.03 | 58 | N | 1 | C | 30.01 | - .08 | 59 | 53 | + 1 | WNW | 1 | bc | * | 65 | 52 | - | |
| Cambridge ... | 29.99 | 65 | NW | 1 | bc | 29.99 | - .06 | 57 | 56 | - 1 | W | 1 | bc | * | 68 | 47 | - | |
| † Yarmouth ... | 29.98 | 60 | NNE | 1 | C | 29.98 | - .04 | 58 | 55 | - 1 | NE | 2 | bc | 2 | 64 | 53 | - | |
| The Helder ... | 29.98 | 56 | 2 | 0 | bc | 29.97 | - .03 | 55 | 53 | + 1 | 2 | 0 | C | 1 | 61 | 54 | - | |
| Cape Griz Nez ... | ? | 63 | N | 1 | m | ? | ? | 56 | 55 | - 1 | N | 3 | m | 1 | 66 | 54 | 0.04 | |
| † Jersey ... | 30.12 | 58 | N | 4 | C | 30.09 | - .08 | 56 | 54 | - 2 | NW | 3 | O | 3 | 63 | 50 | - | |
| Brest ... | 30.06 | 67 | WNW | 4 | C | 30.13 | - .00 | 55 | 53 | - 3 | NW | 4 | C | 2 | 70 | 50 | - | |
| † Rochefort ... | 30.12 | 63 | NW | 7 | C | 30.07 | - .11 | 63 | 61 | + 2 | NE | 3 | O | 2 | 73 | 55 | - | |
| Biarritz ... | 30.10 | 63 | N | 5 | C | 30.09 | - .04 | 62 | 58 | + 1 | W | 4 | C | 1 | 66 | 59 | - | |
| Corunna ... | ? | ? | ? | ? | ? | 29.98 | - .08 | 59 | 57 | + 4 | SW | 1 | bc | * | 62 | 54 | 0.04 | |
| Brussels ... | ? | ? | ? | ? | ? | 30.00 | - .04 | 57 | 53 | + 2 | ENE | 1 | C | * | 67 | 50 | - | |
| Charleville ... | ? | ? | ? | ? | ? | 30.07 | - .03 | 62 | 58 | + 5 | N | 1 | C | * | ? | ? | - | |
| Paris ... | 30.02 | 66 | NE | 1 | C | 30.07 | - .03 | 62 | 58 | + 5 | N | 1 | C | * | ? | ? | - | |
| Lyons ... | 29.94 | 65 | N | 3 | C | 29.96 | - .06 | 61 | 55 | + 5 | WNW | 1 | C | * | 70 | 53 | - | |
| Toulon ... | 30.02 | 63 | W | 4 | m | 30.02 | - .06 | 60 | 57 | | E | 1 | C | 2 | 73 | 57 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.79 | 53 | W | 2 | C | 28.69 | - .15 | 51 | 51 | + 3 | WSW | 3 | om | * | 58 | 46 | - | |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

† These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on *Tuesday* 24th *JUNE* 1884.

BAROMETER, WIND & SEA.

(Explanation of Map.)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10, → = forces 8 to 10,
 → = forces 5 to 7, → = forces 1 to 4,
 ⊙ = dead calm.

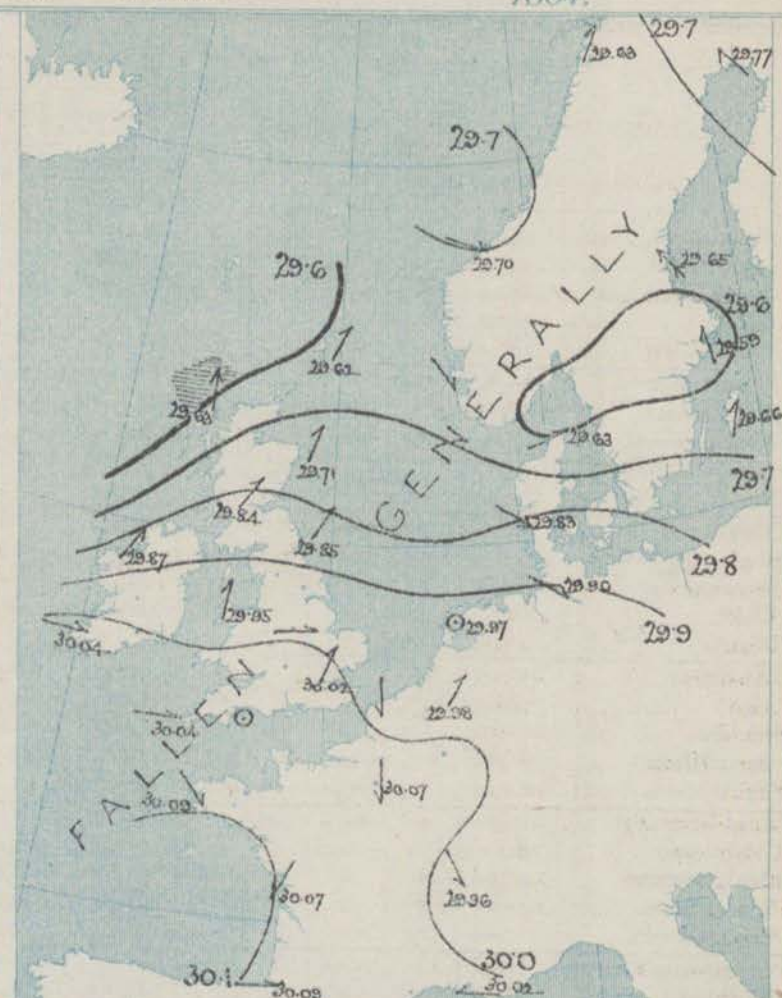
Sea Disturbance — where considerable is shown thus

[Symbol] = Rough. [Symbol] = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *June*.
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.914 |
| York | 29.936 |
| Ardrossan | 29.935 |
| Donaghadee | 29.938 |
| Holyhead | 29.939 |
| Liverpool | 29.950 |
| Valencia | 29.929 |
| Roch's Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.977 |
| Hurst Castle | 29.968 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.953 |
| Cambridge | 29.957 |
| Yarmouth | 29.956 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature — Isotherms are drawn for each 10° Changes since previous morning are stated in words.

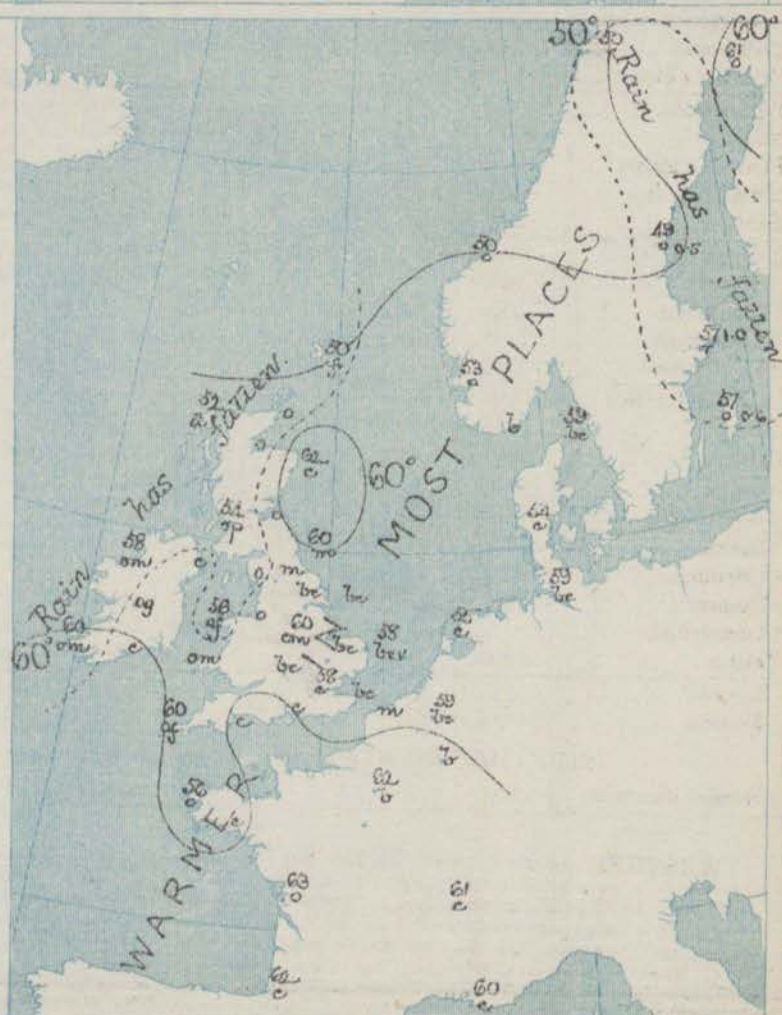
Weather — is shown by Letters of the Beaufort Scale.

Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL. for the month of *June*.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 51.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.69 |
| Nairn | 54.6 | 50.8 | 2.00 |
| Aberdeen | 54.8 | 51.1 | 1.87 |
| Leith | 56.4 | 53.1 | 1.88 |
| Shields | 56.2 | 51.9 | 1.76 |
| York | 56.6 | 53.2 | 2.47 |
| Ardrossan | 56.6 | 52.1 | 2.77 |
| Donaghadee | 56.4 | 53.2 | 2.12 |
| Holyhead | 56.7 | 53.3 | 1.95 |
| Liverpool | 56.9 | 53.0 | 1.87 |
| Valencia | 56.8 | 53.9 | 3.52 |
| Roch's Point | 56.8 | 53.5 | 3.36 |
| Pembroke | 55.7 | 53.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 1.89 |
| Hurst Castle | 58.1 | 55.9 | 1.93 |
| Dover | 59.1 | 55.5 | 1.76 |
| LONDON | 59.5 | 55.3 | 2.24 |
| Oxford | 57.2 | 53.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.1 | 2.12 |

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Tuesday 24th June

1884, at 8 a.m.

In the course of the past twenty-four hours a large depression has advanced to the north-west of Scotland, while a smaller disturbance has appeared over the south of Scandinavia, and the barometer has therefore fallen generally most in the north. The highest pressures are now shown over the Bay of Biscay. At our extreme southern and the French stations the wind is still N^W, but elsewhere it has backed to W. or S.W. and at Stromway it blows strongly. The weather is dull in the west and north, with rain in the Hebrides, but elsewhere it is generally fair. Since yesterday morning a little rain has fallen at several of our western and northern stations. Temperature has risen in most places, and readings over our islands now range from 62° at Aberdeen and 60° on our south coasts to 50° in the Shetlands. The highest maxima registered yesterday were 71° in London and 40° at Hawke Point. The sea is rough at Stromway, moderate to smooth elsewhere.

The depression in the north-west will probably move away north-eastwards or eastwards, but with the present distribution of pressure other disturbances are likely to arrive on our coasts shortly.

FORECASTS

for the 24 hours ending at NOON on 25th June 1884.

(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|---|--------------------|--|
| 0 { SCOTLAND NORTH | SW ^W or W ^W winds, strong; cloudy, some rain. | 6 { SCOTLAND WEST | SW ^W and W ^W winds, moderate; cloudy, some rain. |
| 1 { SCOTLAND EAST | SW ^W and W ^W winds, moderate, fair to cloudy and some rain. | 7 { ENGLAND N.W. | -----D°-----D°-----D°----- |
| 2 { ENGLAND N.E. | -----D°-----D°-----D°----- | 8 { ENGLAND S.W. | Same as No 5. |
| 3 { ENGLAND EAST | Same as No 5. | 9 { IRELAND NORTH | Same as Nos 6 and 7. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | Same as No 5. |
| 5 { ENGLAND SOUTH | W ^W winds, light or moderate, changeable, some rain. | WARNINGS | None issued |

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|---|---|
| Skudesnaes | 29.85 | 53 | 49 | NW | 6 | 0 | 3 | Valencia | 30.15 | 59 | 57 | S | 4 | 0 | 4 |
| Sumburgh Head | 29.94 | 52 | 49 | NW | 1 | 0 | 1 | Scilly | 30.14 | 59 | 56 | NW | 3 | 0 | 4 |
| Stornoway | 29.96 | 53 | 50 | S | 5 | 0 | 4 | Dover | 30.01 | 63 | 60 | NW | 1 | 0 | 0 |
| Aberdeen | 30.01 | 57 | 52 | N | 1 | 0 | 2 | London | 30.03 | 66 | 56 | NW | 3 | 0 | 3 |
| Shields | 30.04 | 56 | 53 | E | 3 | 0 | 2 | Yarmouth | 30.00 | 63 | 58 | NW | 5 | 0 | 3 |
| Ardrossan | 30.05 | 58 | 52 | SE | 1 | 0 | 1 | Jersey | 30.06 | 65 | 60 | NW | 3 | 0 | 3 |
| Mullaghmore | 30.06 | 60 | 54 | N | 3 | 0 | 2 | Rochefort | 30.15 | 67 | 63 | NW | 3 | 0 | 2 |
| Holyhead | 30.09 | 62 | 59 | NW | 2 | 0 | 2 | | | | | | | | |

REMARKS.

The barometer has begun to fall rather decidedly in the extreme N. and the wind at Stornoway and Valencia has backed to the S^d, with dull weather. Over the greater part of England the wind remains N or NW and the weather fair. The sea is moderate to smooth.

DAILY WEATHER REPORT

for Wednesday 25th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| 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. | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Direc. | 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. | Direc. | Force. (0 to 12). | | Weather. | Max. | | Min. | | |
| | | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.75 | 64 | S | 2 | r | 29.69 | — | 10 | 60 | 57 | — | 1 | S | 2 | a | * | 79 | 57 | 0.20 |
| Hernösand ... | 29.69 | 49 | Z | 0 | r | 29.53 | — | 12 | 50 | 48 | + | 1 | Z | 0 | 0 | * | 57 | 46 | 0.16 |
| Stockholm ... | 29.65 | 55 | S | 2 | r | 29.70 | — | 11 | 57 | 54 | — | 0 | SSW | 4 | a | * | 63 | 50 | 0.24 |
| Wisby ... | 29.70 | 57 | SW | 4 | bc | 29.58 | + | 16 | 57 | 59 | — | 0 | SW | 6 | bc | * | 66 | 52 | — |
| Bodö ... | 29.5 | 53 | NW | 2 | c | 29.32 | — | 21 | 64 | 54 | + | 11 | SE | 6 | bc | 2 | 61 | 50 | — |
| Christiansund ... | 29.42 | 53 | ENE | 2 | c | 29.30 | — | 37 | 55 | 50 | + | 5 | SW | 4 | bc | 3 | 55 | 46 | 0.20 |
| Skudesnaes ... | 29.5 | 50 | SSE | 6 | r | 29.63 | — | 10 | 50 | 50 | — | 0 | W | 4 | 0 | 3 | 54 | 50 | — |
| Oxö (Ålön) ... | 29.65 | 55 | WSW | 6 | m | 29.50 | — | 06 | 50 | 53 | — | 3 | W | 4 | bc | 2 | 61 | 52 | 0.35 |
| Skagen (The Skaw) | 29.67 | 54 | WSW | 6 | bc | 29.50 | — | 03 | 50 | 54 | — | 5 | WSW | 6 | r | 5 | 61 | 52 | 0.28 |
| Fanö ... | 29.82 | 54 | WSW | 6 | c | 29.74 | — | 09 | 50 | 54 | + | 2 | WSW | 6 | r | * | 59 | 52 | 0.20 |
| Cuxhaven ... | 29.95 | 56 | W | 1 | b | 29.88 | — | 02 | 58 | 57 | — | 1 | SW | 2 | f | * | ? | 49 | 0.02 |
| † Sumburgh Head | 29.83 | 52 | W | 4 | r | 29.51 | — | 11 | 50 | 47 | — | 0 | W | 6 | 0 | 5 | 53 | 46 | 0.50 |
| † Stornoway ... | 29.58 | 52 | W | 6 | og | 29.78 | + | 15 | 49 | 46 | — | 3 | W | 6 | og | 5 | 56 | 46 | 0.31 |
| Wick ... | 29.50 | 56 | NW | 6 | c | 29.73 | + | 09 | 50 | 49 | — | 3 | WNW | 7 | 0 | 4 | 60 | 47 | 0.20 |
| Nairn ... | 29.54 | 60 | W | 7 | b | 29.79 | + | 07 | 51 | 49 | — | 6 | W | 3 | 0 | 2 | 67 | 50 | — |
| † Aberdeen ... | 29.50 | 60 | S | 2 | c | 29.81 | + | 10 | 59 | 51 | — | 3 | NW | 5 | bc | 2 | 65 | 48 | 0.07 |
| Leith ... | 29.65 | 62 | W | 3 | c | 29.89 | + | 09 | 57 | 51 | — | 3 | NW | 4 | c | * | 65 | 48 | — |
| † Shields ... | 29.74 | 62 | SW | 4 | r | 29.94 | + | 09 | 55 | 52 | — | 5 | W | 4 | c | 2 | 69 | 46 | 0.03 |
| Spurn Head ... | 29.82 | 65 | WSW | 3 | c | 29.98 | + | 01 | 56 | 51 | — | 2 | NW | 4 | bc | 4 | 69 | 51 | — |
| York ... | 29.84 | 64 | W | 3 | c | 29.97 | + | 02 | 56 | 49 | — | 2 | NW | 2 | bc | * | 68 | 51 | — |
| Loughborough... | 29.87 | 69 | WSW | 3 | c | 30.00 | + | 03 | 57 | 52 | — | 3 | WNW | 4 | c | * | 71 | 56 | — |
| † Ardrossan ... | 29.72 | 56 | Z | 0 | o dp | 29.96 | + | 12 | 56 | 49 | — | 1 | W | 3 | 0 | 2 | 56 | 50 | 0.01 |
| † Mullaghmore ... | 29.74 | 56 | W | 6 | omp | 30.06 | + | 19 | 56 | 49 | — | 5 | WNW | 5 | 0 | 4 | 61 | 52 | 0.05 |
| Donaghadee ... | 29.78 | 62 | WNW | 5 | c | 30.04 | + | 17 | 54 | 50 | — | 6 | NW | 1 | bc | 0 | 67 | 48 | — |
| Parsonstown ... | | | | | | | | | | | | | | | | | | | |
| Barrow-in-Furness | 29.81 | 58 | SW | 4 | c | 29.96 | + | 02 | 58 | 50 | — | 2 | WNW | 4 | 0 | 4 | 59 | 50 | 0.08 |
| † Holyhead ... | 29.87 | 59 | SW | 3 | c | 30.06 | + | 11 | 56 | 51 | — | 0 | WNW | 4 | bc | 4 | 62 | 49 | 0.01 |
| Liverpool (Bidston) | 29.85 | 62 | W | 1 | c | 30.01 | + | 07 | 56 | 49 | — | 2 | WNW | 4 | bc | 4 | 67 | 50 | 0.01 |
| † Valencia ... | 30.03 | 59 | W | 4 | om | 30.15 | + | 11 | 59 | 57 | — | 1 | WNW | 2 | c | 2 | 62 | 53 | 0.03 |
| Roche's Point .. | 29.98 | 64 | WNW | 4 | c | 30.14 | + | 10 | 59 | 55 | — | 1 | WNW | 3 | b | 3 | 70 | 55 | — |
| Pembroke ... | 29.95 | 57 | WSW | 2 | c | 30.10 | + | 09 | 56 | 55 | — | 2 | NW | 3 | bc | 3 | 60 | 55 | — |
| † Scilly ... | 30.03 | 59 | WNW | 4 | c | 30.12 | + | 08 | 60 | 57 | — | 0 | WNW | 4 | c | 4 | 63 | 56 | — |
| Prawle Point ... | 30.01 | 59 | WSW | 3 | c | 30.08 | + | 04 | 60 | 57 | — | 2 | WNW | 1 | 0 | 1 | 64 | 55 | — |
| Hurst Castle ... | 29.99 | 60 | WSW | 4 | c | 30.03 | + | 01 | 62 | 60 | + | 2 | WNW | 3 | 0 | 2 | 66 | 58 | — |
| † Dover ... | 29.95 | 59 | WSW | 3 | b | 29.98 | — | 00 | 60 | 58 | — | 0 | WSW | 3 | bc | 2 | 64 | 57 | — |
| † London... | 29.93 | 67 | SW | 3 | c | 30.01 | — | 01 | 63 | 60 | + | 5 | W | 2 | 0 | * | 74 | 57 | — |
| Oxford ... | 29.93 | 64 | SW | 4 | c | 30.02 | + | 20 | 58 | 57 | — | 1 | WNW | 1 | 0 | * | 70 | 58 | — |
| Cambridge ... | 29.90 | 67 | SW | 1 | c | 29.98 | — | 01 | 61 | 55 | + | 2 | N | 1 | 0 | * | 74 | 57 | — |
| † Yarmouth ... | 29.89 | 62 | S | 5 | c | 29.94 | — | 04 | 59 | 56 | + | 1 | N | 3 | 0 | 3 | 62 | 55 | 0.01 |
| The Helder ... | 29.91 | 58 | S | 1 | c | 29.99 | + | 24 | 59 | 57 | + | 4 | SW | 3 | f | 3 | 63 | 54 | — |
| Cape Griz Nez... | ? | 61 | SW | 4 | bc | ? | ? | ? | 59 | 57 | + | 3 | W | 4 | m | 4 | 66 | 54 | — |
| † Jersey ... | 30.03 | 59 | W | 3 | cgm | 30.08 | — | ? | 57 | 57 | — | ? | WNW | 3 | f | 3 | 63 | 55 | 0.01 |
| Brest ... | 30.08 | 60 | WNW | 3 | m | 30.13 | + | 04 | 56 | 56 | — | 0 | NW | 4 | m | 2 | 64 | 50 | — |
| Lorient ... | 30.07 | 61 | WNW | 5 | c | 30.14 | + | 01 | 59 | 57 | + | 4 | NW | 4 | 0 | 2 | 70 | 50 | — |
| † Rochefort ... | 30.09 | 63 | NW | 7 | c | 30.17 | + | 10 | 62 | 60 | — | 1 | NW | 4 | 0 | 2 | 70 | 55 | — |
| Biarritz ... | 30.10 | 63 | NW | 5 | c | 30.15 | + | 07 | 62 | 57 | — | 0 | NW | 4 | bc | 1 | 66 | 59 | — |
| Corunna ... | * | * | * | * | * | 30.01 | + | 03 | 57 | 55 | — | 2 | SW | 5 | 0 | * | 72 | 54 | — |
| Brussels ... | * | * | * | * | * | 30.07 | + | 07 | 54 | 50 | — | 3 | ESE | 1 | c | * | 70 | 46 | — |
| Charleville ... | no observations | | | | | 30.07 | + | 07 | 54 | 50 | — | 3 | ESE | 1 | c | * | 70 | 46 | — |
| Paris ... | 29.99 | 70 | WNW | 1 | b | 30.08 | + | 01 | 60 | 57 | — | 2 | Z | 0 | b | * | * | * | — |
| Lyons ... | 29.96 | 64 | N | 3 | bc | 30.08 | + | 12 | 62 | 56 | + | 1 | N | 1 | b | * | 71 | 53 | — |
| Toulon ... | 30.06 | 63 | SE | 1 | m | 30.15 | + | 13 | 64 | 57 | + | 4 | E | 1 | b | 1 | 75 | 57 | — |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.59 | 55 | SW | 3 | rm | 28.75 | + | 16 | 51 | 47 | — | 0 | WNW | 3 | bc | * | 56 | 42 | 0.13 |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by the Meteorological Office, 116, Victoria Street, London.

WEATHER

CHARTS

for 8 a.m. on WEDNESDAY, 25TH JUNE, 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

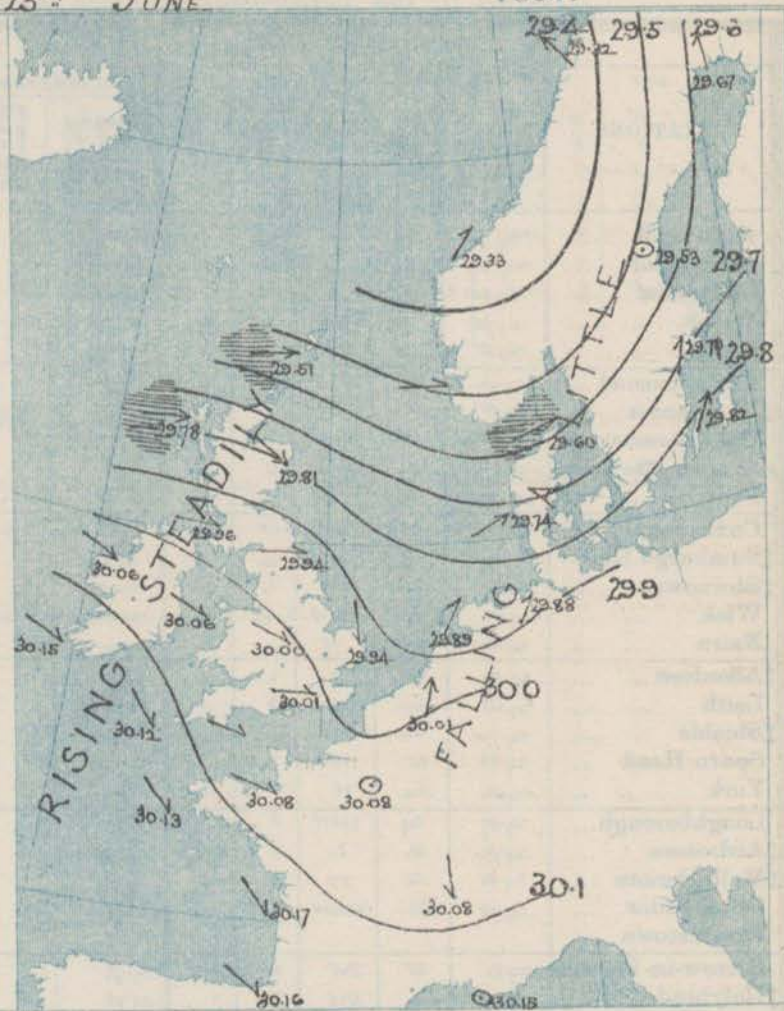
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ☉ — dead calm.

Sea Disturbance — where considerable is shown thus
 ■ — Rough. ■ — High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|--------------|---------------|
| Sunbury Head | 29.360 |
| Stornoway | 29.332 |
| Wick | 29.381 |
| Nairn | 29.458 |
| Aberdeen | 29.476 |
| Leith | 29.492 |
| Shields | 29.519 |
| York | 29.536 |
| Ardrossan | 29.535 |
| Donaghadee | 29.528 |
| Holyhead | 29.529 |
| Liverpool | 29.530 |
| Valencia | 29.529 |
| Roches Point | 29.527 |
| Pembroke | 29.527 |
| Scilly | 29.529 |
| Hurst Castle | 29.529 |
| Dover | 29.527 |
| LONDON | 29.527 |
| Oxford | 29.527 |
| Cambridge | 29.527 |
| Yarmouth | 29.527 |



REMARKS.

for Wednesday 25th June 1884. at 8 a.m.

The large depression which lay off the north-west of Scotland yesterday has passed on to Scandinavia, & a decided recovery of pressure has taken place on our western & northern coasts. In the meantime one or two shallow disturbances have appeared over the southern part of the North Sea & the barometer is therefore falling slightly over Hammark & the Shetlands.

The wind is South-westerly on the eastern shores of the North Sea, but in our islands it has veered to W. or N.W. In force it is light or moderate on all but our extreme northern coasts where it blows strongly. The weather is fine at several of our western stations, but cloudy & unsettled elsewhere, with rain at San's & Stromway & fog at Cuxhaven & Heligoland.

In the course of the past 24 hours slight rain has fallen in many parts of our islands. Temperature has fallen in the north but risen a little in the extreme south, & readings range from 63° in London to 49° at Stromway.

The highest maxima registered yesterday were 74° in London & at Cambridge, 71° at Loughborough & 70° at Rochas Point & Oxford. The sea is rather rough off the north of Scotland, moderate to smooth elsewhere.

The steady recovery of pressure in the west seems to indicate fair weather, but it is at present impossible to say whether this will prove to be permanent.

FORECASTS

for the 24 hours ending at NOON on 26th June 1884.

(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|--|-----------------------|---|
| 0 { SCOTLAND NORTH | N th winds, fresh or strong; cloudy, some rain | 6 { SCOTLAND WEST | N th winds, moderate; fair generally |
| 1 { SCOTLAND EAST | N th or N.W. winds, moderate; cloudy, some rain | 7 { ENGLAND N.W. |D.....D.....D..... |
| 2 { ENGLAND N.E. |D.....D.....D..... | 8 { ENGLAND S.W. | N.W. winds, moderate; fair generally |
| 3 { ENGLAND EAST | Same as N ^o 5 | 9 { IRELAND NORTH |D.....D.....D..... |
| 4 { MIDLAND COUNTIES | Same as N ^o 5 | 10 { IRELAND SOUTH |D.....D.....D..... |
| 5 { ENGLAND SOUTH | N th winds, moderate; cloudy and some rain to fair | WARNINGS | None Issued |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| Skudesnaes | 29.70 | 54 | 48 | WSW | 4 | bc | 3 | Valencia | 30.02 | 62 | 60 | W | 4 | sm | 4 |
| Sumburgh Head | 29.46 | 51 | 51 | S | 3 | r | 2 | Scilly | 30.14 | 61 | 59 | W | 2 | of | 4 |
| Stornoway | 29.40 | 55 | 54 | SW | 7 | rg | 6 | Dover | 29.98 | 63 | 58 | SSW | 2 | b | 1 |
| Aberdeen | 29.61 | 60 | 58 | SW | 3 | r | 1 | London | 29.95 | 42 | 57 | SW | 3 | c | 3 |
| Shields | 29.78 | 67 | 64 | SW | 3 | r | 2 | Yarmouth | 29.94 | 61 | 57 | SSE | 4 | b | 3 |
| Ardrossan | 29.75 | 55 | 54 | SSW | 4 | r | 3 | Jersey | 30.05 | 63 | 57 | WNW | 3 | bc | 3 |
| Mullaghmore | 29.88 | 58 | 58 | WSW | 5 | rm | 4 | Rochefort | 30.12 | 65 | 62 | NW | 5 | m | 2 |
| Holyhead | 29.90 | 59 | 57 | SSW | 4 | o | 3 | | | | | | | | |

REMARKS.

The barometer continues to fall at all stations excepting Scilly and Rochefort, quickly in the Hebrides. The wind has veered to SW. at Stornoway, and is little changed elsewhere. Rain has set in at several of our N. stations. The sea is rough at Stornoway, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Thursday* 26th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|---|--------------------|-------|---------------------|----------|---|---|-------------|------|---|-------|---------------------|----------|-------------------|-------------|------|---------------------------|--|--|----------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | | | | | |
| | | | 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 | 29.67 | 54 | S | 4 | 0 | 29.61 | -0.06 | 55 | 53 | -2 | S | 4 | 0 | * | 63 | 54 | 0.32 | | | | | |
| Hernösand ... | 29.56 | 47 | S | 4 | 1 | 29.46 | -0.10 | 51 | 50 | +1 | W | 6 | 6 | * | 52 | 45 | 0.12 | | | | | |
| Stockholm ... | 29.62 | 53 | SSW | 2 | 0 | 29.64 | -0.02 | 57 | 56 | 0 | WSW | 6 | 6 | * | 66 | 52 | 0.08 | | | | | |
| Wisby ... | 29.73 | 55 | SW | 8 | 6c | 29.79 | -0.06 | 53 | 50 | -4 | W | 8 | 6c | * | 63 | 52 | 0.28 | | | | | |
| Bodö ... | 29.47 | 50 | W | 4 | 0 | 29.45 | +0.02 | 55 | 49 | -6 | W | 3 | 6 | * | 51 | 50 | 0.08 | | | | | |
| Christiansund ... | 29.49 | 51 | WSW | 3 | 0 | 29.57 | +0.08 | 49 | 46 | -3 | WSW | 5 | 1 | 3 | ? | 45 | 0.16 | | | | | |
| Skudesnaes ... | 29.79 | 50 | W | 4 | 1 | 29.86 | +0.07 | 51 | 49 | -2 | W | 3 | 1 | 4 | ? | 50 | - | | | | | |
| Oxö (Klansund) ... | 29.82 | 53 | W | 6 | 0 | 29.86 | +0.04 | 51 | 48 | -3 | SW | 4 | 1 | 3 | 59 | 48 | - | | | | | |
| Skagen (The Skaw) | 29.76 | 54 | W | 8 | 6c | 29.89 | +0.13 | 56 | 51 | -5 | WSW | 8 | 6c | 8 | 61 | 52 | - | | | | | |
| Fanö ... | 30.00 | 52 | WSW | 6 | 6 | 30.05 | +0.05 | 61 | 57 | -4 | W | 6 | 6 | * | 61 | 52 | - | | | | | |
| Cuxhaven ... | 30.01 | 56 | W | 5 | 0 | 30.14 | +0.13 | 58 | 57 | -1 | WSW | 3 | 0 | * | ? | 49 | 0.06 | | | | | |
| Sumburgh Head | 29.68 | 50 | W | 6 | 0 | 29.82 | +0.14 | 50 | 47 | -3 | WSW | 4 | 0 | 5 | 53 | 44 | 0.04 | | | | | |
| Stornoway ... | 29.68 | 50 | WSW | 5 | 0 | 29.96 | +0.28 | 51 | 47 | -4 | WSW | 4 | 0 | 3 | 54 | 45 | 0.06 | | | | | |
| Wick ... | 29.84 | 53 | WSW | 7 | 0 | 29.95 | +0.11 | 53 | 48 | -5 | WSW | 3 | 0 | 2 | 55 | 48 | - | | | | | |
| Nairn ... | 29.96 | 55 | SW | 3 | 0 | 29.96 | +0.00 | 51 | 44 | -7 | W | 0 | 0 | 1 | 60 | 50 | 0.15 | | | | | |
| Aberdeen ... | 29.90 | 60 | WSW | 3 | 0 | 29.94 | +0.04 | 55 | 53 | -2 | W | 1 | 0 | 2 | 66 | 50 | 0.01 | | | | | |
| Leith ... | 29.98 | 60 | WSW | 4 | 6c | 29.99 | +0.01 | 61 | 57 | -4 | WSW | 2 | 0 | * | 63 | 53 | - | | | | | |
| Shields ... | 30.01 | 67 | W | 4 | 6c | 30.04 | +0.03 | 61 | 59 | -2 | WSW | 3 | 0 | 2 | 70 | 51 | 0.04 | | | | | |
| Spurn Head ... | ? | 57 | SSW | 4 | 6c | ? | ? | 60 | 56 | -4 | WSW | 3 | 6 | 3 | 61 | 52 | - | | | | | |
| York ... | 30.06 | 64 | W | 4 | 6c | 30.12 | +0.06 | 61 | 56 | -5 | W | 2 | 6 | * | 69 | 46 | - | | | | | |
| Loughborough ... | 30.09 | 66 | WSW | 3 | 6 | 30.16 | +0.07 | 63 | 57 | -6 | W | 2 | 6 | * | 69 | 42 | - | | | | | |
| Ardrossan ... | 30.03 | 57 | W | 1 | 0 | 30.03 | +0.00 | 59 | 57 | -2 | WSW | 1 | 0 | 2 | 61 | 51 | - | | | | | |
| Mullaghmore ... | 30.07 | 60 | WSW | 5 | 0 | 30.08 | +0.01 | 62 | 59 | -3 | SW | 5 | 0 | 3 | 62 | 53 | 0.01 | | | | | |
| Donaghadee ... | 30.08 | 55 | S | 1 | 6c | 30.10 | +0.02 | 63 | 60 | -3 | W | 4 | 6c | 2 | 68 | 52 | - | | | | | |
| Parsonstown ... | 30.13 | 64 | SW | 2 | 0 | 30.13 | +0.00 | 63 | 59 | -4 | S | 1 | 0 | 2 | 67 | 58 | - | | | | | |
| Barrow-in-Furness | 30.10 | 57 | WSW | 3 | 6 | 30.11 | +0.01 | 58 | 56 | -2 | WSW | 3 | 0 | 2 | 60 | 52 | - | | | | | |
| Holyhead ... | 30.14 | 57 | SSW | 3 | 6 | 30.14 | +0.00 | 59 | 57 | -2 | SSW | 3 | 0 | 2 | 64 | 54 | - | | | | | |
| Liverpool (Bidston) | 30.13 | 56 | WSW | 2 | 6 | 30.13 | +0.00 | 64 | 57 | -7 | WSW | 2 | 0 | 1 | 64 | 53 | - | | | | | |
| Valencia ... | 30.18 | 60 | WSW | 2 | 0 | 30.11 | -0.07 | 61 | 59 | -2 | S | 6 | 0 | 5 | 65 | 57 | - | | | | | |
| Roche's Point ... | 30.16 | 62 | WSW | 4 | 0 | 30.17 | +0.01 | 61 | 59 | -2 | WSW | 3 | 0 | 3 | 68 | 57 | - | | | | | |
| Pembroke ... | 30.18 | 56 | W | 2 | 6 | 30.16 | -0.02 | 59 | 58 | -1 | WSW | 1 | 0 | 1 | 60 | 54 | - | | | | | |
| Scilly ... | 30.19 | 60 | WSW | 4 | 0 | 30.22 | +0.03 | 61 | 60 | -1 | SW | 1 | 0 | 4 | 63 | 58 | - | | | | | |
| Prawle Point ... | 30.14 | 64 | W | 4 | 6 | 30.22 | +0.08 | 63 | 56 | -7 | WSW | 1 | 6 | 1 | 68 | 48 | - | | | | | |
| Hurst Castle ... | 30.08 | 68 | W | 4 | 6 | 30.20 | +0.12 | 62 | 57 | -5 | W | 0 | 6 | 0 | 71 | 51 | - | | | | | |
| Dover ... | 30.08 | 59 | S | 1 | 6 | 30.19 | +0.11 | 58 | 55 | -3 | WSW | 1 | 0 | 0 | 62 | 53 | 0.06 | | | | | |
| London ... | 30.07 | 71 | WSW | 3 | 6 | 30.18 | +0.11 | 64 | 56 | -8 | W | 1 | 6 | * | 73 | 48 | - | | | | | |
| Oxford ... | 30.12 | 64 | WSW | 2 | 6 | 30.19 | +0.07 | 62 | 56 | -6 | W | 1 | 6 | * | 69 | 48 | - | | | | | |
| Cambridge ... | 30.07 | 70 | WSW | 1 | 6 | 30.17 | +0.10 | 63 | 55 | -8 | WSW | 1 | 6 | * | 72 | 42 | - | | | | | |
| Yarmouth ... | 30.09 | 60 | SW | 1 | 6 | 30.16 | +0.07 | 60 | 55 | -5 | W | 1 | 6 | 2 | 61 | 55 | - | | | | | |
| The Helder ... | 30.08 | 67 | WSW | 1 | 6 | 30.16 | +0.08 | 59 | 55 | -4 | WSW | 1 | 6 | 1 | 61 | 55 | - | | | | | |
| Cape Griz Nez ... | ? | 58 | WSW | 1 | 6 | ? | ? | 56 | 56 | 0 | WSW | 1 | 6 | 0 | 61 | 55 | 0.08 | | | | | |
| Jersey ... | 30.14 | 61 | WSW | 3 | 6c | 30.21 | +0.07 | 60 | 57 | -3 | W | 1 | 6 | 1 | 63 | 52 | - | | | | | |
| Brest ... | 30.21 | 60 | WSW | 3 | 6 | 30.25 | +0.04 | 56 | 55 | -1 | W | 1 | 6 | 3 | 63 | 54 | - | | | | | |
| Isorient ... | 30.17 | 63 | WSW | 3 | 0 | 30.27 | +0.10 | 51 | 51 | 0 | WSW | 3 | 6 | 2 | 66 | 46 | - | | | | | |
| Rochefort ... | 30.23 | 64 | WSW | 5 | 0 | 30.26 | +0.03 | 63 | 61 | -2 | W | 3 | 0 | 2 | 73 | 55 | - | | | | | |
| Biarritz ... | 30.20 | 64 | W | 4 | 6 | 30.24 | +0.04 | 66 | 63 | -3 | SW | 3 | 6 | 1 | 66 | 61 | - | | | | | |
| Corunna ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | * | 69 | ? | - | | | | | |
| Brussels ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | * | ? | ? | - | | | | | |
| Charleville ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | * | ? | ? | - | | | | | |
| Paris ... | 30.13 | 69 | W | 3 | 6c | 30.23 | +0.10 | 64 | 61 | -3 | W | 3 | 6 | * | ? | ? | - | | | | | |
| Lyons ... | 30.07 | 73 | WSW | 3 | 6c | 30.17 | +0.10 | 67 | 59 | -8 | W | 3 | 6 | * | 78 | 64 | - | | | | | |
| Toulon ... | 30.20 | 68 | W | 1 | 6 | 30.24 | +0.04 | 66 | 59 | -7 | E | 1 | 6 | 2 | 79 | 61 | - | | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.87 | 53 | W | 2 | 6 | 28.89 | +0.02 | 53 | 53 | 0 | WSW | 2 | 6 | * | 57 | 45 | 0.01 | | | | | |

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by Dangerfield Lith. London.

WEATHER CHARTS

for 8 a.m. on Thursday

26th JUNE.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10, →→ = forces 8 to 10,

→→ = forces 5 to 7, → = forces 1 to 4,

○ = dead calm.

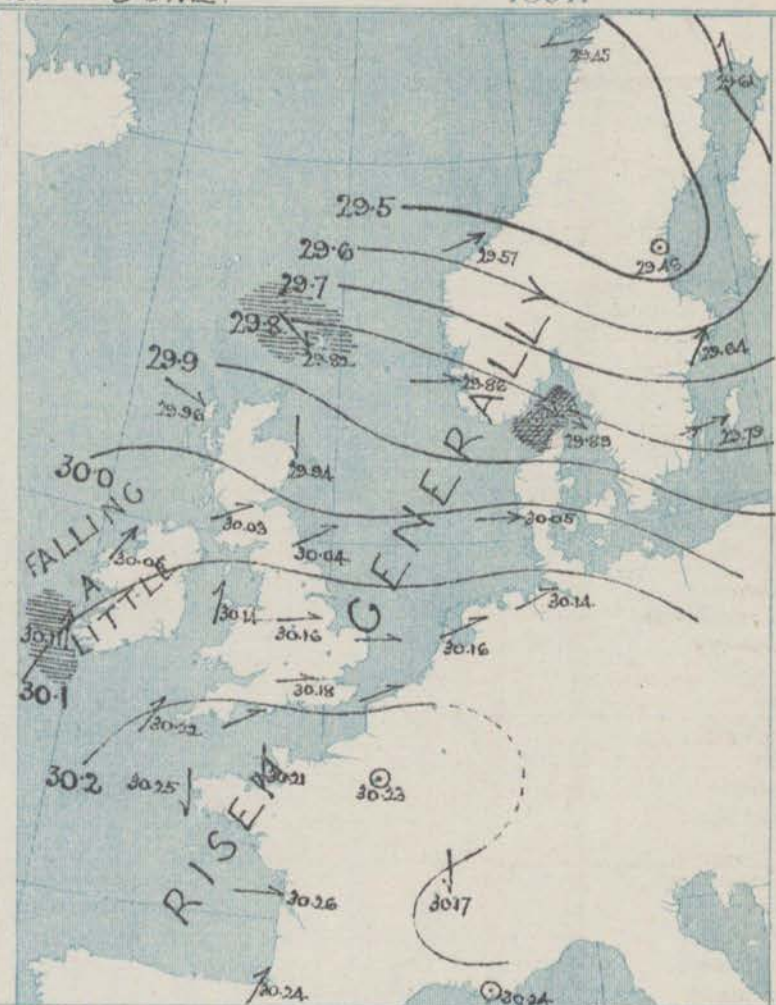
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.860 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.882 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.898 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roches Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.968 |



REMARKS.

for Thursday 26th June. 1884, at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise at all but our extreme western stations, where a slight fall has set in during the night. An anticyclone, in which readings exceed 30.2 ins. lies over France and the Channel, while the lowest pressures are found over the north of Scandinavia, but a depression is apparently advancing towards the coast of Ireland. The wind is light and variable in France, and W. over Great Britain and the North Sea, but in Ireland it has backed to S.W. or S., and at Valencia it has increased to a strong breeze. The weather is rainy in the west of Norway, and dull on our western and northern coasts, but elsewhere it is generally fine and bright. Fog is, however, reported in the Straits of Dover. Slight rain fell yesterday at some of our northern stations. Temperature has fallen a little in Norway, but risen elsewhere, and readings over our islands now range from 64° in London to 58° in the Shetlands. The highest maxima registered yesterday were 73° in London, 72° at Cambridge, 71° at Hurst Castle, and 70° at Shields. The sea is rather rough at Valencia and Lumburg Head, moderate to smooth elsewhere.

The depression which is approaching Ireland will probably occasion rain over our western and northern districts, but the weather in the E. and S. of England is not likely to be affected at present.

FORECASTS

for the 24 hours ending at NOON on 27th June. 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|---|-----------------------|---|
| 0 { SCOTLAND NORTH | Wind backing to S.W. or S. and freshening; fair to unsettled and some rain. | 6 { SCOTLAND WEST | Same as No. 1 and 2. |
| 1 { SCOTLAND EAST | SW ² winds, moderate; fair to unsettled and some rain. | 7 { ENGLAND N. W. | Same as No. 1 and 2. |
| 2 { ENGLAND N. E. | -----D-----D-----D----- | 8 { ENGLAND S. W. | W ² and SW ² winds, moderate; fair generally. |
| 3 { ENGLAND EAST | Same as No. 5. | 9 { IRELAND NORTH | SW ² to W ² winds, strong; cloudy, some rain. |
| 4 { MIDLAND COUNTIES | Same as No. 5. | 10 { IRELAND SOUTH | -----D-----D-----D----- |
| 5 { ENGLAND SOUTH | W ² or SW ² winds, moderate; fine generally. | WARNINGS | |
| | | None Issued. | |

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
| Skudesnaes | 29.73 | 56 | 51 | W | 6 | 0 | 4 | Valencia | 30.18 | 63 | 61 | WSE | 3 | 0.75 | 4 |
| Sumburgh Head | 29.61 | 51 | 49 | W | 6 | 0 | 6 | Scilly | 30.18 | 62 | 57 | N | 2 | C | 3 |
| Stornoway | 29.96 | 52 | 48 | W | 6 | 0.9 | 5 | Dover | 30.06 | 66 | 59 | ESE | 1 | 0.1 | 0 |
| Aberdeen | 29.85 | 66 | 56 | NW | 5 | 6 | 2 | London | 30.05 | 70 | 53 | NW | 3 | 6 | * |
| Shields | 29.49 | 63 | 59 | NW | 4 | 6 | 2 | Yarmouth | 30.05 | 60 | 55 | NW | 4 | 6 | 3 |
| Ardrossan | 30.03 | 58 | 52 | NW | 2 | C | 2 | Jersey | 30.13 | 62 | 60 | WNW | 2 | 0 | 2 |
| Mullaghmore | 30.08 | 59 | 52 | W | 4 | 6 | 3 | Rochefort | 30.22 | 73 | 65 | NW | 4 | 6 | 2 |
| Holyhead | 30.13 | 63 | 58 | NW | 2 | 6 | 2 | | | | | | | | |

REMARKS.

The barometer continues to rise generally, but the winds on our extreme western coasts are inclined to back. Rain is falling at Dover, but fair weather prevails at nearly all other stations. The sea is rather rough at Stornoway.

DAILY WEATHER REPORT

for *Friday* 27th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|--|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------------|----------------|------|---------------------|
| | Barometer at 29° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dir. | Force. (0 to 12). | | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | Max. | Min. | |
| Haparanda | 29.51 | 55 | SE | 2 | 0 | | 29.55 | -.06 | 53 | 49 | -2 | NSW | 6 | 6 | 59 | 50 | 0.37 |
| Hernösand ... | 29.67 | 54 | W | 2 | 0 | | 29.77 | +.31 | 54 | 46 | +3 | NW | 4 | 60 | 68 | 45 | 0.08 |
| Stockholm ... | 29.80 | 54 | SW | 2 | 0 | | 29.81 | +.17 | 57 | 53 | 0 | W | 2 | 0 | 66 | 52 | - |
| Wishby ... | 29.86 | 56 | WSW | 6 | bc | | 29.86 | +.07 | 54 | 51 | +1 | W | 4 | 6 | 61 | 50 | - |
| Bodö | 29.51 | 49 | SW | 4 | c | | 29.53 | +.08 | 50 | 47 | -5 | S | 2 | 0 | ? | 46 | 0.04 |
| Christiansund ... | 29.75 | 46 | NSW | 9 | λ | | 29.79 | +.22 | 46 | 44 | -3 | NSW | 8 | λ | ? | 41 | 0.55 |
| † Skudesnaes ... | 29.95 | 51 | W | 4 | c | | 30.05 | +.19 | 51 | 48 | 0 | W | 4 | c | 54 | 50 | - |
| Oxö (Ålansund) ... | 29.93 | 54 | W | 6 | c | | 29.96 | +.10 | 54 | 49 | +3 | WNW | 4 | 6 | 54 | 46 | - |
| Skagen (The Skaw) | 29.91 | 54 | W | 6 | bc | | 29.97 | +.08 | 55 | 49 | -1 | WNW | 5 | bc | 61 | 52 | - |
| Faßö ... | 30.06 | 56 | NSW | 5 | c | | 30.08 | +.03 | 58 | 54 | -3 | WNW | 4 | 0 | 63 | 55 | - |
| Cuxhaven ... | 30.16 | 59 | WNW | 2 | 0 | | 30.13 | -.01 | 62 | 60 | +4 | W | 2 | 0 | 62 | 51 | - |
| † Sumburgh Head | 29.95 | 53 | W | 4 | c | | 30.09 | +.27 | 51 | 48 | +1 | W | 3 | 6 | 55 | 46 | - |
| † Stornoway ... | 30.02 | 55 | ESE | 2 | sm | | 30.09 | +.13 | 52 | 51 | +1 | 20 | 0 | 0 | 59 | 49 | 0.05 |
| Wick ... | ? | 55 | E | 1 | bc | | 30.14 | +.19 | 52 | 51 | -1 | S | 1 | 0 | 62 | 49 | - |
| Nairn ... | 30.07 | 55 | 20 | 0 | λ | | 30.13 | +.17 | 55 | 53 | +4 | 20 | 0 | 0 | 56 | 50 | 0.18 |
| † Aberdeen ... | 30.05 | 50 | SSE | 1 | λ | | 30.15 | +.21 | 56 | 54 | +1 | SE | 1 | c | 58 | 48 | 0.06 |
| Leith ... | 30.02 | 68 | WNW | 2 | m | | 30.14 | +.15 | 54 | 53 | -1 | E | 1 | bcw | 71 | 50 | - |
| † Shields ... | 30.05 | 68 | SW | 3 | bc | | 30.16 | +.12 | 67 | 64 | +6 | WNW | 3 | c | 70 | 56 | - |
| Spurn Head ... | ? | 62 | NSW | 2 | 0 | | ? | ? | 61 | 59 | +1 | WNW | 1 | bc | 67 | 56 | - |
| York ... | 30.11 | 66 | W | 2 | c | | 30.18 | +.06 | 62 | 58 | +1 | NSW | 1 | 6 | 73 | 50 | - |
| Loughborough ... | 30.11 | 70 | W | 2 | 0 | | 30.17 | +.01 | 61 | 58 | -2 | 20 | 0 | sm | 72 | 49 | - |
| † Ardrossan ... | 30.03 | 68 | SSW | 1 | c | | 30.14 | +.11 | 61 | 58 | +2 | 20 | 0 | 6 | 62 | 55 | - |
| † Mullaghmore ... | 30.02 | 65 | NSW | 4 | 0 | | 30.12 | +.07 | 63 | 59 | +1 | SE | 1 | 6 | 70 | 60 | 0.09 |
| Donaghadee ... | 30.08 | 63 | SW | 1 | 0 | | 30.17 | +.07 | 60 | 58 | -3 | S | 1 | bc | 71 | 52 | 0.06 |
| Parsonstown ... | 30.05 | 66 | SW | 2 | 0 | | 30.16 | +.03 | 65 | 61 | +2 | 20 | 0 | 6 | 70 | 56 | - |
| Barrow-in-Farness | 30.11 | 61 | SSW | 3 | c | | 30.15 | +.04 | 59 | 57 | +1 | S | 2 | bc | 64 | 57 | - |
| Holyhead ... | 30.11 | 58 | SSW | 4 | 0 | | 30.17 | +.03 | 65 | 61 | +6 | SE | 1 | 6 | 65 | 54 | - |
| Liverpool (Blaug) | 30.11 | 64 | W | 2 | c | | 30.17 | +.04 | 65 | 59 | +1 | WNW | 1 | 6 | 68 | 55 | - |
| Valencia ... | 30.03 | 58 | SSW | 3 | λ m | | 30.07 | -.04 | 61 | 57 | 0 | WNW | 1 | c | 64 | 51 | 0.24 |
| Roche's Point ... | 30.12 | 60 | SSW | 4 | c | | 30.12 | -.05 | 61 | 58 | 0 | SE | 3 | c | 66 | 58 | - |
| Pembroke ... | 30.16 | 58 | NSW | 1 | 0 | | 30.14 | -.04 | 56 | 56 | +3 | ENE | 1 | c | 63 | 54 | - |
| † Scilly ... | 30.16 | 65 | SW | 2 | bc | | 30.09 | -.13 | 63 | 60 | +2 | SSW | 3 | c | 68 | 55 | 0.01 |
| Prawle Point ... | 30.16 | 62 | NSW | 1 | 6 | | 30.14 | -.08 | 61 | 57 | -2 | ENE | 1 | bc | 66 | 55 | - |
| Hurst Castle ... | 30.16 | 63 | NSW | 3 | 6 | | 30.15 | -.05 | 64 | 60 | +2 | S | 2 | bc | 68 | 51 | - |
| † Dover ... | 30.13 | 60 | NSW | 2 | 6 | | 30.16 | -.03 | 64 | 60 | +8 | NSW | 1 | 6 | 66 | 54 | - |
| † London ... | 30.13 | 74 | SW | 3 | 6 | | 30.15 | -.03 | 67 | 61 | +3 | 20 | 0 | bcw | 80 | 53 | - |
| Oxford ... | 30.13 | 67 | NSW | 1 | 6 | | 30.15 | -.04 | 67 | 61 | +5 | W | 1 | 6 | 77 | 54 | - |
| Cambridge ... | 30.09 | 75 | W | 1 | 6 | | 30.17 | .00 | 67 | 60 | +4 | NE | 1 | 6 | 79 | 53 | - |
| Yarmouth ... | 30.12 | 61 | SE | 3 | 6 | | 30.16 | .00 | 62 | 59 | +2 | N | 1 | 6 | 64 | 55 | - |
| The Helder ... | 30.14 | 60 | SW | 1 | 6 | | 30.17 | +.01 | 59 | 57 | 0 | NSW | 1 | bc | 64 | 54 | - |
| Cape Griz Nez ... | ? | 62 | SW | 3 | bc | | ? | ? | 62 | 59 | +4 | S | 1 | 6 | 68 | 55 | - |
| † Jersey ... | 30.17 | 65 | WNW | 1 | 6 | | 30.13 | -.08 | 61 | 57 | +11 | E | 2 | bcw | 67 | 49 | - |
| Brest ... | 30.19 | 59 | N | 4 | 6 | | 30.13 | -.12 | 55 | 54 | -1 | E | 1 | 0 | 63 | 50 | - |
| Lorient ... | 30.19 | 62 | ? | 4 | 6 | | 30.13 | -.14 | 58 | 57 | +7 | S | 3 | 0 | 66 | 48 | - |
| † Rochefort ... | 30.25 | 66 | WNW | 4 | 6 | | 30.19 | -.07 | 62 | 57 | +1 | WNW | 4 | 6 | 70 | 54 | - |
| Biarritz ... | 30.18 | 66 | N | 4 | 6 | | 30.13 | -.11 | 64 | 62 | -2 | N | 1 | bc | 68 | 61 | - |
| Corunna ... | * | * | * | * | * | | * | * | 67 | 60 | * | N | 1 | bc | 74 | 56 | - |
| Brussels ... | * | * | * | * | * | | 30.16 | * | 62 | 55 | 0 | ENE | 1 | 6 | 80 | 51 | - |
| Charleville ... | * | * | * | * | * | | 30.18 | -.05 | 62 | 55 | 0 | ENE | 1 | 6 | 80 | 51 | - |
| Paris ... | 30.18 | 66 | WNW | 3 | bc | | 30.19 | -.04 | 67 | 63 | +3 | 20 | 0 | 6 | * | * | - |
| Lyons ... | 30.09 | 76 | WNW | 1 | 6 | | 30.14 | -.03 | 67 | 60 | 0 | N | 1 | 6 | 81 | 62 | - |
| Toulon ... | 30.25 | 74 | W | 1 | 0 | | 30.25 | +.01 | 75 | 66 | +9 | 20 | 0 | 6 | 81 | 64 | - |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.89 | 59 | NSW | 2 | bc | | 28.96 | +.07 | 58 | 56 | +5 | SSW | 2 | 6 | 61 | 51 | - |
| 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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time). | | | | | | | | | | | | | | | | | |
| These Stations send Reports at 2 p.m. daily (Sundays excepted). | | | | | | | | | | | | | | | | | |

WEATHER

for 8 a.m. on Friday.

CHARTS

27th JUNE.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —

→ = forces above 10; →→ = forces 8 to 10;

→→ = forces 5 to 7; →→ = forces 1 to 4;

○ = dead calm.

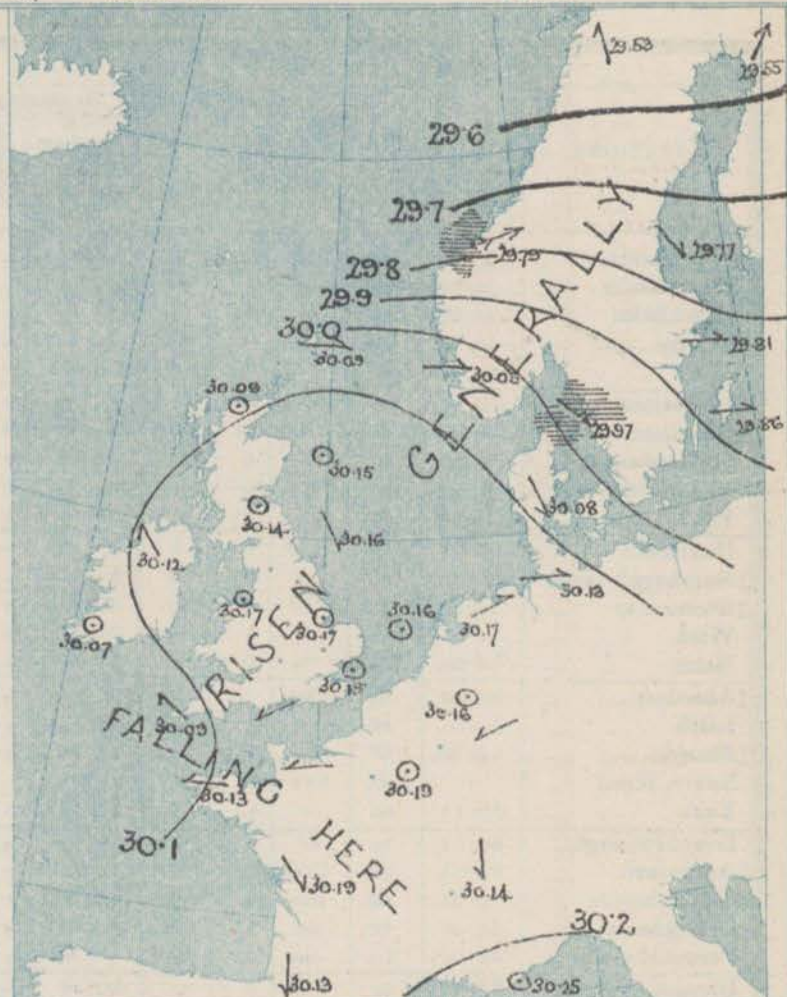
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Samburgh Head | 29.860 |
| Stornoway | 29.852 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.882 |
| Shields | 29.918 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.898 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roche's Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.971 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.963 |
| Yarmouth | 29.965 |



REMARKS.

for Friday 27th June 1884, at 8 a.m.

The fall of the barometer noticed on our extreme western coasts yesterday morning subsequently extended over the whole of Ireland and England. In the course of the night, however, it has been succeeded by a recovery, and a large area of uniformly high pressure now lies over the whole of our islands and France. The wind is moderate or fresh from the Wnd over Scandinavia, and light from SE. on our western coasts, but elsewhere variable airs are reported. The weather is overcast in the west of Norway, with rain at Christiansund, but elsewhere it is generally fine. Haze or fog is, however, reported in several places. Temperature has risen a little, and readings now range from 67° in London and at Oxford to 51° in the Shetlands. The highest maxima registered ^{yesterday} were 80° in London, 79° at Cambridge and 77° at Oxford. The sea is slight or smooth on all coasts.

The depression which appeared to be advancing towards our western coasts yesterday has passed away, and the indications are now in favour of a continuance of fine warm weather.

FORECASTS

for the 24 hours ending at NOON on 28th June 1884.

(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|--|--------------------|---|
| 0 { SCOTLAND NORTH | Varying W ² / ₄ breezes; fair generally. | 6 { SCOTLAND WEST | Same as Nos 1 and 2. |
| 1 { SCOTLAND EAST | Light variable breezes; fair some mist. | 7 { ENGLAND N.W. | Same as Nos 1 and 2. |
| 2 { ENGLAND N.E. | ----- D° ----- D° ----- D° ----- | 8 { ENGLAND S.W. | E ² / ₄ breezes, light; fair generally. |
| 3 { ENGLAND EAST | Same as No 5. | 9 { IRELAND NORTH | SE ² / ₄ winds, light or moderate fine generally. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | ----- D° ----- D° ----- D° ----- |
| 5 { ENGLAND SOUTH | Light and variable breezes; fine but rather close and misty | WARNINGS | None issued |

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

| | Bar. | Dry. | Wet. | Wind. | | Waa. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Waa. | Sea. |
|---------------|-------|------|------|-------|---|------|------|-----------|-------|------|------|--------|---|-------|------|
| Skudesnaes | 29.97 | 54 | 52 | W | 4 | 0 | 4 | Valencia | 30.06 | 60 | 59 | S | 6 | 1 m g | 6 |
| Sumburgh Head | 29.90 | 53 | 50 | W | 4 | 0 | 4 | Scilly | 30.19 | 68 | 63 | W.S.W. | 1 | bc | 4 |
| Stornoway | 29.99 | 56 | 52 | S.E. | 3 | 0 | 2 | Dover | 30.18 | 62 | 60 | W.S.W. | 1 | b | 0 |
| Aberdeen | 30.01 | 53 | 52 | E | 1 | 0 | 2 | London | 30.14 | 71 | 61 | SW | 3 | b | 4 |
| Shields | 30.03 | 61 | 60 | S.W. | 4 | bc | 2 | Yarmouth | 30.15 | 63 | 59 | SSE | 3 | b | 2 |
| Ardrossan | 30.04 | 57 | 55 | SSW | 1 | 0 | 1 | Jersey | ? | 66 | 58 | ? | 1 | b | 1 |
| Mullaghmore | 30.02 | 61 | 61 | S.W. | 4 | 0 | 2 | Rocheport | 30.26 | 66 | 63 | 2 | 0 | 0 | 2 |
| Holyhead | 30.13 | 63 | 59 | SSW | 5 | c | 4 | | | | | | | | |

REMARKS.

The barometer is now falling a little at all but the northern stations and the wind is backing generally. Buz weather continues in the west and north, with rain at Valencia, but over the greater part of England the weather is fine and warm. The sea is rough at Valencia, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Saturday 28th June 1884.*

Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|---------------|-------------|------|---------------------|------|--|
| STATIONS. | Barometer at 3 p.m. 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 | 29.76 | 51 | S | 2 | b | 29.92 | + .17 | 55 | 52 | + 3 | S | 4 | b | 0 | 57 | 46 | - | |
| Hernösand | 29.85 | 53 | W | 2 | b | 29.98 | + .13 | 55 | 48 | + 7 | NW | 4 | b | 0 | 66 | 46 | - | |
| Stockholm | 29.89 | 50 | NW | 4 | l | 30.07 | + .18 | 54 | 49 | + 5 | N | 4 | b | 0 | 64 | 50 | 0.12 | |
| Wishy | 29.86 | 54 | W | 4 | b | 29.97 | + .11 | 58 | 50 | + 8 | NE | 6 | b | 0 | 63 | 52 | 0.04 | |
| Bodö | 29.76 | 53 | WSW | 2 | o | 29.93 | + .17 | 49 | 47 | + 2 | SW | 6 | b | 0 | 50 | 46 | - | |
| Christiansund | 30.03 | 49 | WSW | 7 | o | 30.11 | + .08 | 50 | 48 | + 2 | SE | 1 | o | 5 | 50 | 43 | 0.39 | |
| † Skudesnaes | 30.16 | 50 | WNW | 4 | b | 30.23 | + .07 | 54 | 49 | + 5 | NW | 2 | b | 3 | 55 | 50 | - | |
| Oxö (Skansund) | 30.04 | 57 | NW | 4 | o | 30.23 | + .27 | 54 | 49 | + 5 | WNW | 2 | b | 0 | 61 | 48 | - | |
| Skagen (The Skaw) | 30.06 | 57 | WNW | 5 | b | 30.18 | + .22 | 58 | 54 | + 4 | NE | 4 | b | 3 | 63 | 54 | - | |
| Fanö | 30.15 | 53 | NW | 6 | o | 30.22 | + .14 | 58 | 53 | + 5 | WNW | 6 | b | 0 | 61 | 50 | - | |
| Cuxhaven | 30.18 | 59 | WNW | 2 | b | 30.24 | + .11 | 58 | 55 | + 3 | N | 4 | b | 0 | 64 | 52 | - | |
| † Sunburgh Head | 30.15 | 52 | SSW | 3 | o | 30.17 | + .08 | 52 | 51 | + 1 | WSW | 3 | o | 3 | 56 | 48 | - | |
| † Stornoway | 30.14 | 61 | WSW | 4 | b | 30.18 | + .09 | 55 | 53 | + 2 | SE | 3 | b | 2 | 63 | 48 | - | |
| Wick | 30.15 | 60 | W | 0 | b | 30.24 | + .10 | 53 | 52 | + 1 | S | 1 | b | 1 | 63 | 45 | - | |
| Nairn | 30.14 | 63 | W | 0 | b | 30.21 | + .08 | 50 | 54 | + 4 | W | 0 | b | 0 | 70 | 50 | - | |
| † Aberdeen | 30.17 | 64 | SSW | 1 | b | 30.21 | + .06 | 70 | 63 | + 7 | SSW | 1 | b | 1 | 70 | 51 | - | |
| Leith | 30.15 | 61 | N | 1 | b | 30.21 | + .07 | 65 | 60 | + 5 | W | 0 | m | 0 | 65 | 49 | - | |
| † Shields | 30.19 | 62 | SE | 2 | b | 30.24 | + .08 | 67 | 64 | + 3 | W | 0 | m | 2 | 74 | 54 | - | |
| Spurn Head | 30.19 | 62 | SE | 3 | b | 30.23 | + .07 | 60 | 57 | + 3 | SE | 2 | b | 2 | 70 | 53 | - | |
| York | 30.17 | 73 | E | 2 | b | 30.27 | + .09 | 61 | 58 | + 3 | S | 1 | b | 0 | 81 | 51 | - | |
| Loughborough | 30.15 | 76 | E | 3 | b | 30.24 | + .07 | 66 | 59 | + 7 | ENE | 3 | b | 0 | 81 | 49 | - | |
| † Ardrossan | 30.17 | 63 | W | 0 | b | 30.20 | + .06 | 63 | 59 | + 4 | W | 0 | b | 0 | 66 | 52 | - | |
| † Mullaghmore | 30.14 | 71 | WNW | 1 | b | 30.14 | + .02 | 61 | 59 | + 2 | E | 4 | m | 2 | 73 | 60 | - | |
| Donaghadee | 30.19 | 60 | S | 1 | b | 30.22 | + .05 | 59 | 56 | + 3 | SE | 2 | b | 0 | 62 | 51 | - | |
| Parsonstown | 30.12 | 72 | SE | 1 | b | 30.18 | + .02 | 64 | 59 | + 5 | W | 0 | b | 0 | 75 | 54 | - | |
| Barrow-in-Furness | 30.14 | 67 | NW | 2 | b | 30.19 | + .04 | 65 | 63 | + 2 | NW | 2 | b | 2 | 68 | 58 | - | |
| † Holyhead | 30.16 | 59 | WNW | 2 | b | 30.18 | + .01 | 64 | 62 | + 2 | W | 0 | b | 0 | 76 | 56 | - | |
| Liverpool (Biston) | 30.14 | 68 | N | 1 | b | 30.21 | + .04 | 68 | 58 | + 10 | SE | 3 | b | 2 | 71 | 59 | - | |
| Valencia | 30.12 | 62 | WNW | 3 | o | 30.10 | + .03 | 62 | 59 | + 3 | SE | 3 | b | 4 | 67 | 56 | - | |
| Roche's Point | 30.13 | 64 | SE | 4 | b | 30.13 | + .01 | 60 | 58 | + 2 | E | 4 | o | 3 | 68 | 56 | 0.04 | |
| Pembroke | 30.10 | 70 | SE | 1 | b | 30.13 | + .01 | 63 | 59 | + 4 | SE | 1 | b | 1 | 72 | 55 | - | |
| † Scilly | 30.08 | 60 | SE | 4 | o | 30.11 | + .02 | 64 | 60 | + 4 | S | 2 | b | 5 | 68 | 55 | 0.01 | |
| Prawle Point | 30.13 | 61 | ENE | 1 | o | 30.16 | + .02 | 62 | 57 | + 5 | SW | 1 | b | 1 | 64 | 55 | - | |
| Hurst Castle | 30.14 | 67 | W | 1 | b | 30.17 | + .02 | 67 | 63 | + 4 | ENE | 1 | b | 1 | 71 | 60 | - | |
| † Dover | 30.16 | 64 | ENE | 2 | b | 30.21 | + .05 | 65 | 59 | + 6 | E | 2 | b | 1 | 69 | 60 | - | |
| † London | 30.17 | 76 | E | 2 | b | 30.22 | + .07 | 70 | 64 | + 6 | ENE | 1 | b | 0 | 82 | 53 | - | |
| Oxford | 30.15 | 72 | E | 3 | b | 30.21 | + .06 | 67 | 60 | + 7 | NE | 3 | b | 0 | 78 | 53 | - | |
| Cambridge | 30.15 | 76 | E | 1 | b | 30.24 | + .07 | 68 | 61 | + 7 | E | 1 | b | 0 | 79 | 48 | - | |
| † Yarmouth | 30.20 | 64 | ENE | 2 | b | 30.28 | + .12 | 62 | 58 | + 4 | E | 2 | b | 2 | 66 | 57 | - | |
| The Helder | 30.21 | 61 | SW | 1 | b | 30.27 | + .10 | 61 | 58 | + 3 | ENE | 1 | b | 1 | 68 | 59 | - | |
| Cape Griz Nez | ? | 68 | NE | 1 | b | ? | ? | 60 | 61 | + 1 | E | 3 | m | 1 | 72 | 61 | - | |
| † Jersey | 30.09 | 70 | ENE | 3 | b | 30.18 | + .05 | 64 | 60 | + 4 | WNW | 1 | b | 1 | 75 | 53 | - | |
| Brest | 30.12 | 61 | SE | 3 | o | 30.14 | + .11 | 59 | 58 | + 1 | SE | 3 | o | 4 | 64 | 54 | - | |
| Lorient | 30.15 | 63 | W | 3 | o | 30.14 | + .11 | 62 | 60 | + 2 | SW | 3 | o | 1 | 70 | 52 | - | |
| † Rochefort | 30.17 | 67 | NW | 5 | b | 30.21 | + .02 | 62 | 59 | + 3 | N | 5 | b | 2 | 75 | 54 | - | |
| Biarritz | 30.14 | 65 | N | 4 | b | 30.20 | + .07 | 64 | 61 | + 3 | W | 0 | o | 1 | 66 | 61 | - | |
| Coronna | * | * | * | * | * | 30.25 | + .09 | 64 | 60 | + 4 | E | 3 | b | * | 80 | 56 | - | |
| Brussels | * | * | * | * | * | 30.23 | + .05 | 66 | 58 | + 8 | SE | 1 | b | * | 82 | 55 | - | |
| Charleville | - | - | - | - | - | 30.20 | + .01 | 69 | 64 | + 5 | W | 0 | b | * | * | * | - | |
| Paris | 30.11 | 72 | W | 0 | b | 30.20 | + .01 | 69 | 64 | + 5 | W | 0 | b | * | * | * | - | |
| Lyons | 30.06 | 80 | N | 3 | b | 30.14 | + .00 | 70 | 61 | + 9 | N | 1 | b | * | 85 | 62 | - | |
| Toulon | 30.24 | 74 | NW | 1 | b | 30.22 | + .03 | 73 | 60 | + 13 | NW | 1 | b | 0 | 85 | 61 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.06 | 70 | SE | 1 | b | 29.04 | + .08 | 67 | 59 | + 8 | E | 1 | b | 0 | 74 | 53 | - | |

HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,125 ft.) above M.S.L.

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|-------|----|----|-----|---|---|---|---|----|----|---|
| Hawes Junction | 28.06 | 70 | SE | 1 | b | 29.04 | + .08 | 67 | 59 | + 8 | E | 1 | b | * | 74 | 53 | - |
|----------------|-------|----|----|---|---|-------|-------|----|----|-----|---|---|---|---|----|----|---|

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

† These Stations send Reports at 2 p.m. daily (Sundays excepted).

Printed by Dargatzis, Ltd., London.

WEATHER

for 8 a.m. on *Saturday*

CHARTS

28th *JUNE*

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

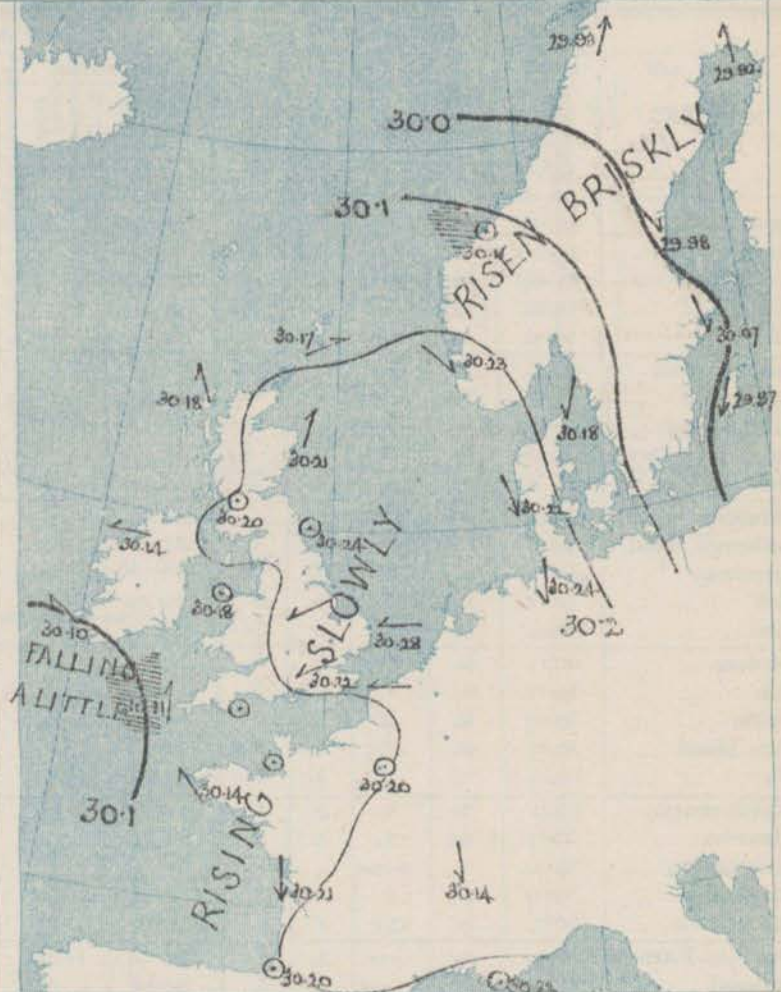
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 — = forces above 10; — = forces 8 to 10;
 — = forces 5 to 7; — = forces 1 to 4;
 ⊙ = dead calm.

Sea Disturbance — where considerable is shown thus
 — = Rough. — = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of *June*.
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.860 |
| Stornoway | 29.852 |
| Wick | 29.861 |
| Nairn | 29.868 |
| Aberdeen | 29.876 |
| Leith | 29.882 |
| Shields | 29.819 |
| York | 29.836 |
| Ardrossan | 29.895 |
| Donaghadee | 29.828 |
| Ballyhead | 29.928 |
| Liverpool | 29.930 |
| Valencia | 29.929 |
| Roche's Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.871 |
| Hurst Castle | 29.869 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.963 |
| Cambridge | 29.960 |
| Yarmouth | 29.958 |



REMARKS.

for Saturday 28th June 1884. at 8 a.m.

In the course of the past twenty four hours the barometer has continued to rise at all but our extreme western stations, and a large anticyclone lies over the North Sea, and the eastern part of Great Britain and France. In the west of Ireland a slight fall of the barometer has set in during the night. The wind is light in force generally; over England and Ireland it is E^{ly}, and in Scotland S^{ly}, but on the eastern shores of the North Sea NW^{ly} or N^{ly} breezes are reported. The weather is rather cloudy at some of our south-western stations, but fine elsewhere. Temperature has risen in most places, quickly in the east of Scotland, and readings now range from 70° at Aberdeen and in London to 52° in the Shetlands. The highest maxima registered yesterday, were 82° in London, and 81° at York and Loughborough. The sea is rather rough at Scilly, slight or smooth elsewhere.

There is at present no indication of any change in the weather.

FORECASTS

for the 24 hours ending at NOON on 29th June 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

Southerly winds, moderate;
fine, warm.

1 { SCOTLAND
EAST

----- D^o ----- D^o ----- D^o -----

2 { ENGLAND
N.E.

South-easterly winds, light;
fine, warm.

3 { ENGLAND
EAST

Same as No 5

4 { MIDLAND
COUNTIES

Same as No 5.

5 { ENGLAND
SOUTH

Easterly winds, light;
fine, warm.

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

Same as No 2

7 { ENGLAND
N.W.

Same as No 2

8 { ENGLAND
S.W.

South-easterly, winds, moderate,
fine generally.

9 { IRELAND
NORTH

Easterly to South-easterly winds,
freshening; fair generally.

10 { IRELAND
SOUTH

----- D^o ----- D^o ----- D^o -----

WARNINGS

None issued

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| Skudesnaes | 30.10 | 55 | 50 | WNW | 6 | C | 4 | Valencia | 30.09 | 64 | 61 | SE | 3 | 0 | 4 |
| Sumburgh Head | 30.12 | 55 | 51 | N | 3 | bc | 2 | Scilly | 30.07 | 65 | 61 | SE | 2 | C | 4 |
| Stornoway | 30.14 | 61 | 56 | SW | 4 | C | 3 | Dover | 30.16 | 68 | 61 | ESE | 1 | 6 | 0 |
| Aberdeen | 30.16 | 61 | 57 | SE | 1 | C | 2 | London | 30.13 | 78 | 64 | ESE | 2 | 6 | * |
| Shields | 30.17 | 65 | 63 | ESE | 3 | C | 2 | Yarmouth | 30.19 | 65 | 60 | ESE | 2 | 6 | 1 |
| Ardrossan | 30.17 | 64 | 60 | 2s | 0 | C | 3 | Jersey | 30.10 | 74 | 65 | NE | 1 | bc | 1 |
| Mullaghmore | 30.14 | 67 | 63 | WNW | 1 | C | 1 | Rochefort | 30.17 | 72 | 68 | NW | 4 | 6 | 2 |
| Holyhead | 30.17 | 64 | 60 | N | 4 | bc | 3 | | | | | | | | |

REMARKS.

The barometer continues to rise slowly at all but our southern stations and light winds are still reported generally. The weather is fine at nearly all stations. The sea is moderate to smooth.

for Sunday 23rd June 1884.
 Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

| | | |
|---------------------|----------------|------|
| + YESTERDAY EVENING | 8 A.M. TO DAY. | PAST |
|---------------------|----------------|------|

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

WEATHER

for 8 a.m. on

CHARTS

Sunday 29th June

1884.

BAROMETER, WIND & SEA.

(Explanation of Map.)

Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—

→ = forces above 10, → = forces 8 to 10,

→ = forces 5 to 7, → = forces 1 to 4,

○ = dead calm.

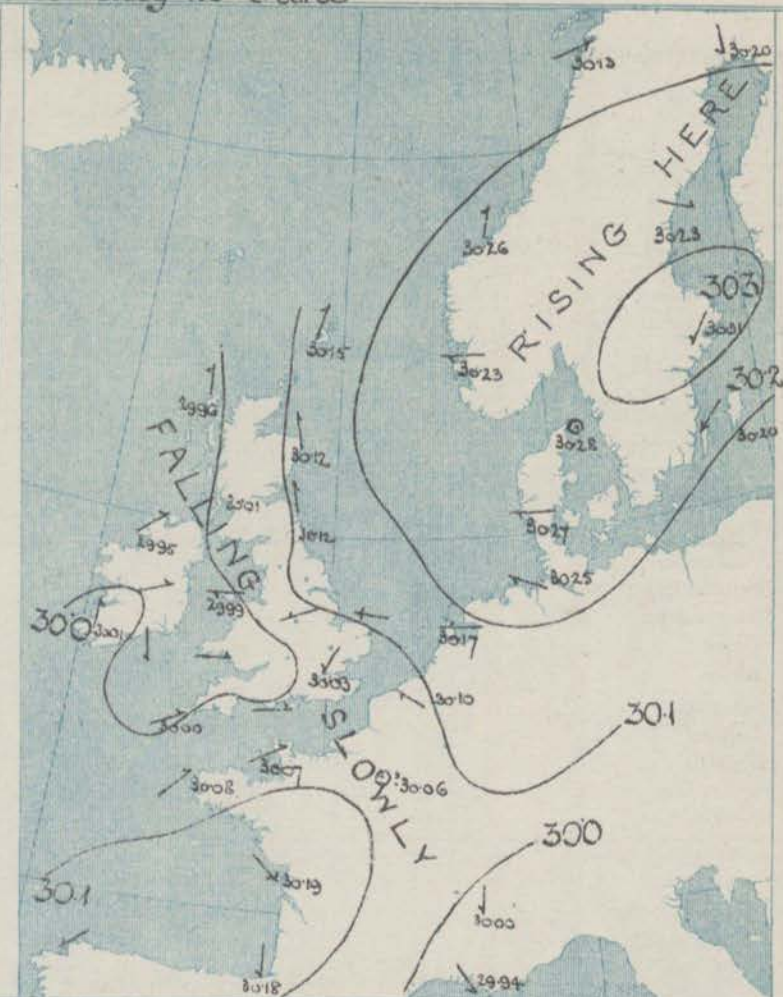
Sea Disturbance—where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.860 |
| Stornoway. | 29.832 |
| Wick. | 29.861 |
| Nairn. | 29.868 |
| Aberdeen. | 29.876 |
| Leith. | 29.892 |
| Shields. | 29.918 |
| York. | 29.936 |
| Ardrossan. | 29.895 |
| Donaghadee. | 29.888 |
| Holyhead. | 29.929 |
| Liverpool. | 29.930 |
| Valencia. | 29.923 |
| Roches Point. | 29.929 |
| Pembroke. | 29.937 |
| Scilly. | 29.971 |
| Hurst Castle. | 29.969 |
| Dover. | 29.962 |
| LONDON. | 29.963 |
| Oxford. | 29.953 |
| Cambridge. | 29.960 |
| Yarmouth. | 29.968 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature—Isotherms are drawn for each 10° Changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 50.7 | 49.1 | 2.04 |
| Stornoway. | 51.2 | 51.7 | 3.03 |
| Wick. | 52.3 | 50.7 | 1.59 |
| Nairn. | 54.8 | 50.8 | 2.00 |
| Aberdeen. | 54.8 | 51.1 | 1.87 |
| Leith. | 56.4 | 53.1 | 1.96 |
| Shields. | 56.2 | 51.9 | 1.76 |
| York. | 56.6 | 53.2 | 2.47 |
| Ardrossan. | 56.6 | 52.1 | 2.77 |
| Donaghadee. | 56.4 | 53.3 | 2.72 |
| Holyhead. | 56.7 | 53.3 | 1.98 |
| Liverpool. | 56.9 | 53.0 | 1.87 |
| Valencia. | 56.9 | 53.9 | 3.52 |
| Roches Point. | 56.8 | 53.6 | 3.36 |
| Pembroke. | 56.4 | 53.2 | 2.07 |
| Scilly. | 57.2 | 55.2 | 1.89 |
| Hurst Castle. | 58.1 | 55.9 | 1.98 |
| Dover. | 59.1 | 56.6 | 1.76 |
| LONDON. | 59.6 | 56.3 | 2.24 |
| Oxford. | 57.2 | 53.9 | 2.22 |
| Cambridge. | 58.1 | 54.9 | 2.30 |
| Yarmouth. | 57.2 | 54.4 | 2.12 |

Note—The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1866—80.



REMARKS.

for Sunday 29th June 1884, at 8 a.m.

The anticyclone noticed yesterday over the North Sea and the eastern part of Great Britain has moved away to Scandinavia and some shallow depressions have appeared over our south-west coasts. The barometer has consequently risen somewhat in Scandinavia and Denmark, while it has fallen a little over our islands and France. The wind is E^{ly} on the Eastern shores of the North Sea and SE^{ly} or S^{ly} on our north and east coasts, but in the south it has shifted to N. or SW., while on our west coasts it is light and variable. Unsettled showery weather is reported in many parts of Ireland and England, but elsewhere conditions are still fine. In the course of the past night thunderstorms with heavy rain have occurred at many of our southern stations; at Jersey the rainfall has amounted to 1.1 ins. and at Hurst Castle to 0.9 ins. Temperature has fallen several degrees and readings now range from 64° in London to 50° in the Shetlands. The highest maxima registered yesterday were 80° at Loughborough, 82° at Cambridge and 80° at York and in London. The sea is slight or smooth generally.

FORECASTS

for the 24 hours ending at NOON on 30th June 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|--------------|-----------------------|--------------|
| 0 { SCOTLAND NORTH | None issued. | 6 { SCOTLAND WEST | None issued. |
| 1 { SCOTLAND EAST | | 7 { ENGLAND N. W. | |
| 2 { ENGLAND N. E. | | 8 { ENGLAND S. W. | |
| 3 { ENGLAND EAST | | 9 { IRELAND NORTH | |
| 4 { MIDLAND COUNTIES | | 10 { IRELAND SOUTH | |
| 5 { ENGLAND SOUTH | | WARNINGS | |

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
| Skudesnaes | 30.32 | 59 | 51 | W | 4 | o | 3 | Valencia | 30.09 | 65 | 61 | SSE | 4 | bc | 5 |
| Sumburgh Head | 30.20 | 86 | 54 | WSW | 3 | c | 2 | Scilly | 30.13 | 64 | 60 | SSE | 3 | bc | 5 |
| Stornoway | 30.16 | 66 | 60 | SE | 3 | b | 2 | Dover | 30.22 | 67 | 61 | ENE | 4 | b | 3 |
| Aberdeen | 30.22 | 68 | 63 | SSE | 1 | b | 1 | London | 30.24 | 75 | 62 | ESE | 3 | c | * |
| Shields | 30.22 | 69 | 66 | SE | 5 | b | 3 | Yarmouth | 30.28 | 64 | 60 | E | 3 | b | 3 |
| Ardrossan | 30.16 | 78 | 64 | L | o | b | o | Jersey | 30.15 | 69 | 62 | WNW | 2 | b | 2 |
| Mullaghmore | 30.10 | 70 | 63 | NW | 1 | cny | o | Rochefort | 30.22 | 69 | 65 | NW | 5 | bc | 2 |
| Holyhead | 30.12 | 74 | 66 | E | 3 | bc | 3 | | | | | | | | |

REMARKS.

Very little change has occurred since the morning, but the distribution of pressure is of a less settled type than the prevailing of late. The sea is rather rough at Valencia & Scilly, slight or smooth elsewhere.

DAILY WEATHER REPORT

for Monday 30th June 1884.

Issued by the Meteorological Office, 116, Victoria Street, London. R. H. SCOTT, Secretary.

| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|---------------|-------------|------|---------------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea (0 to 9). | SHADE TEMP. | | | | |
| | | | 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 | 30.23 | 56 | W | 2 | 6 | 30.28 | + .08 | 62 | 58 | + 3 | S | 2 | 6 | * | 66 | 45 | - | | |
| Hernösand ... | 30.24 | 57 | 2 | 0 | 6 | 30.27 | + .04 | 61 | 55 | - 1 | SSW | 2 | 6 | * | 73 | 50 | - | | |
| Stockholm ... | 30.30 | 58 | 2 | 0 | 6 | 30.34 | + .03 | 64 | 56 | + 2 | ESE | 2 | 6 | * | 68 | 48 | - | | |
| Wisby ... | 30.22 | 55 | E | 4 | 6 | 30.23 | + .01 | 66 | 68 | + 11 | E | 4 | 6 | * | 66 | 50 | - | | |
| Bodö ... | 30.28 | 57 | SW | 4 | 0 | 30.22 | + .09 | 58 | 55 | + 3 | ESE | 4 | 6 | 2 | ? | 48 | - | | |
| Christiansund ... | 30.20 | 57 | ESE | 1 | 6 | 30.17 | - .09 | 62 | 56 | + 6 | WNW | 1 | 6 | 1 | 63 | 52 | - | | |
| Skutumpah ... | 30.20 | 58 | SE | 2 | 6 | 30.20 | - .03 | 60 | 53 | + 3 | E | 4 | 6 | 2 | ? | ? | - | | |
| Oxö (Åsönarna) ... | 30.21 | 58 | ESE | 4 | 6 | 30.21 | - .03 | 60 | 58 | + 2 | WNW | 2 | 6 | 1 | 66 | 48 | - | | |
| Skagen (The Skaw) ... | 30.23 | 61 | WNW | 2 | 6 | 30.24 | - .04 | 61 | 56 | 0 | E | 3 | 6 | 2 | 73 | 57 | - | | |
| Fanö ... | 30.20 | 60 | ESE | 4 | 6 | 30.16 | - .11 | 64 | 57 | + 2 | E | 4 | 6 | * | 72 | 54 | - | | |
| Coxhaven ... | 30.19 | 61 | E | 3 | 6 | 30.14 | - .11 | 62 | 60 | - 2 | E | 3 | 6 | * | 66 | 53 | - | | |
| Sumburgh Head ... | 30.08 | 55 | SE | 2 | 6 | 30.05 | - .10 | 54 | 53 | + 4 | SE | 4 | 6 | 4 | 86 | 48 | - | | |
| Stornoway ... | 29.88 | 63 | SSW | 5 | 6 | 29.99 | + .03 | 56 | 55 | - 5 | S | 3 | 0 | 2 | 71 | 53 | 0.02 | | |
| Wick ... | 29.94 | 54 | S | 4 | 0 | 30.01 | - .06 | 55 | 54 | - 2 | S | 2 | 0 | 1 | 62 | 51 | - | | |
| Nairn ... | 29.92 | 74 | W | 1 | 6 | 29.98 | - .08 | 64 | 55 | + 2 | 2 | 0 | 0 | 0 | 75 | 35 | - | | |
| Aberdeen ... | 30.04 | 56 | SE | 3 | 0 | 30.06 | - .08 | 59 | 56 | - 2 | SSW | 1 | 6 | 1 | 64 | 52 | - | | |
| Leith ... | 29.94 | 64 | W | 1 | 0 | 30.02 | - .04 | 58 | 56 | - 4 | W | 1 | 0 | * | 73 | 52 | - | | |
| Shields ... | 30.02 | 57 | SE | 4 | 0 | 30.01 | - .11 | 61 | 58 | + 6 | 2 | 0 | 6 | 2 | 61 | 51 | - | | |
| Spurn Head ... | 29.96 | 61 | ESE | 5 | 0 | 30.02 | - .09 | 60 | 58 | + 1 | WNW | 3 | 6 | 3 | 61 | 55 | - | | |
| York ... | 29.97 | 63 | E | 1 | 0 | 30.03 | - .09 | 61 | 57 | + 2 | WNW | 1 | 6 | 4 | 73 | 57 | - | | |
| Loughborough ... | 29.97 | 62 | W | 3 | 0 | 30.07 | - .01 | 61 | 57 | + 3 | W | 2 | 6 | * | 69 | 51 | 0.18 | | |
| Ardrossan ... | 29.97 | 60 | ESE | 1 | 0 | 30.02 | + .01 | 59 | 56 | - 7 | 2 | 0 | 6 | 0 | 70 | 56 | 0.01 | | |
| Mullaghmore ... | 29.92 | 62 | WSE | 2 | 0 | 29.99 | + .04 | 58 | 57 | - 1 | 2 | 0 | 0 | 0 | 64 | 57 | 0.13 | | |
| Donaghadee ... | 29.96 | 57 | ESE | 2 | 0 | 30.03 | + .02 | 57 | 54 | - 2 | S | 2 | 0 | 0 | 68 | 53 | 0.02 | | |
| Parsonstown ... | 29.98 | 61 | SW | 1 | 0 | 30.02 | + .02 | 60 | 58 | + 1 | SW | 1 | 0 | 0 | 68 | 54 | 0.08 | | |
| Barrow-in-Furness ... | 29.98 | 57 | ESE | 2 | 1 | 30.02 | - .02 | 57 | 55 | - 6 | WSW | 2 | 0 | 3 | 67 | 56 | 0.13 | | |
| Holyhead ... | 29.98 | 60 | SSW | 1 | 0 | 30.04 | + .05 | 59 | 58 | 0 | SSW | 4 | 0 | 3 | 63 | 53 | 0.28 | | |
| Liverpool (Biston) ... | 29.97 | 63 | SE | 1 | 6 | 30.05 | + .03 | 63 | 58 | + 6 | SW | 1 | 6 | 0 | 64 | 55 | 0.81 | | |
| Valencia ... | 29.99 | 60 | SSW | 3 | 0 | 30.11 | + .10 | 59 | 57 | - 4 | WNW | 3 | 6 | 3 | 64 | 54 | 0.08 | | |
| Roche's Point ... | 30.02 | 63 | SSW | 3 | 0 | 30.06 | + .06 | 61 | 57 | + 2 | WNW | 4 | 6 | 4 | 66 | 58 | 0.08 | | |
| Pembroke ... | 30.00 | 60 | WSW | 2 | 6 | 30.07 | + .07 | 60 | 59 | + 2 | SSW | 2 | 6 | 2 | 63 | 56 | - | | |
| Scilly ... | 30.06 | 63 | WSW | 3 | 6 | 30.08 | + .08 | 61 | 60 | 0 | W | 2 | 0 | 4 | 65 | 57 | 0.06 | | |
| Prawle Point ... | 30.05 | 60 | WSW | 4 | 6 | 30.14 | + .10 | 58 | 57 | 0 | SSW | 1 | 0 | 1 | 64 | 54 | - | | |
| Hurst Castle ... | 30.04 | 61 | WSW | 4 | 6 | 30.12 | + .11 | 62 | 59 | + 4 | W | 2 | 6 | 2 | 68 | 53 | - | | |
| Dover ... | 30.00 | 61 | WSW | 4 | 6 | 30.08 | + .05 | 63 | 59 | 0 | W | 2 | 6 | 1 | 68 | 58 | 0.01 | | |
| London ... | 29.99 | 60 | SW | 3 | 6 | 30.10 | + .07 | 61 | 63 | - 3 | WNW | 1 | 6 | * | 72 | 51 | 0.15 | | |
| Oxford ... | 30.00 | 61 | W | 1 | 6 | 30.09 | + .07 | 59 | 57 | + 6 | W | 1 | 6 | * | 68 | 52 | 0.36 | | |
| Cambridge ... | 29.97 | 72 | SW | 1 | 6 | 30.07 | + .05 | 64 | 59 | - 5 | 2 | 0 | 6 | * | 74 | 49 | 0.07 | | |
| Yarmouth ... | 29.99 | 62 | SE | 3 | 6 | 30.03 | - .06 | 64 | 60 | + 4 | W | 1 | 6 | 2 | 64 | 55 | - | | |
| The Helder ... | 30.04 | 67 | E | 1 | 6 | 30.05 | - .12 | 64 | 58 | + 2 | SE | 1 | 0 | 1 | 73 | 57 | - | | |
| Cape Griz Nez ... | ? | 59 | W | 5 | m | ? | ? | 59 | 58 | - 5 | SW | 4 | 6 | 3 | 73 | 55 | 0.24 | | |
| Jersey ... | 30.09 | 60 | WNW | 4 | 6 | 30.16 | + .09 | 60 | 60 | 0 | W | 3 | 0 | 3 | 64 | 56 | - | | |
| Brest ... | 30.14 | 62 | W | 8 | 6 | 30.19 | + .11 | 60 | 56 | + 2 | WSW | 3 | 0 | 4 | 64 | 57 | - | | |
| Lorient ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | | |
| Rochefort ... | 30.21 | 65 | WNW | 5 | 6 | 30.24 | + .05 | 59 | 59 | - 5 | WNW | 4 | 6 | 2 | 72 | 52 | - | | |
| Biarritz ... | 30.19 | 65 | W | 4 | 6 | 30.19 | + .01 | 64 | 60 | 0 | SE | 3 | 6 | 1 | 68 | 60 | - | | |
| Cannes ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | | |
| Brussels ... | ? | ? | ? | ? | ? | 30.10 | 00 | 58 | 55 | - 6 | WSW | 3 | 0 | * | 80 | 56 | - | | |
| Charleville ... | ? | ? | ? | ? | ? | 30.11 | + .01 | 61 | 54 | - 5 | WNW | 1 | 6 | * | 76 | 53 | - | | |
| Paris ... | 30.12 | 68 | SE | 3 | 6 | 30.17 | + .11 | 61 | 59 | - 8 | WNW | 3 | 6 | * | ? | ? | - | | |
| Lyons ... | 29.95 | 75 | WNW | 5 | 6 | 30.07 | + .07 | 65 | 58 | 0 | WNW | 5 | 6 | * | 83 | 61 | - | | |
| Toulon ... | 30.01 | 68 | S | 3 | m | 30.06 | + .12 | 69 | 61 | - 3 | WNW | 3 | 0 | 2 | 86 | 61 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.78 | 55 | SW | 1 | 0 | 28.82 | - .03 | 56 | 53 | - 2 | SSW | 1 | 6 | 2 | 67 | 47 | - | | |

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

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 France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

WEATHER CHARTS

for 8 a.m. on Monday, 30th JUNE 1884.

30th JUNE

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.

Wind—Arrows show the prevailing winds. They fly with the wind and their barbs and feathers refer to force, thus—

→ = forces above 10; → = forces 8 to 10;
→ = forces 5 to 7; → = forces 1 to 4;
○ = dead calm.

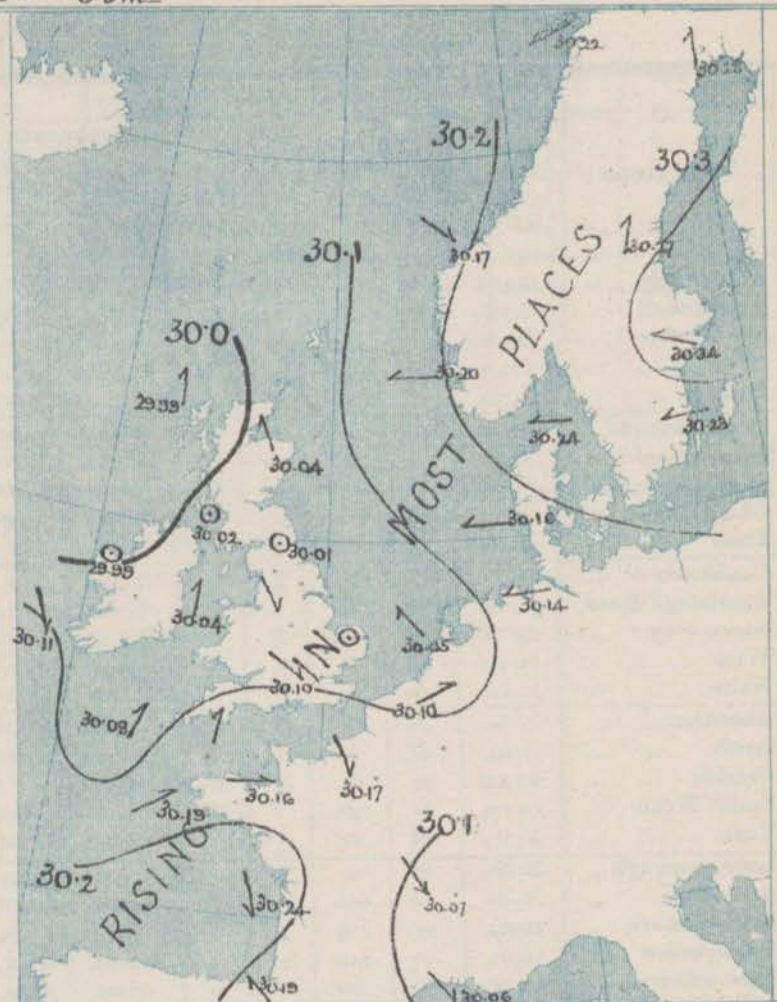
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of June.
During the 10 Years 1871-1880.

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.880 |
| Stornoway | 29.832 |
| Wick | 29.861 |
| Nairn | 29.864 |
| Aberdeen | 29.876 |
| Leith | 29.892 |
| Shields | 29.914 |
| York | 29.936 |
| Ardrossan | 29.895 |
| Donaghadee | 29.898 |
| Holyhead | 29.929 |
| Liverpool | 29.930 |
| Valencia | 29.923 |
| Roches Point | 29.929 |
| Pembroke | 29.937 |
| Scilly | 29.871 |
| Hurst Castle | 29.969 |
| Dover | 29.962 |
| LONDON | 29.963 |
| Oxford | 29.953 |
| Cambridge | 29.960 |
| Yarmouth | 29.966 |



TEMPERATURE & WEATHER at 8 A.M., with RAINFALL in PAST 24 HOURS.

Temperature—Isotherms are drawn for each 10° changes since previous morning are stated in words.

Weather is shown by Letters of the Beaufort Scale.

Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AT 8 A.M., AND RAINFALL.

for the month of June.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 50.7 | 49.1 | 2.04 |
| Stornoway | 54.2 | 51.7 | 3.03 |
| Wick | 53.3 | 50.7 | 1.58 |
| Nairn | 54.8 | 50.8 | 2.00 |
| Aberdeen | 54.8 | 51.7 | 1.87 |
| Leith | 56.4 | 53.1 | 1.06 |
| Shields | 58.2 | 57.3 | 1.76 |
| York | 58.6 | 53.2 | 2.47 |
| Ardrossan | 55.8 | 52.1 | 2.77 |
| Donaghadee | 55.4 | 53.3 | 2.12 |
| Holyhead | 54.7 | 53.3 | 1.98 |
| Liverpool | 56.9 | 53.0 | 1.87 |
| Valencia | 56.9 | 53.9 | 3.52 |
| Roches Point | 56.8 | 53.6 | 3.36 |
| Pembroke | 55.4 | 53.2 | 2.07 |
| Scilly | 57.2 | 55.2 | 1.89 |
| Hurst Castle | 58.1 | 55.9 | 1.93 |
| Dover | 58.1 | 55.6 | 1.76 |
| LONDON | 58.5 | 56.3 | 2.24 |
| Oxford | 57.2 | 55.9 | 2.22 |
| Cambridge | 58.1 | 54.9 | 2.30 |
| Yarmouth | 57.2 | 54.4 | 2.12 |

NOTE—The Temperature means are for the 10 years 1871-80, the Rainfall means are mainly those for the 15 years 1866-80.



REMARKS.

for Monday 30th June

1884, at 8 a.m.

The distribution of pressure is rather irregular. The highest readings are reported over Sweden, but a second area of high pressure lies over the Bay of Biscay, and while a large depression exists to the north-westward of our islands other smaller disturbances are found over our north-east and south-west coasts. The barometer is at present rising a little at nearly all stations. The wind varies a good deal in different localities but is chiefly SW^{ly} at our southern, and S^{ly} at the northern stations, while on the eastern shores of the North Sea it is E^{ly}. The weather is dull in the extreme north and north-west, with rain at Mullaghmore, but elsewhere conditions are generally fair. Thunderstorms occurred yesterday at Oxford and Cambridge, and showers fell in nearly all parts of the Kingdom. Temperature has risen in England, and readings now range from 64° at Slurm and Cambridge to 54° at Donaghadee. The highest maxima registered yesterday were 78° at Slurm, 74° at Cambridge, 73° at Leith and York and 72° in London. The sea is moderate to smooth.

The distribution of pressure is still favourable for the development of shallow disturbances over our southern coast. These are likely to occasion showers and perhaps thunder.

FORECASTS

For the 24 hours ending at NOON on 1st July
(Issued at 11 a.m. on the previous day.)

1884.

DISTRICTS.

FORECASTS.

- | | |
|-------------------------|---|
| 0 { SCOTLAND NORTH | S ^{ly} winds, light; cloudy, some rain. |
| 1 { SCOTLAND EAST | S ^{ly} winds, light; fair generally. |
| 2 { ENGLAND N.E. | Light variable airs; fair generally. |
| 3 { ENGLAND EAST | Same as No 5. |
| 4 { MIDLAND COUNTIES | Same as No 5. |
| 5 { ENGLAND SOUTH | W ^{ly} winds, light; fair at first, less settled later, perhaps thunder. |

DISTRICTS.

FORECASTS.

- | | |
|-----------------------|---|
| 6 { SCOTLAND WEST | Same as No 2. |
| 7 { ENGLAND N.W. | SW ^{ly} or W ^{ly} winds, light, changeable, some showers. |
| 8 { ENGLAND S.W. | Do. Do. Do. |
| 9 { IRELAND NORTH | W ^{ly} or NW ^{ly} winds, light; fair generally, but perhaps some showers. |
| 10 { IRELAND SOUTH | Do. Do. Do. |
| WARNINGS | |
| None issued. | |

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|
| Skudesnaes | 30.21 | 56 | 53 | NSE | 4 | 6-8 | 3 | Valencia | | | | | |
| Sumburgh Head | | | | | | | | Scilly | | | | | |
| Stornoway | | | | | | | | Dover | | | | | |
| Aberdeen | | | | | | | | London | | | | | |
| Shields | | | | | | | | Yarmouth | | | | | |
| Ardrossan | | | | | | | | Jersey | | | | | |
| Mullaghmore | | | | | | | | Rochefort | 30.21 | 69 | 64 | NW | 5 |
| Holyhead | | | | | | | | | | | | | 2 |

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 22nd to the 28th June 1884

During the past week the weather has been unsettled and showery in Ireland & Scotland, but fine and dry over the greater part of England. At the commencement of the period an anticyclone lay off our southwest coast and an area of low pressure over the Baltic, so that the prevailing winds over our islands were Northerly or North-westerly, and the weather fair but cool. On Tuesday, however, the anticyclone travelled southeastwards to the Bay of Biscay & during the ensuing 48 hours a large depression skirted our extreme northern coasts & passed on in a northeasterly direction to Scandinavia. The wind consequently backed to N or SW & blew strongly in the north of Scotland, while rain fell in the west and north generally. On Thursday there were some indications of the advance of another disturbance towards our west coast, but this appears to have dispersed & on Friday a large anticyclone had formed over the whole of our islands. Light variable air and fine warm weather now became general, the maximum readings over England on the 27th varying from 78° to 82°. At the close of the week the anticyclone moved eastwards & on Saturday night shallow disturbances advanced to our south coasts, causing thunderstorms & heavy rain at several of the Southern & Southwestern stations.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JUNE 1884

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

| DATE. | STATIONS. | + YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|------------------|---------------|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|------|---------------------|--|--|
| | | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | | Dir. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | | | |
| 2 nd | Spinn Head... | 29.71 | 56 | SSW | 5 | C | 29.68 | -.29 | 53 | 50 | +1 | S | 4 | C | 3 | 64 | 48 | - | | |
| .. | Corunna... | * | * | * | * | * | 29.88 | - | 66 | 55 | - | SW | 7 | A | 4 | 64 | 46 | 0.16 | | |
| 4 th | Corunna... | * | * | * | * | * | 30.24 | - | 57 | 55 | - | W | 1 | A | 6 | 59 | 45 | 0.08 | | |
| 5 th | Corunna... | * | * | * | * | * | 30.24 | 00 | 57 | 54 | 0 | NE | 1 | A | 2 | 63 | 45 | 0.12 | | |
| 6 th | Corunna... | * | * | * | * | * | 30.30 | +06 | 65 | 65 | +8 | E | 1 | C | 2 | 65 | 44 | - | | |
| 7 th | Corunna... | * | * | * | * | * | 30.19 | -.11 | 56 | 55 | -9 | NW | 4 | O | 4 | 62 | 45 | 0.04 | | |
| .. | Toulon... | 30.13 | 58 | NW | 5 | C | 30.13 | 00 | 56 | 51 | +3 | NW | 4 | C | 3 | 66 | 52 | - | | |
| 9 th | Corunna... | * | * | * | * | * | 30.28 | 00 | 66 | 64 | +2 | NE | 1 | C | 1 | 68 | 48 | - | | |
| 10 th | Corunna... | * | * | * | * | * | 30.24 | -.04 | 61 | 59 | -5 | NE | 4 | O | 2 | 68 | 48 | - | | |
| 11 th | Corunna... | * | * | * | * | * | 30.33 | +09 | 64 | 62 | +3 | NE | 5 | C | 4 | 64 | 50 | - | | |
| 12 th | Corunna... | * | * | * | * | * | 30.37 | +04 | 64 | 63 | 0 | NE | 7 | C | 5 | 64 | 50 | - | | |
| 13 th | Corunna... | * | * | * | * | * | 30.37 | 00 | 64 | 64 | 0 | NE | 5 | C | 4 | 66 | 52 | - | | |
| 14 th | Corunna... | * | * | * | * | * | 30.29 | -.08 | 63 | 63 | -1 | NE | 5 | C | 5 | 64 | 52 | - | | |
| 15 th | Frick... | 30.18 | 49 | NW | 6 | O | 30.21 | +06 | 52 | 50 | +1 | NW | 6 | O | 4 | 56 | 43 | 0.22 | | |
| 16 th | Corunna... | * | * | * | * | * | 30.18 | -.07 | 70 | 67 | +4 | N | 1 | C | 2 | 70 | 52 | - | | |
| 17 th | Corunna... | * | * | * | * | * | 30.07 | -.11 | 72 | 69 | +2 | NE | 1 | C | 3 | 73 | 46 | - | | |
| 18 th | Corunna... | * | * | * | * | * | 30.00 | -.07 | 70 | 63 | -2 | NE | 1 | C | 4 | 72 | 46 | - | | |
| 19 th | Corunna... | * | * | * | * | * | 30.13 | +13 | 71 | 67 | +1 | NE | 1 | C | 2 | 72 | 48 | - | | |
| 20 th | Corunna... | * | * | * | * | * | 30.22 | +09 | 77 | 74 | +6 | NE | 1 | C | 2 | 72 | 48 | - | | |
| 21 st | Corunna... | * | * | * | * | * | 30.23 | +01 | 65 | 62 | -12 | N | 1 | C | 2 | 72 | 46 | - | | |
| 22 nd | Corunna... | * | * | * | * | * | 30.27 | +07 | 64 | 61 | -3 | NNE | 7 | C | 5 | 72 | 50 | - | | |
| 24 th | Jersey... | 30.05 | 64 | NW | 3 | C | 30.04 | -.05 | 57 | 54 | -2 | NW | 2 | O | 2 | 67 | 53 | - | | |
| .. | Corunna... | * | * | * | * | * | 30.25 | -.02 | 64 | 64 | 0 | NNE | 1 | C | 2 | 68 | 50 | - | | |
| 25 th | Parsonstown | 29.93 | 60 | W | 2 | A | 30.12 | +16 | 54 | 50 | -5 | Z | 0 | C | 4 | 63 | 48 | - | | |
| .. | Corunna... | * | * | * | * | * | 30.22 | -.03 | 62 | 61 | -2 | N | 1 | C | 2 | 64 | 50 | 0.04 | | |
| 26 th | Corunna... | * | * | * | * | * | 30.20 | -.02 | 68 | 67 | +6 | E | 1 | C | 1 | 68 | 50 | - | | |
| 27 th | Corunna... | * | * | * | * | * | 30.02 | -.18 | 63 | 62 | -5 | NW | 1 | C | 2 | 75 | 50 | - | | |
| 28 th | Corunna... | * | * | * | * | * | 30.21 | +19 | 62 | 62 | -2 | NW | 1 | A | 2 | 73 | 54 | 0.59 | | |
| 30 th | Corunna... | * | * | * | * | * | 30.14 | -.08 | 67 | 66 | +3 | NE | 5 | C | 3 | 68 | 52 | - | | |

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

(The Stations are grouped in Districts, and then arranged in order of

| Names of Districts | Names of Stations | Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m. | Air Temperature | | | | | | | | Tension of Vapour |
|---|--------------------------------------|---|-----------------|----------|--------|---------------------------|-------------------|---|---------|---|-------------------|
| | | | At 8 a.m. | Means of | | | Absolute Extremes | | | | |
| | | | | Minima | Maxima | Min. and Max. combined | Minimum | Date | Maximum | Date | |
| | | ins. | ° | ° | ° | ° | ° | | ° | | ins. |
| 0. SCOTLAND, N. | Sumburgh Head ... | 29.927 | 49.4 | 44.8 | 53.4 | 49.1 | 34 | 2 nd ₁₁ | 58 | 30 th ₁₁ | 0.305 |
| | Wick ... | 29.974 | 52.8 | 46.0 | 58.4 | 52.2 | 39 | 10 th ₁₁ | 65 | 12 th ₁₁ + 30 th ₁₁ | .320 |
| | Stornoway ... | 29.975 | 51.8 | 46.7 | 56.8 | 51.5 | 38 | 10 th ₁₁ | 71 | 29 th ₁₁ | .338 |
| 1. SCOTLAND, E. | Nairn ... | 29.988 | 53.5 | 48.7 | 62.4 | 55.6 | 39 | 6 th ₁₁ | 75 | 29 th ₁₁ + 30 th ₁₁ | .321 |
| | Aberdeen ... | 29.996 | 55.4 | 47.1 | 61.3 | 54.2 | 38 | 6 th ₁₁ | 73 | 28 th ₁₁ | .327 |
| | Leith ... | 30.011 | 56.2 | 48.2 | 63.3 | 55.8 | 43 | 3 rd ₁₁ + 7 th ₁₁ | 76 | 28 th ₁₁ | .335 |
| 2. ENGLAND, N.E. | Shields ... | 30.031 | 55.1 | 46.9 | 61.4 | 54.2 | 39 | 1 st ₁₁ | 76 | 13 th ₁₁ | .348 |
| | York ... | 30.049 | 55.0 | 47.0 | 66.6 | 56.8 | 38 | 1 st ₁₁ | 81 | 27 th ₁₁ | .337 |
| | Spurn Head ... | 30.031 | 54.9 | 50.2 | 59.7 | 55.0 | 44 | 1 st ₁₁ | 70 | 27 th ₁₁ | .355 |
| 3. ENGLAND, E. | Yarmouth ... | 30.019 | 56.3 | 50.7 | 60.1 | 55.4 | 45 | 9 th ₁₁ | 69 | 11 th ₁₁ + 30 th ₁₁ | .359 |
| | Cambridge ... | 30.042 | 57.6 | 47.1 | 68.0 | 57.6 | 40 | 1 st ₁₁ + 3 rd ₁₁ | 82 | 28 th ₁₁ | .361 |
| 4. MIDLAND COUNTIES. | Loughborough ... | 30.052 | 56.0 | 48.0 | 67.8 | 57.9 | 39 | 1 st ₁₁ | 83 | 28 th ₁₁ | .353 |
| | Oxford ... | 30.050 | 55.9 | 49.8 | 66.2 | 58.0 | 38 | 1 st ₁₁ | 80 | 28 th ₁₁ | .354 |
| 5. ENGLAND S. | London ... | 30.030 | 57.6 | 50.4 | 67.1 | 58.8 | 44 | 1 st ₁₁ | 82 | 27 th ₁₁ | .354 |
| | Dover ... | 30.074 | 57.4 | 51.6 | 62.2 | 56.9 | 46 | 6 th ₁₁ , 9 th ₁₁ , 11 th ₁₁ + 17 th ₁₁ | 69 | 27 th ₁₁ | .363 |
| | Hurst Castle ... | 30.063 | 57.1 | 51.1 | 64.6 | 57.9 | 43 | 1 st ₁₁ | 73 | 28 th ₁₁ | .387 |
| 6. SCOTLAND, W. | Ardrossan ... | 30.026 | 54.9 | 48.9 | 61.2 | 55.1 | 40 | 9 th ₁₁ | 79 | 28 th ₁₁ | .355 |
| 7. ENGLAND, N.W. | *Hawes Junction ... | 28.816 | 52.1 | 43.5 | 59.7 | 51.6 | 35 | 1 st ₁₁ | 76 | 28 th ₁₁ | .309 |
| | Barrow-in-Furness ... | 30.024 | 54.6 | 50.7 | 61.9 | 56.3 | 46 | 4 th ₁₁ , 14 th ₁₁ | 79 | 28 th ₁₁ | .353 |
| | Liverpool Obs ^r (Bidston) | 30.034 | 57.2 | 51.2 | 64.0 | 57.6 | 46 | 1 st ₁₁ , 2 nd ₁₁ + 10 th ₁₁ | 81 | 28 th ₁₁ | .369 |
| | Holyhead ... | 30.060 | 56.2 | 50.4 | 62.3 | 56.4 | 42 | 1 st ₁₁ | 78 | 28 th ₁₁ | .362 |
| 8. ENGLAND, S.W. | Pembroke ... | 30.075 | 55.0 | 50.8 | 59.3 | 55.1 | 45 | 2 nd ₁₁ | 72 | 27 th ₁₁ | .365 |
| | Prawle Point ... | 30.079 | 58.1 | 50.1 | 64.1 | 57.1 | 40 | 7 th ₁₁ | 75 | 20 th ₁₁ | .387 |
| 9. IRELAND, N. | Donaghadee ... | 30.061 | 55.7 | 48.4 | 61.6 | 55.0 | 41 | 14 th ₁₁ | 73 | 13 th ₁₁ | .358 |
| | Mullaghmore ... | 30.057 | 54.7 | 51.6 | 60.6 | 56.1 | 44 | 2 nd ₁₁ | 74 | 28 th ₁₁ | .350 |
| 10 IRELAND, S. | Parsonstown ... | 30.109 | 54.7 | 47.7 | 64.0 | 55.9 | 38 | 14 th ₁₁ | 75 | 27 th ₁₁ | .343 |
| | Valencia ... | 30.126 | 56.8 | 49.3 | 61.8 | 55.6 | 44 | 2 nd ₁₁ | 70 | 21 st ₁₁ | .377 |
| | Roche's Point ... | 30.116 | 56.6 | 50.2 | 63.6 | 56.9 | 42 | 2 nd ₁₁ + 14 th ₁₁ | 70 | 24 th ₁₁ | .365 |
| CHANNEL ISLANDS | Scilly (St. Mary's) ... | 30.088 | 57.3 | 52.4 | 60.8 | 56.6 | 46 | 7 th ₁₁ | 68 | 26 th ₁₁ + 27 th ₁₁ | .388 |
| | Jersey (Noirmont) ... | 30.068 | 56.5 | 51.1 | 62.7 | 56.9 | 45 | 7 th ₁₁ | 75 | 27 th ₁₁ | .401 |
| *Hawes Junction is 1135 feet above mean Sea Level and the | | | | | | | | | | | |

*Hawes Junction is 1135 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the month of JUNE 1884.
at 8 a.m. daily.

Latitude, beginning in each case with the Station lying furthest North.)

| Tension of Vapour ins. | Relative Humidity % | Amount of Cloud | Rainfall | | Date | Weather No. of Days of | | | | | | | Wind No. of observations of | | | | | | | | |
|--|------------------------|-----------------|-------------------------|-------------------------|------------------------------------|---------------------------|------|------|---------------|-----------|----------|-------|--------------------------------|------|------|------|-------|------|------|------|-------|
| | | | Total Fall in the month | Maximum Fall in one day | | Rain | Snow | Hail | Thunderstorms | Clear Sky | Overcast | Gales | North | N.E. | East | S.E. | South | S.W. | West | N.W. | Calms |
| | | | ins. | in. | | | | | | | | | | | | | | | | | |
| 305 | 87 | 8.7 | 1.48 | 0.50 | 24 th | 16 | 0 | 0 | 0 | 1 | 21 | 0 | 2 | 5 | 1 | 3 | 3 | 3 | 7 | 6 | 0 |
| 330 | 82 | 8.0 | 1.71 | 0.26 | 22 nd | 15 | 0 | 0 | 0 | 3 | 21 | 1 | 4 | 1 | 2 | 0 | 10 | 2 | 3 | 6 | 2 |
| 338 | 87 | 7.8 | 1.81 | 0.39 | 1 st + 12 th | 17 | 0 | 0 | 0 | 4 | 19 | 5 | 2 | 5 | 1 | 1 | 7 | 2 | 7 | 3 | 2 |
| 321 | 78 | 7.1 | 1.04 | 0.25 | 16 th | 11 | 0 | 0 | 0 | 6 | 18 | 1 | 0 | 2 | 1 | 0 | 0 | 4 | 5 | 2 | 16 |
| 327 | 74 | 6.0 | 0.98 | 0.36 | 22 nd | 12 | 0 | 0 | 0 | 7 | 10 | 2 | 8 | 1 | 0 | 5 | 5 | 3 | 2 | 4 | 2 |
| 335 | 74 | 6.5 | 0.63 | 0.37 | 5 th | 7 | 0 | 0 | 0 | 3 | 8 | 0 | 2 | 4 | 5 | 1 | 1 | 2 | 6 | 7 | 2 |
| 348 | 80 | 7.8 | 1.39 | 0.41 | 8 th | 9 | 0 | 0 | 0 | 4 | 17 | 0 | 4 | 6 | 2 | 2 | 1 | 4 | 3 | 5 | 3 |
| 337 | 78 | 5.6 | 0.31 | 0.11 | 5 th | 8 | 0 | 0 | 0 | 11 | 12 | 0 | 9 | 2 | 2 | 1 | 3 | 2 | 3 | 8 | 0 |
| 355 | 83 | 4.5 | 0.43 | 0.22 | 8 th | 6 | 0 | 0 | 0 | 11 | 4 | 0 | 10 | 2 | 3 | 1 | 1 | 2 | 4 | 6 | 1 |
| 359 | 78 | 4.3 | 0.33 | 0.12 | 7 th | 8 | 0 | 0 | 0 | 13 | 4 | 0 | 12 | 2 | 2 | 3 | 1 | 1 | 3 | 6 | 0 |
| 361 | 76 | 5.9 | 1.67 | 0.66 | 5 th | 8 | 0 | 1 | 2 | 9 | 12 | 0 | 15 | 1 | 4 | 1 | 2 | 2 | 1 | 3 | 1 |
| 353 | 79 | 7.4 | 1.13 | 0.51 | 8 th | 10 | 0 | 0 | 2 | 2 | 13 | 0 | 3 | 2 | 3 | 1 | 1 | 1 | 8 | 7 | 4 |
| 354 | 79 | 6.8 | 2.15 | 0.72 | 5 th | 7 | 0 | 2 | 3 | 10 | 12 | 0 | 7 | 5 | 0 | 1 | 1 | 1 | 5 | 7 | 0 |
| 354 | 75 | 6.3 | 2.03 | 0.81 | 6 th | 8 | 0 | 0 | 2 | 8 | 13 | 0 | 3 | 5 | 4 | 0 | 1 | 2 | 5 | 5 | 5 |
| 363 | 77 | 4.1 | 1.18 | 0.32 | 8 th | 10 | 0 | 0 | 0 | 9 | 4 | 0 | 7 | 6 | 5 | 0 | 0 | 2 | 8 | 1 | 1 |
| 387 | 82 | 5.2 | 2.61 | 0.94 | 6 th | 9 | 0 | 0 | 3 | 7 | 4 | 0 | 6 | 10 | 1 | 0 | 2 | 2 | 5 | 3 | 1 |
| 355 | 83 | 7.0 | 0.38 | 0.13 | 1 st | 10 | 0 | 0 | 1 | 5 | 13 | 0 | 0 | 1 | 1 | 1 | 1 | 5 | 8 | 5 | 8 |
| 309 | 79 | 4.1 | 0.66 | 0.14 | 8 th | 11 | 0 | 0 | 0 | 12 | 6 | 0 | 7 | 1 | 4 | 0 | 4 | 5 | 4 | 5 | 0 |
| 353 | 82 | 5.7 | 0.32 | 0.13 | 29 th | 5 | 0 | 0 | 0 | 9 | 11 | 0 | 8 | 3 | 1 | 2 | 4 | 1 | 4 | 7 | 0 |
| 339 | 72 | 5.0 | 0.79 | 0.32 | 7 th | 8 | 0 | 0 | 0 | 10 | 6 | 0 | 2 | 2 | 3 | 2 | 2 | 3 | 9 | 7 | 0 |
| 362 | 80 | 6.4 | 1.32 | 0.73 | 28 th | 8 | 0 | 0 | 0 | 5 | 12 | 0 | 5 | 0 | 2 | 1 | 4 | 4 | 3 | 7 | 4 |
| 365 | 85 | 6.2 | 0.45 | 0.25 | 30 th | 7 | 0 | 0 | 0 | 7 | 9 | 0 | 6 | 2 | 1 | 1 | 2 | 2 | 6 | 8 | 2 |
| 387 | 79 | 4.6 | 0.94 | 0.22 | 6 th | 8 | 0 | 0 | 0 | 11 | 8 | 0 | 3 | 4 | 2 | 1 | 2 | 5 | 2 | 9 | 2 |
| 358 | 82 | 5.7 | 1.07 | 0.41 | 28 th | 10 | 0 | 0 | 0 | 4 | 6 | 0 | 7 | 2 | 4 | 1 | 4 | 3 | 5 | 4 | 0 |
| 350 | 82 | 7.9 | 1.23 | 0.30 | 1 st | 16 | 0 | 0 | 0 | 2 | 13 | 0 | 2 | 0 | 2 | 1 | 0 | 8 | 6 | 5 | 3 |
| 343 | 81 | 7.1 | 0.85 | 0.20 | 1 st | 8 | 0 | 0 | 0 | 7 | 19 | 0 | 4 | 0 | 2 | 0 | 5 | 3 | 4 | 5 | 7 |
| 377 | 81 | 7.1 | 1.42 | 0.46 | 1 st | 12 | 0 | 0 | 0 | 4 | 13 | 0 | 5 | 2 | 0 | 2 | 4 | 2 | 4 | 6 | 5 |
| 365 | 79 | 4.8 | 0.52 | 0.15 | 1 st | 10 | 0 | 0 | 0 | 9 | 4 | 0 | 8 | 3 | 1 | 1 | 2 | 0 | 6 | 9 | 0 |
| 388 | 82 | 7.2 | 0.73 | 0.16 | 6 th | 14 | 0 | 0 | 0 | 2 | 9 | 1 | 9 | 2 | 2 | 1 | 1 | 3 | 4 | 8 | 0 |
| 401 | 88 | 5.8 | 4.40 | 1.20 | 2 nd | 10 | 0 | 2 | 1 | 9 | 10 | 2 | 4 | 4 | 1 | 0 | 1 | 1 | 9 | 9 | 1 |
| Barometric Observations at this station are not corrected for altitude | | | | | | | | | | | | | | | | | | | | | |

2. CORRECTIONS.

| 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. | Max. | Min. | 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). | | | | | | |
| 2 nd | Sunninghill Id. | | | | | | | | | | | | | | | | | | |
| 3 rd | SKedonias | | | | | | | | | | | | | | | | | | |
| | Seilly 2pm | | | | | | 29.72 | | | | | | | | | | | | |
| 5 th | Sunninghill 2pm | | | | | | 29.69 | | | | | | | | | | | | |
| 6 th | Doughborough | | | | | | 29.80 | | | | | | | | | | | | |
| | Parsoutown | | | | | | | | | | | | | | | | | | |
| | Pravle Point | | | | | | | | | | | | | | | | | | |
| 7 th | Sunninghill 2pm | | | | | | | | | | | | | | | | | | |
| | Androssan 2pm | | | | | | | | | | | | | | | | | | |
| 8 th | Spinn Head | | | | | | 29.72 | | | | | | | | | | | | |
| 9 th | Mullaghmore 2pm | | | | | | | | | | | | | | | | | | |
| 10 th | Doraghade | | | | | | | | | | | | | | | | | | |
| | Dow 2pm | | | | | | 30.09 | | | | | | | | | | | | |
| 11 th | Doughborough | | | | | | | | | | | | | | | | | | |
| | Mullaghmore | | | | | | | | | | | | | | | | | | |
| | Roches Point | | | | | | | | | | | | | | | | | | |
| | Cambridge | 30.12 | 58 | | | | | | | | | | | | | | | | |
| 12 th | Stornoway | | | | | | | | | | | | | | | | | | |
| | Mullaghmore | | | | | | | | | | | | | | | | | | |
| 13 th | Binn-a-Tuinn | | | | | | | | | | | | | | | | | | |
| | Pravle Point | | | | | | 30.32 | - 01 | | | | | | | | | | | |
| 14 th | Holyhead | | | | | | 30.39 | + 12 | | | | | | | | | | | |
| | Androssan 2pm | | | | | | 30.37 | | | | | | | | | | | | |
| 16 th | Ball | | | | | | | | | | | | | | | | | | |
| | Stimpool | 30.31 | | | | | | | | | | | | | | | | | |
| 17 th | SKedonias | 29.91 | | | | | | | | | | | | | | | | | |
| | Stain | | | | | | | | | | | | | | | | | | |
| | Androssan | | | | | | | | | | | | | | | | | | |
| | Roches Point | | | | | | | | | | | | | | | | | | |
| | Cambridge | | | | | | | | | | | | | | | | | | |
| | Sunninghill 2pm | | | | | | 30.13 | | | | | | | | | | | | |
| | Androssan 2pm | | | | | | 30.18 | | | | | | | | | | | | |
| 18 th | Holyhead | 30.21 | | | | | | | | | | | | | | | | | |
| | Stimpool | 30.19 | | | | | 30.21 | + 01 | | | | | | | | | | | |
| 19 th | Stornoway 2pm | | | | | | | | | | | | | | | | | | |
| 21 st | Seilly | | | | | | | | | | | | | | | | | | |
| | Pravle Point | | | | | | | | | | | | | | | | | | |
| 22 nd | Androssan | | | | | | | | | | | | | | | | | | |
| | Valencia | | | | | | | | | | | | | | | | | | |
| 23 rd | Stornoway | | | | | | | | | | | | | | | | | | |
| 25 th | Spinn Head | | | | | | 29.96 | | | | | | | | | | | | |
| | Stornoway 2pm | | | | | | 29.60 | | | | | | | | | | | | |
| 26 th | Stornoway 2pm | | | | | | 30.20 | | | | | | | | | | | | |
| 27 th | Rock | | | | | | | | | | | | | | | | | | |
| | Valencia | | | | | | | | | | | | | | | | | | |
| 28 th | Holyhead | | | | | | | | | | | | | | | | | | |
| 29 th | Haves Junction | | | | | | | | | | | | | | | | | | |
| 13 th | Parsoutown | | | | | | | | | | | | | | | | | | |

Note. In the Summary for May 1884 the 11° of Calms at Mullaghmore should read 7° instead of 0°.