

65
METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY—31ST DECEMBER.

1883.

Soc. Reg. Lond.



DAILY WEATHER REPORT

FOR

SUNDAY 1st JULY

1883.

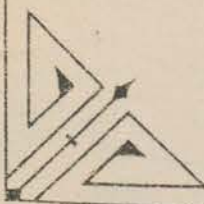
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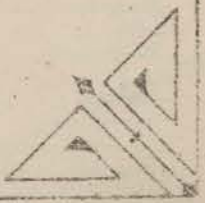
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ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on

SUNDAY 1st JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds.

They fly with the wind, and their bars and feathers refer to force, that,

→ forces above 10; → forces 5 to 10;

→ forces 5 to 7; → forces 1 to 4;

○ - dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast;

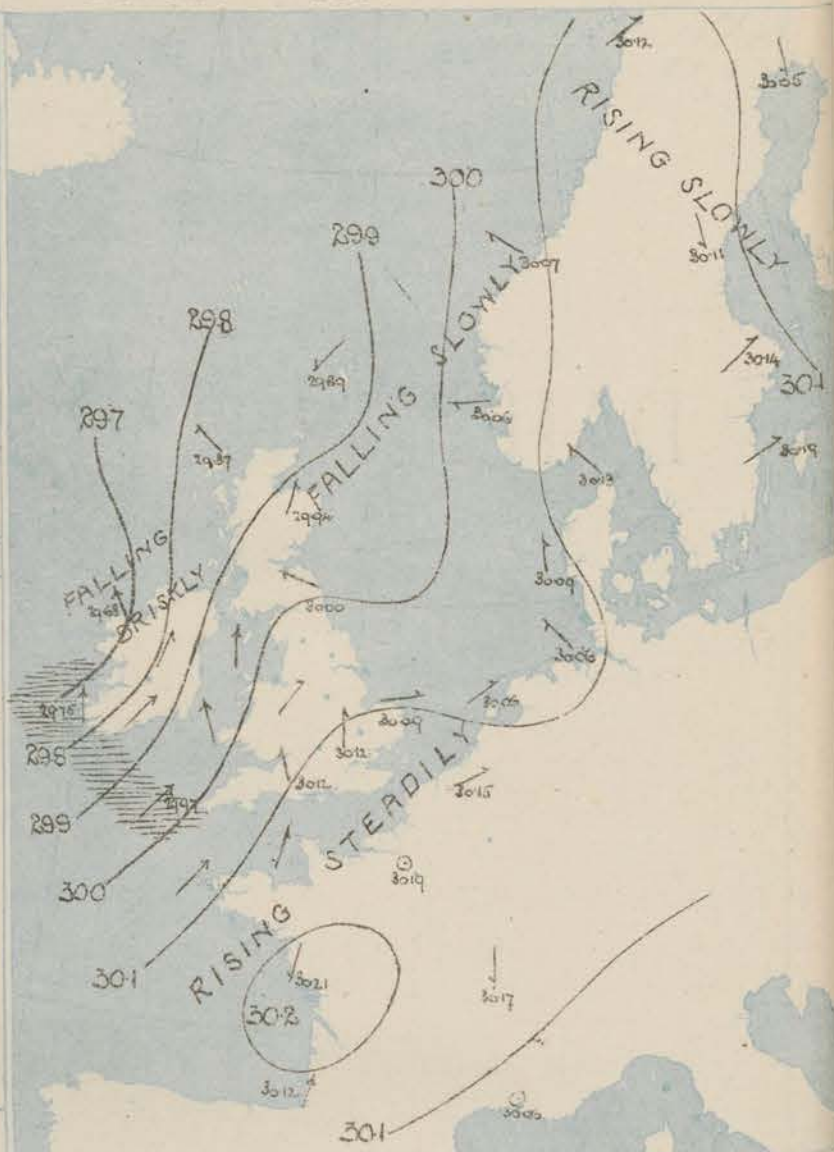
thus - Rough, - High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings. |
|----------------|----------------|
| Sumburgh Head. | 29 827 |
| Sarnoway. | 29 788 |
| Wick. | 29 813 |
| Nairn. | 29 824 |
| Aberdeen. | 29 829 |
| Leith. | 29 848 |
| Shetlands. | 29 873 |
| York. | 29 902 |
| Ardrrossan. | 29 889 |
| Donaghadee. | 29 878 |
| Holyhead. | 29 919 |
| Liverpool. | 29 910 |
| Valencia. | 29 944 |
| Roche's Point. | 29 950 |
| Pembroke. | 29 942 |
| Silly. | 29 968 |
| Howe's Castle. | 29 961 |
| Dover. | 29 959 |
| LONDON. | 29 955 |
| Oxford. | 29 941 |
| Cambridge. | 29 937 |
| Yarmouth. | 29 934 |

* These means are for the 10 years 1871 to 1880.



REMARKS

for Sunday 1st July 1883 at 8 a.m.

In the course of the past night a depression has appeared to the Wnd of Ireland, and the barometer is consequently falling at all our Wnd and Nnd stations. At the SEnd and French stations, however, the mercury is rising a little. Fresh or strong Sth winds prevail along our Wnd and NW coasts, but in the SE. the wind is generally light from the SWnd. The weather is very fine in the N., E., and SE., but cloudy in the W. with showers at Mullaghmore. Thunderstorms occurred over the E. of England yesterday. Temperature remains very little changed, readings now ranging from 67° in London and at 54° at ^(Glasgow &) Bonmahon. The highest maxima registered yesterday were 82° at Cambridge and 81° in London. The sea is rough at Valencia and Scilly, slight or smooth elsewhere.

NOTE. It will be observed that new Mean values, for Pressure, Temperature, and Rainfall are published in the Report from this date. The number of stations for which the mean are given has been largely increased. Those for Pressure and Temperature are for 8 a.m., so as to be strictly comparable with the readings recorded from day to day.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

NONE
ISSUED

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

FORECASTS

NONE
ISSUED

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR

1st JULY

1883

| † 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 19). | | 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 19). | | | Max. | Min. | | | |
| Haparanda | 30.04 | 63 | Z | 0 | c | 30.05 | + 03 | 68 | 59 | + 1 | N | 4 | b | * | 75 | 54 | — | | |
| Hernösand | 30.07 | 64 | Z | 0 | b | 30.11 | + 03 | 68 | 62 | — 3 | N | 2 | b | * | 77 | 55 | — | | |
| Stockholm | 30.15 | 71 | W | 2 | b | 30.14 | — 02 | 75 | 66 | + 5 | WSW | 2 | b | * | 82 | 63 | — | | |
| Wisby | 30.18 | 66 | SW | 1 | b | 30.19 | — 00 | 66 | 60 | + 4 | W | 2 | b | * | 75 | 59 | — | | |
| Bodö | 30.29 | 53 | SW | 2 | o | 30.12 | + 11 | 53 | 51 | — 4 | SW | 2 | o | 2 | 59 | 50 | 0.04 | | |
| Christiansund | 30.10 | 59 | NNW | 2 | f | 30.07 | + 06 | 63 | 59 | + 4 | ESE | 3 | c | 1 | 63 | 52 | 0.08 | | |
| †Skudesnaes | 30.08 | 66 | ENE | 2 | o | 30.06 | — 06 | 67 | 61 | + 7 | E | 2 | r | 3 | 68 | 61 | ? | | |
| Oxö (Xiansund) | 30.12 | 66 | ENE | 2 | b | 30.12 | — 03 | 66 | 63 | + 4 | ENE | 4 | b | 2 | 70 | 61 | — | | |
| Skagen (The Skaw) | 30.14 | 67 | S | 2 | b | 30.13 | — 03 | 68 | 64 | + 2 | SE | 2 | b | 1 | 79 | 64 | — | | |
| Fanö | 30.08 | 70 | ESE | 4 | b | 30.09 | — 02 | 70 | 66 | + 5 | S | 4 | b | * | 84 | 64 | — | | |
| Cuxhaven | 30.08 | 74 | SE | 1 | b | 30.06 | — 01 | 75 | 73 | + 2 | SE | 1 | b | * | 77 | 69 | — | | |
| †Sumburgh Head | 29.99 | 58 | SE | 3 | b | 29.89 | — 01 | 55 | 55 | — 0 | NE | 3 | f | 3 | 63 | 52 | — | | |
| †Stornoway | 29.95 | 56 | NE | 2 | c | 29.87 | — 04 | 56 | 55 | — 3 | SE | 2 | b | 0 | 68 | 48 | — | | |
| Wick | 29.95 | 65 | SE | 2 | b | 29.90 | — 04 | 60 | 57 | — 2 | SE | 1 | c | 0 | 70 | 54 | — | | |
| Nairn | 29.91 | 61 | Z | 0 | b | 29.89 | — 05 | 65 | 57 | + 1 | W | 1 | b | 1 | 71 | 58 | — | | |
| †Aberdeen | 29.97 | 63 | S | 1 | o | 29.94 | — 04 | 66 | 58 | + 4 | SSW | 1 | b | 1 | 70 | 63 | — | | |
| Leith | 29.95 | 59 | NE | 1 | c | 29.96 | — 01 | 65 | 59 | — 1 | S | 1 | b | * | 67 | 47 | 0.01 | | |
| †Shields | 29.96 | 58 | E | 1 | o | 30.00 | + 02 | 62 | 59 | — 0 | ESE | 2 | c | 2 | 66 | 54 | — | | |
| Spurn Head | 29.98 | 64 | SSW | 2 | r | 30.05 | + 06 | 64 | 61 | + 5 | WSW | 2 | b | 2 | 64 | 57 | 0.20 | | |
| York | 29.97 | 63 | SSW | 1 | r | 30.04 | + 09 | 64 | 58 | — 0 | S | 2 | b | * | 76 | 54 | 0.21 | | |
| Loughborough | 29.98 | 72 | SW | 4 | b | 30.08 | + 10 | 63 | 57 | — 3 | SW | 3 | b | * | 78 | 51 | 0.02 | | |
| †Ardrossan | 29.95 | 59 | WSW | 2 | c | 29.93 | — 03 | 60 | 58 | + 1 | ESE | 1 | o | 1 | 64 | 53 | — | | |
| †Mullaghmore | 29.80 | 59 | NNW | 2 | c | 29.68 | — 22 | 60 | 58 | + 1 | SSE | 6 | b | 4 | 68 | 54 | 0.03 | | |
| Donaghadee | 29.91 | 57 | S | 4 | b | 29.90 | — 07 | 54 | 53 | + 1 | S | 5 | o | 3 | 60 | 52 | — | | |
| Parsonstown | 29.91 | 65 | S | 1 | c | 29.97 | — 16 | 62 | 59 | + 4 | SSW | 1 | o | * | 72 | 56 | — | | |
| Barrow-in-Furness | 29.99 | 61 | NNW | 2 | b | 30.03 | + 06 | 60 | 57 | — 0 | SE | 3 | b | 2 | 67 | 55 | — | | |
| †Holyhead | 29.99 | 59 | SW | 2 | b | 29.96 | — 02 | 59 | 56 | — 1 | S | 5 | o | 4 | 65 | 58 | — | | |
| Liverpool (Bidston) | 29.99 | 64 | NNW | 1 | b | 30.01 | + 03 | 64 | 58 | — 0 | SE | 2 | b | 2 | 69 | 54 | — | | |
| †Valencia | 29.84 | 61 | SE | 7 | c | 29.75 | — 17 | 58 | 57 | — 1 | S | 16 | o | 6 | 62 | 56 | 0.20 | | |
| Roche's Point | 29.92 | 60 | S | 4 | b | 29.82 | — 12 | 59 | 57 | — 1 | SW | 5 | c | 4 | 65 | 56 | 0.15 | | |
| Pembroke | 30.00 | 57 | SSW | 2 | b | 29.94 | — 04 | 57 | 56 | + 1 | SSE | 5 | o | 4 | 60 | 55 | — | | |
| †Scilly | 30.00 | 60 | S | 4 | c | 29.97 | — 03 | 59 | 57 | — 1 | SW | 5 | o | 5 | 65 | 57 | 0.03 | | |
| Prawle Point | 30.09 | 59 | SW | 3 | b | 29.98 | — 07 | 56 | 56 | — 1 | SSW | 4 | o | 3 | 61 | 54 | — | | |
| Hurst Castle | 30.07 | 59 | WSW | 4 | b | 30.12 | + 10 | 61 | 57 | — 0 | SSE | 2 | b | 2 | 71 | 56 | — | | |
| †Dover | 30.02 | 68 | WSW | 3 | b | 30.02 | + 16 | 63 | 59 | — 3 | W | 3 | b | 2 | 70 | 54 | — | | |
| †London | 30.02 | 73 | SW | 3 | b | 30.12 | + 13 | 67 | 59 | — 5 | S | 1 | o | * | 81 | 51 | — | | |
| Oxford | 30.05 | 65 | WSW | 2 | b | 30.09 | + 11 | 64 | 59 | — 3 | SW | 2 | b | * | 75 | 54 | — | | |
| Cambridge | 30.00 | 72 | SW | 1 | b | 30.11 | + 13 | 65 | 60 | — 3 | SW | 1 | b | * | 82 | 54 | — | | |
| †Yarmouth | 30.00 | 67 | NNW | 1 | b | 30.09 | + 12 | 67 | 65 | + 1 | N | 2 | b | 2 | 73 | 58 | — | | |
| The Helder | 30.00 | 73 | WNW | 1 | b | 30.06 | + 07 | 68 | 63 | — 6 | WSW | 1 | b | 1 | 86 | 64 | — | | |
| Cape Gris Nez | 30.08 | 61 | SW | 5 | b | 30.17 | + 18 | 60 | 58 | — 7 | SW | 1 | b | 0 | 73 | 58 | — | | |
| †Jersey | 30.10 | 61 | ESE | 1 | b | 30.13 | + 06 | 60 | 59 | — 0 | SSW | 2 | b | 2 | 64 | 55 | — | | |
| Brest | 30.04 | 61 | S | 3 | o | 30.05 | + 05 | 59 | 58 | — 0 | SW | 5 | m | 4 | 65 | 57 | — | | |
| Lorient | 30.10 | 64 | SW | 4 | b | 30.12 | + 04 | 61 | 61 | + 1 | SW | 4 | o | 2 | 70 | 57 | — | | |
| †Rochefort | 30.17 | 67 | NNW | 5 | b | 30.21 | + 05 | 65 | 62 | + 1 | NNE | 5 | o | 2 | 73 | 55 | — | | |
| Biarritz | 30.12 | 69 | N | 4 | b | 30.12 | — 05 | 66 | 64 | + 1 | S | 5 | b | 2 | 72 | 63 | — | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels | * | * | * | * | * | 30.15 | + 17 | 63 | 58 | — 12 | WSW | 4 | b | * | 89 | 59 | 0.47 | | |
| Charleville | 30.06 | 76 | NNW | 3 | c | 30.15 | + 11 | 67 | 58 | — 7 | NNW | 1 | b | * | 89 | 56 | — | | |
| Paris | 30.12 | 75 | SW | 3 | o | 30.19 | + 17 | 68 | 62 | — 5 | Z | 0 | b | * | * | * | — | | |
| Lyons | 30.06 | 80 | NNE | 1 | b | 30.17 | + 07 | 68 | 66 | — 0 | N | 1 | o | * | 82 | 59 | 1.18 | | |
| Toulon | 30.07 | 72 | S | 1 | o | 30.06 | + 04 | 73 | 63 | + 1 | Z | 0 | b | 0 | 77 | 64 | — | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.76 | 63 | S | 2 | b | 29.79 | + 02 | 58 | 54 | — 6 | S | 2 | b | * | 68 | 47 | — | | |

HIGH LEVEL STATION.

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

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| Skudesnaes | 30.13 | 67 | 61 | SSE | 1 | o | 4 | Valencia | 29.90 | ? 62 | 60 | SE | 6 | sm | 6 |
| Sumburgh Head | 29.99 | 61 | 59 | SE | 2 | b | 1 | Scilly | 30.02 | 63 | 60 | SSW | 3 | c | 4 |
| Stornoway | 29.94 | 68 | 60 | SW | 2 | bc | 1 | Dover | 30.02 | 68 | 63 | WSW | 3 | b | 1 |
| Aberdeen | 29.99 | 66 | 61 | SSE | 1 | b | 1 | London | 30.00 | 80 | 70 | SW | 3 | a | * |
| Shields | 30.00 | 61 | 60 | E | 2 | c | 2 | Yarmouth | 29.99 | 72 | 68 | NNE | 2 | b | 2 |
| Ardrossan | 29.97 | 62 | 60 | Z | 0 | b | 0 | Jersey | 30.12 | 62 | 59 | SSW | 2 | bc | 2 |
| Mullaghmore | 29.88 | 61 | 59 | SW | 2 | ogb | 2 | Rochefort | 30.10 | 73 | 59 | NN | 5 | bc | 2 |
| Holyhead | 30.01 | 63 | 59 | SW | 5 | c | 3 | | | | | | | | |

The changes in barometric pressure both over our Islands and France are slight but irregular, and as temperature remains high, especially over England, the winds are light and variable, while the air in London is somewhat clear and stuffy, and the sky wears a rather unsettled appearance it seems probable that thunderstorms will again prevail over our SE. countries shortly.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ The morning reports are sent at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

MONDAY 2ND JULY

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s per quarter
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ROBERT H. SCOTT

(SECRETARY).

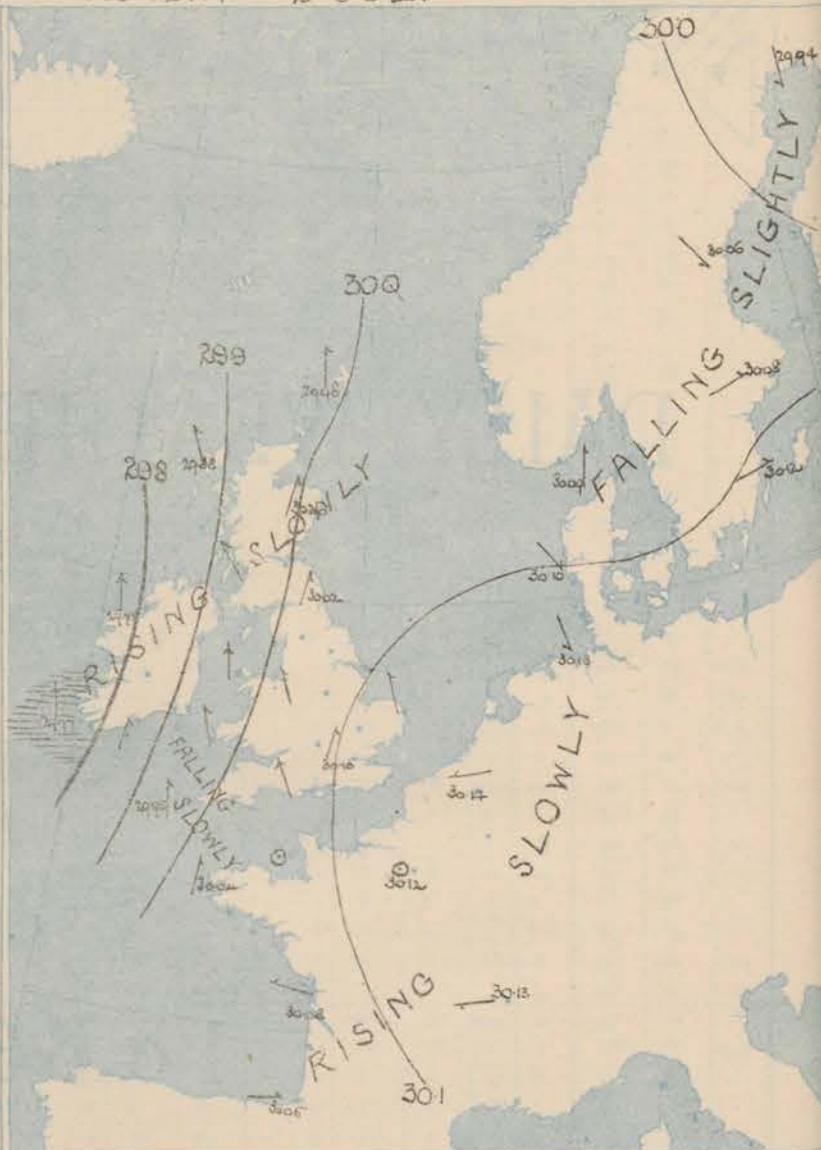
Explanation of Map

○ = dead palm.

thus  - Rough,  - High.

at 3 a.m. for the month of July

* These means are for the 10 years
1871 to 1880.

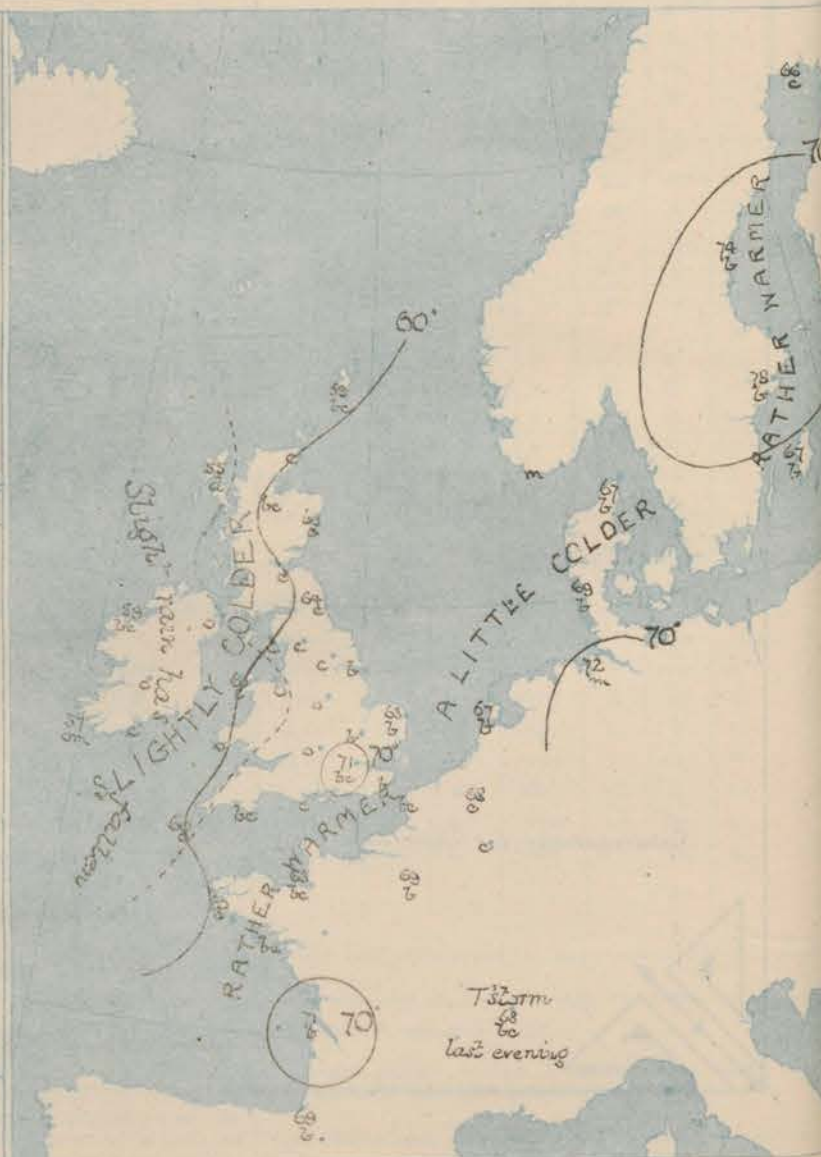


Explanation of Map

which rain has fallen from those where there

for the month of July.

* These mean 8 a.m. Temperatures are those for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 25 years 1856 to 1880.



REMARKS

for Monday 2nd July 1863 at 8 a.m.

The depression noticed yesterday off the N. of Ireland appears to have passed away again over the Atlantic, and the barometer is now rising at all but our SW stations where a slight fall has taken place since last night. The highest pressures are still reported from the Continental stations. The wind is SE^{ly} in France & the SE of England, but generally S^{ly} elsewhere; on our W. coasts it blows rather freshly. Very fine bright weather prevails over the Continent & SE of England, but in the W. & N. of our Islands the sky is rather cloudy, & at Stormoway drizzling rain is reported. In the course of yesterday rain fell on all parts of our W. coasts. Temperature readings over our Islands range from 71° in London to 55° at Stormoway, but at Stockholm the thermometer is as high as 78°. The highest maxima registered yesterday were 77° in London & 76° at Naam & Cambridge. The sea is rough at Valencia, moderate & smooth elsewhere.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

3rd July

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

S^{ly} or SE^{ly} winds, moderate; cloudy;
Some rain

2 SCOTLAND EAST

S^{ly} winds, light or moderate;
fair on the whole

3 ENGLAND N.E.

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

4 ENGLAND EAST

Same as N^o 3

5 MIDLAND COUNTIES

Same as N^o 1 & 2

6 ENGLAND SOUTH

S & SE winds, moderate; fine;
warm

6 SCOTLAND WEST

SE & S winds, light or moderate;
fair on the whole

7 ENGLAND N.W.

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

8 ENGLAND S.W.

Same as N^o 1 & 2

9 IRELAND NORTH

S & SE winds, fresh; cloudy;
perhaps some rain

10 IRELAND SOUTH

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

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 2ND JULY

1883

| STATIONS. | † YESTERDAY EVENING. | | | | | | 5 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|---|--------------------|-------|----------------------|----------|---|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|------|---------------------------|------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer. Reading at 32° F. and Sea Level. | Difference from 5 a.m. yesterday. | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | | | Dry. | Wet. | Difference from 5 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.01 | 66 | Z | 0 | c | 29.94 | - .07 | 66 | 57 | - 2 | N | 4 | c | * | 77 | 61 | - | | |
| Hernösand | 30.06 | 67 | NSW | 2 | c | 30.06 | - .05 | 74 | 64 | + | 6 | NW | 2 | b | * | 81 | 59 | - | |
| Stockholm | 30.10 | 68 | NSW | 2 | b | 30.08 | - .06 | 78 | 66 | + | 2 | NSW | 2 | b | * | 86 | 64 | - | |
| Wisby | 30.16 | 67 | SW | 4 | b | 30.12 | - .07 | 67 | 62 | + | 4 | NSW | 2 | b | * | 81 | 63 | - | |
| Bodö | | | | | | | | | | | | | | | | | | | |
| Christiansund | | | | | | | | | | | | | | | | | | | |
| †Skudesnes | | | | | | | | | | | | | | | | | | | |
| Öxö (Xiansund) | 30.15 | 67 | ENE | 2 | b | 30.06 | - .06 | 66 | 64 | - | ENE | 2 | m | 1 | 70 | 59 | - | | |
| Skagen (The Skaw) | 30.10 | 66 | S | 2 | b | 30.09 | - .04 | 67 | 65 | - | 1 | S | 2 | b | 1 | 79 | 63 | - | |
| Fanö | 30.08 | 64 | NW | 1 | b | 30.10 | + | 69 | 64 | + | 9 | NW | 3 | b | * | 88 | 61 | - | |
| Cuxhaven | 30.01 | 70 | NNW | 2 | b | 30.13 | + | 67 | 70 | - | 3 | NNW | 1 | m | * | 79 | 68 | - | |
| †Sumburgh Head | 29.94 | 59 | SE | 2 | c | 29.98 | + | 59 | 55 | + | 4 | S | 4 | b | 3 | 60 | 51 | - | |
| †Stornoway | 29.83 | 60 | SE | 3 | o | 29.87 | + | 59 | 54 | - | 1 | SSE | 4 | d | 3 | 66 | 53 | 0.13 | |
| Wick | 29.83 | 65 | SE | 1 | b | 29.98 | + | 60 | 55 | - | 0 | SSE | 3 | c | 2 | 70 | 55 | - | |
| Nairn | 29.87 | 68 | Z | 0 | b | 29.92 | + | 60 | 57 | - | 5 | Z | 0 | b | 0 | 76 | 56 | - | |
| †Aberdeen | 29.94 | 65 | S | 2 | b | 30.00 | + | 63 | 57 | + | 3 | SSW | 2 | c | 1 | 70 | 51 | - | |
| Leith | 29.93 | 66 | SSW | 2 | c | 29.96 | + | 64 | 56 | - | 6 | SE | 1 | c | * | 71 | 49 | - | |
| †Shields | 29.95 | 72 | SW | 4 | c | 30.02 | + | 64 | 60 | + | 2 | SSW | 3 | c | 2 | 73 | 55 | - | |
| Spurn Head | 30.04 | 69 | SW | 3 | b | 30.09 | + | 64 | 60 | - | 2 | SSE | 3 | b | 2 | 72 | 57 | - | |
| York | 30.02 | 70 | SSW | 2 | b | 30.06 | + | 63 | 60 | - | 1 | S | 2 | c | * | 74 | 55 | - | |
| Loughborough | 30.03 | 73 | S | 3 | b | 30.07 | - .01 | 62 | 59 | - | 1 | SE | 2 | o | * | 74 | 55 | - | |
| †Ardrossan | 29.90 | 60 | SSE | 4 | b | 29.94 | + | 61 | 58 | - | 1 | SE | 1 | c | 1 | 61 | 55 | - | |
| †Mullaghmore | 29.73 | 60 | SSE | 6 | rg | 29.75 | + | 59 | 52 | - | 1 | S | 5 | b | 4 | 64 | 52 | 0.09 | |
| Donaghadee | 29.90 | 58 | S | 5 | b | 29.91 | + | 60 | 55 | + | 2 | S | 5 | o | 3 | 62 | 54 | 0.03 | |
| Parsonstown | 29.82 | 60 | SSH | 3 | o | 29.83 | + | 59 | 55 | - | 3 | S | 1 | c | * | 65 | 55 | 0.03 | |
| Barrow-in-Furness | 29.99 | 60 | SSE | 3 | b | 29.98 | - .05 | 61 | 59 | + | 1 | SE | 4 | c | 3 | 66 | 57 | - | |
| †Holyhead | 29.93 | 60 | SSW | 5 | b | 29.93 | - .03 | 60 | 57 | + | 1 | S | 5 | c | 3 | 61 | 59 | 0.01 | |
| Liverpool (Bidston) | 29.97 | 70 | SW | 2 | b | 30.00 | - .01 | 64 | 60 | - | 0 | SE | 2 | o | 2 | 72 | 57 | 0.02 | |
| †Valencia | 29.72 | 59 | S | 8 | o | 29.77 | - .05 | 57 | 55 | - | 1 | S | 6 | om | 6 | 60 | 52 | 0.22 | |
| Roche's Point | 29.83 | 57 | S | 5 | o | 29.83 | + | 57 | 55 | - | 2 | SSW | 4 | c | 4 | 63 | 53 | 0.40 | |
| Pembroke | 29.99 | 59 | S | 4 | c | 29.97 | - .02 | 57 | 56 | - | 0 | SSE | 3 | o | 3 | 59 | 56 | 0.01 | |
| †Scilly | 30.00 | 61 | SSW | 4 | c | 29.95 | - .05 | 60 | 59 | + | 1 | S | 4 | b | 3 | 65 | 56 | 0.01 | |
| Prawle Point | 30.09 | 58 | SSE | 2 | c | 30.04 | - .05 | 62 | 62 | + | 6 | SSE | 1 | b | 3 | 62 | 56 | - | |
| Hurst Castle | 30.11 | 63 | SW | 2 | b | 30.07 | - .04 | 64 | 58 | + | 3 | SSE | 5 | c | 2 | 66 | 58 | - | |
| †Dover | 30.11 | 61 | NSW | 2 | b | 30.12 | - .01 | 64 | 58 | + | 7 | E | 1 | b | 1 | 67 | 55 | - | |
| †London | 30.10 | 72 | SW | 2 | br | 30.10 | - .01 | 71 | 60 | - | 4 | SSW | 2 | b | * | 77 | 55 | - | |
| Oxford | 30.09 | 64 | S | 2 | b | 30.07 | - .02 | 61 | 58 | - | 2 | SSE | 1 | b | * | 70 | 56 | - | |
| Cambridge | 30.10 | 74 | SSE | 3 | b | 30.11 | + | 67 | 57 | + | 2 | S | 1 | b | * | 76 | 53 | - | |
| †Yarmouth | 30.08 | 67 | SSE | 3 | b | 30.13 | + | 63 | 61 | - | 4 | SSE | 2 | b | 1 | 73 | 58 | - | |
| The Helder | 30.13 | 67 | NSW | 1 | b | 30.15 | + | 69 | 61 | - | 1 | SW | 1 | b | 1 | 70 | 57 | - | |
| Cape Gris Nez | 30.15 | 64 | SW | 3 | b | 30.12 | - .03 | 68 | 64 | + | 8 | SW | 1 | b | 0 | 68 | 55 | - | |
| †Jersey | 30.09 | 67 | SE | 1 | b | 30.04 | - .05 | 68 | 63 | + | 8 | Z | 0 | b | 0 | 68 | 59 | - | |
| Brest | 30.09 | 63 | SSW | 4 | o | 30.04 | - .05 | 60 | 59 | + | 4 | SSW | 4 | o | 3 | 64 | 59 | - | |
| Lorient | 30.08 | 65 | SW | 1 | c | 30.04 | - .04 | 64 | 60 | + | 3 | NE | 1 | b | 1 | 73 | 57 | - | |
| †Rochefort | 30.07 | 76 | NW | 4 | b | 30.08 | - .01 | 71 | 68 | + | 6 | ESE | 3 | b | 3 | 72 | 59 | - | |
| Biarritz | 30.04 | 73 | W | 3 | b | 30.05 | - .01 | 69 | 65 | + | 3 | W | 3 | b | 2 | 75 | 63 | - | |
| Corunna | * | * | * | * | * | | | * | * | | | | | | * | * | * | | |
| Brussels | * | * | * | * | * | 30.14 | - .01 | 68 | 64 | + | 5 | E | 1 | c | * | 77 | 60 | - | |
| Charleville | ? | ? | ? | ? | ? | 30.19 | + | 64 | 62 | - | 1 | E | 1 | c | * | 83 | 62 | - | |
| Paris | 30.10 | 74 | Z | 0 | c | 30.12 | - .02 | 69 | 64 | + | 4 | Z | 0 | b | * | * | * | - | |
| Lyons | 30.12 | 75 | NNW | 1 | b | 30.13 | - .01 | 68 | 63 | - | 0 | E | 1 | b | * | 78 | 59 | 0.12 | |
| Toulon | | | | | | | | | | | | | | | | | | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|---|----|----|---|-----|---|---|---|----|----|------|
| Hawes Junction | 28.79 | 58 | SSW | 3 | c | 28.80 | + | 58 | 56 | - | SSW | 2 | c | * | 68 | 48 | 0.04 |
|----------------|-------|----|-----|---|---|-------|---|----|----|---|-----|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | W. sp. | Sea. | | Bar. | Dry. | Wet. | Wind. | W. sp. | Sea. |
|---------------|-------|------|------|-------|--------|------|---|-----------|-------|------|-------|--------|------|
| Skudesnæs | 30.04 | 66 | 60 | S | 4 | c | 3 | Valencia | | | | | |
| Sumburgh Head | | | | | | | | Scilly | | | | | |
| Stornoway | | | | | | | | Dover | | | | | |
| Aberdeen | | | | | | | | London | | | | | * |
| Shields | | | | | | | | Yarmouth | | | | | |
| Ardrossan | | | | | | | | Jersey | | | | | |
| Mullaghmore | | | | | | | | Rochefort | 30.15 | 77 | 70 | NW | 3 |
| Holyhead | | | | | | | | | | | | 60 | 2 |

EXPLANATION OF COLUMNS.

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

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

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

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

DAILY WEATHER REPORT

FOR

TUESDAY 3RD JULY.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s per quarter
D^o D^o Bookpost 5^s D^o

ROBERT H. SCOTT

(SECRETARY).

WEATHER CHARTS

for 8 a.m. on

TUESDAY 3rd JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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

by shading round the coast;

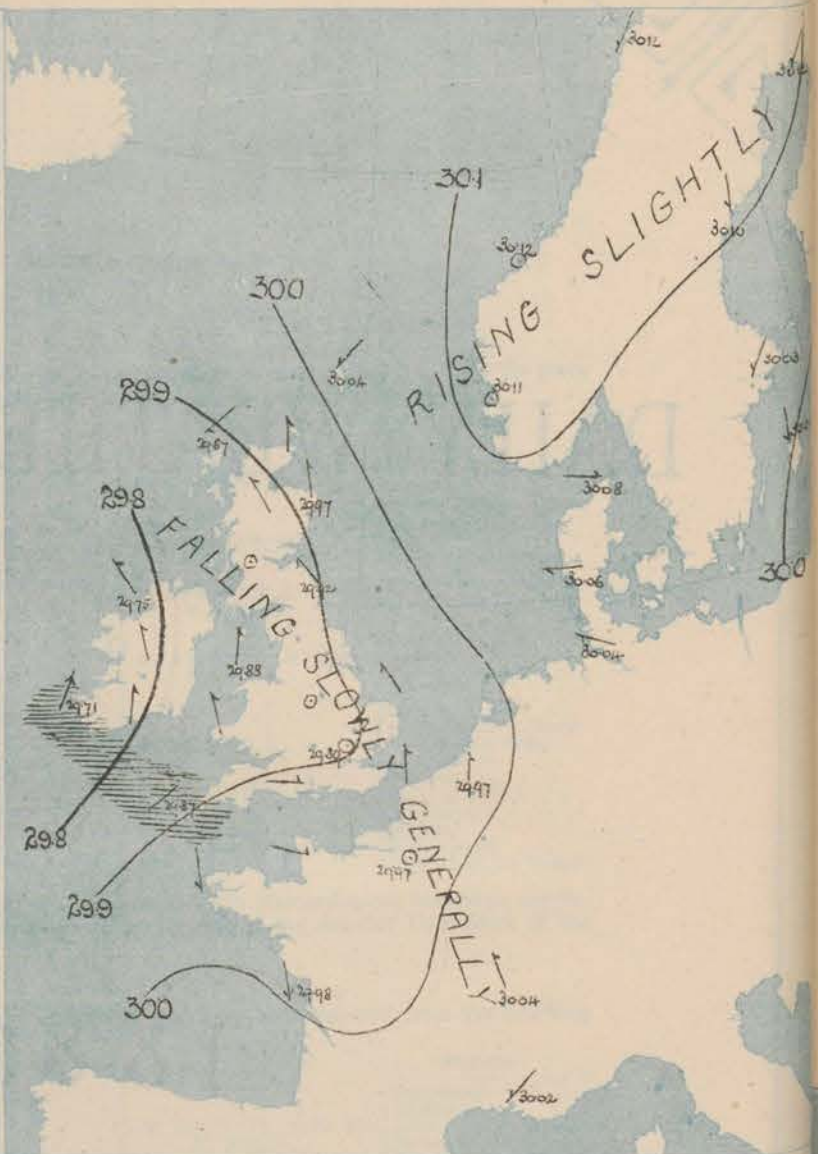
thus — Rough; — High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.877 |
| Stornoway | 29.798 |
| Wick | 29.813 |
| Nairn | 29.829 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrossan | 29.864 |
| Donaghadee | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roche's Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.986 |
| Howe's Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Vermouth | 29.934 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

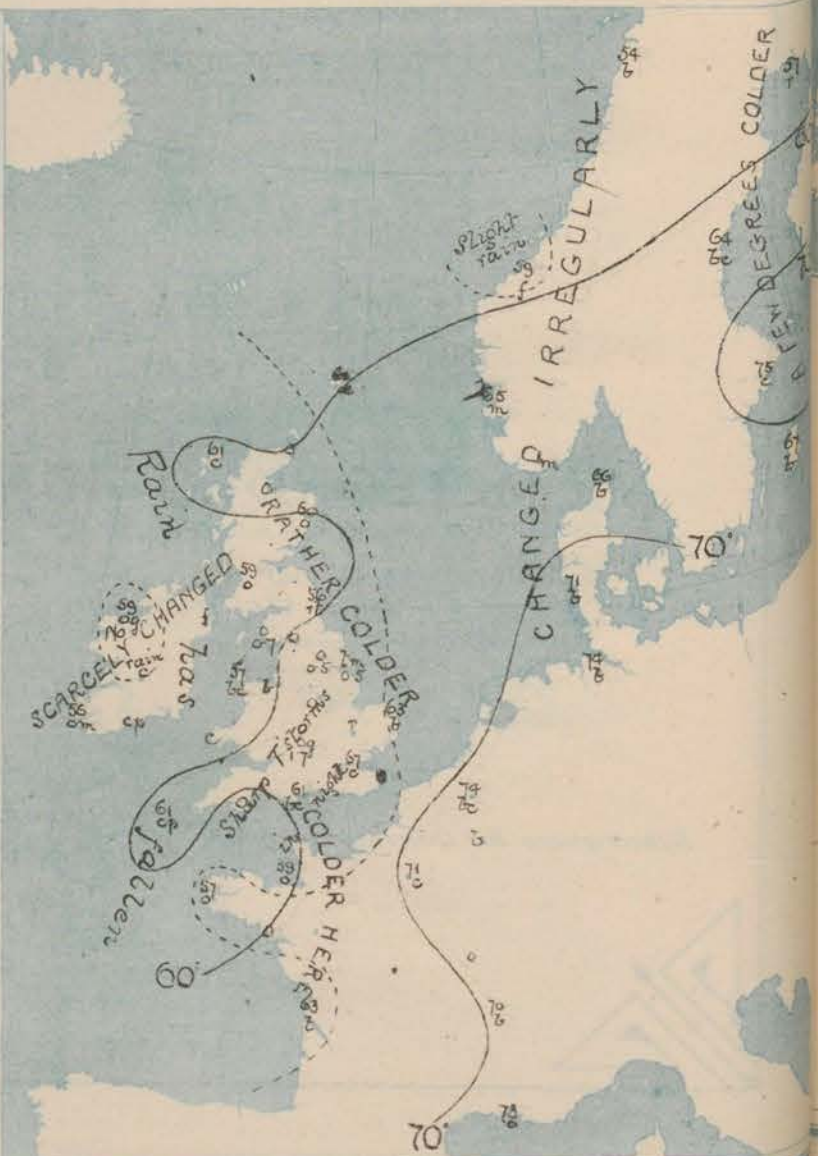
Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| | ° | ins. |
| Sumburgh Head | 53.7 | 2.06 |
| Stornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.55 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 58.1 | 2.62 |
| Shields | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 57.8 | 2.62 |
| Donaghadee | 57.7 | 2.56 |
| Holyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roche's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Howe's Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.9 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Vermouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are from the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Tuesday 3rd July 1883 at 8 a.m.

In the course of the past 24 hours the barometer has risen a little over Scandinavia & the extreme N. of Scotland, but fallen in all other parts of N^w Europe. A change has therefore taken place in the distribution of pressures, the area of highest readings being now confined to Norway & the N. of Sweden, while shallow depressions are found over the central parts of England & France, & also to the N^w of Ireland. Light or moderate SE^{ly} breezes are reported from our N^w & E^{ly} stations, & SE^{ly} breezes from the S., but in the intermediate localities the wind is exceedingly light & variable. The weather varies greatly in different places but is upon the whole changeable & unsettled, with showers at several stations, & thunderstorms at Shields & Spurn Head. During last night heavy thunderstorms occurred in almost all parts of England & at Oxford the rainfall amounted to 1.7 in. Temperature ranges from 67° in London to 54° at Donaghadee, the highest maxima reached yesterday being 83° in London, 80° at Cambridge & 79° at Loughborough & Oxford. The sea is rough in the SW, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
4th July

(ISSUED AT 11 a.m. on previous day)

| DISTRICTS | FORECASTS | DISTRICTS | FORECASTS |
|--------------------|---|------------------|--|
| 1 SCOTLAND NORTH | E ^{ly} winds, moderate; fair generally | 6 SCOTLAND WEST | Same as N ^{os} 1 to 3 |
| 2 SCOTLAND EAST | SE ^{ly} winds, light or moderate; changeable; some rain, local thunderstorms | 7 ENGLAND N.W. | Same as N ^{os} 1 to 3 |
| 3 ENGLAND N.E. | -----D-----D-----D----- | 8 ENGLAND S.W. | SH ^{ly} with W ^{ly} winds, moderate; changeable; some showers. |
| 4 ENGLAND EAST | -----D-----D-----D----- | 9 IRELAND NORTH | S ^{ly} breezes, moderate; some showers |
| 5 MIDLAND COUNTIES | Same as N ^o 5 | 10 IRELAND SOUTH | -----D-----D-----D----- |
| 6 ENGLAND SOUTH | Light and somewhat variable breezes; unsettled, local thunderstorms | WARNINGS | NONE ISSUED |

METEOROLOGICAL OBSERVATIONS FOR 3RD JULY 1883

| STATIONS. | YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|----------------|----|-----------------------------------|------|------|-----------------------------------|-------|-------------------|----------|----------------|----------------|------|---------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | SHADE TEMP. | | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dir. | Force. (0 to 12). | | | | | | | | | Dir. | Force. (0 to 12). | | | Max. | Min. | |
| Haparanda | 29.98 | 56 | N | 2 | bc | 30.12 | + | 18 | 57 | 49 | - | 9 | NNE | 6 | o | * | 68 | ? | - |
| Hernösand | 29.95 | 67 | Z | 0 | bc | 30.10 | + | 14 | 64 | 58 | - | 10 | N | 2 | bc | * | 88 | 59 | - |
| Stockholm | 30.00 | 68 | S | 2 | b | 30.03 | - | 15 | 70 | 65 | - | 3 | NNE | 2 | c | * | 91 | 64 | - |
| Wisby | 30.03 | 71 | SW | 4 | b | 30.01 | - | 11 | 67 | 63 | - | 0 | N | 2 | b | * | 82 | 64 | - |
| Bodö | 30.11 | 54 | N | 4 | b | 30.12 | - | 01 | 57 | 56 | + | 1 | NNE | 2 | b | 1 | 59 | 46 | - |
| Christiansund | 30.04 | 63 | NW | 1 | bc | 30.12 | + | 11 | 59 | 57 | - | 1 | Z | 0 | f | 0 | 68 | 54 | 0.08 |
| †Skudesnaes | 30.12 | 60 | Z | 0 | c | 30.11 | + | 14 | 65 | 61 | + | 5 | Z | 0 | m | 0 | ? | ? | - |
| Oxö (Christiansund) | 30.02 | 67 | WSW | 4 | m | 30.06 | - | 00 | 64 | 60 | - | 2 | SW | 4 | m | 2 | 70 | 59 | - |
| Skagen (The Skaw) | 30.06 | 63 | WNW | 2 | b | 30.05 | - | 01 | 66 | 61 | - | 1 | W | 3 | b | 2 | 75 | 57 | - |
| Fanö | 30.12 | 62 | WNW | 4 | b | 30.06 | - | 14 | 71 | 63 | + | 2 | E | 4 | b | * | 75 | 59 | - |
| Cuxhaven | 30.12 | 68 | N | 2 | m | 30.04 | - | 19 | 74 | 71 | + | 2 | ESE | 1 | b | * | ? | 65 | - |
| †Sumburgh Head | 30.00 | 59 | S | 2 | c | 30.04 | + | 16 | 60 | 57 | + | 1 | NE | 3 | c | 3 | 63 | 57 | - |
| †Stornoway | 29.89 | 63 | E | 1 | c | 29.87 | - | 01 | 61 | 58 | + | 6 | NE | 1 | c | 0 | 63 | 52 | 0.02 |
| Wick | 29.94 | 58 | SE | 2 | bc | 29.96 | + | 03 | 56 | 55 | - | 4 | S | 4 | o | 2 | 66 | 54 | 0.04 |
| Nairn | 29.90 | 65 | S | 1 | bc | 29.89 | - | 01 | 63 | 60 | + | 3 | SE | 2 | o | 2 | 73 | 59 | 0.02 |
| †Aberdeen | 29.97 | 64 | S | 2 | b | 29.97 | - | 03 | 60 | 58 | - | 3 | SSE | 1 | o | 1 | 69 | 55 | 0.21 |
| Leith | 29.91 | 65 | SW | 1 | o | 29.86 | - | 10 | 59 | 59 | - | 0 | ESE | 1 | o | * | 70 | 54 | 0.24 |
| †Shields | 29.96 | 63 | SSE | 4 | a | 29.92 | - | 10 | 56 | 56 | - | 8 | SE | 2 | rt | 3 | 67 | 54 | 0.39 |
| Spurn Head | 30.00 | 60 | ESE | 5 | bc | 29.97 | - | 12 | 61 | 61 | - | 1 | S | 2 | lm | 3 | 65 | 58 | 0.45 |
| York | 29.97 | 71 | ESE | 3 | c | 29.90 | - | 16 | 62 | 61 | - | 1 | E | 2 | o | * | 76 | 60 | 0.84 |
| Loughborough | 29.93 | 77 | SE | 4 | bc | 29.88 | - | 19 | 62 | 61 | - | 0 | Z | 0 | o | * | 79 | 61 | 0.58 |
| †Ardrossan | 29.90 | 58 | Z | 0 | o | 29.86 | - | 08 | 59 | 58 | - | 0 | Z | 0 | o | 0 | 62 | 57 | 0.08 |
| †Mullaghmore | 29.73 | 63 | S | 5 | c | 29.75 | - | 00 | 59 | 56 | - | 0 | SE | 4 | cg | 3 | 65 | 54 | - |
| Donaghadee | 29.86 | 59 | SSE | 5 | o | 29.86 | - | 05 | 54 | 54 | - | 2 | SSE | 3 | f | 1 | 61 | 51 | 0.12 |
| Parsonstown | 29.78 | 63 | S | 2 | bc | 29.79 | - | 04 | 59 | 56 | - | 0 | SSE | 1 | e | * | 67 | 55 | - |
| Barrow-in-Furness | 29.92 | 60 | NW | 2 | r | 29.85 | - | 13 | 60 | 59 | - | 1 | SW | 2 | o | 3 | 67 | 57 | 0.72 |
| †Holyhead | 29.91 | 67 | SSW | 2 | r | 29.88 | - | 05 | 57 | 55 | - | 3 | S | 2 | bc | 3 | 64 | 57 | 0.08 |
| Liverpool (Bidston) | 29.90 | 64 | SSE | 4 | c | 29.86 | - | 14 | 59 | 57 | - | 5 | W | 1 | b | 3 | 73 | 58 | 0.01 |
| †Valencia | 29.72 | 57 | S | 7 | rm | 29.71 | - | 06 | 56 | 55 | - | 1 | SSW | 5 | om | 5 | 61 | 54 | 0.23 |
| Roche's Point | 29.84 | 58 | SSW | 4 | bc | 29.78 | - | 05 | 57 | 55 | - | 0 | S | 4 | cp | 4 | 64 | 54 | 0.18 |
| Pembroke | 29.90 | 57 | S | 3 | c | 29.86 | - | 11 | 58 | 56 | + | 1 | SSE | 3 | c | 3 | 60 | 54 | 0.09 |
| †Scilly | 29.91 | 56 | W | 2 | rf | 29.87 | - | 08 | 61 | 59 | + | 1 | SW | 4 | cp | 6 | 63 | 53 | 0.05 |
| Prawle Point | 29.96 | 60 | WSW | 1 | bc | 29.91 | - | 13 | 58 | 56 | - | 4 | SW | 1 | o | 2 | 66 | 54 | 0.01 |
| Hurst Castle | 29.96 | 68 | SSW | 4 | bc | 29.95 | - | 12 | 61 | 58 | - | 3 | W | 2 | bc | 2 | 76 | 58 | 0.09 |
| †Dover | 30.01 | 66 | E | 3 | b | 29.92 | - | 20 | 65 | 62 | + | 1 | SW | 1 | bcg | 0 | 69 | 63 | 0.04 |
| †London | 29.99 | 79 | S | 3 | b | 29.89 | - | 21 | 67 | 66 | - | 4 | ENE | 1 | c | * | 88 | 62 | 0.25 |
| Oxford | 29.93 | 73 | SE | 2 | c | 29.87 | - | 20 | 63 | 62 | + | 2 | Z | 0 | og | * | 79 | 61 | 1.73 |
| Cambridge | 29.98 | 73 | SE | 1 | b | 29.89 | - | 22 | 66 | 65 | - | 1 | E | 1 | r | * | 80 | 61 | 0.39 |
| †Yarmouth | 30.05 | 65 | ESE | 4 | b | 29.95 | - | 18 | 63 | 61 | - | 0 | SE | 2 | b | 2 | 66 | 60 | - |
| The Helder | 30.08 | 68 | NE | 1 | b | 29.98 | - | 17 | 69 | 65 | + | 2 | E | 1 | b | 2 | 75 | 66 | - |
| Cape Gris Nez | 30.03 | 79 | NNE | 3 | b | 29.95 | - | 19 | 68 | 66 | - | 0 | S | 3 | o | 1 | 82 | 66 | 0.08 |
| †Jersey | 29.96 | 65 | W | 2 | clm | 29.93 | - | 11 | 59 | 58 | - | 9 | WNW | 2 | om | 2 | 73 | 56 | 0.03 |
| Brest | 29.91 | 62 | SW | 1 | o | 29.95 | - | 09 | 57 | 56 | - | 3 | NNW | 3 | o | 4 | 66 | 55 | - |
| Lorient | 29.99 | 64 | WNW | 3 | c | 29.97 | - | 07 | 60 | 58 | - | 4 | SW | 1 | o | 2 | 73 | 54 | - |
| †Rocheport | 29.98 | 70 | NW | 4 | bc | 29.98 | - | 10 | 63 | 63 | - | 8 | NNW | 7 | b | 2 | 86 | 59 | 0.08 |
| Biarritz | | | | | | | | | | | | | | | | | | | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | | | | | | | | | | | | | | |
| Charleville | 30.06 | 60 | E | 3 | b | 29.97 | - | 17 | 74 | 67 | + | 6 | S | 3 | bc | * | 82 | 65 | - |
| Paris | 30.02 | 81 | SSW | 3 | bc | 29.97 | - | 15 | 70 | 66 | + | 2 | Z | 0 | o | * | * | * | - |
| Lyons | 30.01 | 80 | S | 1 | b | 30.04 | - | 09 | 70 | 64 | + | 2 | SSE | 1 | b | * | 84 | 62 | - |
| Toulon | 30.03 | 74 | SW | 3 | bc | 30.02 | - | 04 | 73 | 61 | - | 0 | NE | 1 | o | 0 | 81 | 59 | - |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|---|----|----|----|---|---|---|---|---|---|----|----|------|
| Hawes Junction | 28.72 | 65 | S | 1 | o | 28.66 | - | 14 | 60 | 60 | + | 2 | S | 1 | o | * | 69 | 58 | 0.15 |
|----------------|-------|----|---|---|---|-------|---|----|----|----|---|---|---|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|-----|---|
| Skudesnaes ... | 30.11 | 61 | 57 | Z | 0 | f | 3 | Valencia ... | 29.78 | 59 | 57 | S | 6 | omg | 6 |
| Sumburgh Head | 29.98 | 61 | 56 | S | 4 | c | 4 | Scilly ... | 29.94 | 63 | 61 | SSW | 4 | o | 4 |
| Stornoway ... | 29.89 | 61 | 58 | ENE | 2 | c | 1 | Dover .. | 30.06 | 67 | 62 | E | 2 | b | 1 |
| Aberdeen ... | 29.99 | 65 | 60 | SSE | 2 | bc | 1 | London ... | 30.02 | 79 | 65 | ESE | 3 | b | * |
| Shields ... | 30.04 | 60 | 59 | ESE | 3 | o | 4 | Yarmouth ... | 30.11 | 65 | 60 | SSE | 3 | b | 2 |
| Ardrossan ... | 29.93 | 60 | 59 | S | 2 | c | 2 | Jersey ... | 29.99 | 71 | 65 | NW | 1 | b | 1 |
| Mullaghmore ... | 29.76 | 61 | 54 | SSW | 5 | or | 3 | Rocheport ... | 30.03 | 83 | 78 | NW | 2 | b | 2 |
| Holyhead ... | 29.92 | 64 | 59 | SSW | 3 | c | 3 | | | | | | | | |

The barometer is falling somewhat decidedly over the SE. of England, and N. of France, but is little changed elsewhere. The wind has shifted to SE in the E. and SE, but the weather remains fine and warm on all but our W. coast. Sea is slight at Holyhead, smooth at Dover.

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 (or overcast); p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

WEDNESDAY 4TH JULY

1888

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds.

They fly with the wind, and their bars and feathers refer to force, thus:

→ forces above 10; → forces 8 to 10; → forces 6 to 7; → forces 4 to 5; → dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast.

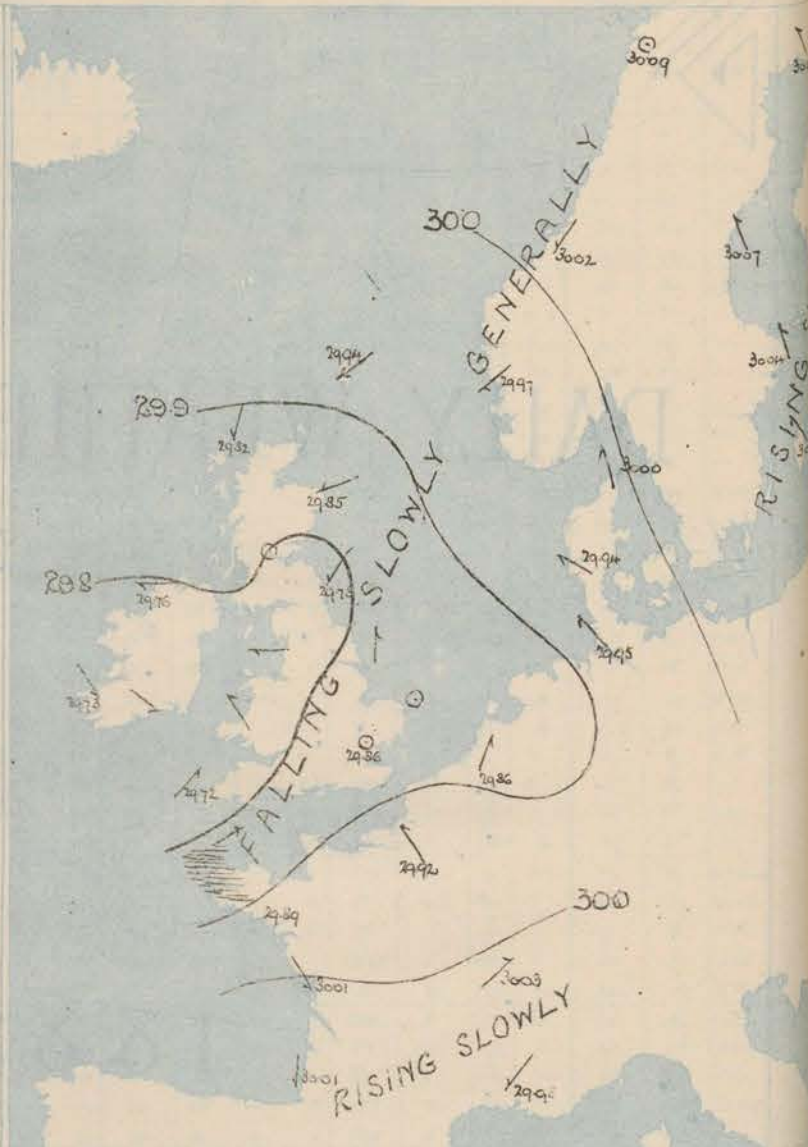
thus: - Rough, - High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.877 |
| Sornway | 29.799 |
| Wick | 29.813 |
| Naam | 29.823 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shetland | 29.873 |
| Bark | 29.902 |
| Ardrassan | 29.904 |
| Donaghadee | 29.874 |
| Ballyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.911 |
| Roches Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.986 |
| Howe Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Kew | 29.934 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

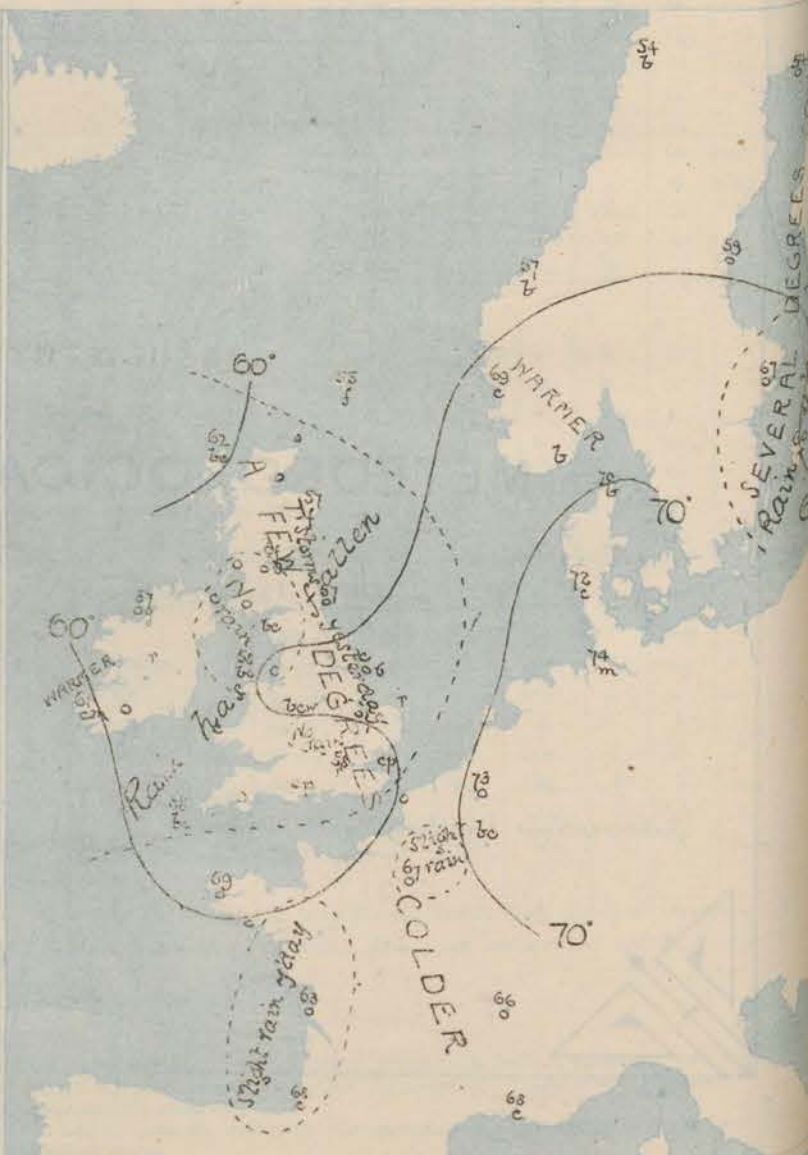
Falls of 0.5 in. or more are quoted in figures.

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

for the month of July.

| Stations | Temp. | Rainfall |
|---------------|-------|----------|
| Sumburgh Head | 58.7 | 2.06 |
| Sornway | 58.4 | 2.00 |
| Wick | 58.2 | 2.79 |
| Naam | 57.4 | 2.55 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shetland | 58.8 | 2.66 |
| Bark | 59.7 | 2.41 |
| Ardrassan | 57.8 | 2.62 |
| Donaghadee | 57.7 | 2.66 |
| Ballyhead | 58.3 | 2.79 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roches Point | 59.1 | 3.07 |
| Pembroke | 58.6 | 2.12 |
| Sally | 60.3 | 1.96 |
| Howe Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.6 | 2.36 |
| Oxford | 60.9 | 2.00 |
| Cambridge | 61.3 | 2.41 |
| Kew | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 45 years 1866 to 1880.



REMARKS

for Wednesday 4th July 1883 at 8 a.m.

Since yesterday morning the barometer has continued to fall slowly in nearly all parts of Western Europe; and, while relatively high pressures are reported from the N. of Scandinavia & South of France, a large area of low readings covers Ireland & the West & North of England. The winds are light or moderate generally, and circulate round the lowest pressure, being NW^{ly} in the South of Ireland, SW^{ly} or S^{ly} in the South of England, & E^{ly} or NE^{ly} at our more northern stations. Cloudy showery weather is very prevalent, & thunder is reported from Biscaritz. In the course of yesterday thunderstorms again prevailed in many parts of Great Britain, at which the rainfall amounted to 0.8 in. at Swan Head & 0.6 in. and at Shields to 0.5 in. Temperatures have fallen in most places, and now ranges from 62° at Stornoway & Wexmouth to 54° at Donaghadee. The highest maxima registered yesterday were 77° at Cambridge, 75° at Loughbor' & 75° at London. The sea is moderate or smooth generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

5th July

(ISSUED AT 11 a.m. on previous day)

| DISTRICTS | FORECASTS | DISTRICTS | FORECASTS |
|--------------------|--|------------------|---|
| 1 SCOTLAND NORTH | E ^{ly} and NE ^{ly} winds, moderate; fair on the whole | 6 SCOTLAND WEST | Light variable breezes; changeable, some showers |
| 2 SCOTLAND EAST | Light breezes chiefly E ^{ly} ; cloudy, showery, thunder locally | 7 ENGLAND N.W. | -----D-----D-----D----- |
| 3 ENGLAND N.E. | -----D-----D-----D----- | 8 ENGLAND S.W. | SW ^{ly} and W ^{ly} winds, moderate, showery |
| 4 ENGLAND EAST | Same as N° 5 | 9 IRELAND NORTH | Same as N° 6 & 7 |
| 5 MIDLAND COUNTIES | Same as N° 5 | 10 IRELAND SOUTH | Same as N° 8 |
| 6 ENGLAND SOUTH | Light breezes, chiefly S ^{ly} ; rain at times, thunder locally | WARNINGS | NONE ISSUED |

METEOROLOGICAL OBSERVATIONS FOR 4th JULY

1883

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | | |
| Haparanda | 30.12 | 51 | Z | 0 | b | 30.09 | — | 0.3 | 54 | 49 | — | E | 2 | 0 | * | 61 | 46 | — | | |
| Hernösand | 29.92 | 59 | Z | 0 | b | 30.07 | — | 0.3 | 59 | 54 | — | SSE | 4 | 0 | * | 72 | 54 | — | | |
| Stockholm | 30.10 | 66 | E | 4 | c | 30.04 | + | 0.1 | 67 | 60 | — | S | 2 | 0 | * | 82 | 63 | 0.12 | | |
| Wisby | 30.04 | 67 | NE | 2 | b | 30.08 | + | 0.4 | 60 | 58 | — | SSE | 2 | 0 | * | 77 | 63 | 0.16 | | |
| Bodö | 30.12 | 36 | N | 2 | b | 30.09 | — | 0.3 | 54 | 52 | — | Z | 0 | 0 | 0 | 63 | 48 | — | | |
| Christiansund | 30.08 | 61 | N | 4 | b | 30.02 | — | 1.0 | 57 | 53 | — | NE | 4 | 0 | 2 | 64 | 52 | — | | |
| † Skudesnaes | 30.04 | 66 | NNW | 2 | m | 29.97 | — | 1.4 | 69 | 62 | + | NE | 4 | 0 | 3 | 70 | 51 | — | | |
| Oxö (Århusund) | 30.04 | 70 | SH | 2 | b | 29.99 | — | 0.7 | 67 | 63 | + | N | 1 | 0 | 1 | 70 | 61 | — | | |
| Skagen (The Skaw) | 30.05 | 66 | ESE | 2 | b | 30.00 | — | 0.8 | 70 | 67 | + | SSE | 2 | 0 | 1 | 77 | 64 | — | | |
| Fanö | 30.01 | 70 | ESE | 2 | b | 29.94 | — | 1.2 | 72 | 66 | + | ESE | 4 | 0 | * | 88 | 70 | — | | |
| Cuxhaven | 29.98 | 72 | E | 3 | b | 29.95 | — | 0.9 | 74 | 70 | — | SE | 2 | 0 | * | 81 | 67 | — | | |
| † Sumburgh Head | 30.04 | 60 | E | 3 | b | 29.94 | — | 1.0 | 55 | 54 | — | NE | 5 | 0 | 4 | 63 | 52 | — | | |
| † Stornoway | 29.87 | 66 | E | 3 | b | 29.82 | — | 0.5 | 62 | 57 | + | NNE | 2 | 0 | 1 | 69 | 54 | 0.07 | | |
| Wick | 29.96 | 57 | SE | 1 | 0 | 29.87 | — | 0.9 | 55 | 53 | — | E | 1 | 0 | 0 | 63 | 52 | 0.06 | | |
| Nairn | 29.89 | 64 | Z | 0 | 0 | 29.85 | — | 0.4 | 58 | 46 | — | E | 2 | 0 | 2 | 64 | 56 | 0.23 | | |
| † Aberdeen | 29.94 | 59 | SSE | 1 | 0 | 29.85 | — | 1.2 | 57 | 57 | — | ENE | 1 | 0 | 1 | 68 | 55 | 0.17 | | |
| Leith | 29.83 | 58 | ESE | 1 | 0 | 29.78 | — | 0.8 | 56 | 56 | — | E | 1 | 0 | * | 63 | 53 | 0.78 | | |
| † Shields | 29.86 | 56 | ESE | 2 | c | 29.78 | — | 1.4 | 57 | 57 | + | NE | 1 | 0 | 2 | 61 | 54 | 0.51 | | |
| Spurn Head | 29.85 | 61 | NNW | 2 | c | 29.82 | — | 1.5 | 60 | 57 | — | S | 3 | 0 | 2 | 64 | 58 | 0.56 | | |
| York | 29.82 | 70 | E | 1 | b | 29.79 | — | 1.1 | 60 | 59 | — | S | 1 | 0 | * | 71 | 58 | 0.19 | | |
| Loughborough | 29.82 | 71 | Z | 0 | 0 | 29.81 | — | 0.7 | 61 | 58 | — | SE | 1 | 0 | * | 76 | 52 | 0.02 | | |
| † Ardrossan | 29.83 | 60 | Z | 0 | 0 | 29.79 | — | 0.7 | 58 | 57 | — | Z | 0 | 0 | 0 | 68 | 52 | — | | |
| † Mullaghmore | 29.75 | 57 | Z | 0 | 0 | 29.76 | + | 0.1 | 57 | 57 | — | E | 2 | 0 | 2 | 65 | 56 | 0.27 | | |
| Donaghadee | 29.85 | 56 | SSE | 4 | c | 29.81 | — | 0.5 | 54 | 53 | — | NE | 2 | 0 | 0 | 59 | 46 | — | | |
| Parsonstown | 29.75 | 60 | SSE | 1 | r | 29.70 | — | 0.6 | 57 | 56 | — | NNE | 1 | 0 | * | 65 | 51 | 0.27 | | |
| Barrow-in-Furness | 29.83 | 59 | NNW | 2 | 0 | 29.76 | — | 0.9 | 59 | 58 | — | S | 1 | 0 | 2 | 65 | 52 | — | | |
| † Holyhead | 29.86 | 61 | SSH | 2 | b | 29.77 | — | 1.1 | 58 | 56 | + | E | 1 | 0 | 1 | 64 | 52 | — | | |
| Liverpool (Bidston) | 29.82 | 61 | NN | 2 | 0 | 29.76 | — | 1.0 | 61 | 58 | + | NNW | 1 | 0 | 1 | 67 | 54 | — | | |
| † Valencia | 29.70 | 56 | SH | 2 | rm | 29.73 | + | 0.2 | 61 | 59 | + | NN | 2 | 0 | 2 | 62 | 51 | 0.11 | | |
| Roche's Point | 29.74 | 58 | SSH | 4 | c | 29.70 | — | 0.8 | 55 | 54 | — | NNW | 3 | 0 | 3 | 62 | 51 | 0.25 | | |
| Pembroke | 29.83 | 57 | S | 3 | c | 29.73 | — | 1.3 | 57 | 56 | — | SE | 1 | 0 | 2 | 59 | 54 | 0.09 | | |
| † Scilly | 29.82 | 59 | SW | 5 | c | 29.72 | — | 1.5 | 58 | 56 | — | SW | 1 | 0 | 4 | 65 | 53 | 0.31 | | |
| Prawle Point | 29.90 | 58 | SH | 3 | b | 29.79 | — | 1.2 | 56 | 55 | — | S | 4 | 0 | 4 | 62 | 53 | 0.07 | | |
| Hurst Castle | 29.90 | 61 | SH | 3 | b | 29.84 | — | 1.1 | 57 | 56 | — | S | 2 | 0 | 2 | 68 | 56 | 0.03 | | |
| † Dover | 29.90 | 62 | NNW | 2 | b | 29.85 | — | 0.7 | 59 | 58 | — | NNW | 1 | 0 | 0 | 70 | 59 | 0.12 | | |
| † London | 29.88 | 69 | NNW | 2 | c | 29.86 | — | 0.3 | 58 | 56 | — | Z | 0 | 0 | * | 75 | 56 | 0.02 | | |
| Oxford | 29.87 | 64 | SSH | 2 | b | 29.82 | — | 0.5 | 57 | 55 | — | S | 2 | 0 | 0 | 72 | 52 | — | | |
| Cambridge | 29.87 | 68 | S | 1 | 0 | 29.82 | — | 0.5 | 60 | 57 | — | SE | 1 | 0 | * | 77 | 54 | — | | |
| † Yarmouth | 29.88 | 66 | SSE | 3 | a | 29.80 | — | 0.9 | 62 | 61 | — | Z | 0 | 0 | 2 | 68 | 60 | 0.25 | | |
| The Heider | | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.95 | 63 | SH | 1 | r | 29.89 | — | 0.6 | 61 | 59 | — | Z | 0 | 0 | 0 | 81 | 57 | — | | |
| † Jersey | 29.92 | 62 | Z | 0 | cm | 29.86 | — | 0.7 | 57 | 56 | — | SSH | 3 | 0 | 3 | 67 | 54 | — | | |
| Brest | 29.94 | 59 | SH | 4 | 0 | 29.85 | — | 1.0 | 59 | 56 | + | SH | 5 | 0 | 5 | 64 | 55 | — | | |
| Lorient | 29.93 | 65 | H | 3 | b | 29.89 | — | 0.8 | 60 | 56 | — | N | 5 | 0 | 2 | 72 | 54 | 0.04 | | |
| † Rochefort | 29.99 | 65 | NN | 3 | c | 30.01 | + | 0.3 | 63 | 62 | — | NN | 4 | 0 | 2 | 72 | 57 | 0.16 | | |
| Biarritz | 29.95 | 69 | N | 3 | 0 | 30.01 | — | | 68 | 64 | — | N | 1 | 0 | 2 | 73 | 64 | 0.12 | | |
| Corunna | * | * | * | * | * | | | | * | | | | | | * | * | * | | | |
| Brussels | * | * | * | * | * | 29.86 | — | 1.1 | 73 | 66 | — | SSH | 4 | 0 | * | 87 | 71 | — | | |
| Charleville | | | | | | | | | | | | | | | * | * | * | | | |
| Paris | 30.02 | 74 | SH | 1 | 0 | 29.92 | — | 0.5 | 67 | 64 | — | SE | 1 | 0 | * | * | * | 0.12 | | |
| Lyons | 29.95 | 78 | S | 1 | c | 30.03 | — | 0.1 | 66 | 60 | — | SW | 1 | 0 | * | 85 | 62 | — | | |
| Toulon | 29.95 | 78 | SH | 3 | b | 29.98 | — | 0.4 | 68 | 60 | — | NE | 4 | 0 | 3 | 82 | 61 | — | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.62 | 62 | ESE | 1 | 0 | 28.55 | — | 1.1 | 60 | 58 | — | E | 2 | 0 | 0 | 65 | 54 | 0.12 | | |

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

| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
|---------------|-------|------|------|-------|---|------|------|---------------|-------|------|------|-------|---|------|------|
| Skudesnaes | 30.07 | 69 | 62 | H | 2 | bc | 2 | Valencia ... | 29.71 | 60 | 58 | SH | 3 | cm | 3 |
| Sumburgh Head | 30.04 | 61 | 58 | E | 4 | bc | 3 | Scilly ... | 29.80 | 65 | 61 | SSH | 5 | c | 6 |
| Stornoway ... | 29.88 | 60 | 59 | NNE | 2 | d | 1 | Dover ... | 29.90 | 64 | 61 | SH | 2 | c | 1 |
| Aberdeen | 29.96 | 58 | 57 | SSE | 1 | p | 1 | London ... | 29.87 | 73 | 67 | SH | 1 | o | * |
| Shields ... | 29.88 | 57 | 56 | E | 2 | c | 2 | Yarmouth ... | 29.91 | 66 | 63 | SSE | 2 | b | 2 |
| Ardrossan ... | 29.82 | 67 | 63 | H | 1 | b | 1 | Jersey ... | 29.93 | 64 | 59 | SSH | 2 | c | 2 |
| Mullaghmore | 29.75 | 58 | 55 | SH | 4 | OSP | 3 | Rochefort ... | 30.01 | 66 | 66 | NH | 3 | bc | 2 |
| Holyhead ... | 29.86 | 64 | 57 | S | 2 | b | 3 | | | | | | | | |

The changes reported this afternoon are very slight. The depression noticed off the N. of Ireland at 8 a.m. is apparently moving slowly N.W., but a shallow disturbance still lies over England, & changeable showery weather prevails most part of the Kingdom. Sea is slight at Holyhead, smooth at Dover.

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

DAILY WEATHER REPORT

FOR

THURSDAY 5TH JULY

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
D^o D^o Bookpost 5^s D^o

ROBERT H. SCOTT

(SECRETARY.)

Printed by J. Longfield, Lark 20 Bedford St. London.

WEATHER CHARTS

for 8 a.m. on

THURSDAY 5th JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast; thus — Rough; — High.

MEAN^o HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.857 |
| Stormoway | 29.799 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shetland | 29.873 |
| York | 29.902 |
| Ardrossan | 29.864 |
| Dunaghadan | 29.878 |
| Ballyhead | 29.914 |
| Liverpool | 29.930 |
| Valencia | 29.944 |
| Roches Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.966 |
| Burton Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.941 |
| Cambridge | 29.932 |
| Yarmouth | 29.934 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map.

Temperature. Isotherms are drawn for each 10°

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

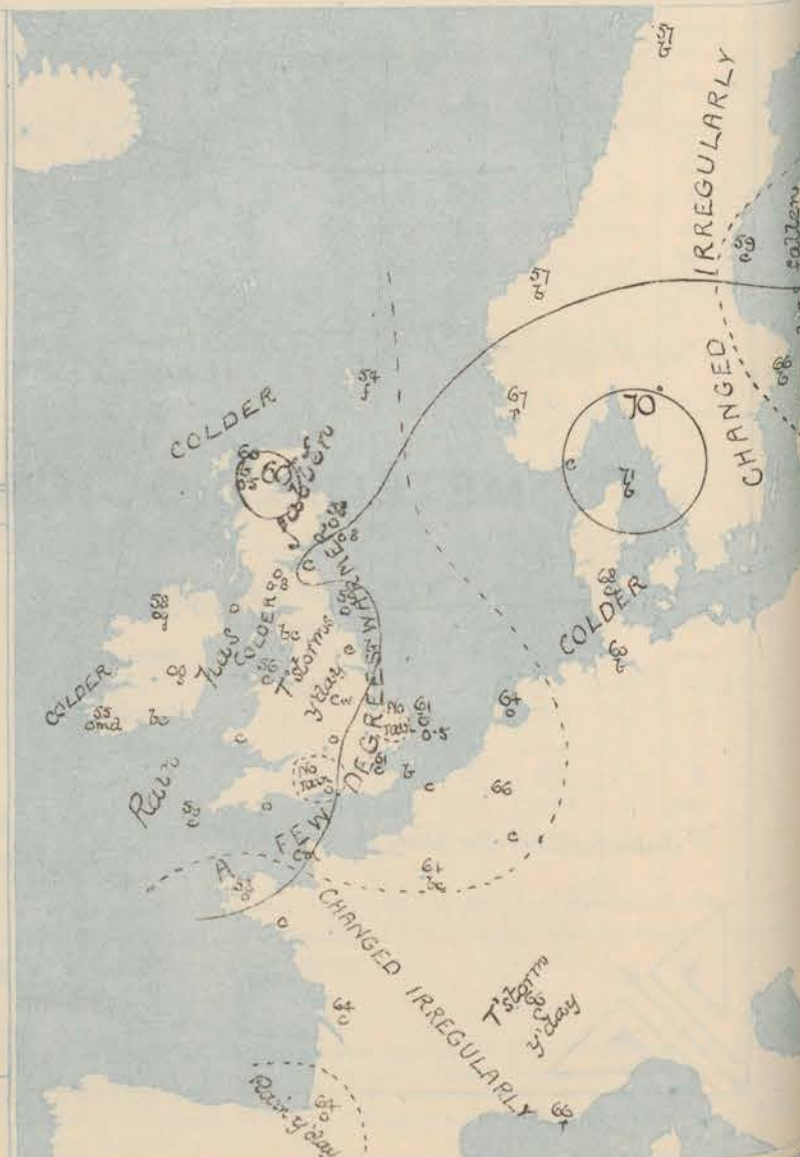
Falls of 0.5 in. or more, are quoted in figures.

MEANS^o OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Stormoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.55 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shetland | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 59.8 | 2.82 |
| Dunaghadan | 57.7 | 2.56 |
| Ballyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.00 |
| Valencia | 59.0 | 3.59 |
| Roches Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Burton Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are then the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1865 to 1880.



REMARKS

for Thursday 5th July 1883 at 8 a.m.

The weather over the United Kingdom remains in a somewhat changeable condition generally, & at present there is no indication of any permanent improvement. Pressure is high (30.0 ins) both in the South of France & over the Northern parts of Scandinavia. It is lowest (29.6 ins) to the westward of Ireland, & subsidiary disturbances are found over Scotland & the Northern parts of the North Sea. Temperature is changing little & irregularly. The maximum readings recorded at our inland stations yesterday ranged from 66° to 70°. Light to moderate breezes prevail over our Islands generally - SE^{ty} in the Northern districts, & SH^{ty} in the South. At Birmm, however, the wind is reported as E^{ty}. Showers of rain have fallen very generally, heavily in the North of England, where thunderstorms have been very prevalent. The weather is still showery in the West, but is fine in the East, & rather cloudy at the Midland Stations. The Sea is rather rough in the Channel, moderate at our Western Stations, smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

6th July

(ISSUED AT 11 a.m. on previous day)

| DISTRICTS | FORECASTS | DISTRICTS | FORECASTS |
|--------------------|---|----------------------|--|
| 1 SCOTLAND NORTH | SE ^{ty} breezes, moderate, showery | 6 SCOTLAND WEST | SE ^{ty} breezes, moderate, some showers |
| 2 SCOTLAND EAST | -----D-----D-----D----- | 7 ENGLAND N.W. | -----D-----D-----D----- |
| 3 ENGLAND N.E. | Wind backing to S or SE; fine and warm at first, less settled later | 8 ENGLAND S.W. | Same as N ^{os} 2 and 3 |
| 4 ENGLAND EAST | -----D-----D-----D----- | 9 IRELAND NORTH | Wind falling light; showery to fair |
| 5 MIDLAND COUNTIES | Very light S ^{ty} breezes; fair on the whole, warm | 10 IRELAND SOUTH | -----D-----D-----D----- |
| 6 ENGLAND SOUTH | Same as N ^{os} 2 and 3 | WARNINGS NONE ISSUED | |

METEOROLOGICAL OBSERVATIONS FOR 5th JULY

1883

| † 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 Rain. | |
| Haparanda | 29.03 | 57 | NE | 2 | b | 29.99 | — 10 | 54 | 46 | — | 0 | N | 6 | c | * | 61 | 45 | — |
| Hernösand | 29.99 | 58 | S | 2 | b | 30.01 | — 06 | 59 | 54 | — | 0 | E | 2 | c | * | 66 | 52 | 0.12 |
| Stockholm | 29.88 | 62 | SE | 2 | o | 29.91 | — 12 | 66 | 58 | — | 1 | ENE | 4 | b | * | 81 | 61 | 0.04 |
| Wisby | 29.88 | 66 | SSW | 2 | bc | 29.85 | — 20 | 65 | 62 | + | 5 | ESE | 2 | o | * | 75 | 57 | 0.32 |
| Bodö | 29.04 | 56 | N | 2 | b | 30.00 | — 09 | 57 | 52 | + | 3 | NNE | 2 | b | 1 | 61 | 48 | — |
| Christiansund | 29.97 | 55 | NE | 5 | b | 29.85 | — 17 | 57 | 53 | — | 0 | NE | 4 | b | 2 | 59 | 48 | — |
| † Skudesnaes | 29.83 | 70 | NNE | 2 | a | 29.78 | — 19 | 67 | 63 | — | 2 | E | 2 | r | 2 | 79 | ? | — |
| Oxö (Xtiansund) | 29.86 | 75 | E | 1 | m | 29.80 | — 19 | 70 | 66 | + | 3 | ESE | 1 | c | 1 | 82 | 63 | — |
| Skagen (The Skaw) | 29.86 | 71 | Z | 0 | b | 29.82 | — 18 | 71 | 68 | + | 1 | Z | 0 | b | 0 | 84 | 66 | — |
| Fanö | 29.80 | 72 | W | 2 | c | 29.87 | — 07 | 68 | 63 | — | 4 | W | 4 | c | * | 86 | 64 | — |
| Cuxhaven | 29.84 | 73 | ESE | 1 | t | 29.94 | — 04 | 69 | 66 | — | 5 | WNW | 3 | b | * | 81 | 65 | — |
| † Sumburgh Head | 29.83 | 57 | NE | 5 | b | 29.75 | — 19 | 54 | 53 | — | 1 | NE | 5 | f | 5 | 60 | 52 | 0.01 |
| † Stornoway | 29.70 | 56 | NE | 5 | omv | 29.66 | — 16 | 60 | 57 | — | 2 | ESE | 4 | b | 4 | 65 | 53 | 0.45 |
| Wick | 29.75 | 55 | NE | 2 | f | 29.71 | — 15 | 54 | 54 | — | 1 | E | 1 | f | 1 | 57 | 52 | 0.22 |
| Nairn | 29.70 | 60 | Z | 0 | r | 29.69 | — 16 | 64 | 59 | + | 6 | Z | 0 | b | 1 | 64 | 53 | 0.44 |
| † Aberdeen | 29.75 | 56 | Z | 0 | rf | 29.74 | — 11 | 58 | 57 | + | 1 | S | 1 | o | 1 | 60 | 52 | 0.80 |
| Leith | 29.65 | 56 | E | 1 | c | 29.71 | — 07 | 63 | 57 | + | 7 | SW | 1 | c | * | 63 | 52 | 0.64 |
| † Shields | 29.71 | 62 | S | 3 | o | 29.76 | — 02 | 59 | 57 | + | 2 | SW | 2 | c | 2 | 62 | 50 | 0.01 |
| Spurn Head | 29.77 | 56 | ESE | 3 | c | 29.85 | — 03 | 60 | 57 | — | 0 | SSW | 4 | b | 2 | 64 | 54 | 0.05 |
| York | 29.73 | 62 | SSE | 2 | c | 29.79 | — 00 | 58 | 56 | — | 2 | S | 2 | c | * | 63 | 50 | 0.11 |
| Loughborough | 29.76 | 60 | SSW | 3 | bc | 29.83 | — 02 | 58 | 55 | — | 3 | SSE | 3 | cu | * | 69 | 52 | 0.14 |
| † Ardrossan | 29.63 | 60 | Z | 0 | o | 29.69 | — 10 | 57 | 55 | — | 1 | SE | 2 | o | 1 | 65 | 53 | 0.81 |
| † Mullaghmore | 29.78 | 60 | WNW | 2 | og | 29.56 | — 20 | 58 | 55 | + | 1 | SE | 4 | og | 2 | 63 | 56 | 0.01 |
| Donaghadee | 29.67 | 58 | N | 4 | c | 29.67 | — 14 | 55 | 55 | + | 1 | S | 3 | v | 1 | 63 | 52 | 0.08 |
| Parsonstown | 29.68 | 56 | NNW | 1 | bc | 29.64 | — 04 | 59 | 56 | + | 2 | S | 1 | og | * | 62 | 53 | 0.32 |
| Barrow-in-Furness | 29.68 | 60 | WSW | 4 | c | 29.71 | — 05 | 56 | 55 | — | 3 | SE | 4 | bc | 2 | 64 | 54 | 0.04 |
| † Holyhead | 29.71 | 57 | ESE | 1 | c | 29.72 | — 05 | 56 | 56 | — | 2 | SSW | 4 | c | 4 | 61 | 56 | 0.27 |
| Liverpool (Bidston) | 29.70 | 59 | SH | 1 | c | 29.74 | — 02 | 58 | 56 | — | 3 | SSE | 2 | c | 2 | 64 | 53 | 0.14 |
| † Valencia | 29.75 | 61 | NW | 3 | bc | 29.67 | — 06 | 55 | 55 | — | 6 | SW | 4 | omd | 4 | 64 | 53 | 0.37 |
| Roche's Point | 29.69 | 57 | SH | 3 | c | 29.69 | — 01 | 58 | 58 | + | 3 | WSW | 3 | bc | 4 | 61 | 52 | 0.18 |
| Pembroke | 29.72 | 57 | SW | 2 | bc | 29.74 | — 01 | 56 | 54 | — | 1 | SW | 3 | cp | 3 | 61 | 54 | 0.10 |
| † Scilly | 29.80 | 60 | WSW | 5 | cp | 29.82 | — 10 | 59 | 56 | + | 1 | SW | 5 | o | 5 | 61 | 54 | 0.22 |
| Prawle Point | 29.83 | 57 | SW | 4 | b | 29.87 | — 08 | 58 | 56 | + | 2 | SSW | 4 | o | 5 | 60 | 52 | 0.13 |
| Hurst Castle | 29.84 | 60 | WSW | 6 | bc | 29.90 | — 06 | 58 | 56 | + | 1 | SW | 5 | o | 4 | 64 | 56 | — |
| † Dover | 29.87 | 60 | SW | 3 | b | 29.93 | — 08 | 63 | 58 | + | 4 | SW | 3 | b | 1 | 65 | 57 | 0.02 |
| † London | 29.84 | 63 | S | 2 | bc | 29.90 | — 04 | 61 | 56 | + | 3 | SSW | 3 | c | * | 70 | 52 | 0.04 |
| Oxford | 29.80 | 58 | S | 3 | b | 29.86 | — 04 | 60 | 57 | + | 3 | S | 2 | o | * | 66 | 55 | 0.01 |
| Cambridge | 29.79 | 63 | S | 2 | b | 29.87 | — 06 | 62 | 57 | + | 2 | S | 2 | bc | * | 70 | 50 | — |
| † Yarmouth | 29.80 | 64 | SSE | 3 | b | 29.89 | — 03 | 61 | 57 | — | 1 | SW | 4 | b | 2 | 64 | 53 | 0.20 |
| The Helder | 29.87 | 66 | SW | 3 | o | 29.94 | — 04 | 64 | 58 | — | 5 | SW | 1 | c | 1 | 75 | 61 | 0.39 |
| Cape Gris Nez | ? | 64 | WSW | 5 | b | 29.97 | — 08 | 59 | 56 | — | 2 | SSW | 3 | c | 1 | 66 | 57 | 0.12 |
| † Jersey | 29.90 | 59 | W | 3 | bc | 29.94 | — 08 | 59 | 57 | — | 2 | SW | 3 | cm | 3 | 65 | 54 | 0.01 |
| Brest | 29.88 | 61 | W | 5 | c | 29.93 | — 08 | 58 | 56 | — | 1 | WSW | 5 | o | 4 | 63 | 57 | — |
| Lorient | 29.92 | 62 | WNW | 7 | bc | 29.94 | — 05 | 61 | 59 | + | 1 | W | 4 | o | 2 | 68 | 54 | — |
| † Rochefort | 30.06 | 66 | WNW | 5 | a | 30.03 | — 02 | 64 | 62 | + | 1 | S | 3 | c | 2 | 78 | 54 | — |
| Biarritz | 30.05 | 65 | NW | 4 | c | 29.98 | — 03 | 64 | 62 | — | 4 | E | 3 | o | 2 | 70 | 59 | 0.35 |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels | * | * | * | * | * | 29.95 | — 09 | 66 | 60 | — | 7 | SSW | 1 | bc | * | 80 | 59 | 0.04 |
| Charleville | 29.94 | 70 | W | 5 | bc | 29.98 | — 02 | 62 | 57 | — | 7 | WSW | 4 | o | * | 80 | 55 | 0.12 |
| Paris | 29.96 | 72 | SW | 4 | bc | 29.98 | — 06 | 64 | 59 | — | 3 | SW | 1 | bc | * | * | * | 0.04 |
| Lyons | 29.96 | 74 | N | 1 | o | 29.99 | — 04 | 66 | 64 | — | 0 | N | 1 | c | * | 82 | 62 | — |
| Toulon | 30.10 | 70 | SSE | 1 | bc | 30.10 | — 12 | 66 | 63 | — | 2 | E | 1 | r | 1 | 77 | 63 | — |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.44 | 52 | SE | 2 | r | 28.84 | — 01 | 58 | 54 | — | 2 | SE | 2 | b | * | 66 | 49 | 0.56 |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|------|----|----|---|---|----|---|---|----|----|------|
| Hawes Junction | 28.49 | 52 | SE | 2 | r | 28.54 | — 01 | 57 | 54 | — | 2 | SE | 2 | b | 66 | 49 | 0.56 |
|----------------|-------|----|----|---|---|-------|------|----|----|---|---|----|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. |
|---------------|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| Skudesnaes | 29.92 | 78 | 64 | NE | 1 | o | 2 | Valencia | 29.75 | 62 | 60 | NW | 3 | og | 4 |
| Sumburgh Head | 29.89 | 59 | 56 | NE | 5 | o | 5 | Scilly | 29.79 | 60 | 59 | WSW | 4 | cp | 4 |
| Stornoway | 29.78 | 64 | 61 | NE | 3 | b | 2 | Dover | 29.85 | 63 | 59 | WSW | 3 | b | 1 |
| Aberdeen | 29.80 | 58 | 57 | Z | 0 | f | 1 | London | 29.81 | 68 | 60 | SW | 3 | c | ? |
| Shields | 29.75 | 59 | 56 | SSE | 2 | o | 2 | Yarmouth | 29.80 | 61 | 61 | SSE | 3 | r | 2 |
| Ardrossan | 29.70 | 62 | 59 | NW | 2 | o | 1 | Jersey | 29.87 | 64 | 61 | WSW | 3 | c | 3 |
| Mullaghmore | 29.71 | 60 | 57 | ESE | 5 | og | 3 | Rochefort | 30.05 | 70 | 65 | WNW | 5 | o | 2 |
| Holyhead | 29.75 | 57 | 55 | E | 1 | clr | 1 | | | | | | | | |

The barometer is rising a little on our SW. coast, and also in the N. of France, but continues to fall elsewhere. winds are not materially changed, and showery weather is reported from several stations, while a thunderstorm is progressing at Holyhead.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and
 and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

FRIDAY 6TH JULY

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116 *Victoria St.* LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter
D^o D^o Bookpost 5^s/ D^o

ROBERT H. SCOTT

(SECRETARY)-

WEATHER CHARTS

for 8 a.m. on

FRIDAY 6th JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each inch of an inch.

Changes in height of barometer 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 by shading round the coast;

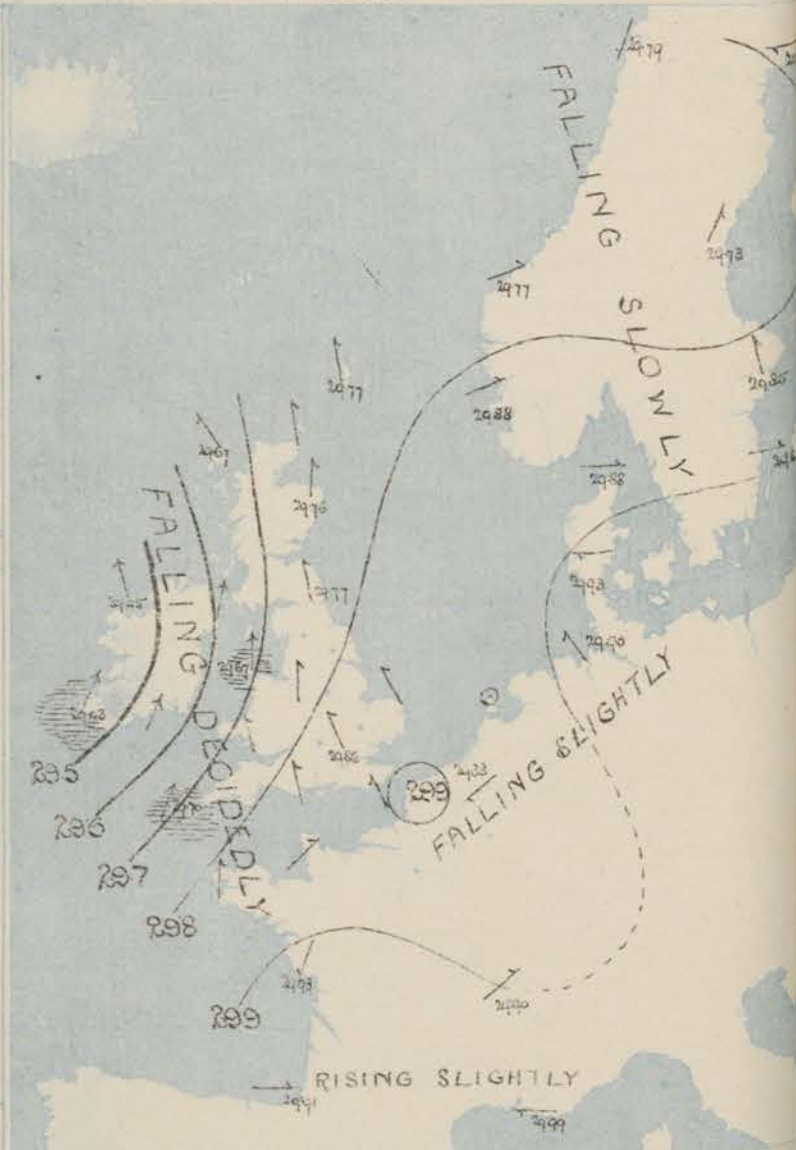
— Rough; — High.

MEAN^o HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.873 |
| Sarnoway | 29.790 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Inch | 29.848 |
| Shielda | 29.873 |
| York | 29.902 |
| Ardrasson | 29.864 |
| Donaghadee | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.870 |
| Valencia | 29.944 |
| Roche's Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.966 |
| Harst. Castle | 29.961 |
| Dover | 29.969 |
| LONDON | 29.965 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Farmouth | 29.934 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

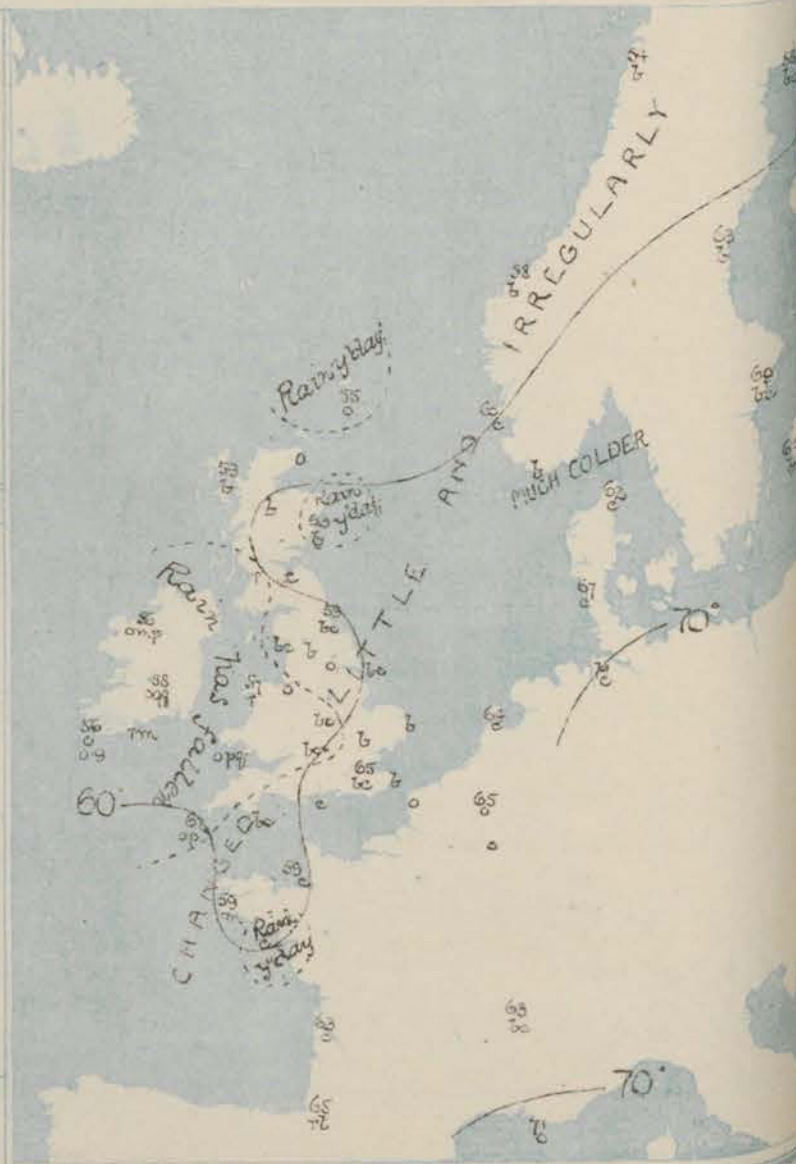
Falls of 0.5 in. or more, are quoted in figures.

MEANS^o OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of July.

| Stations. | Temp. | Rainfall. |
|----------------|-------|-----------|
| Sumburgh Head. | 53.7 | 2.06 |
| Sarnoway | 56.4 | 1.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.9 | 2.53 |
| Aberdeen | 57.2 | 2.60 |
| Inch | 59.1 | 2.62 |
| Shielda | 58.2 | 2.66 |
| York | 59.7 | 2.41 |
| Ardrasson | 57.8 | 2.42 |
| Donaghadee | 61.7 | 2.46 |
| Holyhead | 58.3 | 2.39 |
| Liverpool | 59.3 | 2.01 |
| Valencia | 59.0 | 3.09 |
| Roche's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.42 |
| Sally | 60.3 | 1.96 |
| Harst. Castle | 61.7 | 2.31 |
| Dover | 62.0 | 1.92 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Farmouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are from the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1868 to 1882.



REMARKS

for Friday 6th July 1883 at 8 a.m.

In the course of the past night the depression noticed off the west of Ireland yesterday has been joined by a new and somewhat deeper disturbance, so that the barometer is still falling at all our Western & Southern Stations. In the East and North, however, it is rising slowly.

Strong Sth breezes are reported on our Western coasts, but elsewhere the wind is light or moderate from the SEth. The weather is fine at all the more Northern & Eastern stations, but

dull & showery in the West. Rain fell yesterday over Ireland & the Western & Northern parts of England - the amount at Valencia being as much as 0.9 in. Temperature ranges from 65° in London & 65° at Aberdeen & Litch to 55° at Lumborough Head & Wick.

The highest maxima registered yesterday were 71° at Nauru & Cambridge, & 70° in London. The sea is rough at Holyhead, Valencia & Scilly, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

7th July

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | SE and S th winds, moderate; cloudy, some rain |
| 2 SCOTLAND EAST | S th winds, light or moderate; fair on the whole |
| 3 ENGLAND N.E. | D° D° D° |
| 4 ENGLAND EAST | Same as N° 5 |
| 5 MIDLAND COUNTIES | Same as N° 5 |
| 6 ENGLAND SOUTH | SE and S th winds, light; fine to cloudy and unsettled; thunderstorms locally at night |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | SE and S th winds, moderate, some showers |
| 7 ENGLAND N.W. | D° D° D° |
| 8 ENGLAND S.W. | S th winds fresh or strong; cloudy; rain at times |
| 9 IRELAND NORTH | D° D° D° |
| 10 IRELAND SOUTH | D° D° D° |

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 6TH JULY

1883

| STATIONS. | YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------------------|------|----------|----------------------------------|-----------------------------------|------|-------------|-----------------------------------|-------------------|-------|------|----------|----------------|-------------|----------------|---------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Force. (0 to 12). | Dir. | | | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Force. (0 to 12). | Dir. | Max. | | | Min. | | | |
| Haparanda | 29.86 | 53 | Z | 0 | b | 29.82 | - .17 | 56 | 48 | + | 2 | E | 4 | bc | * | 60 | 41 | - | |
| Hernösand | 29.86 | 60 | S | 4 | b | 29.73 | - .28 | 63 | 56 | + | 4 | SW | 2 | b | * | 70 | 51 | - | |
| Stockholm | 29.93 | 62 | S | 2 | b | 29.85 | - .06 | 69 | 62 | + | 3 | S | 2 | bc | * | 75 | 61 | - | |
| Wisby | 29.91 | 59 | E | 4 | b | 29.89 | + | 65 | 58 | 0 | | W | 2 | b | * | 75 | 57 | - | |
| Bodö | 29.88 | 57 | N | 2 | b | 29.79 | - .24 | 54 | 50 | - | 3 | NNE | 2 | b | 1 | 63 | 46 | - | |
| Christiansund | 29.76 | 59 | N | 2 | b | 29.77 | - .08 | 58 | 54 | + | 1 | WSW | 2 | b | 1 | 66 | 52 | - | |
| Skudesnäs | 29.85 | 61 | N | 2 | o | 29.88 | + | 60 | 56 | - | 7 | WSW | 2 | c | 2 | 70 | 61 | - | |
| Oxö (Xtiansund) | 29.82 | 64 | WSW | 6 | o | 29.84 | + | 61 | 57 | - | 9 | N | 6 | b | 2 | 75 | 59 | - | |
| Skagen (The Skaw) | 29.84 | 62 | N | 3 | o | 29.88 | + | 62 | 57 | - | 9 | W | 3 | c | 3 | 75 | 55 | - | |
| Fanö | 29.42 | 58 | Z | 0 | b | 29.93 | + | 67 | 62 | - | 1 | E | 2 | c | * | 70 | 52 | - | |
| Cuxhaven | 29.97 | 70 | N | 2 | b | 29.93 | + | 70 | 67 | + | 1 | SE | 2 | c | * | 75 | 57 | - | |
| Samburgh Head | 29.75 | 54 | NE | 3 | f | 29.77 | + | 55 | 55 | + | 1 | SSE | 4 | o | 4 | 55 | 50 | 0.11 | |
| Stornoway | 29.68 | 63 | NE | 1 | b | 29.67 | + | 59 | 56 | - | 1 | SE | 1 | b | 0 | 69 | 57 | - | |
| Wick | 29.72 | 58 | SE | 1 | bc | 29.73 | + | 55 | 53 | + | 1 | SSE | 1 | c | 0 | 64 | 52 | - | |
| Nairn | 29.70 | 60 | Z | 0 | b | 29.71 | + | 62 | 58 | - | 2 | W | 1 | b | 0 | 71 | 55 | - | |
| Aberdeen | 29.74 | 60 | SSE | 1 | b | 29.76 | + | 63 | 58 | + | 5 | S | 1 | b | 1 | 67 | 50 | - | |
| Leith | 29.71 | 61 | S | 1 | c | 29.73 | + | 63 | 58 | 0 | | SE | 1 | c | * | 66 | 48 | 0.01 | |
| Shields | 29.76 | 65 | SW | 3 | c | 29.77 | + | 59 | 56 | 0 | | SSE | 2 | bc | 2 | 65 | 52 | - | |
| Spurn Head | 29.83 | 63 | SSW | 3 | bc | 29.85 | .00 | 60 | 57 | 0 | | SSW | 3 | bc | 2 | 67 | 56 | - | |
| York | 29.79 | 61 | S | 1 | c | 29.82 | + | 57 | 55 | - | 1 | S | 1 | o | * | 69 | 52 | - | |
| Loughborough | 29.82 | 64 | SSE | 3 | c | 29.83 | .00 | 60 | 57 | + | 2 | SSE | 2 | bc | * | 67 | 53 | 0.08 | |
| Ardrossan | 29.79 | 60 | S | 1 | bc | 29.67 | - .02 | 56 | 56 | - | 1 | ESE | 3 | r | 2 | 64 | 53 | 0.12 | |
| Mullaghmore | 29.55 | 56 | SSW | 4 | rg | 29.45 | - .11 | 56 | 54 | - | 2 | SSE | 5 | ogpm | 4 | 62 | 54 | 0.05 | |
| Donaghadee | 29.67 | 57 | S | 5 | bc | 29.63 | - .04 | 55 | 55 | 0 | | SSW | 5 | o | 3 | 59 | 52 | 0.08 | |
| Parsonstown | 29.61 | 58 | S | 1 | o | 29.49 | - .15 | 58 | 56 | - | 1 | S | 2 | ogp | * | 64 | 53 | 0.31 | |
| Barrow-in-Furness | 29.75 | 61 | S | 2 | c | 29.73 | + | 58 | 55 | + | 2 | SE | 4 | bc | 3 | 65 | 55 | - | |
| Holyhead | 29.71 | 57 | ESE | 1 | c | 29.67 | - .05 | 57 | 55 | + | 1 | S | 6 | or | 5 | 62 | 56 | 0.17 | |
| Liverpool (Bidston) | 29.77 | 62 | SW | 2 | c | 29.73 | - .01 | 62 | 58 | + | 4 | SSE | 3 | c | 3 | 67 | 55 | 0.03 | |
| Valencia | 29.62 | 54 | SSE | 6 | rmg | 29.43 | - .24 | 56 | 56 | + | 1 | SSW | 7 | rmg | 6 | 57 | 53 | 0.88 | |
| Roche's Point | 29.64 | 58 | SW | 4 | c | 29.53 | - .16 | 56 | 55 | - | 2 | SSW | 5 | rm | 4 | 62 | 53 | 0.25 | |
| Pembroke | 29.75 | 56 | SSW | 4 | r | 29.68 | - .06 | 56 | 55 | 0 | | SSE | 4 | ogp | 4 | 59 | 55 | 0.21 | |
| Scilly | 29.77 | 58 | SSW | 4 | op | 29.70 | - .07 | 62 | 60 | + | 3 | SSW | 5 | op | 5 | 62 | 55 | 0.34 | |
| Prawle Point | 29.57 | 57 | SSW | 3 | o | 29.87 | - .06 | 59 | 57 | + | 1 | SSE | 4 | bc | 4 | 60 | 54 | - | |
| Hurst Castle | 29.89 | 60 | SW | 4 | c | 29.83 | - .07 | 61 | 56 | + | 3 | SSE | 4 | c | 3 | 63 | 56 | - | |
| Dover | 29.91 | 60 | WSW | 2 | b | 29.87 | - .06 | 60 | 56 | - | 3 | SSE | 2 | b | 1 | 65 | 52 | - | |
| London | 29.89 | 64 | SSW | 3 | b | 29.86 | - .04 | 65 | 58 | + | 4 | SE | 1 | bc | * | 70 | 57 | - | |
| Oxford | 29.87 | 60 | SW | 3 | bc | 29.83 | - .03 | 62 | 57 | + | 2 | S | 2 | bc | * | 67 | 55 | 0.03 | |
| Cambridge | 29.85 | 63 | SW | 1 | b | 29.88 | - .02 | 62 | 58 | 0 | | SW | 1 | b | * | 71 | 50 | - | |
| Yarmouth | 29.88 | 63 | SSE | 5 | b | 29.88 | - .01 | 60 | 57 | - | 1 | SE | 1 | b | 2 | 64 | 53 | - | |
| The Helder | 29.92 | 64 | NNW | 1 | bc | 29.88 | - .06 | 64 | 60 | 0 | | NNW | 1 | c | 1 | 66 | 63 | - | |
| Cape Gris Nez | 29.95 | 60 | SW | 3 | b | 29.92 | - .03 | 62 | 56 | + | 3 | Z | 0 | o | 0 | 68 | 52 | - | |
| Jersey | 29.89 | 61 | S | 1 | cg | 29.84 | - .10 | 59 | 59 | 0 | | WSW | 2 | ogm | 2 | 64 | 57 | - | |
| Brest | 29.88 | 59 | SSW | 4 | r | 29.83 | - .10 | 59 | 57 | + | 1 | S | 4 | bc | 3 | 61 | 57 | - | |
| Lorient | 29.93 | 63 | SW | 4 | bc | 29.83 | - .11 | 60 | 58 | - | 1 | SW | 4 | c | 1 | 68 | 55 | 0.08 | |
| Rochefort | 29.98 | 65 | NN | 4 | o | 29.93 | - .10 | 63 | 61 | - | 1 | NNE | 3 | o | 2 | 72 | 55 | - | |
| Biarritz | 29.88 | 67 | N | 4 | c | 29.91 | - .07 | 65 | 63 | + | 1 | W | 3 | rt | 2 | 73 | 61 | - | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels | * | * | * | * | * | 29.88 | - .07 | 65 | 60 | - | 1 | NE | 1 | o | * | 78 | 58 | - | |
| Charleville | 29.95 | 64 | S | 4 | bc | 29.88 | - .10 | 65 | 60 | + | 3 | S | 4 | o | * | 67 | 63 | - | |
| Paris | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Lyons | 29.90 | 71 | S | 1 | o | 29.90 | - .09 | 83 | 61 | - | 3 | SW | 1 | bc | * | 80 | 59 | - | |
| Toulon | 29.98 | 73 | SE | 5 | o | 29.99 | - .11 | 71 | 67 | + | 5 | E | 4 | o | 2 | 73 | 66 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.55 | 58 | S | 1 | bc | 29.75 | + | 58 | 55 | 0 | | SW | 2 | b | * | 60 | 46 | 0.11 | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|----|-------|-------|----|----|---|----|---|---|---|----|----|------|
| Hawes Junction | 28.55 | 58 | S | 1 | bc | 28.75 | + .24 | 58 | 55 | 0 | SW | 2 | b | * | 60 | 46 | 0.11 |
|----------------|-------|----|---|---|----|-------|-------|----|----|---|----|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | |
|-------------------|-------|------|------|-------|------|------|--------------|-------|------|------|-------|------|------|---|
| Skudesnæs ... | 29.82 | 65 | 62 | W | 2 | o | Valencia ... | 29.63 | 55 | 54 | SW | 4 | rmg | 5 |
| Samburgh Head ... | 29.77 | 54 | 54 | NE | 4 | f | Scilly ... | 29.80 | 59 | 55 | SSW | 4 | r | 5 |
| Stornoway ... | 29.69 | 65 | 59 | NE | 3 | b | Dover .. | 29.93 | 64 | 59 | SW | 3 | b | 2 |
| Aberdeen ... | 29.75 | 63 | 58 | SSE | 2 | b | London | 29.87 | 67 | 58 | SSE | 3 | c | * |
| Shields ... | 29.77 | 58 | 56 | E | 2 | c | Yarmouth | 29.89 | 63 | 60 | SSE | 5 | b | 3 |
| Ardrossan ... | 29.69 | 61 | 57 | SSW | 2 | c | Jersey .. | 29.93 | 63 | 59 | SE | 2 | o | 2 |
| Mullaghmore ... | 29.55 | 60 | 56 | SSW | 4 | og | Rochefort | 30.04 | 68 | 66 | NNW | 1 | o | 1 |
| Holyhead ... | 29.74 | 60 | 56 | SSW | 5 | c | | | | | | | | |

Very little change has taken place since the morning. The barometer is falling slightly in the W. and S. but is almost stationary in the E. The wind has backed to SSE. in London and at Yarmouth, but fair weather reported from all stations excepting Valencia & Scilly, where rain is falling.

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; o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SATURDAY 7TH JULY

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s per quarter
D^o D^o Bookpost 5^s D^o

ROBERT H. SCOTT

(SECRETARY).

WEATHER CHARTS

for 8 a.m. on

SATURDAY 7th JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each inch of air inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent 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 1 to 4.

○ - dead calm.

Sea Disturbance, where considerable is shown by shading round the coast, thus - Rough - High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations. | Mean Readings. |
|---------------|----------------|
| Sumburgh Head | 29.827 |
| Sornoway | 29.790 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.820 |
| Leith | 29.848 |
| Shetland | 29.853 |
| York | 29.802 |
| Ardrossan | 29.884 |
| Dunghadue | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Rock's Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.968 |
| Harst Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.947 |
| Cambridge | 29.937 |
| Warrington | 29.934 |

* These means are for the 10 years (1871 to 1880).

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

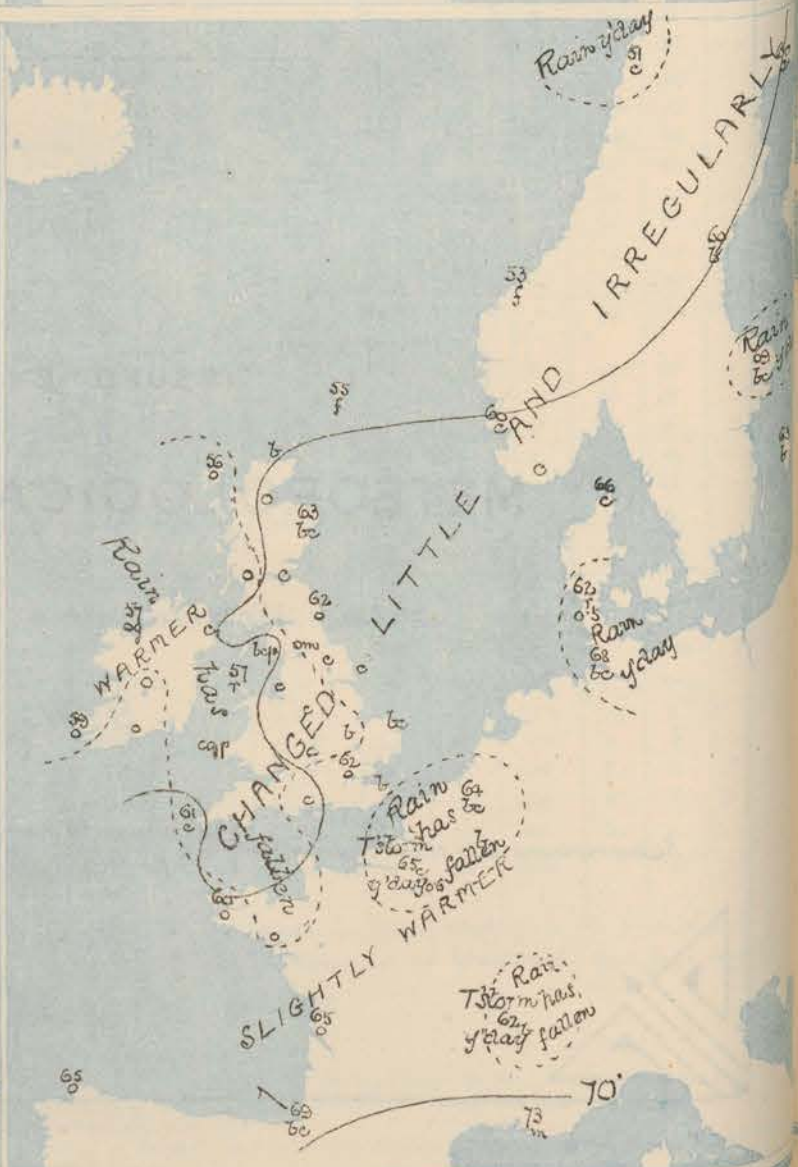
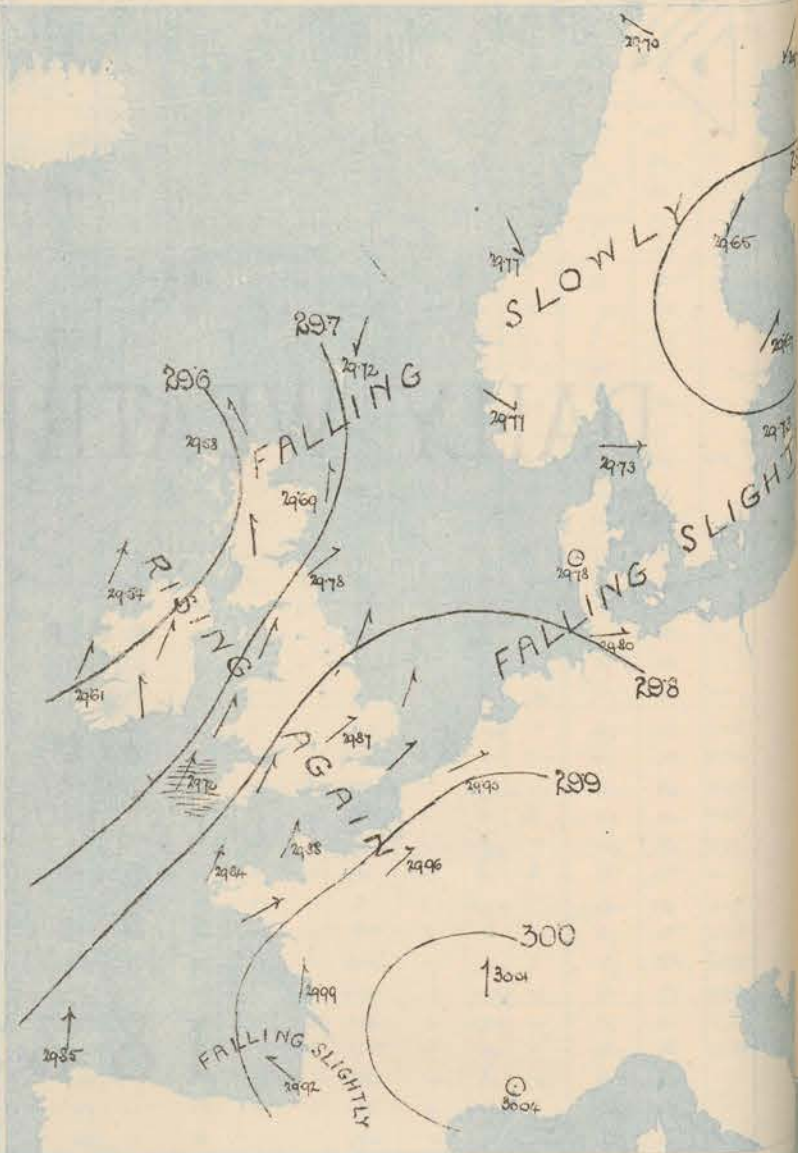
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 58.7 | 2.06 |
| Sornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.79 |
| Nairn | 57.4 | 2.65 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.7 | 2.62 |
| Shetland | 58.0 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 59.8 | 2.82 |
| Dunghadue | 61.7 | 2.66 |
| Holyhead | 58.3 | 2.79 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Rock's Point | 58.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Harst Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.9 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Warrington | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1868 to 1882.



REMARKS

for Saturday 7th July 1883 at 8 a.m.

The depression noticed off the W. of Ireland yesterday has travelled slowly in a NNE^{ly} direction, & a recovery of pressure has consequently taken place at all our Nth & Sth stations. In the N. & NE the barometer still falls slightly. Sth & Sth breezes are reported from all but our extreme Nth coasts where the wind is SE^{ly}. The weather remains fine in the E. & SE generally, but cloudy in the W., with steady rain at Holyhead, & showers at Barrow in Lancashire & Pembroke. In the course of the past 24 hours showers have fallen over most parts of England, Ireland & the W. of Scotland. Thunderstorms occurred in Paris & at Lyons yesterday. Temperature has risen a little in Ireland & France, but changed irregularly elsewhere; readings now range from 64° at Dover, Cambridge & Yarmouth to 55° at Lumburgh Hth. The maximum in London yesterday was 74°. The sea is rather rough at Sth, slight or smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon

on the

8th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | SE th winds, moderate; cloudy, some rain |
| 2 SCOTLAND EAST | S th and SE th winds, light; changeable, some rain |
| 3 ENGLAND NE | — D th — D th — D th — |
| 4 ENGLAND EAST | Same as N. 5 |
| 5 MIDLAND COUNTIES | S th and SE th winds, light; cloudy, showery. |
| 6 ENGLAND SOUTH | SE th winds, moderate; fair on the whole, but probably some showers. |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | S th and SE th winds, light; cloudy, showery |
| 7 ENGLAND H.W. | — D th — D th — D th — |
| 8 ENGLAND S.W. | SE th winds, moderate; cloudy, showery |
| 9 IRELAND NORTH | S th and SE th winds, fresh; changeable, some rain |
| 10 IRELAND SOUTH | — D th — D th — D th — |
| WARNINGS | NONE ISSUED |

METEOROLOGICAL OBSERVATIONS FOR 7TH JULY 1883

| 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. | Dry. | Wet. | Difference from 8 a.m. yesterday. | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dir. | Force. (0 to 12). | | | | | | | | | Dir. | Force. (0 to 12). | | | Max. | Min. | |
| Haparanda | 29.76 | 53 | Z | 0 | c | 29.75 | - | 07 | 60 | 49 | + | 4 | NE | 4 | c | * | 61 | 45 | - |
| Hernösand | 29.69 | 59 | NE | 2 | c | 29.65 | - | 08 | 60 | 56 | - | 3 | NE | 2 | bc | * | 77 | 52 | - |
| Stockholm | 29.70 | 62 | SW | 2 | o | 29.67 | - | 18 | 69 | 64 | - | 0 | SW | 2 | c | * | 79 | 55 | - |
| Wisby | 29.76 | 64 | SW | 4 | b | 29.73 | - | 16 | 63 | 59 | - | 2 | W | 4 | b | * | 75 | 54 | - |
| Bodö | 29.77 | 50 | SW | 2 | c | 29.70 | - | 09 | 51 | 50 | - | 3 | ESE | 2 | c | 1 | 54 | 46 | 0.04 |
| Christiansund | 29.85 | 54 | N | 1 | f | 29.77 | - | 00 | 53 | 52 | - | 5 | NW | 1 | f | 1 | 71 | 50 | - |
| †Skudesnes | 29.85 | 51 | WNW | 2 | b | 29.77 | - | 11 | 60 | 57 | - | 0 | WNW | 2 | c | 2 | 64 | ? | - |
| Oxö (Xiänsund) | 29.78 | 62 | SW | 4 | bc | 29.73 | - | 11 | 60 | 57 | - | 1 | SW | 6 | c | 3 | 64 | 57 | - |
| Skagen (The Skaw) | 29.79 | 61 | W | 5 | b | 29.73 | - | 15 | 66 | 59 | + | 4 | W | 5 | c | 3 | 68 | 55 | - |
| Fanö | 29.81 | 68 | SSE | 2 | c | 29.78 | - | 15 | 62 | 61 | - | 5 | E | 1 | r | * | 77 | 61 | 0.47 |
| Cuxhaven | 29.84 | 69 | ESE | 3 | o | 29.80 | - | 13 | 68 | 67 | - | 2 | W | 2 | bc | * | 73 | 60 | 0.30 |
| †Sumburgh Head | 29.75 | 55 | NE | 2 | o | 29.72 | - | 05 | 55 | 55 | - | 0 | NNE | 2 | f | 3 | 60 | 50 | - |
| †Stornoway | 29.61 | 59 | ENE | 1 | r | 29.58 | - | 09 | 50 | 54 | - | 3 | SE | 4 | o | 3 | 65 | 53 | 0.04 |
| Wick | 29.66 | 50 | S | 4 | bc | 29.66 | - | 07 | 60 | 56 | + | 5 | SE | 2 | b | 1 | 65 | 52 | - |
| Nairn | 29.65 | 69 | Z | 0 | c | 29.65 | - | 06 | 61 | 58 | - | 1 | Z | 0 | o | 1 | 69 | 54 | - |
| †Aberdeen | 29.72 | 59 | SSE | 2 | bc | 29.69 | - | 07 | 63 | 59 | - | 0 | S | 1 | bc | 1 | 67 | 54 | - |
| Leith | 29.67 | 64 | SSE | 1 | c | 29.67 | - | 06 | 62 | 58 | - | 1 | W | 1 | c | * | 68 | 53 | - |
| †Shields | 29.74 | 62 | E | 2 | o | 29.73 | - | 04 | 62 | 58 | + | 3 | SW | 1 | c | 2 | 66 | 55 | - |
| Spurn Head | 29.78 | 60 | SE | 4 | bc | 29.80 | - | 05 | 59 | 58 | - | 1 | SW | 3 | c | 2 | 64 | 58 | - |
| York | 29.74 | 67 | S | 3 | b | 29.77 | - | 05 | 61 | 59 | + | 4 | S | 1 | c | * | 70 | 54 | - |
| Loughborough | 29.76 | 68 | SSE | 3 | c | 29.81 | - | 02 | 61 | 59 | + | 1 | SW | 2 | c | * | 71 | 57 | 0.12 |
| †Ardrossan | 29.63 | 58 | SSE | 3 | o | 29.65 | - | 02 | 57 | 55 | + | 1 | SSE | 2 | o | 2 | 58 | 55 | 0.14 |
| †Mullaghmore | 29.42 | 62 | SSW | 5 | c | 29.54 | + | 09 | 57 | 54 | + | 1 | SSW | 5 | o | 4 | 62 | 51 | 0.20 |
| Donaghadee | 29.59 | 58 | S | 6 | c | 29.65 | + | 02 | 60 | 59 | + | 5 | SSW | 4 | c | 2 | 60 | 53 | 0.20 |
| Parsonstown | 29.52 | 60 | S | 1 | c | 29.63 | + | 14 | 58 | 55 | - | 0 | SSW | 1 | o | * | 63 | 54 | - |
| Barrow-in-Furness | 29.75 | 62 | SSE | 2 | c | 29.71 | - | 02 | 58 | 58 | - | 0 | SE | 4 | bc | 3 | 63 | 57 | 0.13 |
| †Holyhead | 29.67 | 61 | SSW | 3 | bc | 29.72 | + | 05 | 57 | 56 | - | 0 | SSW | 2 | r | 3 | 63 | 57 | 0.11 |
| Liverpool (Bidston) | 29.70 | 65 | SSW | 2 | o | 29.74 | + | 01 | 61 | 59 | - | 1 | SSE | 2 | c | 2 | 68 | 56 | 0.12 |
| †Valencia | 29.2 | 57 | SSW | 6 | omp | 29.61 | + | 18 | 59 | 56 | + | 3 | SSW | 4 | o | 4 | 61 | 55 | 0.06 |
| Roche's Point | 29.58 | 57 | SW | 4 | c | 29.65 | + | 12 | 58 | 55 | + | 2 | SSE | 2 | o | 4 | 60 | 52 | - |
| Pembroke | 29.69 | 57 | SSW | 4 | c | 29.72 | + | 04 | 57 | 56 | + | 1 | SSW | 4 | c | 3 | 60 | 55 | 0.06 |
| †Scilly | 29.72 | 59 | SW | 5 | r | 29.72 | + | 02 | 61 | 60 | - | 1 | SSW | 5 | c | 5 | 64 | 50 | 0.21 |
| Prawle Point | 29.79 | 56 | S | 2 | o | 29.84 | + | 03 | 57 | 57 | - | 2 | SSW | 4 | o | 3 | 63 | 54 | 0.12 |
| Hurst Castle | 29.81 | 63 | SSW | 2 | b | 29.87 | + | 04 | 59 | 58 | + | 2 | SSW | 4 | c | 2 | 67 | 56 | 0.07 |
| †Dover | 29.87 | 63 | E | 2 | b | 29.88 | + | 01 | 64 | 61 | + | 4 | SW | 3 | b | 2 | 65 | 58 | - |
| †London | 29.88 | 70 | S | 4 | c | 29.87 | + | 01 | 62 | 57 | - | 3 | SW | 3 | o | * | 74 | 57 | - |
| Oxford | 29.79 | 64 | S | 2 | c | 29.84 | + | 01 | 62 | 59 | - | 0 | SSW | 4 | c | * | 69 | 57 | 0.01 |
| Cambridge | 29.80 | 65 | SSE | 1 | c | 29.84 | + | 01 | 64 | 59 | + | 2 | SW | 1 | b | * | 73 | 53 | 0.02 |
| †Yarmouth | 29.83 | 63 | SE | 3 | b | 29.83 | - | 05 | 64 | 62 | + | 4 | SSW | 2 | bc | 1 | 64 | 57 | - |
| The Helder | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.83 | 64 | ENE | 5 | c | 29.84 | - | 08 | 57 | 57 | - | 5 | S | 4 | f | 2 | 73 | 57 | 0.04 |
| †Jersey | 29.81 | 62 | SW | 2 | og | 29.88 | + | 04 | 61 | 60 | + | 2 | SSW | 3 | bc | 3 | 68 | 56 | 0.02 |
| Brest | 29.88 | 60 | SW | 3 | o | 29.84 | + | 01 | 60 | 58 | + | 1 | SSW | 5 | o | 4 | 61 | 57 | - |
| Lorient | 29.83 | 61 | WNW | 5 | c | 29.87 | + | 04 | 62 | 60 | + | 2 | WNW | 5 | o | 2 | 70 | 57 | 0.08 |
| †Rochefort | 29.96 | 70 | NW | 5 | b | 29.99 | + | 06 | 65 | 65 | + | 2 | S | 3 | o | 2 | 77 | 57 | - |
| Biarritz | 29.94 | 69 | N | 5 | b | 29.92 | + | 01 | 69 | 64 | + | 4 | ESE | 4 | bc | 1 | 72 | 63 | - |
| Corunna | * | * | * | * | * | 29.85 | + | 02 | 65 | 62 | + | 1 | S | 5 | o | 2 | 70 | 59 | - |
| Brussels | * | * | * | * | * | 29.90 | + | 02 | 64 | 61 | - | 1 | WNW | 3 | bc | * | 75 | 60 | 0.31 |
| Charleville | 29.83 | 68 | NE | 4 | c | 29.93 | + | 05 | 65 | 59 | - | 0 | NW | 3 | b | * | 68 | 59 | 0.20 |
| Paris | 29.85 | 67 | SW | 4 | bc | 29.96 | + | 07 | 65 | 61 | + | 5 | SW | 1 | c | * | * | * | 0.55 |
| Lyons | 29.92 | 68 | NNE | 1 | b | 30.01 | + | 11 | 62 | 60 | - | 1 | S | 1 | b | * | 85 | 56 | 0.43 |
| Toulon | 30.00 | 73 | SE | 3 | m | 30.04 | + | 05 | 73 | 69 | + | 2 | Z | 0 | m | 2 | 79 | 64 | - |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.51 | 61 | S | 1 | c | 28.54 | - | 21 | 55 | 55 | - | 3 | SSW | 2 | omp | * | 63 | 52 | 0.03 |

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.89 | 64 | 59 | WSW | 2 | o | 2 | Valencia ... | 29.48 | 61 | 59 | SSW | 6 | om | 6 |
| Sumburgh Head | 29.77 | 58 | 57 | SSE | 4 | c | 4 | Scilly ... | 29.71 | 63 | 61 | SSW | 4 | o | 4 |
| Stornoway ... | 29.64 | 59 | 54 | E | 4 | o | 3 | Dover ... | 29.89 | 64 | 58 | NE | 3 | b | 1 |
| Aberdeen ... | 29.75 | 63 | 59 | SSE | 4 | bc | 1 | London ... | 29.88 | 72 | 62 | SE | 3 | c | 2 |
| Shields ... | 29.76 | 62 | 58 | SSE | 2 | c | 2 | Yarmouth ... | 29.86 | 63 | 60 | SSE | 3 | b | 2 |
| Ardrossan ... | 29.66 | 57 | 56 | SE | 3 | r | 3 | Jersey ... | 29.83 | 64 | 61 | SSE | 2 | bc | 2 |
| Mullaghmore ... | 29.42 | 57 | 54 | SSE | 5 | og | 4 | Rochefort ... | 29.96 | 74 | 70 | NW | 3 | b | 2 |
| Holyhead ... | 29.67 | 59 | 57 | S | 4 | o | 3 | | | | | | | | |

The barometer continues to fall slowly at our NW and SE stations, but is little changed elsewhere. The wind has shifted to NE, but with this exception the winds show no important alteration since the morning.

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; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SUNDAY 8TH JULY,

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

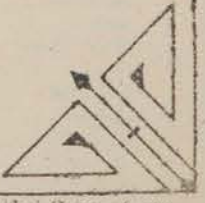
S. W.

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ROBERT H. SCOTT

(SECRETARY.)



Printed by J. Longfield, 11, St. Paul's Churchyard, St. Dunstons.

WEATHER CHARTS

for 8 a.m. on

SUNDAY 8th JULY

1888

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast.

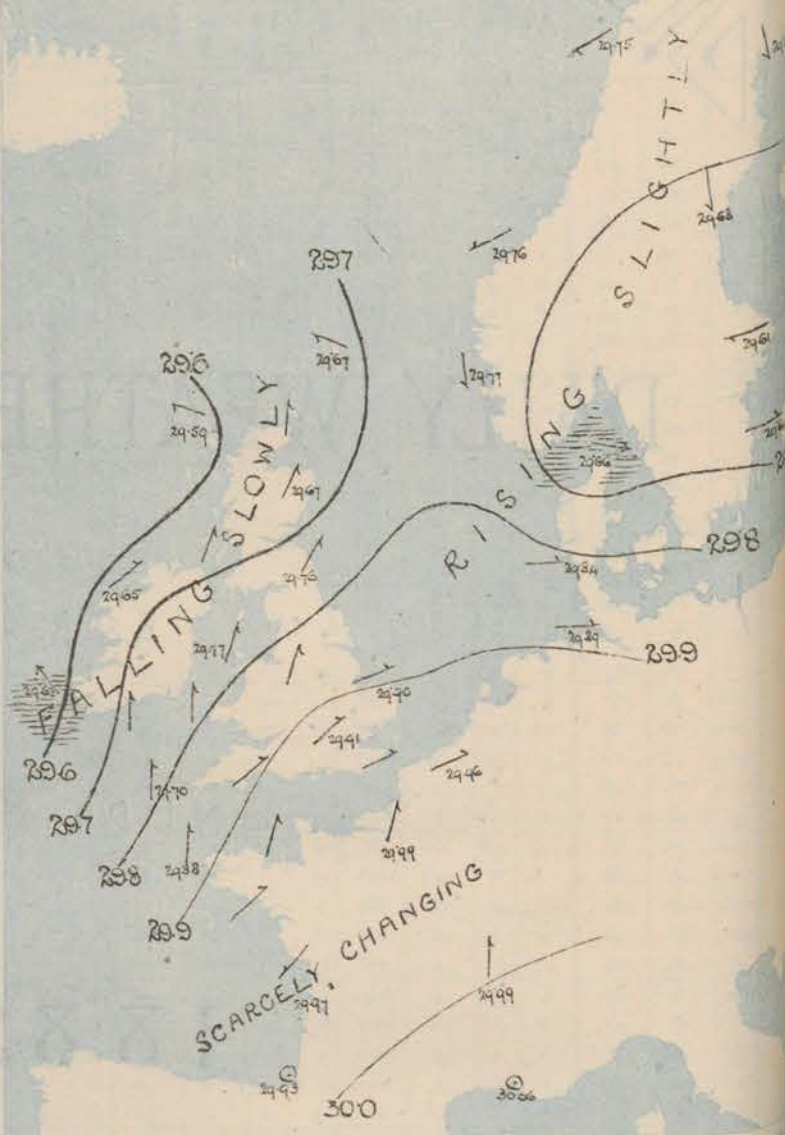
Thus Rough High.

MEAN^h HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.82 |
| Stornoway | 29.79 |
| Wick | 29.81 |
| Nairn | 29.82 |
| Aberdeen | 29.82 |
| Leith | 29.83 |
| Glasgow | 29.82 |
| York | 29.82 |
| Ardrossan | 29.84 |
| Donaghadee | 29.87 |
| Ballyhead | 29.91 |
| Liverpool | 29.92 |
| Valencia | 29.94 |
| Roches Point | 29.94 |
| Breathake | 29.94 |
| Sally | 29.96 |
| Barat Castle | 29.97 |
| Dover | 29.98 |
| LONDON | 29.98 |
| Oxford | 29.97 |
| Cambridge | 29.97 |
| Yarmouth | 29.99 |

* These means are for the 40 years 1871 to 1910.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

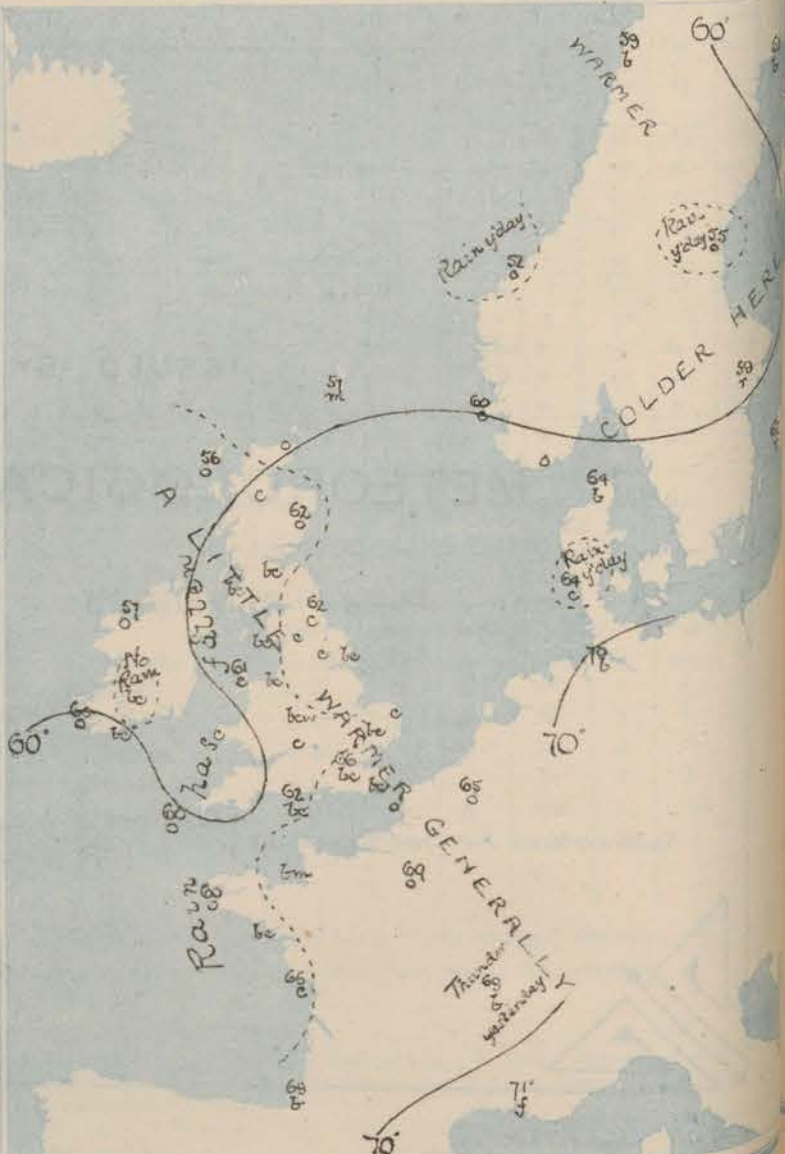
Falls of 0.5 in. or more, are quoted in figures.

MEANS^h OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of July.

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 61.7 | 2.06 |
| Stornoway | 56.4 | 3.00 |
| Wick | 66.2 | 2.10 |
| Nairn | 57.4 | 2.38 |
| Aberdeen | 67.2 | 2.61 |
| Leith | 69.1 | 2.62 |
| Glasgow | 68.6 | 2.58 |
| York | 69.7 | 2.41 |
| Ardrossan | 69.8 | 2.62 |
| Donaghadee | 67.7 | 2.66 |
| Ballyhead | 68.7 | 2.79 |
| Liverpool | 69.8 | 2.81 |
| Valencia | 68.0 | 3.52 |
| Roches Point | 59.7 | 3.07 |
| Breathake | 68.5 | 2.12 |
| Sally | 60.3 | 1.56 |
| Barat Castle | 61.2 | 2.31 |
| Dover | 63.0 | 1.32 |
| LONDON | 62.6 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.42 |
| Yarmouth | 62.4 | 2.85 |

* These mean 8 a.m. Temperatures are from the 40 years 1871 to 1910; the mean amounts of Rain are mainly from the 15 years 1866 to 1900.



REMARKS

for Sunday 8th July. 1883 at 8 a.m.

The depression noticed off the west of Ireland yesterday has moved slowly northwards and the barometer has consequently risen at all but our extreme northern stations, where it has fallen slightly. At Valencia, however, a fresh fall has set in since 10pm. SE² breezes are reported from the north of Scotland, and also from Valencia, but elsewhere the wind is SW² or S². The weather is fine at all but the northern and extreme south-western stations where the sky is very cloudy. In the course of yesterday showers fell in most parts of the country. Temperature has not changed much and readings now range from 66° in London to 56° at Stornoway.

The sea is rather rough at Valencia, slight or smooth elsewhere.

MAP SHOWING DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

NONE ISSUED.

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

FORECASTS

NONE ISSUED.

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR 8TH JULY, 1883

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | FAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----------|---|----------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|----------------|------|---------------------|
| | Barometer at 5 p.m. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer. Reading at 8 a.m. and Sea Level. | SHADE TEMP. | | | WIND. | Force. (0 to 12). | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | Max. | Min. | Amount of Rainfall. |
| | | | Dir. | Force. (0 to 12). | | | Dry. | Wet. | Difference from 8 a.m. yesterday. | | | | | Max. | Min. | Amount of Rainfall. | | | |
| Haparanda | 29.74 | 55 | NE | 2 | b | 29.74 | — | 01 | 61 | 52 | — | 1 | N | 4 | b | * | 63 | 46 | — |
| Hernösand | 29.66 | 57 | NE | 4 | r | 29.68 | — | 02 | 55 | 52 | — | 5 | N | 2 | o | * | 73 | 50 | 0.16 |
| Stockholm | 29.60 | 65 | ESE | 2 | o | 29.61 | — | 06 | 59 | 55 | — | 10 | E | 2 | r | * | 82 | 61 | — |
| Wisby | 29.67 | 64 | N | 4 | b | 29.64 | — | 09 | 62 | 61 | — | 1 | N | 4 | r | * | 73 | 60 | — |
| Bodö | 29.70 | 55 | SH | 2 | b | 29.75 | — | 05 | 59 | 54 | — | 8 | ESE | 2 | b | 1 | 61 | 45 | — |
| Christiansund | 29.70 | 53 | ENE | 4 | r | 29.76 | — | 04 | 62 | 49 | — | 1 | ENE | 4 | o | 2 | 54 | 48 | 0.20 |
| †Skudesnaes | 29.76 | 58 | WSW | 6 | v | 29.77 | — | 00 | 60 | 55 | — | 0 | NNW | 4 | c | 2 | 63 | 57 | — |
| Oxö (Xiänsund) | 29.63 | 60 | WSW | 6 | o | 29.68 | — | 05 | 61 | 57 | — | 1 | WSW | 4 | o | 3 | 62 | 57 | — |
| Skagen (The Skaw) | 29.68 | 59 | WSW | 2 | o | 29.66 | — | 07 | 64 | 59 | — | 2 | NNW | 5 | b | 6 | 66 | 55 | — |
| Fanö | 29.82 | 61 | NNW | 2 | b | 29.84 | — | 06 | 64 | 61 | — | 2 | N | 4 | c | * | 68 | 61 | 0.08 |
| Cuxhaven | 29.88 | 63 | NT | 3 | b | 29.89 | — | 09 | 70 | 68 | — | 2 | W | 3 | b | * | 72 | 59 | — |
| †Sumburgh Head | 29.69 | 57 | SE | 2 | o | 29.67 | — | 05 | 57 | 56 | — | 2 | ESE | 3 | m | 3 | 61 | 51 | — |
| †Stornoway | 29.62 | 59 | SE | 3 | o | 29.59 | — | 01 | 56 | 55 | — | 0 | SE | 2 | o | 0 | 63 | 53 | 0.07 |
| Wick | 29.65 | 61 | S | 1 | o | 29.63 | — | 03 | 57 | 55 | — | 3 | S | 3 | o | 1 | 67 | 52 | — |
| Nairn | 29.64 | 66 | L | 0 | c | 29.62 | — | 03 | 62 | 59 | — | 1 | SSW | 1 | c | 1 | 70 | 57 | 0.06 |
| †Aberdeen | 29.69 | 65 | S | 1 | b | 29.67 | — | 02 | 62 | 59 | — | 1 | SSW | 1 | o | 1 | 69 | 57 | 0.15 |
| Leith | 29.67 | 65 | SW | 1 | bc | 29.69 | — | 02 | 60 | 56 | — | 2 | SW | 1 | bc | * | 69 | 55 | 0.13 |
| †Shields | 29.72 | 62 | ESE | 1 | o | 29.76 | — | 03 | 62 | 57 | — | 0 | SW | 3 | c | 2 | 69 | 57 | — |
| Spurn Head | 29.78 | 67 | SSW | 2 | b | 29.85 | — | 05 | 61 | 59 | — | 2 | SW | 4 | bc | 2 | 72 | 58 | — |
| York | 29.75 | 69 | WSW | 3 | b | 29.82 | — | 05 | 63 | 59 | — | 2 | SW | 2 | c | * | 72 | 56 | — |
| Loughborough | 29.78 | 69 | S | 4 | b | 29.86 | — | 05 | 62 | 59 | — | 1 | SSW | 3 | bc | * | 72 | 59 | — |
| †Ardrossan | 29.67 | 60 | L | 0 | o | 29.72 | — | 07 | 58 | 56 | — | 1 | SSW | 2 | bc | 3 | 61 | 54 | 0.07 |
| †Mullaghmore | 29.58 | 59 | SW | 2 | avg | 29.65 | — | 11 | 57 | 52 | — | 0 | SW | 4 | o | 2 | 64 | 54 | 0.27 |
| Donaghadee | 29.66 | 58 | S | 2 | o | 29.71 | — | 06 | 61 | 58 | — | 1 | N | 2 | c | 0 | 66 | 52 | 0.06 |
| Parsonstown | 29.61 | 61 | SSE | 1 | o | 29.71 | — | 08 | 59 | 55 | — | 1 | S | 1 | bc | * | 66 | 51 | — |
| Barrow-in-Furness | 29.71 | 62 | ESE | 1 | bc | 29.77 | — | 06 | 60 | 57 | — | 2 | SSW | 4 | bc | 3 | 65 | 56 | 0.08 |
| †Holyhead | 29.71 | 60 | S | 1 | r | 29.77 | — | 05 | 61 | 59 | — | 4 | SSW | 2 | c | 2 | 64 | 57 | 0.02 |
| Liverpool (Bidston) | 29.72 | 65 | SSE | 1 | c | 29.80 | — | 06 | 62 | 58 | — | 1 | S | 1 | bc | 2 | 70 | 55 | 0.22 |
| †Valencia | 29.60 | 57 | S | 5 | b | 29.63 | — | 02 | 60 | 59 | — | 1 | SE | 5 | o | 5 | 60 | 55 | 0.11 |
| Roche's Point | 29.68 | 58 | SW | 3 | c | 29.70 | — | 05 | 59 | 56 | — | 1 | S | 4 | bc | 4 | 62 | 52 | — |
| Pembroke | 29.69 | 58 | SSW | 4 | o | 29.78 | — | 06 | 57 | 56 | — | 0 | S | 2 | c | 2 | 61 | 56 | 0.06 |
| †Scilly | 29.76 | 60 | SW | 5 | o | 29.76 | — | 04 | 60 | 59 | — | 1 | S | 4 | o | 4 | 64 | 56 | 0.01 |
| Prawle Point | 29.84 | 58 | SSW | 4 | o | 29.88 | — | 04 | 58 | 57 | — | 1 | S | 2 | c | 3 | 61 | 65 | 0.07 |
| Hurst Castle | 29.86 | 61 | SSW | 3 | c | 29.91 | — | 04 | 62 | 59 | — | 3 | SW | 4 | bc | 2 | 66 | 59 | 0.01 |
| †Dover | 29.89 | 60 | WSW | 2 | b | 29.92 | — | 04 | 63 | 60 | — | 1 | WSW | 2 | bc | 1 | 67 | 58 | — |
| †London | 29.87 | 67 | S | 3 | bc | 29.91 | — | 04 | 66 | 60 | — | 4 | SW | 2 | bc | * | 73 | 57 | — |
| Oxford | 29.84 | 61 | SSW | 3 | c | 29.88 | — | 04 | 61 | 59 | — | 1 | S | 2 | c | * | 70 | 57 | 0.04 |
| Cambridge | 29.74 | 65 | SSW | 1 | c | 29.91 | — | 07 | 63 | 60 | — | 1 | SW | 1 | bc | * | 74 | 56 | 0.02 |
| †Yarmouth | 29.83 | 70 | SSW | 3 | bc | 29.90 | — | 07 | 62 | 58 | — | 2 | WSW | 2 | c | 2 | 73 | 58 | — |
| The Helder | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.91 | 67 | S | 1 | b | 29.95 | — | 11 | 63 | 59 | — | 6 | SSW | 3 | o | 2 | 68 | 57 | — |
| †Jersey | 29.87 | 63 | WSW | 3 | cg | 29.91 | — | 03 | 64 | 60 | — | 3 | SSW | 1 | bc | 1 | 70 | 58 | — |
| Brest | 29.89 | 60 | SW | 4 | m | 29.88 | — | 04 | 60 | 59 | — | 0 | S | 4 | o | 4 | 64 | 57 | 0.08 |
| Lorient | 29.90 | 60 | N | 4 | o | 29.90 | — | 03 | 63 | 61 | — | 1 | SW | 4 | bc | 2 | 70 | 57 | 0.12 |
| †Rochefort | 29.99 | 68 | NNW | 4 | c | 29.97 | — | 02 | 66 | 64 | — | 1 | NE | 4 | c | 2 | 75 | 59 | 0.08 |
| Biarritz | ? | 71 | ? | 3 | c | 29.93 | — | 01 | 69 | 66 | — | 0 | L | 0 | b | 1 | 73 | 63 | — |
| Corunna | * | * | * | * | * | | | | | | | | | | | | * | * | * |
| Brussels | * | * | * | * | * | 29.96 | — | 06 | 65 | 61 | — | 1 | WSW | 1 | o | * | 74 | 61 | — |
| Charleville | | | | | | | | | | | | | | | | | | | |
| Paris | 29.94 | 73 | SSW | 1 | o | 29.99 | — | 03 | 69 | 64 | — | 4 | SSW | 1 | o | * | * | * | — |
| Lyons | 29.94 | 72 | NN | 3 | c | 29.99 | — | 02 | 69 | 65 | — | 7 | S | 1 | b | * | 83 | 61 | — |
| Toulon | 30.06 | 71 | N | 3 | m | 30.06 | — | 01 | 71 | 68 | — | 2 | L | 0 | f | 1 | 81 | 64 | — |

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

| | | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|---|----|----|----|---|---|----|---|---|---|----|----|------|
| Hawes Junction | 28.53 | 59 | S | 1 | o | 28.58 | — | 04 | 55 | 53 | — | 0 | SW | 2 | c | * | 63 | 52 | 0.11 |
|----------------|-------|----|---|---|---|-------|---|----|----|----|---|---|----|---|---|---|----|----|------|

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-----|---|
| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | |
| Skudesnaes | 29.78 | 61 | 57 | WNW | 4 | c | 3 | Valencia | 29.62 | 57 | 56 | S | 4 | rgm | 5 |
| Sumburgh Head | 29.72 | 59 | 57 | SE | 2 | m | 2 | Scilly | 29.93 | 60 | 58 | WSW | 5 | of | 5 |
| Stornoway | 29.62 | 60. | 57 | SSE | 4 | c | 4 | Dover | 29.92 | 61 | 59 | SW | 3 | bc | 2 |
| Aberdeen | 29.71 | 66 | 60 | S | 3 | b | 1 | London | 29.87 | 70 | 62 | SSE | 3 | o | 2 |
| Shields | 29.75 | 67 | 62 | SW | 2 | o | 2 | Yarmouth | 29.86 | 72 | 67 | SW | 3 | bc | 3 |
| Ardrossan | 29.68 | 60 | 57 | L | 0 | o | 0 | Jersey | 29.87 | 69 | 62 | SSE | 3 | bc | 2 |
| Mullaghmore | 29.58 | 63 | 56 | SW | 4 | og | 2 | Rochefort | 29.98 | 72 | 70 | NN | 3 | o | 2 |
| Holyhead | 29.74 | 62 | 59 | SSW | 4 | c | 3 | | | | | | | | |

The barometer is inclined to fall a little at some of our W and S stations, but is rising elsewhere. S or SW winds are reported generally, with fine weather in the E., but cloudy showery weather in the W. Sea is slight at Holyhead smooth at Dover.

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; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and the and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY 9TH JULY,

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
D^o D^o Bookpost 5^s 11^s

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

MONDAY 9th JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each inch of an inch.

Changes in height of barometer since previous morning are noted 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 6 to 7; → forces 4 to 5;

○ - dead calm.

Sea Disturbance, where considerable is shown by shading round the coast,

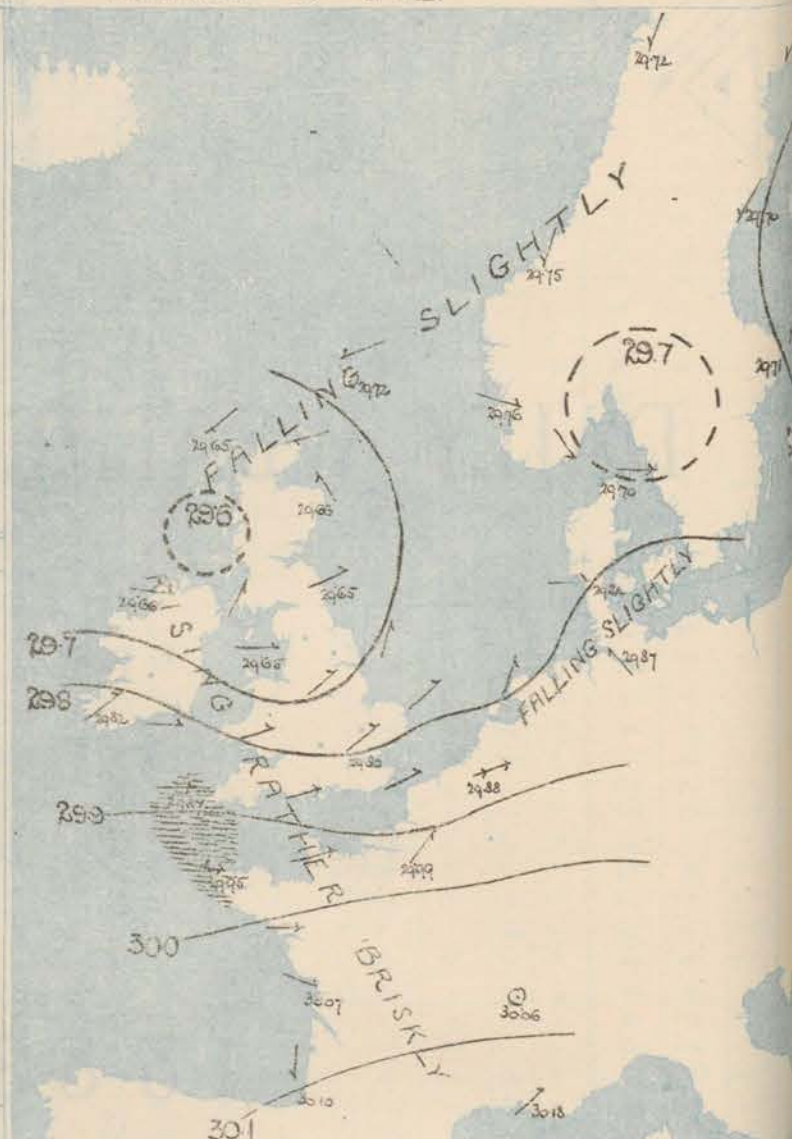
thus - Rough; - High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings. |
|----------------|----------------|
| Sumburgh Head. | 29.87 |
| Sornoway. | 29.79 |
| Wick. | 29.81 |
| Nairn. | 29.82 |
| Aberdeen. | 29.82 |
| Leith. | 29.84 |
| Glasgow. | 29.85 |
| York. | 29.87 |
| Arbroath. | 29.88 |
| Donaghadee. | 29.88 |
| Ballyhead. | 29.89 |
| Liverpool. | 29.90 |
| Valencia. | 29.94 |
| Rosetta Point. | 29.94 |
| Pembroke. | 29.94 |
| Scilly. | 29.98 |
| Wick Castle. | 29.98 |
| Dover. | 29.99 |
| LONDON. | 29.99 |
| Oxford. | 29.99 |
| Cambridge. | 29.99 |
| Vermouth. | 29.99 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°

Changes in temperature since previous morning are noted in words.

Weather. Letters of the Beaufort Scale show state of weather at 8 a.m.

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.

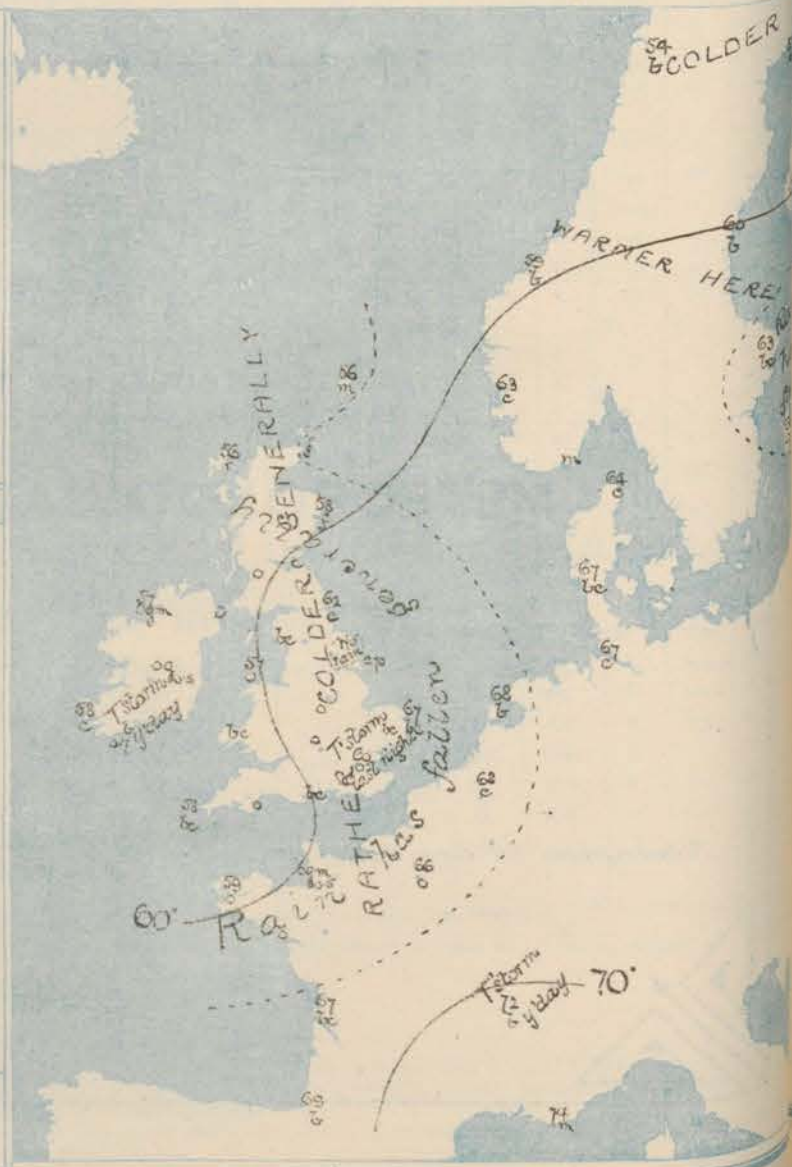
MEANS^s OF TEMPERATURE AT 8 A.M.

AND RAINFALL.

for the month of July.

| Stations. | Temp. | Rainfall. |
|----------------|-------|-----------|
| Sumburgh Head. | 63.2 | 2.06 |
| Sornoway. | 66.4 | 3.00 |
| Wick. | 66.2 | 2.19 |
| Nairn. | 67.4 | 2.63 |
| Aberdeen. | 67.0 | 2.60 |
| Leith. | 69.1 | 2.62 |
| Glasgow. | 68.8 | 2.56 |
| York. | 69.7 | 2.41 |
| Arbroath. | 67.8 | 2.82 |
| Donaghadee. | 67.7 | 2.66 |
| Ballyhead. | 68.3 | 2.19 |
| Liverpool. | 69.8 | 2.01 |
| Valencia. | 69.0 | 3.59 |
| Rosetta Point. | 69.1 | 3.07 |
| Pembroke. | 68.5 | 2.12 |
| Scilly. | 60.3 | 1.96 |
| Wick Castle. | 67.7 | 2.31 |
| Dover. | 63.0 | 1.92 |
| LONDON. | 62.6 | 2.36 |
| Oxford. | 60.4 | 2.60 |
| Cambridge. | 61.3 | 2.41 |
| Vermouth. | 61.4 | 2.42 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain, are nearly those for the 15 years 1866 to 1880.



REMARKS

for Monday 9th July 1883 at 8 a.m.

In the course of yesterday a small but well defined depression advanced to the S. of Ireland, & a brisk fall of the barometer consequently took place in the Skt.; cloud & rain set in at all our W^{ly} & S^{ly} stations, & a slight SE^{ly} to SW^{ly} gale was experienced at Scilly. This morning the depression seems to have dispersed, and the barometer is rising again in the Skt., but some small local disturbances over Scotland are occasioning a slight fall at our N^{ly} & E^{ly} stations. Fresh W^{ly} or SW^{ly} winds are reported from the South, but in the extreme North the wind is light from the E^{ly}. The weather is fine at a few of the SE^{ly} & S^{ly} stations, but cloudy or overcast elsewhere, with rain at Stromoray & Naava and passing showers at Spurn Head & Dover. A sharp thunderstorm was experienced at Rocks Point yesterday afternoon & in London later in the evening. In the course of the past 24 hours rain has fallen in most places. Temperature ranges from 64° at Yarmouth to 52° at Wick, the highest maximum registered yesterday being 75° in London & at Loughboro' & Cambridge. The sea is rather rough at Scilly, moderate or smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

10th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | E ^{ly} and NE ^{ly} winds, light; cloudy, some rain |
| 2 SCOTLAND EAST | S ^{ly} and SW ^{ly} winds, light; unsettled, rain at times |
| 3 ENGLAND N.E. | -----D'-----D'-----D'----- |
| 4 ENGLAND EAST | Same as N.E. |
| 5 MIDLAND COUNTIES | Same as N.E. |
| 6 ENGLAND SOUTH | SW ^{ly} winds, moderate or fresh; changeable, some showers. |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | SW ^{ly} winds, light; cloudy, rain at times |
| 7 ENGLAND N.W. | -----D'-----D'-----D'----- |
| 8 ENGLAND S.W. | W ^{ly} to SW ^{ly} winds, fresh; fair to unsettled and showery |
| 9 IRELAND NORTH | SW ^{ly} or S ^{ly} winds, light to fresh; cloudy, rain at times |
| 10 IRELAND SOUTH | -----D'-----D'-----D'----- |

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 9th JULY

1883

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|--|--------------------|-------|----------------------|----------|---|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|------|---------------------------|------|--|
| | Baromet. at 3 p.m. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 3 p.m. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.44 | 53 | Z | 0 | bc | 29.44 | 00 | 54 | 49 | - | 7 | NE | 4 | 0 | * | 63 | 45 | - | |
| Hernösand | 29.70 | 56 | Z | 0 | b | 29.70 | + 02 | 60 | 54 | + | 5 | NE | 2 | 0 | * | 72 | 50 | - | |
| Stockholm | 29.70 | 57 | Z | 0 | o | 29.71 | + 10 | 63 | 56 | + | 4 | NE | 2 | bc | * | 66 | 55 | 0.12 | |
| Wisby | 29.67 | 63 | NNE | 4 | o | 29.71 | + 07 | 61 | 59 | - | 1 | SE | 2 | o | * | 72 | 59 | 0.24 | |
| Bodö | 29.73 | 57 | SH | 1 | b | 29.72 | - 03 | 54 | 51 | - | 5 | NNE | 2 | b | 1 | 63 | 50 | - | |
| Christiansund | 29.78 | 55 | NNE | 3 | b | 29.75 | - 02 | 59 | 52 | + | 7 | NNE | 2 | b | 1 | 59 | 45 | - | |
| †Skudesnaes | 29.77 | 60 | NNW | 2 | m | 29.76 | - 01 | 63 | 59 | + | 3 | WNW | 2 | c | 2 | 65 | ? | - | |
| Oxö (Xiänsund) | 29.70 | 59 | WSW | 6 | o | 29.71 | + 03 | 63 | 59 | + | 2 | NW | 2 | m | 3 | 63 | 57 | - | |
| Skagen (The Skaw) | 29.41 | 62 | H | 5 | c | 29.70 | + 04 | 64 | 60 | 0 | 0 | W | 5 | c | 5 | 68 | 61 | - | |
| Fanö | 29.88 | 61 | H | 4 | c | 29.84 | 00 | 67 | 61 | + | 3 | W | 2 | bc | * | 70 | 57 | - | |
| Cuxhaven | 29.94 | 65 | NNW | 2 | b | 29.87 | - 02 | 67 | 61 | - | 3 | SE | 1 | c | * | 70 | 58 | - | |
| †Sumburgh Head | 29.70 | 59 | ENE | 3 | c | 29.72 | + 05 | 56 | 56 | - | 1 | ENE | 3 | m | 2 | 60 | 54 | 0.11 | |
| †Stornoway | 29.68 | 58 | S | 4 | c | 29.65 | + 06 | 56 | 55 | 0 | 0 | NE | 2 | r | 1 | 61 | 48 | 0.04 | |
| Wick | 29.61 | 63 | N | 3 | bc | 29.61 | - 02 | 52 | 52 | - | 5 | ENE | 2 | f | 1 | 67 | 44 | - | |
| Nairn | 29.70 | 66 | W | 2 | b | 29.67 | + 05 | 57 | 56 | - | 5 | Z | 0 | oa | 1 | 70 | 53 | 0.01 | |
| †Aberdeen | 29.71 | 66 | SW | 1 | b | 29.66 | - 01 | 58 | 58 | - | 4 | SE | 1 | f | 1 | 72 | 54 | 0.09 | |
| Leith | 29.73 | 65 | SE | 1 | bc | 29.63 | - 06 | 61 | 59 | + | 1 | NNE | 1 | c | * | 69 | 55 | 0.14 | |
| †Shields | 29.77 | 64 | SSW | 2 | c | 29.65 | - 11 | 62 | 60 | 0 | 0 | WSW | 3 | c | 2 | 70 | 53 | 0.01 | |
| Spurn Head | 29.8 | 62 | SE | 4 | bc | 29.71 | - 14 | 62 | 61 | + | 1 | SSW | 3 | cp | 2 | 73 | 59 | 0.03 | |
| York | 29.78 | 70 | SSE | 1 | bc | 29.67 | - 15 | 64 | 61 | + | 1 | S | 2 | c | * | 72 | 53 | - | |
| Loughborough | 29.79 | 69 | SSE | 2 | o | 29.72 | - 14 | 63 | 60 | + | 1 | SW | 2 | o | * | 75 | 59 | 0.01 | |
| †Ardrossan | 29.72 | 62 | Z | 0 | b | 29.61 | - 11 | 59 | 58 | + | 1 | Z | 0 | o | 0 | 62 | 56 | 0.40 | |
| †Mullaghmore | 29.59 | 59 | NNW | 3 | op | 29.66 | + 01 | 57 | 56 | 0 | 0 | W | 4 | ogm | 3 | 65 | 56 | 0.35 | |
| Donaghadee | 29.71 | 57 | S | 2 | c | 29.61 | - 10 | 58 | 58 | - | 3 | SW | 1 | o | 0 | 64 | 53 | 0.11 | |
| Parsonstown | 29.58 | 58 | E | 1 | r | 29.74 | + 03 | 56 | 55 | - | 3 | SW | 1 | og | * | 69 | 56 | 0.46 | |
| Barrow-in-Furness | 29.7 | 64 | NNE | 2 | bc | 29.62 | - 15 | 61 | 60 | + | 1 | S | 3 | bc | 3 | 65 | 58 | 0.26 | |
| †Holyhead | 29.71 | 62 | SSW | 1 | c | 29.65 | - 12 | 57 | 56 | - | 4 | W | 2 | o | 3 | 65 | 57 | 0.24 | |
| Liverpool (Bidston) | | | | | | | | | | | | | | | | | | | |
| †Valencia | 29.51 | 58 | N | 3 | rmm | 29.82 | + 19 | 55 | 57 | - | 2 | SW | 3 | c | 4 | 63 | 50 | 0.32 | |
| Roche's Point | 29.44 | 58 | SE | 3 | r | 29.80 | + 10 | 58 | 55 | - | 1 | W | 4 | b | 4 | 63 | 54 | 0.66 | |
| Pembroke | 29.63 | 58 | SE | 4 | r | 29.76 | - 02 | 58 | 56 | + | 1 | WSW | 4 | bc | 3 | 62 | 56 | 0.28 | |
| †Scilly | 29.60 | 61 | SSW | 7 | o | 29.87 | + 11 | 58 | 56 | - | 2 | W | 5 | bc | 5 | 62 | 56 | 0.61 | |
| Prawle Point | 29.78 | 57 | SSE | 4 | f | 29.86 | - 02 | 57 | 57 | - | 1 | WSW | 4 | o | 4 | 61 | 55 | 0.12 | |
| Hurst Castle | 29.83 | 60 | SE | 3 | r | 29.84 | - 07 | 60 | 59 | - | 2 | WSW | 6 | bc | 4 | 68 | 58 | 0.07 | |
| †Dover | 29.90 | 63 | WSW | 1 | bc | 29.83 | - 09 | 61 | 60 | - | 2 | WSW | 4 | bc | 3 | 67 | 61 | 0.06 | |
| †London | 29.91 | 66 | SW | 2 | bc | 29.80 | - 11 | 60 | 58 | - | 6 | SW | 2 | o | * | 75 | 59 | 0.25 | |
| Oxford | 29.87 | 62 | SSE | 3 | r | 29.76 | - 12 | 62 | 60 | + | 1 | SSW | 3 | b | * | 71 | 59 | 0.09 | |
| Cambridge | 29.85 | 69 | SW | 1 | c | 29.76 | - 15 | 62 | 62 | - | 1 | SW | 1 | bc | * | 75 | 57 | 0.10 | |
| †Yarmouth | 29.87 | 64 | SSE | 5 | b | 29.76 | - 14 | 67 | 62 | + | 5 | SW | 4 | bc | 2 | 70 | 60 | 0.03 | |
| The Helder | 29.91 | 68 | WSW | 1 | c | 29.79 | - 14 | 68 | 65 | - | 5 | SSW | 1 | b | 1 | 73 | 63 | 0.04 | |
| Cape Gris Nez | 29.90 | 68 | Z | 0 | o | 29.80 | - 09 | 62 | 61 | - | 1 | SW | 5 | o | 4 | 70 | 61 | 0.16 | |
| †Jersey | 29.88 | 63 | WSW | 3 | o | 29.92 | + 01 | 60 | 59 | - | 4 | WSW | 5 | opm | 3 | 67 | 58 | 0.03 | |
| Brest | 29.73 | 61 | SSW | 7 | r | 29.95 | + 07 | 59 | 57 | - | 1 | NNW | 5 | o | 5 | 61 | 57 | 0.57 | |
| Lorient | 29.83 | 65 | SW | 5 | o | 29.93 | + 03 | 62 | 59 | - | 1 | W | 7 | o | 4 | 72 | 57 | 0.04 | |
| †Rochefort | 29.96 | 70 | NNW | 3 | o | 30.07 | + 10 | 67 | 64 | + | 1 | NNW | 3 | b | 2 | 84 | 61 | - | |
| Biarritz | 29.89 | 75 | E | 3 | b | 30.10 | + 17 | 69 | 65 | 0 | 0 | N | 3 | b | 1 | 70 | 66 | - | |
| Corunna | * | * | * | * | * | | | * | * | | | | | | | * | * | * | |
| Brussels | * | * | * | * | * | 29.88 | - 08 | 68 | 64 | + | 3 | WSW | 8 | c | * | 79 | 63 | 0.39 | |
| Charleville | | | | | | | | | | | | | | | | | | | |
| Paris | 29.91 | 75 | SSE | 1 | c | 29.99 | 00 | 66 | 64 | - | 3 | SW | 1 | o | * | * | * | 0.16 | |
| Lyons | 29.95 | 80 | S | 4 | c | 30.06 | + 07 | 72 | 65 | + | 3 | E | 1 | b | * | 87 | 62 | - | |
| Toulon | 30.15 | 76 | SW | 1 | m | 30.18 | + 12 | 74 | ? | + | 3 | SW | 1 | im | ? | 75 | 63 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.55 | 65 | Z | 0 | b | 28.44 | - 14 | 59 | 57 | + | 14 | WSW | 1 | a | * | 66 | 55 | 0.21 | |

HIGH LEVEL STATION.

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

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

| Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. |
|---------------|-------|------|-------|------|------|------|------|------|-------|------|------|
| Skudesnaes | 29.78 | 65 | 58 | NNW | 2 | cm | 2 | | | | |
| Sumburgh Head | | | | | | | | | | | |
| Stornoway | | | | | | | | | | | |
| Aberdeen | | | | | | | | | | | |
| Shields | | | | | | | | | | | |
| Ardrossan | | | | | | | | | | | |
| Mullaghmore | | | | | | | | | | | |
| Holyhead | | | | | | | | | | | |
| Valencia | | | | | | | | | | | |
| Scilly | | | | | | | | | | | |
| Dover | | | | | | | | | | | |
| London | | | | | | | | | | | |
| Yarmouth | | | | | | | | | | | |
| Jersey | | | | | | | | | | | |
| Rochefort | 29.94 | 79 | 70 | NW | 1 | o | | | | | |

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; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

TUESDAY 10TH JULY,

1883.

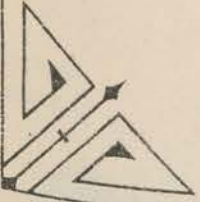
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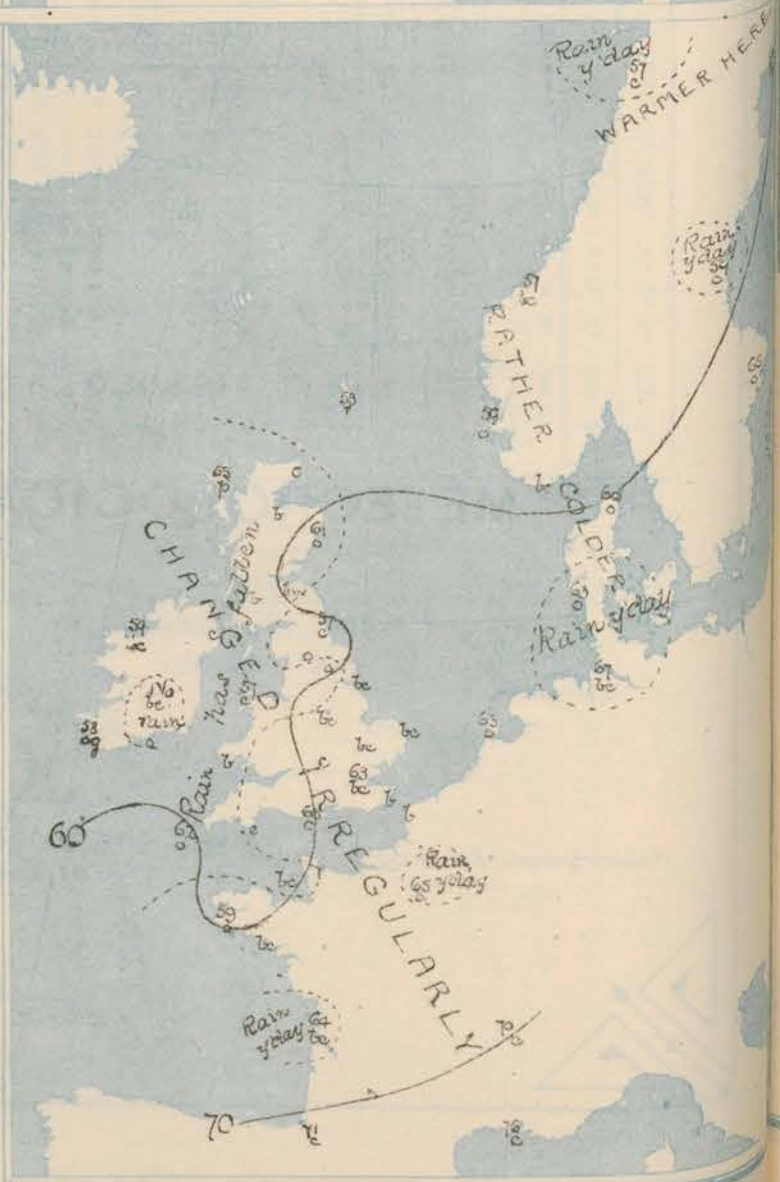


ROBERT H. SCOTT

(SECRETARY.)



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REMARKS

for Tuesday 10th July 1883 at 8 a.m.

The shallow depressions noticed over Scotland yesterday have travelled away to the End of our Islands, and the barometer has consequently fallen on the Est shores of the North Sea, while it has risen on our Nth and Est coasts. In the S.H., however, a new fall which has set in since last evening appears to indicate the approach of a new disturbance. The wind has backed to S.S.E. at Valencia & to S.W. or S. in the West & Southwest generally, but in the East it is chiefly Nth. The weather is showery in the extreme N. of Scotland, & dull on our Southwest coasts, but generally fine elsewhere. In the course of yesterday, showers fell in the West & North of our Islands. Temperature has risen slightly in the W & S but fallen in the East and, readings now range from 63° at Dover and in London to 53° in the Shetlands. The sea is rather rough at Valencia, moderate or smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the
11th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS.



DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | Light breezes, chiefly W th ; unsettled, rain at times |
| 2 SCOTLAND EAST | N th to S.W th or S th winds, light; fine to unsettled and showery |
| 3 ENGLAND N.E. | -----D-----D-----D----- |
| 4 ENGLAND EAST | Same as N ^o 5 |
| 5 MIDLAND COUNTIES | Same as N ^o 5 |
| 6 ENGLAND SOUTH | S.W th or S th winds, light; fair to unsettled and some rain |

DISTRICTS

FORECASTS

| | |
|------------------|---|
| 6 SCOTLAND WEST | Light breezes, chiefly S th ; changeable, some showers |
| 7 ENGLAND N.W. | -----D-----D-----D----- |
| 8 ENGLAND S.W. | S.W th winds, freshening; fair to dull and rainy |
| 9 IRELAND NORTH | S th winds, fresh to N th moderate; dull and rainy, thunder locally |
| 10 IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 10TH JULY 1883

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | | |
|---|--|--------------------|--------|----------------------|----------|---|---|-------------|------|---|--------|----------------------|----------|------------------|-------------|------|---------------------------|------|---|--|
| | Baromet. 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 | 29.71 | 53 | NE | 4 | b | 29.70 | — | 0.4 | 60 | 53 | + | 6 | NE | 4 | bc | ? | 48 | — | | |
| Hernösand | 29.67 | 57 | Z | 0 | b | 29.67 | — | 0.3 | 59 | 56 | — | 1 | S | 4 | o | 72 | 45 | 0.08 | | |
| Stockholm | 29.65 | 60 | N | 2 | o | 29.67 | — | 0.4 | 60 | 60 | + | 3 | SSW | 2 | o | 72 | 54 | — | | |
| Wisby | 29.69 | 60 | N | 2 | r | 29.69 | — | 0.4 | 62 | 59 | + | 1 | N | 4 | b | 66 | 57 | 0.04 | | |
| Bodö | 29.69 | 5 | Z | 0 | b | 29.64 | — | 0.8 | 57 | 53 | + | 3 | ENE | 2 | c | 61 | 48 | 0.08 | | |
| Christiansund | 29.72 | 55 | N | 3 | b | 29.67 | — | 0.8 | 57 | 51 | — | 2 | N | 2 | bc | 1 | 59 | 45 | — | |
| †Skudesnaes | 29.71 | 60 | NNW | 2 | m | 29.65 | — | 0.11 | 59 | 55 | — | 4 | NNW | 2 | o | 68 | ? | — | | |
| Örö (Xiansund) | 29.64 | 59 | NSW | 6 | c | 29.58 | — | 0.10 | 59 | 57 | — | 4 | NSW | 4 | bc | 2 | ? | 55 | — | |
| Skagen (The Skaw) | 29.69 | 61 | N | 3 | b | 29.63 | — | 0.07 | 60 | 58 | — | 4 | NSW | 2 | o | 68 | 55 | — | | |
| Fanö | 29.75 | 64 | NSW | 4 | c | 29.69 | — | 0.15 | 63 | 61 | — | 4 | N | 4 | o | 70 | 63 | 0.04 | | |
| Cuxhaven | 29.83 | 66 | NNW | 3 | r | 29.82 | — | 0.05 | 67 | 65 | — | 0 | N | 4 | bc | 70 | 61 | 0.08 | | |
| †Sumburgh Head | 29.70 | 59 | ENE | 3 | c | 29.67 | — | 0.05 | 59 | 51 | — | 3 | ENE | 3 | r | 60 | 52 | — | | |
| †Stornoway | 29.66 | 60 | SW | 4 | bc | 29.69 | + | 0.04 | 55 | 54 | — | 1 | SW | 4 | p | 61 | 48 | 0.07 | | |
| Wick | 29.66 | 57 | E | 1 | o | 29.68 | + | 0.07 | 59 | 56 | + | 7 | NN | 1 | c | 62 | 52 | 0.04 | | |
| Nairn | 29.66 | 62 | Z | 0 | o | 29.70 | + | 0.03 | 58 | 55 | + | 1 | N | 2 | b | 66 | 50 | 0.16 | | |
| †Aberdeen | 29.66 | 58 | S | 1 | f | 29.70 | + | 0.04 | 61 | 55 | + | 3 | NNW | 1 | o | 66 | 54 | 0.02 | | |
| Leith | 29.68 | 65 | N | 1 | bc | 29.74 | + | 0.11 | 60 | 56 | — | 1 | N | 1 | bc | 70 | 51 | 0.28 | | |
| †Shields | 29.67 | 71 | NNW | 4 | bc | 29.78 | + | 0.10 | 67 | 55 | — | 5 | N | 3 | c | 72 | 51 | — | | |
| Spurn Head | 29.77 | 64 | NSW | 5 | c | 29.82 | + | 0.11 | 62 | 58 | — | 0 | NSW | 3 | bc | 68 | 55 | — | | |
| York | 29.78 | 63 | N | 4 | o | 29.82 | + | 0.15 | 60 | 57 | — | 4 | N | 3 | o | 70 | 53 | 0.04 | | |
| Loughborough | 29.84 | 66 | NSW | 3 | c | 29.87 | + | 0.15 | 61 | 57 | — | 2 | N | 4 | bc | 69 | 52 | — | | |
| †Ardrossan | 29.74 | 59 | NNW | 3 | b | 29.77 | + | 0.10 | 57 | 55 | — | 2 | SW | 2 | b | 62 | 51 | — | | |
| †Mullaghmore | 29.80 | 58 | N | 2 | c | 29.76 | + | 0.10 | 59 | 56 | + | 2 | SSW | 3 | c | 62 | 50 | — | | |
| Donaghadee | 29.80 | 57 | NNW | 1 | c | 29.80 | + | 0.19 | 59 | 58 | + | 1 | SSW | 1 | c | 64 | 52 | 0.05 | | |
| Parsonstown | 29.84 | 64 | SW | 1 | c | 29.81 | + | 0.07 | 59 | 56 | + | 3 | SW | 1 | bc | 66 | 49 | — | | |
| Barrow-in-Furness | 29.79 | 59 | NSW | 3 | o | 29.81 | + | 0.19 | 58 | 56 | — | 3 | NSW | 2 | o | 62 | 55 | — | | |
| †Holyhead | 29.84 | 59 | NSW | 4 | bc | 29.84 | + | 0.19 | 57 | 55 | — | 0 | SSW | 2 | c | 63 | 56 | 0.02 | | |
| Liverpool (Bidston) | 29.83 | 61 | NSW | 4 | bc | 29.84 | + | 0.19 | 60 | 57 | — | 0 | NSW | 1 | c | 64 | 56 | 0.03 | | |
| †Valencia | 29.87 | 57 | SW | 4 | bc | 29.75 | — | 0.07 | 58 | 57 | — | 0 | SSE | 5 | og | 64 | 54 | 0.07 | | |
| Roche's Point | 29.85 | 59 | NSW | 3 | bc | 29.84 | + | 0.04 | 59 | 57 | + | 1 | SSW | 2 | o | 64 | 53 | — | | |
| Pembroke | 29.90 | 59 | NSW | 3 | bc | 29.87 | + | 0.11 | 58 | 56 | — | 0 | SW | 2 | b | 60 | 55 | 0.04 | | |
| †Scilly | 29.95 | 62 | NSW | 3 | c | 29.90 | + | 0.03 | 62 | 60 | + | 4 | SSW | 3 | o | 65 | 55 | 0.04 | | |
| Prawle Point | 29.97 | 58 | NSW | 3 | c | 29.94 | + | 0.08 | 58 | 57 | + | 1 | SW | 3 | c | 61 | 53 | — | | |
| Hurst Castle | 29.95 | 62 | NSW | 6 | b | 29.95 | + | 0.11 | 60 | 57 | — | 0 | SW | 3 | c | 66 | 55 | — | | |
| †Dover | 29.91 | 61 | NSW | 4 | b | 29.92 | + | 0.09 | 63 | 58 | + | 2 | N | 3 | b | 64 | 55 | — | | |
| †London | 29.89 | 67 | N | 2 | b | 29.93 | + | 0.13 | 63 | 57 | + | 3 | SW | 3 | bc | 72 | 53 | — | | |
| Oxford | 29.91 | 60 | SW | 4 | bc | 29.90 | + | 0.14 | 61 | 57 | — | 1 | SW | 1 | c | 70 | 52 | — | | |
| Cambridge | 29.86 | 66 | SSW | 1 | c | 29.89 | + | 0.13 | 61 | 58 | — | 1 | SW | 1 | bc | 71 | 50 | — | | |
| †Yarmouth | 29.83 | 68 | N | 4 | bc | 29.87 | + | 0.11 | 60 | 56 | — | 7 | NSW | 3 | bc | 72 | 54 | — | | |
| The Helder | 29.84 | 64 | SW | 4 | o | 29.85 | + | 0.06 | 63 | 59 | — | 5 | NSW | 1 | o | 70 | 61 | — | | |
| Cape Gris Nez | 29.95 | 61 | NSW | 8 | b | 29.96 | + | 0.10 | 59 | 59 | — | 3 | NSW | 4 | b | 64 | 57 | — | | |
| †Jersey | 30.00 | 62 | NNW | 3 | b | 29.99 | + | 0.07 | 60 | 58 | — | 0 | NSW | 2 | bc | 66 | 55 | 0.01 | | |
| Brest | 30.04 | 62 | NNW | 4 | o | 30.02 | + | 0.07 | 59 | 57 | — | 0 | NNW | 4 | o | 63 | 57 | — | | |
| Lorient | 30.03 | 66 | N | 3 | bc | 30.02 | + | 0.09 | 59 | 57 | — | 3 | ENE | 1 | bc | 70 | 55 | — | | |
| †Rochefort | 30.07 | 70 | NN | 5 | b | 30.01 | — | 0.06 | 64 | 61 | — | 3 | NNW | 4 | bc | 79 | 57 | 0.04 | | |
| Biarritz | 29.96 | 70 | N | 5 | b | 30.04 | — | 0.08 | 71 | 66 | + | 2 | N | 3 | c | 73 | 66 | — | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Charleville | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Paris | 29.97 | 79 | SW | 1 | b | 29.97 | — | 0.02 | 65 | 62 | — | 1 | SW | 3 | o | * | * | 0.02 | | |
| Lyons | 29.95 | 87 | S | 1 | b | 29.95 | — | 0.11 | 70 | 64 | — | 2 | NN | 3 | c | 89 | 65 | — | | |
| Toulon | 30.13 | 78 | SW | 3 | b | 30.15 | — | 0.03 | 76 | ? | + | 2 | SSE | 3 | c | 86 | 68 | ? | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.55 | 57 | SW | 2 | o | 28.59 | + | 0.15 | 55 | 53 | — | 4 | SW | 3 | o | 61 | 51 | 0.01 | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|---|------|----|----|---|---|----|---|---|----|----|------|
| Hawes Junction | 28.55 | 57 | SW | 2 | o | 28.59 | + | 0.15 | 55 | 53 | — | 4 | SW | 3 | o | 61 | 51 | 0.07 |
|----------------|-------|----|----|---|---|-------|---|------|----|----|---|---|----|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | |
|-----------------|-------|------|------|-------|------|------|---------------|-------|------|------|-------|------|------|---|
| Skudeenaes ... | 29.75 | 67 | 60 | N | 2 | bc | Valencia ... | 29.87 | 63 | 60 | SW | 4 | bc | 4 |
| Sumburgh Head | 29.72 | 57 | 53 | ENE | 3 | c | Scilly ... | 29.95 | 65 | 61 | NSW | 4 | c | 4 |
| Stornoway ... | 29.65 | 57 | 56 | NNE | 2 | m | Dover ... | 29.89 | 64 | 60 | NSW | 4 | b | 3 |
| Aberdeen ... | 29.67 | 61 | 59 | SE | 1 | o | London ... | 29.87 | 71 | 63 | NSW | 3 | c | 2 |
| Shields ... | 29.66 | 69 | 63 | N | 2 | c | Yarmouth ... | 29.79 | 71 | 63 | NSW | 4 | bc | 3 |
| Ardrossan ... | 29.68 | 60 | 58 | SW | 1 | c | Jersey ... | 29.99 | 65 | 59 | NSW | 4 | b | 2 |
| Mullaghmore ... | 29.78 | 60 | 58 | NN | 3 | b | Rochefort ... | 30.15 | 75 | 71 | NN | 4 | b | 2 |
| Holyhead ... | 29.87 | 63 | 59 | N | 3 | c | | | | | | | | |

The rise of the barometer noticed in the SW. this morning has not extended to all parts of Great Britain. has shifted to NW. at Stornoway Mullaghmore, but is little changed elsewhere. Fair weather is reported most places. The sea is slight at Holyhead and Dover.

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; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
* AN ASTERISK is inserted in all places for which information is not usually received.
† The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

WEDNESDAY 11TH JULY

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

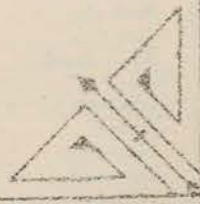
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ROBERT H. SCOTT

(SECRETARY.)



Printed by Longstaffe, Lark Lane, Finsbury, St. George's, London.

WEATHER CHARTS

for 8 a.m. on

WEDNESDAY 11th JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 forces; thus,—

→ forces above 10; → forces 8 to 10;
→ forces 6 to 7; → forces 1 to 4;

○—dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast;

thus — Rough, — High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29 827 |
| Sornoway | 29 790 |
| Wick | 29 813 |
| Nairn | 29 829 |
| Aberdeen | 29 829 |
| Leith | 29 848 |
| Shields | 29 873 |
| York | 29 902 |
| Ardrossan | 29 864 |
| Donaghadee | 29 878 |
| Bolyhead | 29 914 |
| Liverpool | 29 910 |
| Valencia | 29 946 |
| Roche's Point | 29 940 |
| Pembroke | 29 942 |
| Sally | 29 986 |
| Thurst Castle | 29 961 |
| Dover | 29 959 |
| LONDON | 29 956 |
| Oxford | 29 941 |
| Cambridge | 29 937 |
| Yarmouth | 29 934 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.6 in. or more, are quoted in figures

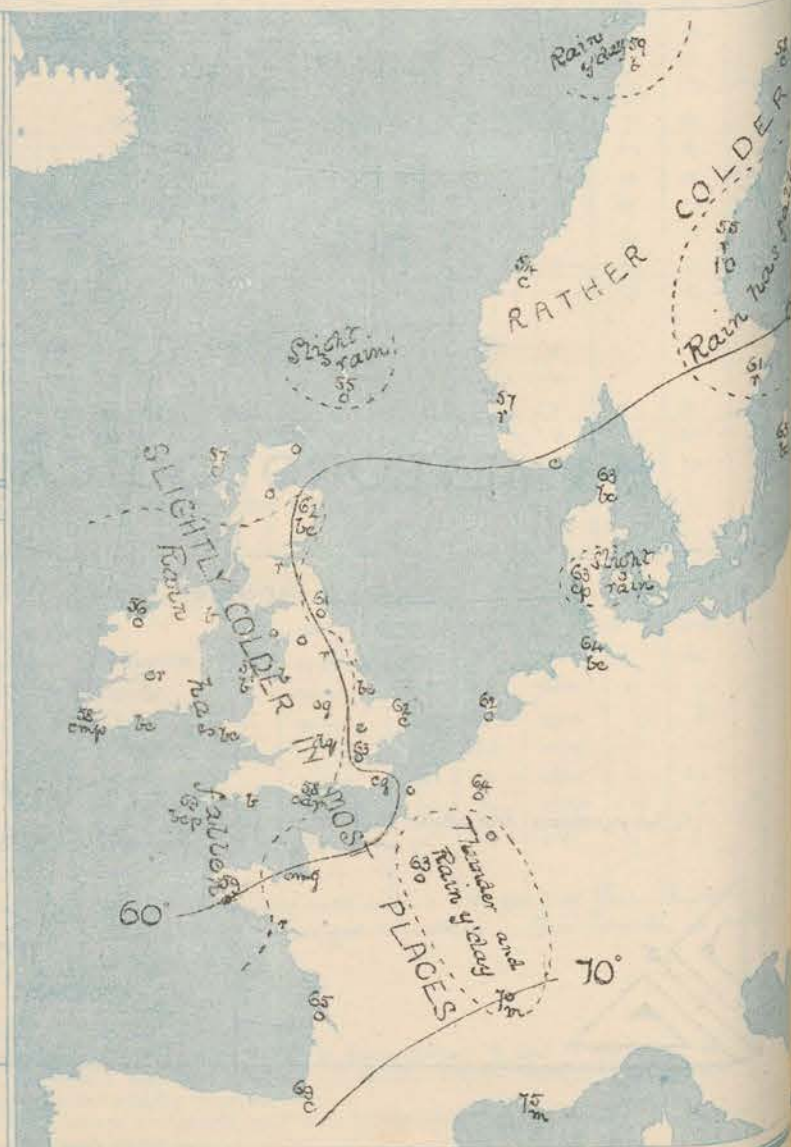
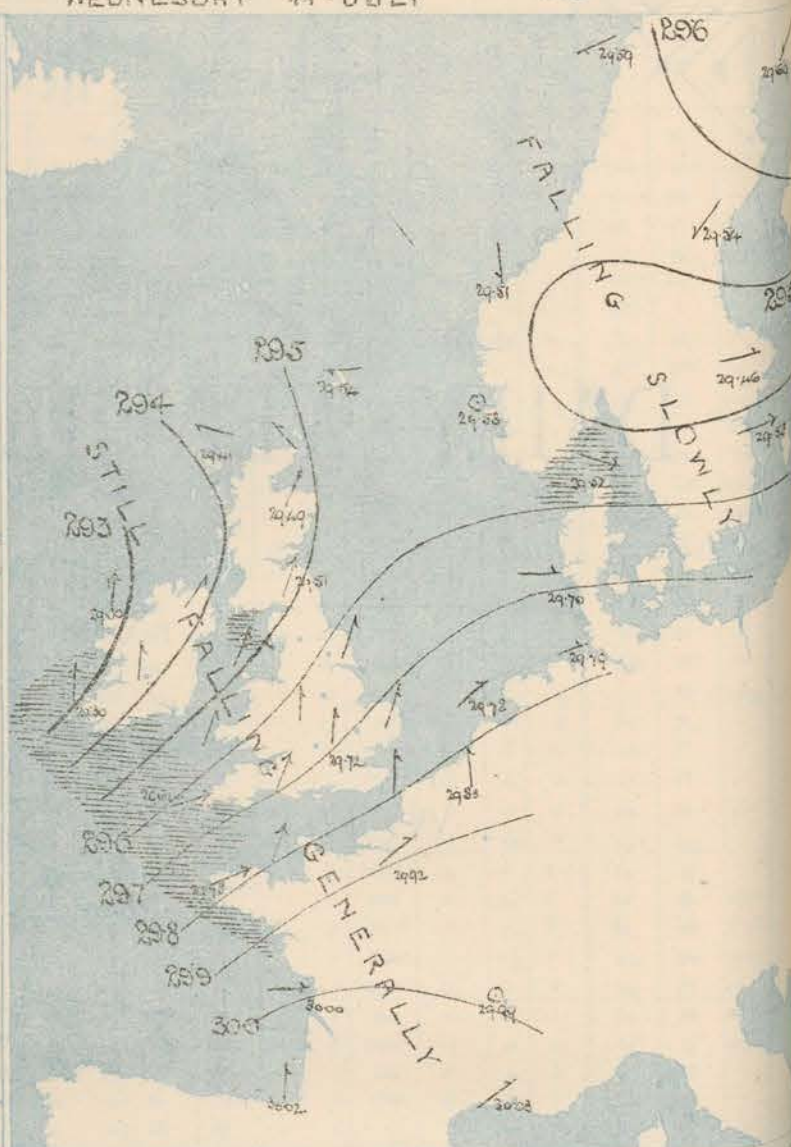
MEANS* of TEMPERATURE AT 8 A.M.

AND RAINFALL.

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| | ° | ins |
| Sumburgh Head | 53.7 | 2.06 |
| Sornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.55 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shields | 58.8 | 2.66 |
| York | 59.7 | 2.41 |
| Ardrossan | 57.8 | 2.82 |
| Donaghadee | 57.7 | 2.58 |
| Bolyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roche's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Thurst Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.6 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are from the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1865 to 1880.



REMARKS

for Wednesday 11th July 1882 at 8 a.m.

In the course of the past 24 hours a large & rather deep depression has appeared to the westward of Ireland, and the barometer has consequently fallen generally. The highest pressures are still found over the South of France. In the Nth parts of Scandinavia the wind is moderate from NE, and in the extreme N. of Scotland it is Eth, but elsewhere fresh or strong breezes from S or SE are reported. The weather varies considerably in different localities, but is upon the whole unsettled & showery. Since yesterday rain has fallen at all the western & Southern, & a few of the Northern stations. Temperature now ranges from 63° in London & at Cambridge to 55° in the Shetlands. The highest maxima registered yesterday were 72° in London, and 71° at Cambridge & Yarmouth. The sea is rough in the W. & SW, smooth in the East.

FORECASTS

for the 24 hours ending at Noon
on the

12th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS.



DISTRICTS

FORECASTS

| | |
|--------------------|--|
| 1 SCOTLAND NORTH | SE th and E th Winds, moderate; cloudy, some rain |
| 2 SCOTLAND EAST | S th Winds, moderate; showery |
| 3 ENGLAND N.E. | -----D-----D-----D----- |
| 4 ENGLAND EAST | Same as N° 5 |
| 5 MIDLAND COUNTIES | Same as N° 5 |
| 6 ENGLAND SOUTH | S th and SE th Winds, fresh to moderate; showery to fair |

DISTRICTS

FORECASTS

| | |
|------------------|---|
| 6 SCOTLAND WEST | SE th and S th Winds, moderate; changeable, some showers. |
| 7 ENGLAND N.W. | -----D-----D-----D----- |
| 8 ENGLAND S.W. | SE th Winds, fresh; fair generally, but occasional showers |
| 9 IRELAND NORTH | S th and SE th Winds, fresh or strong; changeable, some showers |
| 10 IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 11TH JULY 1883

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|-------------|------|---------------------|------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dirac. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.70 | 55 | NE | 4 | b | 29.69 | -.01 | 58 | 51 | - | 2 | NE | 4 | c | * | 63 | 43 | - | |
| Hernösand | 29.65 | 55 | NE | 2 | r | 29.64 | -.01 | 53 | 53 | - | 4 | NE | 4 | r | * | 63 | 52 | 1.02 | |
| Stockholm | 29.52 | 62 | SSE | 2 | r | 29.46 | -.06 | 61 | 60 | - | 5 | W | 2 | r | * | 73 | 35 | 0.08 | |
| Wisby | 29.56 | 63 | SW | 4 | r | 29.53 | -.03 | 63 | 59 | + | 1 | W | 6 | bc | * | 72 | 51 | - | |
| Bodö | 29.64 | 60 | ENE | 2 | b | 29.59 | -.05 | 59 | 52 | + | 2 | ENE | 2 | b | 1 | 61 | 52 | 0.24 | |
| Christiansund | 29.55 | 53 | NNE | 3 | c | 29.51 | -.04 | 54 | 51 | - | 3 | NNW | 1 | c | 1 | 59 | 48 | - | |
| †Skudesnaes | 29.58 | 60 | WNW | 2 | v | 29.58 | - | 57 | 55 | - | 2 | Z | 0 | r | 2 | 63 | 59 | - | |
| Oxö (Xiansund) | 29.49 | 60 | WSW | 6 | m | 29.53 | +.04 | 60 | 56 | + | 1 | WSW | 4 | c | 3 | 61 | 55 | - | |
| Skagen (The Skaw) | 29.51 | 62 | WSW | 6 | c | 29.52 | +.01 | 63 | 58 | + | 3 | WNW | 5 | bc | 5 | 70 | 57 | - | |
| Fanö | 29.68 | 60 | W | 4 | c | 29.70 | +.02 | 63 | 59 | 0 | WSW | 4 | cp | * | 65 | 57 | 0.04 | | |
| Cuxhaven | 29.81 | 61 | NNW | 3 | c | 29.79 | -.02 | 64 | 62 | - | 3 | WSW | 3 | bc | * | 70 | 58 | - | |
| †Sumburgh Head | 29.66 | 52 | SE | 2 | o | 29.52 | -.14 | 55 | 49 | + | 2 | E | 4 | o | 3 | 55 | 48 | 0.12 | |
| †Stornoway | 29.64 | 60 | S | 2 | c | 29.41 | -.23 | 57 | 55 | + | 2 | ESE | 3 | c | 2 | 63 | 50 | - | |
| Wick | 29.66 | 59 | N | 1 | c | 29.48 | -.18 | 58 | 55 | - | 1 | ESE | 2 | o | 1 | 67 | 51 | - | |
| Nairn | 29.69 | 61 | W | 1 | b | 29.44 | -.25 | 58 | 55 | 0 | Z | 0 | o | 1 | 65 | 54 | - | | |
| †Aberdeen | 29.65 | 64 | SSW | 1 | c | 29.49 | -.16 | 62 | 58 | + | 1 | SSW | 1 | bc | 1 | 66 | 53 | 0.07 | |
| Leith | 29.68 | 64 | W | 1 | c | 29.45 | -.23 | 57 | 56 | - | 3 | S | 1 | r | * | 68 | 54 | 0.01 | |
| †Shields | 29.73 | 65 | W | 2 | o | 29.51 | -.22 | 61 | 58 | + | 4 | SSW | 5 | o | 2 | 67 | 53 | - | |
| Spurn Head | 29.79 | 62 | W | 3 | o | 29.63 | -.16 | 62 | 58 | 0 | S | 4 | bc | 4 | 70 | 57 | - | | |
| York | 29.79 | 61 | W | 3 | o | 29.59 | -.20 | 57 | 56 | - | 3 | S | 2 | r | * | 69 | 54 | 0.02 | |
| Loughborough | 29.82 | 64 | WSW | 1 | o | 29.62 | -.20 | 59 | 56 | - | 2 | SSE | 4 | og | * | 69 | 56 | - | |
| †Ardrossan | 29.69 | 59 | SW | 1 | o | 29.39 | -.30 | 56 | 56 | - | 1 | ESE | 4 | o | 2 | 62 | 55 | 0.35 | |
| †Mullaghmore | 29.58 | 61 | S | 4 | o | 29.30 | -.28 | 56 | 53 | - | 3 | S | 5 | o | 3 | 64 | 54 | 0.67 | |
| Donaghadee | 29.70 | 57 | S | 3 | o | 29.40 | -.30 | 59 | 57 | 0 | SW | 4 | b | 2 | 65 | 53 | 0.24 | | |
| Parsonstown | 29.64 | 60 | S | 2 | r | 29.38 | -.26 | 57 | 54 | - | 2 | S | 1 | cr | * | 64 | 50 | 0.16 | |
| Barrow-in-Furness | 29.79 | 59 | SW | 3 | o | 29.52 | -.27 | 58 | 56 | 0 | SSE | 6 | o | 5 | 64 | 56 | 0.03 | | |
| †Holyhead | 29.77 | 58 | SSW | 3 | c | 29.49 | -.28 | 57 | 56 | 0 | SSW | 5 | b | 4 | 61 | 57 | 0.14 | | |
| Liverpool (Bidston) | 29.78 | 52 | WSW | 2 | o | 29.52 | -.26 | 60 | 58 | 0 | SSE | 4 | b | 3 | 66 | 56 | 0.03 | | |
| †Valencia | 29.51 | 57 | SSE | 7 | r | 29.30 | -.21 | 58 | 57 | 0 | S | 7 | comp | 6 | 60 | 52 | 0.12 | | |
| Roche's Point | 29.62 | 59 | SSW | 6 | r | 29.42 | -.20 | 58 | 55 | - | 1 | SSW | 6 | bc | 5 | 61 | 53 | 0.35 | |
| Pembroke | 29.79 | 58 | S | 3 | o | 29.54 | -.25 | 57 | 54 | - | 1 | SSW | 4 | bc | 4 | 61 | 56 | 0.02 | |
| Scilly | 29.81 | 60 | SSW | 5 | o | 29.61 | -.20 | 59 | 57 | - | 2 | WSW | 5 | bc | 6 | 65 | 55 | 0.12 | |
| Prawle Point | 29.90 | 58 | SSW | 3 | o | 29.67 | -.23 | 59 | 58 | + | 1 | SSW | 5 | b | 5 | 62 | 55 | 0.05 | |
| Hurst Castle | 29.90 | 50 | WSW | 5 | o | 29.68 | -.22 | 58 | 57 | - | 2 | SSW | 6 | odm | 4 | 65 | 57 | 0.03 | |
| †Dover | 29.89 | 62 | W | 5 | b | 29.78 | -.11 | 59 | 57 | - | 4 | SW | 1 | cg | 0 | 66 | 58 | - | |
| †London | 29.87 | 66 | WSW | 3 | c | 29.72 | -.15 | 63 | 57 | 0 | S | 3 | o | * | 72 | 56 | - | | |
| Oxford | 29.85 | 62 | SW | 3 | o | 29.65 | -.20 | 57 | 55 | - | 4 | S | 4 | ogdg | * | 68 | 56 | 0.01 | |
| Cambridge | 29.83 | 65 | SW | 1 | o | 29.67 | -.16 | 63 | 58 | + | 2 | S | 2 | c | * | 71 | 55 | - | |
| †Yarmouth | 29.83 | 69 | W | 2 | b | 29.73 | -.10 | 62 | 58 | + | 2 | SSW | 3 | c | 3 | 71 | 57 | - | |
| The Helder | 29.82 | 63 | WSW | 3 | o | 29.78 | -.04 | 62 | 59 | - | 1 | SW | 3 | o | 2 | 68 | 61 | - | |
| Cape Gris Nez | 29.95 | 59 | WSW | 7 | b | 29.79 | -.16 | 62 | 60 | + | 3 | S | 4 | o | 2 | 63 | 57 | - | |
| †Jersey | 29.94 | 61 | WNW | 1 | o | 29.75 | -.19 | 60 | 59 | 0 | SSW | 5 | comp | 4 | 66 | 58 | - | | |
| Brest | 29.95 | 60 | SSW | 5 | o | 29.78 | -.17 | 59 | 58 | 0 | WSW | 5 | o | 5 | 63 | 57 | 0.04 | | |
| †Orient | 30.02 | 62 | W | 5 | o | 29.78 | -.24 | 62 | 61 | + | 3 | SW | 8 | r | 5 | 70 | 55 | 0.04 | |
| Rochefort | 29.97 | 68 | NN | 5 | c | 30.00 | +.03 | 65 | 64 | + | 1 | W | 5 | o | 2 | 72 | 59 | - | |
| Biarritz | 30.04 | 70 | S | 4 | b | 30.02 | -.02 | 69 | 66 | - | 2 | S | 4 | c | 1 | 73 | 64 | - | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels | * | * | * | * | * | 29.83 | * | 64 | 60 | * | SSE | 4 | o | * | 72 | 58 | - | | |
| Charleville | 29.97 | 63 | SW | 3 | c | 29.90 | -.07 | 59 | 57 | * | ESE | 3 | o | * | 66 | 52 | 0.08 | | |
| Paris | 29.98 | 68 | N | 1 | bc | 29.92 | -.06 | 68 | 59 | - | 2 | SW | 3 | o | * | * | * | 0.28 | |
| Lyons | 29.97 | 70 | NN | 1 | c | 29.99 | +.02 | 70 | 66 | 0 | SE | 1 | m | * | 84 | 61 | 0.35 | | |
| Toulon | 30.05 | 75 | SW | 1 | m | 30.03 | -.02 | 75 | 68 | - | 1 | SW | 1 | m | 1 | 76 | 61 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.56 | 24 | SW | 2 | c | 28.81 | -.25 | 53 | 52 | - | 2 | SW | 3 | o | 2 | 61 | 51 | 0.13 | |

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|------|----|----|-----|----|---|---|---|----|----|------|
| Hawes Junction | 28.56 | 54 | SW | 2 | o | 28.81 | -.25 | 55 | 52 | - 2 | SW | 3 | o | 2 | 61 | 51 | 0.13 |
|----------------|-------|----|----|---|---|-------|------|----|----|-----|----|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| Skudesnaes | 29.60 | 63 | 57 | WNW | 4 | o | 2 | Valencia | 29.44 | 58 | 56 | SSE | 7 | rm | 6 |
| Sumburgh Head | 29.67 | 64 | 52 | ENE | 3 | o | 3 | Scilly | 29.87 | 63 | 60 | SSW | 5 | o | 4 |
| Stornoway | 29.67 | 63 | 57 | WSW | 4 | bc | 3 | Dover | 29.91 | 64 | 60 | WSW | 4 | b | 2 |
| Aberdeen | 29.68 | 60 | 56 | SSW | 1 | c | 1 | London | 29.88 | 69 | 61 | WSW | 3 | c | 2 |
| Shields | 29.75 | 65 | 61 | W | 4 | r | 2 | Yarmouth | 29.80 | 66 | 58 | WNW | 3 | bc | 2 |
| Ardrossan | 29.74 | 60 | 58 | S | 1 | c | 1 | Jersey | 29.97 | 63 | 58 | W | 2 | o | 3 |
| Mullaghmore | 29.67 | 62 | 56 | S | 3 | ov | 2 | Rochefort | 30.06 | 70 | 54 | NW | 5 | c | 2 |
| Holyhead | 29.81 | 58 | 57 | SSW | 4 | o | 4 | | | | | | | | |

The fall of the barometer noticed in the SW this morning has extended to all part of the Kingdom. A change has become rather brisk, and the wind there has increased to a moderate gale from SSE. weather is reported from all our western stations, and rain is falling at Shields and Valencia.

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; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

THURSDAY 12TH JULY,

1883.

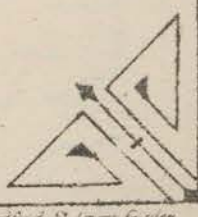
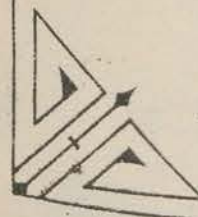
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METEOROLOGICAL OFFICE

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S. W.

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ROBERT H. SCOTT

(SECRETARY.)

Printed by J. Angerfeldt, 11, 12, Bedford St. London, W.

WEATHER CHARTS

for 8 a.m. on

THURSDAY

12th JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast;

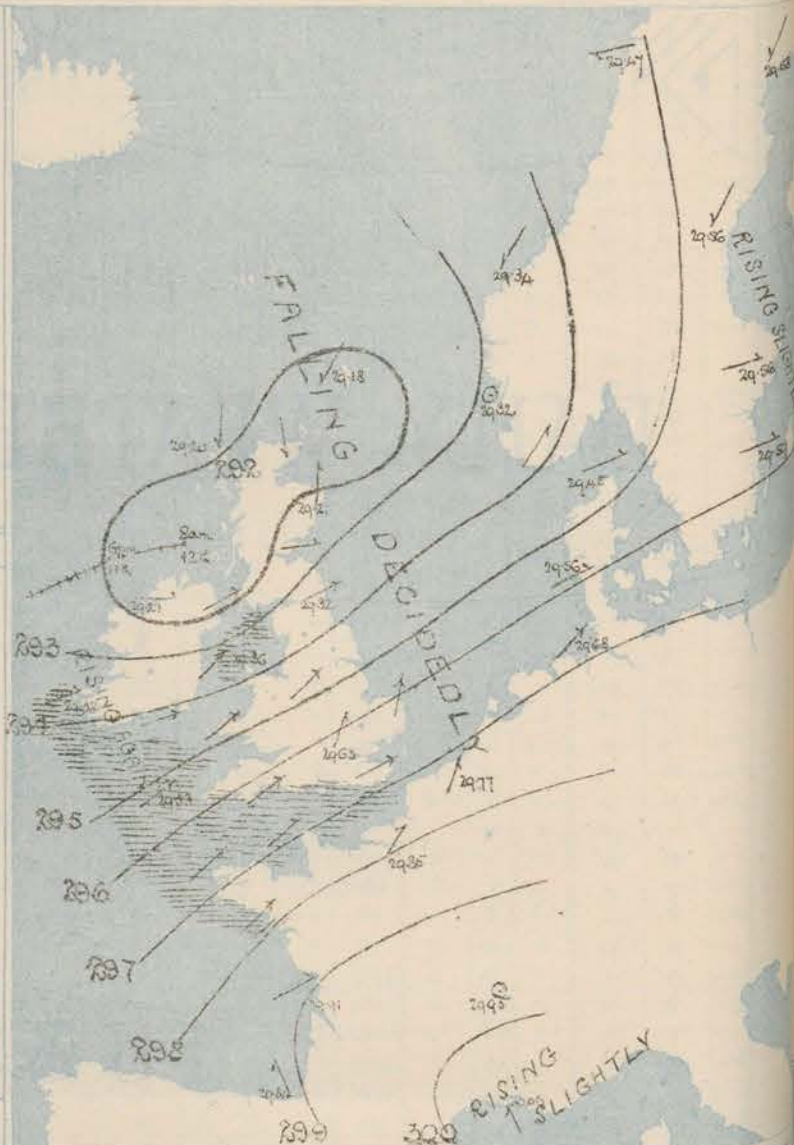
thus — Rough, — High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations | Mean Readings. |
|---------------|----------------|
| Sumburgh Head | 29.827 |
| Sarnoway | 29.799 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aburdeen | 29.829 |
| Leith | 29.843 |
| Shields | 29.872 |
| York | 29.902 |
| Ardrrossan | 29.864 |
| Donaghadee | 29.878 |
| Ballyhead | 29.911 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Rocha's Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.986 |
| Hurst Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.956 |
| Oxford | 29.943 |
| Cambridge | 29.937 |
| Vermouth | 29.939 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning

are stated in words.

Weather. Letters of the Beaufort Scale show state

of Weather at 8 a.m.

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.

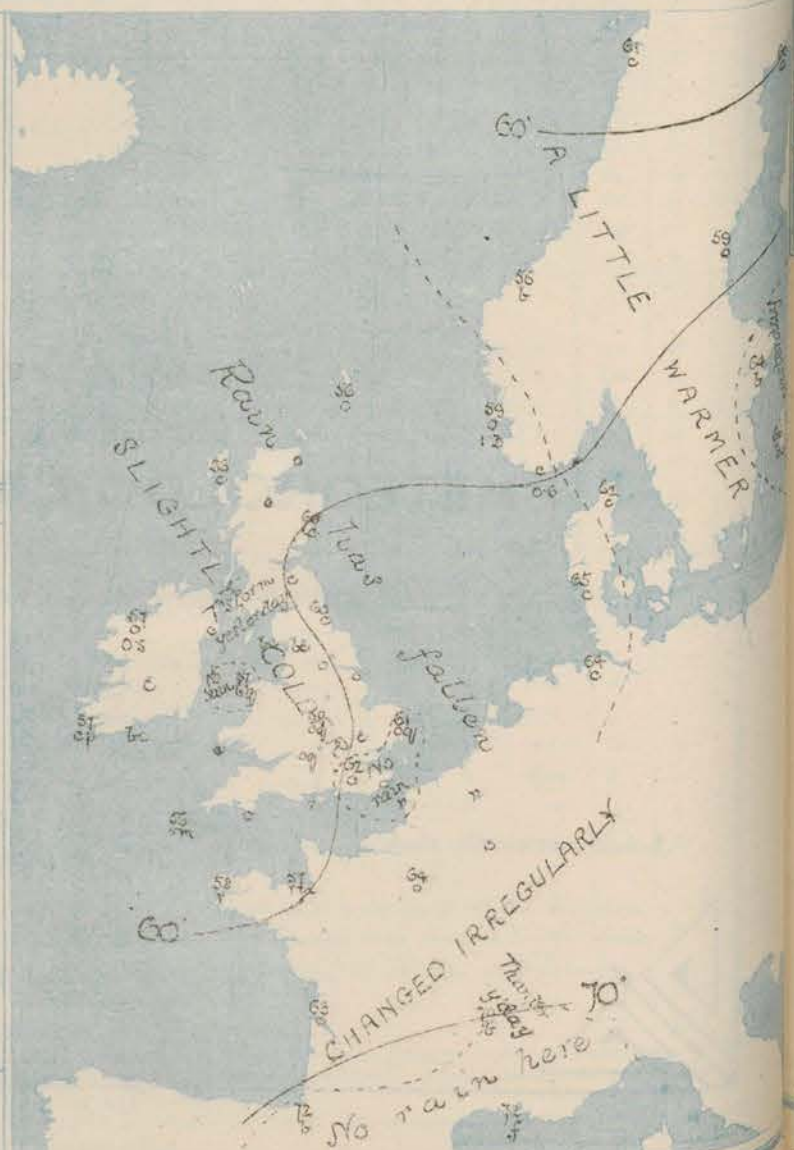
MEANS* OF TEMPERATURE AT 8 A.M.

AND RAINFALL.

for the month of July.

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Sarnoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.79 |
| Nairn | 57.4 | 2.68 |
| Aburdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shields | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrrossan | 59.8 | 2.82 |
| Donaghadee | 57.7 | 2.58 |
| Ballyhead | 58.3 | 2.79 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Rocha's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Hurst Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.6 | 2.30 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Vermouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are those for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 16 years 1868 to 1880.



REMARKS

for Thursday 12th July 1863 at 8 a.m.

The area of low pressure which was approaching the West of Ireland yesterday morning is now shown over Scotland, and the barometer continues to fall at all but the Irish stations, where a recovery has set in. Light or moderate Nth and NEth breezes prevail in the extreme North of Scotland, but at all the more Southern stations strong & gusty SWth winds are reported. The weather is cloudy or overcast in almost all places, with showers at Valencia, and steady rain at Scilly, Jersey, Brest & Portent. In the course of the past 24 hours rain has fallen in almost all parts of the country. Temperature is a little lower in most places than it was yesterday, & now ranges from 62° in London to 56° at Lumburgh Head, Stornoway, Ardrossan, Parsonstown & Scilly. The sea is rough on many parts of our Western & Southern coasts, moderate or smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

13th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | NE th winds, moderate, some showers. |
| 2 SCOTLAND EAST | Light variable breezes; cloudy, rain at times |
| 3 ENGLAND N.E. | Same as N° 5 |
| 4 ENGLAND EAST | Same as N° 5 |
| 5 MIDLAND COUNTIES | Same as N° 5 |
| 6 ENGLAND SOUTH | SW th winds, fresh and gusty; cloudy, some showers |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | SW th & N th winds, fresh; showery to fair |
| 7 ENGLAND N.W. | -----D°-----D°-----D°----- |
| 8 ENGLAND S.W. | Same as N° 5 |
| 9 IRELAND NORTH | N th winds, moderate; fair on the whole |
| 10 IRELAND SOUTH | -----D°-----D°-----D°----- |

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 12TH JULY 1883

| 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 Rain. | | | |
| | | | 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 | 29.62 | 55 | E | 4 | b | 29.58 | - .11 | 60 | 51 | + | 2 | NE | 4 | b | * | 63 | 46 | - | | |
| Hernösand | 29.55 | 57 | SSE | 2 | bc | 29.56 | + .02 | 59 | 55 | + | 4 | NE | 2 | o | * | 70 | 52 | - | | |
| Stockholm | 29.51 | 59 | Z | 0 | o | 29.52 | + .10 | 64 | 57 | + | 3 | W | 2 | b | * | 79 | 59 | 0.12 | | |
| Wisby | 29.51 | 62 | N | 6 | o | 29.59 | + .06 | 60 | 51 | - | 3 | W | 4 | bc | * | 73 | 50 | 0.04 | | |
| Bodö | 29.52 | 61 | E | 2 | c | 29.47 | - .12 | 61 | 55 | + | 2 | E | 4 | c | 1 | 66 | 51 | - | | |
| Christiansund | 29.48 | 56 | N | 1 | c | 29.32 | - .17 | 56 | 52 | + | 2 | NE | 3 | b | 2 | 59 | 50 | - | | |
| †Skudesnaes | 29.48 | 59 | ESE | 2 | r | 29.32 | - .26 | 59 | 57 | + | 2 | Z | 0 | o | 3 | 62 | 57 | 1.34 | | |
| Oxö (Christiansund) | 29.53 | 58 | SW | 2 | bc | 29.38 | - .15 | 59 | 58 | - | 1 | SW | 4 | c | 3 | 61 | 55 | 0.55 | | |
| Skagen (The Skaw) | 29.56 | 61 | WSW | 3 | b | 29.45 | - .07 | 62 | 59 | - | 1 | WSW | 3 | c | 4 | 68 | 57 | - | | |
| Fanö | 29.59 | 61 | WSW | 5 | c | 29.56 | - .14 | 65 | 62 | + | 2 | WSW | 4 | c | * | 68 | 59 | 0.31 | | |
| Cuxhaven | 29.70 | 60 | WSW | 1 | b | 29.68 | - .11 | 64 | 62 | 0 | SW | 5 | c | * | 72 | 57 | 0.38 | | | |
| †Sumburgh Head | 29.38 | 54 | E | 5 | r | 29.18 | - .36 | 56 | 55 | + | 1 | NE | 2 | o | 3 | 56 | 52 | 0.38 | | |
| †Stornoway | 29.27 | 56 | NE | 3 | cp | 29.20 | - .21 | 56 | 54 | - | 1 | N | 4 | c | 3 | 61 | 49 | 0.09 | | |
| Wick | 29.29 | 55 | ESE | 2 | f | 29.17 | - .31 | 57 | 56 | - | 1 | NNW | 1 | o | 1 | 60 | 51 | 0.03 | | |
| Nairn | 29.25 | 61 | Z | 0 | c | 29.18 | - .26 | 57 | 54 | - | 1 | Z | 0 | o | 1 | 66 | 52 | 0.10 | | |
| †Aberdeen | 29.26 | 59 | SSE | 1 | bc | 29.21 | - .28 | 60 | 57 | - | 2 | S | 1 | c | 2 | 65 | 51 | 0.01 | | |
| Leith | 29.30 | 61 | SSW | 1 | o | 29.22 | - .23 | 61 | 57 | + | 4 | W | 2 | c | * | 69 | 53 | 0.07 | | |
| †Shields | 29.38 | 65 | WSW | 5 | c | 29.32 | - .19 | 60 | 56 | - | 1 | WSW | 6 | c | 2 | 69 | 52 | 0.03 | | |
| Spurn Head | 29.46 | 65 | WSW | 4 | c | 29.47 | - .16 | 59 | 56 | - | 3 | SSW | 5 | o | 4 | 70 | 55 | 0.06 | | |
| York | 29.45 | 61 | WSW | 3 | o | 29.40 | - .19 | 60 | 56 | + | 3 | SSW | 4 | o | * | 70 | 56 | 0.05 | | |
| Loughborough | 29.57 | 63 | SW | 5 | bc | 29.49 | - .13 | 59 | 55 | 0 | SW | 6 | oq | * | 70 | 56 | 0.05 | | | |
| †Ardrossan | 29.26 | 57 | S | 3 | c | 29.19 | - .20 | 56 | 55 | 0 | S | 4 | o | 3 | 61 | 55 | 0.20 | | | |
| †Mullaghmore | 29.14 | 59 | SW | 5 | cgp | 29.21 | - .09 | 57 | 56 | + | 1 | W | 4 | o | 4 | 63 | 54 | 0.17 | | |
| Donaghadee | 29.27 | 54 | SSW | 3 | r | 29.19 | - .21 | 58 | 56 | - | 1 | WSW | 5 | c | 3 | 63 | 50 | 0.28 | | |
| Parsonstown | 29.26 | 59 | SW | 2 | c | 29.32 | - .06 | 56 | 54 | - | 1 | S | 1 | a | * | 64 | 53 | 0.35 | | |
| Barrow-in-Furness | 29.38 | 60 | SW | 5 | r | 29.37 | - .15 | 57 | 54 | - | 1 | SW | 4 | bc | 5 | 64 | 55 | 0.02 | | |
| †Holyhead | 29.38 | 58 | SSW | 6 | cq | 29.36 | - .13 | 57 | 55 | 0 | SW | 6 | bcq | 5 | 61 | 57 | - | | | |
| Liverpool (Bidston) | 29.42 | 60 | SW | 4 | c | 29.38 | - .14 | 58 | 55 | - | 2 | S | 3 | o | 4 | 67 | 56 | 0.05 | | |
| †Valencia | 29.30 | 57 | SW | 7 | cmq | 29.38 | + .08 | 57 | 56 | - | 1 | WSW | 4 | cp | 5 | 62 | 50 | 0.14 | | |
| Roche's Point | 29.37 | 58 | SW | 6 | bc | 29.39 | - .02 | 57 | 54 | - | 1 | WSW | 5 | bc | 4 | 61 | 52 | 0.18 | | |
| Pembroke | 29.45 | 57 | SW | 6 | o | 29.44 | - .10 | 57 | 55 | 0 | SW | 6 | c | 4 | 60 | 54 | 0.38 | | | |
| †Scilly | 29.59 | 60 | WSW | 6 | cp | 29.55 | - .08 | 56 | 55 | - | 3 | SW | 5 | rm | 6 | 63 | 56 | 0.12 | | |
| Prawle Point | 29.65 | 58 | SSW | 6 | c | 29.60 | - .07 | 57 | 56 | - | 2 | SSW | 6 | o | 6 | 63 | 55 | 0.07 | | |
| Hurst Castle | 29.68 | 60 | WSW | 7 | c | 29.64 | - .04 | 58 | 57 | 0 | SW | 6 | r | 5 | 65 | 57 | 0.06 | | | |
| †Dover | 29.65 | 63 | WSW | 4 | b | 29.68 | - .10 | 59 | 57 | 0 | WSW | 5 | o | 4 | 64 | 58 | - | | | |
| †London | 29.61 | 65 | SW | 6 | bc | 29.63 | - .09 | 62 | 57 | - | 1 | SSW | 4 | o | * | 70 | 57 | - | | |
| Oxford | 29.58 | 60 | SW | 5 | c | 29.56 | - .09 | 59 | 55 | + | 2 | SSW | 3 | oq | * | 68 | 56 | 0.05 | | |
| Cambridge | 29.55 | 64 | SW | 2 | c | 29.56 | - .11 | 60 | 57 | - | 3 | SSW | 2 | c | * | 71 | 54 | 0.01 | | |
| †Yarmouth | 29.55 | 67 | WSW | 5 | cq | 29.59 | - .14 | 61 | 56 | - | 1 | SSW | 5 | cq | 3 | 70 | 55 | - | | |
| The Helder | | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.70 | 60 | SSW | 8 | c | 29.69 | - .10 | 60 | 58 | - | 2 | SSW | 8 | r | 6 | 66 | 57 | - | | |
| †Jersey | 29.74 | 61 | WSW | 5 | um | 29.70 | - .05 | 57 | 57 | - | 3 | SW | 4 | rm | 4 | 66 | 56 | 0.16 | | |
| Brest | 29.78 | 60 | SW | 7 | mv | 29.73 | - .05 | 58 | 56 | - | 1 | SW | 7 | r | 6 | 63 | 57 | 0.08 | | |
| Lorient | 29.81 | 62 | WSW | 8 | r | 29.71 | - .07 | 61 | 58 | - | 1 | SW | 7 | r | 5 | 68 | 55 | 0.04 | | |
| †Rochefort | 29.99 | 68 | WSW | 7 | o | 29.91 | - .09 | 63 | ? | - | 2 | WSW | 3 | o | 2 | 72 | 59 | 0.08 | | |
| Biarritz | 29.96 | 72 | WSW | 1 | bc | 29.84 | - .18 | 72 | 68 | + | 3 | SE | 1 | b | 1 | 75 | 64 | - | | |
| Corunna | * | * | * | * | * | | | | * | | | | | | | * | * | * | | |
| Brussels | * | * | * | * | * | 29.77 | - .06 | 60 | 56 | - | 4 | SSW | 4 | r | * | 71 | 59 | 0.04 | | |
| Charleville | ? | ? | ? | ? | ? | 29.86 | - .04 | 60 | 56 | + | 1 | SSW | 3 | o | * | 67 | 52 | - | | |
| Paris | 29.86 | 66 | SSW | 4 | o | 29.85 | - .07 | 64 | 60 | + | 1 | SSW | 4 | o | * | * | * | 0.02 | | |
| Lyons | 29.89 | 77 | N | 4 | c | 29.95 | - .04 | 70 | 65 | 0 | ENE | 1 | b | * | 79 | 62 | - | | | |
| Toulon | 30.05 | 75 | SW | 1 | m | 30.06 | + .03 | 77 | 70 | - | 3 | SE | 4 | f | 2 | 79 | 68 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.19 | 55 | SSW | 2 | o | 28.12 | - .19 | 54 | 51 | + | 1 | SSW | 3 | bc | * | 59 | 50 | 0.25 | | |

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

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-------|----|----|---|---|-----|---|----|---|----|----|------|
| Hawes Junction | 28.19 | 55 | SSW | 2 | o | 28.12 | - .19 | 54 | 51 | + | 1 | SSW | 3 | bc | * | 59 | 50 | 0.25 |
|----------------|-------|----|-----|---|---|-------|-------|----|----|---|---|-----|---|----|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|---|-----|---|
| Skudesnaes | 29.56 | 62 | 55 | SW | 2 | c | 2 | Valencia | 29.30 | 60 | 58 | SW | 7 | cmq | 7 |
| Sumburgh Head | 29.47 | 54 | 52 | E | 4 | o | 4 | Scilly | 29.60 | 62 | 59 | SW | 6 | cp | 6 |
| Stornoway | 29.31 | 58 | 36 | E | 3 | d | 2 | Dover | 29.67 | 61 | 59 | SW | 5 | cq | 3 |
| Aberdeen | 29.38 | 58 | 57 | SSE | 1 | df | 1 | London | 29.61 | 68 | 58 | SW | 5 | bcq | 3 |
| Shields | 29.40 | 68 | 60 | WSW | 5 | c | 3 | Yarmouth | 29.61 | 65 | 61 | SSW | 6 | cq | 4 |
| Ardrossan | 29.33 | 60 | 57 | SSW | 2 | bc | 2 | Jersey | 29.74 | 66 | 60 | W | 4 | bc | 2 |
| Mullaghmore | 29.20 | 57 | 54 | SSW | 4 | cgp | 3 | Rochefort | 30.00 | 68 | 63 | SW | 7 | o | |
| Holyhead | 29.43 | 61 | 58 | SSW | 6 | bcq | 5 | | | | | | | | |

The barometer is inclined to rise again in the SW, but continues to fall elsewhere. Fresh or strong SW winds reported from all stations excepting Stornoway and Aberdeen, where light E or SE breezes continue. Rain is falling in Scotland, and passing showers in many other parts of the Kingdom.

EXPLANATION OF COLUMNS.

WEATHER.—Bouffort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

FRIDAY 13th JULY.

1883.

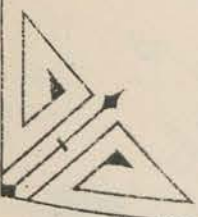
ISSUED BY THE

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116, Victoria St. LONDON.

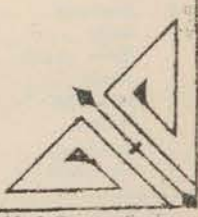
S. W.

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ROBERT H. SCOTT

(SECRETARY.)



Printed by J. G. & Co. at the Victoria Press, London.

WEATHER CHARTS

for 8 a.m. on

FRIDAY 13TH JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast, thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations. | Mean Readings. |
|---------------|----------------|
| Sumburgh Head | 29 827 |
| Stornoway | 29 799 |
| Wick | 29 813 |
| Nairn | 29 824 |
| Aberdeen | 29 829 |
| Leith | 29 848 |
| Glasgow | 29 873 |
| York | 29 902 |
| Ardrossan | 29 864 |
| Donaghadee | 29 878 |
| Ballyhead | 29 913 |
| Liverpool | 29 970 |
| Valencia | 29 944 |
| Roche's Point | 29 940 |
| Pembroke | 29 942 |
| Silly | 29 986 |
| Burk Castle | 29 961 |
| Dover | 29 959 |
| LONDON | 29 965 |
| Oxford | 29 941 |
| Cambridge | 29 937 |
| Vermouth | 29 939 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.6 in. or more, are quoted in figures.

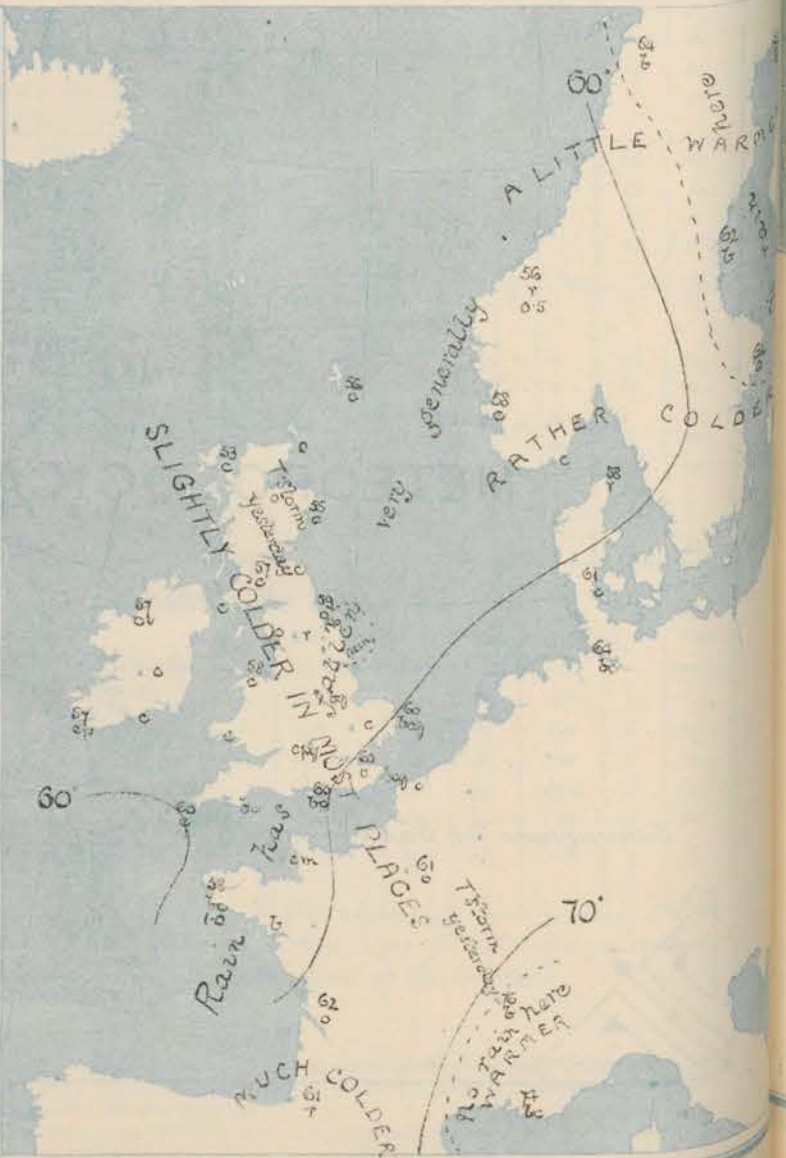
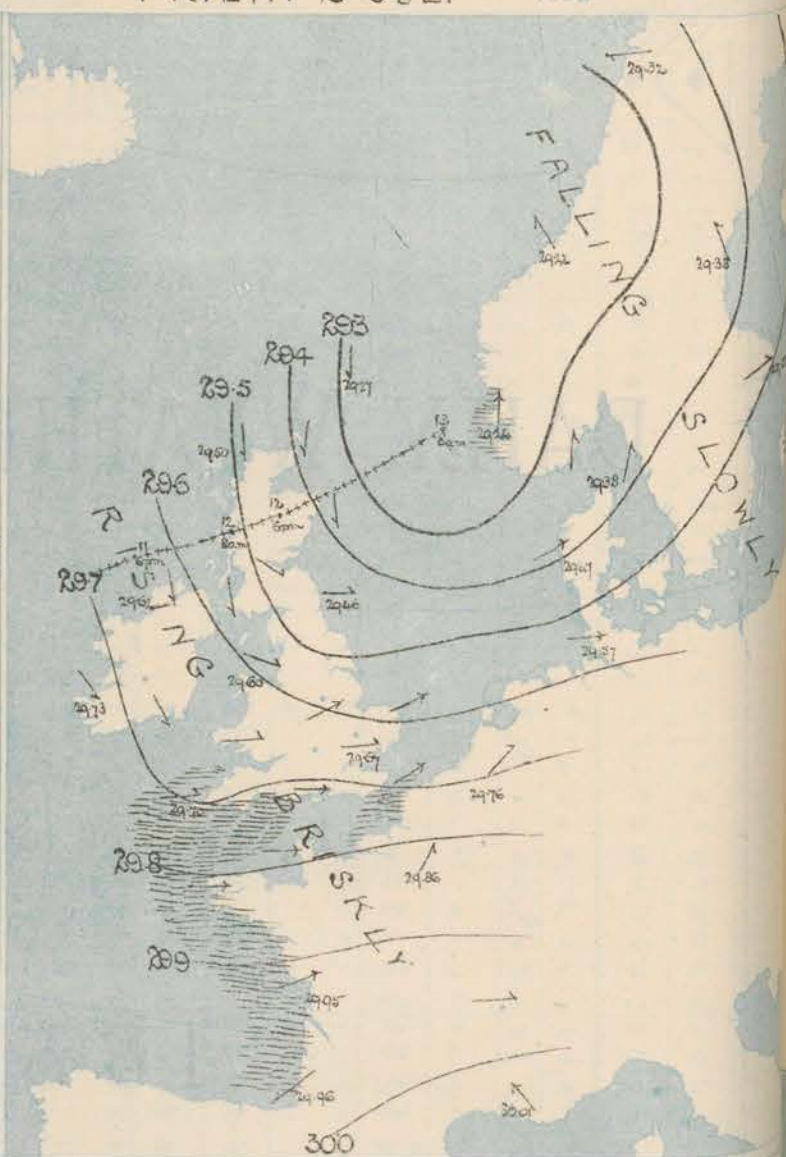
MEANS* OF TEMPERATURE AT 8 A.M.

AND RAINFALL.

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Stornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.79 |
| Nairn | 57.4 | 2.55 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.7 | 2.62 |
| Glasgow | 59.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 57.8 | 2.32 |
| Donaghadee | 57.7 | 2.56 |
| Ballyhead | 58.3 | 2.79 |
| Liverpool | 59.8 | 3.07 |
| Valencia | 60.0 | 3.59 |
| Roche's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Silly | 60.3 | 1.96 |
| Burk Castle | 61.7 | 2.37 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Vermouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Friday 13th July 1883 at 8 a.m.

The area of low pressure noticed over Scotland yesterday has continued to travel in a NE^{ly} direction, & is now found off the West of Norway. The barometer is consequently falling on the Eastern shores of the North Sea, but in all parts of our Islands & France a decided recovery is in progress. Moderate NW^{ly} winds prevail on the Irish & Scotch coasts, and fresh W^{ly} breezes at our Southern, South-eastern and the French stations, but in Scandinavia the wind is generally S^{ly}. Fine weather is reported from the SE of England & many parts of France, but elsewhere the sky is more or less cloudy & showers are falling at Valencia. In the course of yesterday rain fell at the majority of stations & thunderstorms were experienced at Wick & Aberdeen, as well as over Central France. Temperature ranges from 60° at Scilly, Hurst Castle, Yarmouth & in London to 54° at Naom. The highest maxima were registered yesterday on the E coast of England; at Spanish Pt. the thermometer rose to 70°, but in London it did not exceed 64°. The sea is rather rough in the Channel.

FORECASTS

for the 24 hours ending at Noon

on the

14th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | N ^{ly} to NW ^{ly} winds, moderate; fair on the whole |
| 2 SCOTLAND EAST | -----D-----D-----D----- |
| 3 ENGLAND N.E. | Same as N ^o 5 |
| 4 ENGLAND EAST | Same as N ^o 5 |
| 5 MIDLAND COUNTIES | Same as N ^o 5 |
| 6 ENGLAND SOUTH | N ^{ly} winds, moderate; fair on the whole, but showers locally. Warmer |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | NW ^{ly} to N ^{ly} winds, moderate; fair on the whole |
| 7 ENGLAND N.W. | -----D-----D-----D----- |
| 8 ENGLAND S.W. | N ^{ly} to SW ^{ly} winds, moderate; fair to unsettled and showery |
| 9 IRELAND NORTH | Wind backing to H. or SW; fair to unsettled and some rain |
| 10 IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 13TH JULY 1883

| 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. | | Difference from 8 a.m. yesterday. | WIND. | | Force. (0 to 12). | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rain. | | | | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | | Dir. | Force. (0 to 12). | | | | Max. | Min. | | | | | | |
| Haparanda | 29.52 | 56 | Z | 0 | b | 29.52 | — .06 | 62 | 54 | + | 2 | NE | 2 | b | * | 66 | 45 | — | | | | | |
| Hernösand | 29.49 | 55 | Z | 0 | b | 29.38 | — .18 | 62 | 58 | + | 3 | S | 4 | b | * | 73 | 54 | — | | | | | |
| Stockholm | 29.57 | 60 | SSW | 2 | b | 29.52 | — .04 | 64 | 59 | 0 | WSW | 4 | 0 | * | * | 73 | 57 | — | | | | | |
| Wisby | 29.59 | 60 | W | 4 | r | 29.56 | — .03 | 65 | 60 | + | 7 | SW | 6 | 0 | * | 73 | 59 | 0.04 | | | | | |
| Bodö | 29.39 | 66 | E | 2 | b | 29.32 | — .15 | 64 | 55 | + | 3 | E | 4 | b | 1 | 72 | 57 | — | | | | | |
| Christiansund | 29.28 | 55 | ENE | 1 | r | 29.22 | — .12 | 56 | 54 | 0 | SE | 1 | r | 1 | * | 61 | 52 | 0.47 | | | | | |
| †Skudesnaes | 29.31 | 59 | S | 6 | c | 29.24 | — .08 | 58 | 56 | — | 1 | S | 6 | c | 5 | 63 | 52 | — | | | | | |
| Öxö (Xtiansund) | 29.43 | 58 | SSW | 4 | m | 29.34 | — .04 | 57 | 57 | — | 2 | S | 4 | 0 | 3 | 63 | 55 | 0.16 | | | | | |
| Skagen (The Skaw) | 29.50 | 60 | SW | 3 | c | 29.38 | — .07 | 58 | 58 | — | 4 | SSW | 3 | r | 3 | 68 | 55 | 0.24 | | | | | |
| Fanö | 29.54 | 60 | SW | 4 | r | 29.47 | — .09 | 61 | 59 | — | 4 | WSW | 6 | c | * | 68 | 57 | 0.24 | | | | | |
| Cuxhaven | 29.69 | 61 | WSW | 4 | r | 29.57 | — .11 | 64 | 63 | 0 | W | 5 | b | * | * | 66 | 59 | 0.10 | | | | | |
| †Sumburgh Head | 29.30 | 58 | NE | 3 | 0 | 29.27 | + | 29 | 36 | — | 0 | N | 4 | c | 4 | 59 | 48 | 0.06 | | | | | |
| †Stornoway | 29.31 | 54 | N | 5 | b | 29.50 | + | 30 | 53 | — | 3 | NNW | 4 | e | 3 | 57 | 47 | 0.13 | | | | | |
| Wick | 29.23 | 57 | N | 2 | 0 | 29.38 | + | 21 | 36 | — | 1 | N | 4 | 0 | 2 | 63 | 47 | 0.31 | | | | | |
| Nairn | 29.23 | 57 | WNW | 2 | c | 29.44 | + | 26 | 54 | — | 3 | NW | 3 | 0 | 2 | 66 | 51 | 0.03 | | | | | |
| †Aberdeen | 29.19 | 60 | SSW | 1 | c | 29.42 | + | 21 | 55 | — | 5 | NNW | 2 | c | 2 | 65 | 51 | 0.12 | | | | | |
| Leith | 29.19 | 61 | W | 2 | c | 29.44 | + | 22 | 58 | — | 3 | N | 1 | c | * | 65 | 53 | 0.06 | | | | | |
| †Shields | 29.28 | 65 | SW | 7 | c | 29.46 | + | 14 | 59 | — | 1 | W | 3 | 0 | 2 | 67 | 53 | — | | | | | |
| Spurn Head | 29.40 | 61 | SSW | 5 | c | 29.52 | + | 05 | 59 | — | 0 | WSW | 5 | c | 4 | 70 | 53 | — | | | | | |
| York | 29.36 | 60 | W | 3 | c | 29.49 | + | 09 | 59 | — | 1 | W | 3 | c | * | 69 | 51 | 0.07 | | | | | |
| Loughborough | 29.42 | 62 | SW | 4 | b | 29.58 | + | 09 | 58 | — | 1 | WSW | 5 | b | * | 64 | 52 | 0.01 | | | | | |
| †Ardrossan | 29.23 | 59 | WSW | 1 | c | 29.47 | + | 28 | 57 | + | 1 | NNW | 3 | c | 2 | 59 | 52 | 0.18 | | | | | |
| †Mullaghmore | 29.24 | 59 | NW | 5 | c | 29.62 | + | 41 | 57 | — | 0 | NNW | 5 | ov | 4 | 62 | 56 | 0.07 | | | | | |
| Donaghadee | 29.28 | 67 | SSW | 3 | r | 29.54 | + | 35 | 57 | — | 1 | NNW | 3 | c | 1 | 64 | 50 | 0.24 | | | | | |
| Parsonstown | 29.39 | 56 | SW | 1 | r | 29.66 | + | 34 | 55 | — | 1 | S | 1 | 0 | * | 62 | 51 | 0.25 | | | | | |
| Barrow-in-Furness | 29.51 | 59 | SW | 4 | c | 29.51 | + | 14 | 55 | — | 2 | NNW | 3 | 0 | 4 | 63 | 54 | — | | | | | |
| †Holyhead | 29.35 | 58 | SSW | 4 | b | 29.60 | + | 24 | 58 | — | 1 | WNW | 3 | c | 4 | 60 | 57 | 0.02 | | | | | |
| Liverpool (Bidston) | 29.34 | 60 | SW | 5 | b | 29.56 | + | 18 | 55 | — | 3 | WSW | 4 | 0 | 4 | 65 | 54 | 0.02 | | | | | |
| †Valencia | 29.47 | 60 | W | 4 | cm | 29.73 | + | 35 | 57 | — | 0 | NW | 3 | cp | 3 | 64 | 51 | 0.10 | | | | | |
| Roche's Point | 29.42 | 59 | WNW | 3 | c | 29.65 | + | 26 | 57 | — | 0 | NW | 3 | c | 3 | 63 | 50 | 0.12 | | | | | |
| Pembroke | 29.43 | 58 | WSW | 4 | c | 29.63 | + | 49 | 57 | — | 0 | W | 3 | c | 3 | 60 | 55 | — | | | | | |
| †Scilly | 29.52 | 61 | WSW | 5 | c | 29.70 | + | 17 | 60 | — | 4 | W | 4 | c | 5 | 62 | 55 | 0.02 | | | | | |
| Prawle Point | 29.54 | 57 | SW | 3 | b | 29.72 | + | 12 | 57 | — | 0 | WSW | 4 | b | 5 | 58 | 54 | 0.19 | | | | | |
| Hurst Castle | 29.50 | 58 | SW | 1 | c | 29.70 | + | 06 | 60 | — | 2 | W | 5 | c | 3 | 60 | 56 | 0.30 | | | | | |
| †Dover | 29.54 | 60 | SSW | 3 | or | 29.68 | + | 00 | 58 | — | 1 | WSW | 5 | b | 4 | 61 | 55 | 0.24 | | | | | |
| †London | 29.48 | 58 | SSW | 2 | 0 | 29.67 | + | 04 | 60 | — | 2 | W | 3 | c | * | 64 | 53 | 0.19 | | | | | |
| Oxford | 29.48 | 58 | SW | 3 | c | 29.64 | + | 08 | 58 | — | 1 | WSW | 5 | cp | * | 63 | 53 | 0.07 | | | | | |
| Cambridge | 29.46 | 58 | S | 2 | p | 29.62 | + | 06 | 59 | — | 1 | SW | 1 | c | * | 65 | 50 | 0.06 | | | | | |
| †Yarmouth | 29.50 | 60 | SSW | 4 | or | 29.60 | + | 01 | 60 | — | 1 | WSW | 5 | b | 3 | 68 | 53 | 0.06 | | | | | |
| The Helder | | | | | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.49 | 65 | W | 8 | r | 29.69 | + | 00 | 58 | — | 2 | WSW | 8 | c | 6 | 68 | 55 | 0.20 | | | | | |
| †Jersey | 29.57 | 58 | WNW | 5 | cm | 29.77 | + | 07 | 59 | — | 2 | W | 5 | cm | 4 | 66 | 55 | 0.43 | | | | | |
| Brest | 29.68 | 62 | NW | 7 | 0 | 29.80 | + | 07 | 58 | — | 0 | W | 5 | b | 5 | 61 | 55 | 0.05 | | | | | |
| Lorient | 29.64 | 62 | WNW | 8 | b | 29.82 | + | 11 | 59 | — | 2 | W | 5 | b | 5 | 68 | 52 | 0.32 | | | | | |
| †Roche fort | 29.82 | 71 | W | 8 | 0 | 29.95 | + | 04 | 62 | — | 1 | WSW | 7 | 0 | 2 | 84 | 55 | 0.12 | | | | | |
| Biarritz | 29.84 | 80 | W | 3 | b | 29.96 | + | 12 | 61 | — | 11 | NE | 4 | r | 5 | 91 | 59 | 0.04 | | | | | |
| Corunna | * | * | * | * | * | | | | | | | | | | * | * | * | | | | | | |
| Brussels | * | * | * | * | * | 29.76 | — | 01 | 59 | — | 1 | SW | 4 | 0 | * | 71 | 58 | 0.20 | | | | | |
| Charleville | 29.67 | 75 | S | 5 | b | 29.82 | — | 04 | 60 | — | 0 | WSW | 4 | 0 | * | 76 | 57 | 0.04 | | | | | |
| Paris | 29.65 | 63 | SW | 5 | c | 29.86 | + | 01 | 61 | — | 3 | SW | 5 | 0 | * | * | * | 0.43 | | | | | |
| Lyons | 29.77 | 82 | S | 5 | b | ? | ? | 76 | 65 | + | 6 | W | 1 | b | * | ? | ? | — | | | | | |
| Toulon | 30.06 | 73 | SSE | 5 | f | 30.01 | — | 05 | 74 | — | 2 | SE | 5 | b | 2 | ? | 59 | — | | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.12 | 53 | SW | 4 | b | 28.30 | + | 18 | 50 | — | 4 | SW | 4 | r | * | 57 | 49 | 0.12 | | | | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|---|----|----|---|---|----|---|---|----|----|------|
| Hawes Junction | 28.12 | 53 | SW | 4 | b | 28.30 | + | 18 | 50 | — | 4 | SW | 4 | r | 57 | 49 | 0.12 |
|----------------|-------|----|----|---|---|-------|---|----|----|---|---|----|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Woa. | Sea. | | Bar. | Dry. | Wet. | Wind. | Woa. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|----------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.34 | 62 | 57 | S | 8 | c | 4 | Valencia ... | 29.43 | 62 | 58 | W | 3 | cm | 4 |
| Sumburgh Head | 29.18 | 55 | 54 | NE | 3 | o | 3 | Scilly ... | 29.50 | 59 | 57 | WSW | 4 | o | 3 |
| Stornoway ... | 29.26 | 55 | 53 | N | 5 | p | 4 | Dover ... | 29.61 | 60 | 58 | SW | 4 | op | * |
| Aberdeen ... | 29.20 | 58 | 56 | S | 1 | p | 2 | London ... | 29.56 | 61 | 58 | SSW | 3 | st | 4 |
| Shields ... | 29.29 | 67 | 61 | SW | 7 | c | 2 | Yarmouth ... | 29.55 | 68 | 59 | SW | 5 | cq | 5 |
| Ardrossan ... | 29.19 | 57 | 57 | SW | 2 | p | 2 | Jersey ... | 29.57 | 62 | 61 | SSW | 6 | r | 2 |
| Mullaghmore ... | 29.29 | 60 | 57 | NW | 5 | c | 4 | Roche fort ... | 29.86 | 82 | 76 | SSW | 5 | br | * |
| Holyhead ... | 29.34 | 60 | 57 | SSW | 6 | bq | 5 | | | | | | | | |

The rise of the barometer which had commenced in Ireland this morning has apparently extended to the W. of Scotland but elsewhere the mercury continues to fall. The SW winds in the S have fallen moderate. Showery rain is still reported from many of our E and N stations. The sea is rather rough at Holyhead, slight at ...

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. mist; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and ...
 and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SATURDAY 14TH JULY,

1883.

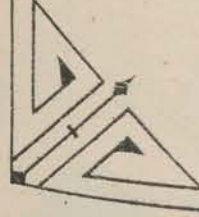
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METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

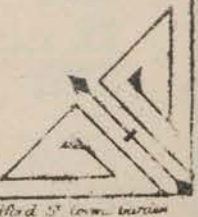
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ROBERT H. SCOTT

(SECRETARY)



Printed by J. Longman, 11th St. Bedford St. London.

WEATHER CHARTS

for 8 a.m. on

SATURDAY

14TH JULY

1883

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer since previous morning are stated in words.

Wind. Arrows show the prevalent winds.

They fly with the wind, and their bars 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 by shading round the coast,

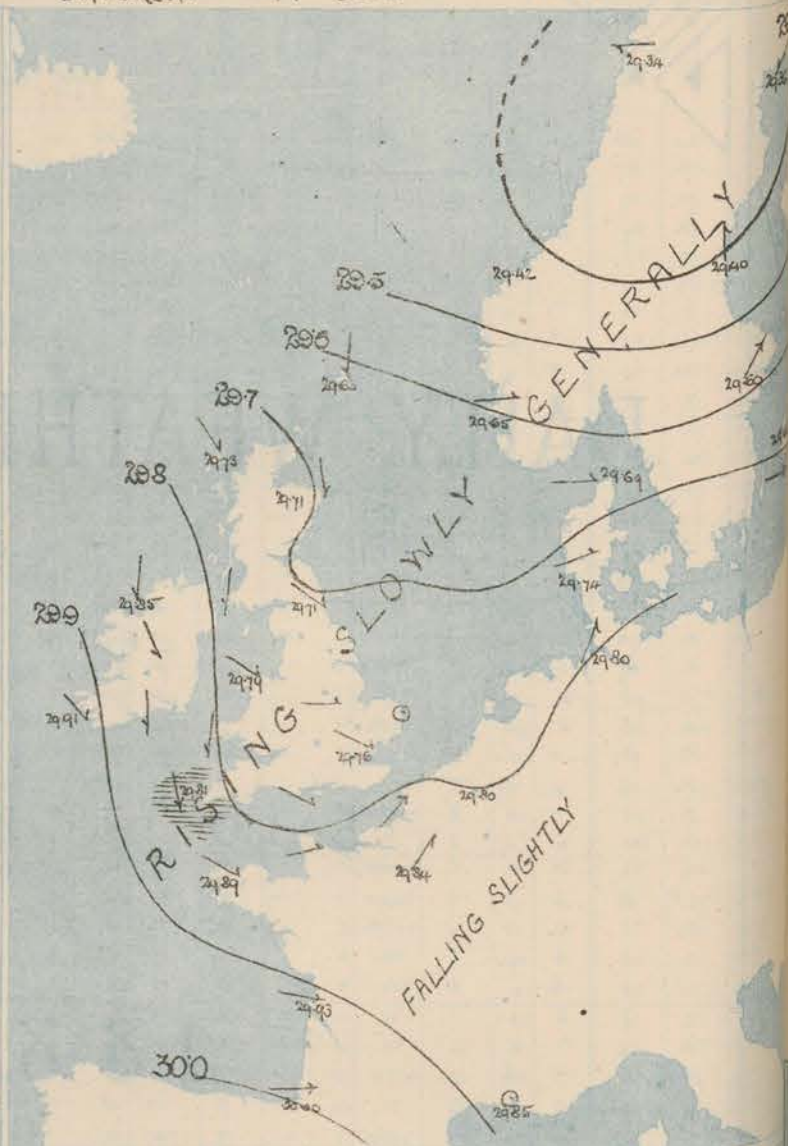
thus — Rough, — High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.877 |
| Stornoway | 29.790 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shetland | 29.873 |
| York | 29.862 |
| Ardrossan | 29.864 |
| Donaghadee | 29.878 |
| Ballyhead | 29.912 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roche's Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.986 |
| Hurst Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.966 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Vermouth | 29.934 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

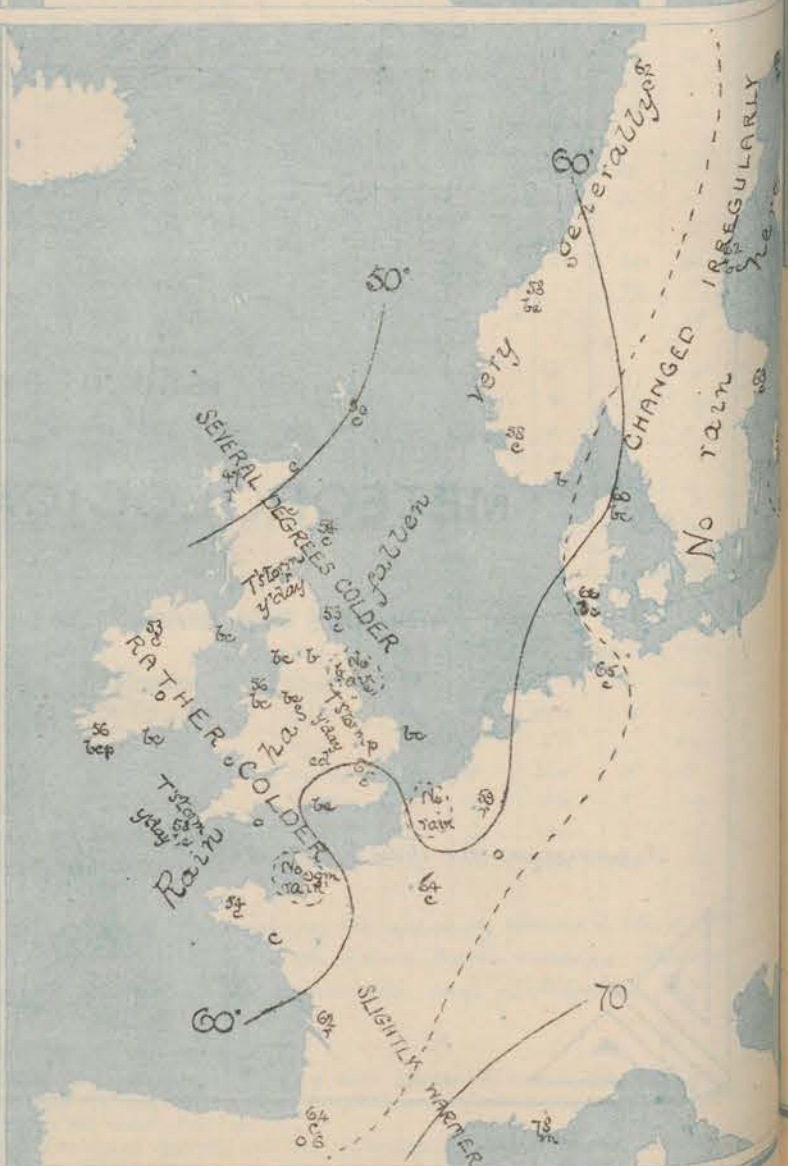
Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Stornoway | 56.1 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.58 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shetland | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 59.8 | 2.82 |
| Donaghadee | 57.7 | 2.66 |
| Ballyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.07 |
| Valencia | 59.0 | 3.59 |
| Roche's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Hurst Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Vermouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Saturday 14th July 1883 at 8 a.m.

The rise of the barometer noticed yesterday has continued in all parts of our Islands, but owing to local irregularities in the rate of increase one or two shallow depressions have been formed over Central and Eastern England. In France the barometer is now falling slightly. Light or moderate N.W. breezes are reported from most of our own & the French coasts, and N.E. breezes from the Eastern shores of the North Sea, but over our Central Districts the wind is light & somewhat variable. The weather varies considerably in different localities; at the majority of stations it is fair, but at Stornoway and Leith rain is falling, while at Valencia & Cambridge there are passing showers. Thunderstorms occurred yesterday in some parts of England, & also at Leith. Temperature has fallen several degrees in the N., and now ranges from 62° at Dover & in London to 47° at Stornoway.

The sea is rather rough at Scilly, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon

on the

15th July

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | N.W. & N. winds, light or moderate; fair on the whole, but some showers |
| 2 SCOTLAND EAST | -----D-----D-----D----- |
| 3 ENGLAND N.E. | N.W. winds, moderate; fair generally |
| 4 ENGLAND EAST | Same as N° 5 |
| 5 MIDLAND COUNTIES | Same as N° 5 |
| 6 ENGLAND SOUTH | Light breezes, chiefly N.W.; fair on the whole. Cool |

DISTRICTS

FORECASTS

| | |
|------------------|-----------------------------------|
| 6 SCOTLAND WEST | Same as N° 2 |
| 7 ENGLAND N.W. | Same as N° 2 |
| 8 ENGLAND S.W. | N.W. and N. winds, moderate; fair |
| 9 IRELAND NORTH | -----D-----D-----D----- |
| 10 IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 14th JULY

1883

| 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 Rain. | | |
| | | | 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 | 29.39 | 59 | Z | 0 | bc | 29.36 | - .16 | 66 | 59 | + .4 | NE | 4 | b | * | 70 | 45 | - | | |
| Hernösand | 29.28 | 59 | Z | 0 | o | 29.40 | + .12 | 62 | 56 | - .1 | S | 2 | bc | * | 68 | 54 | - | | |
| Stockholm | 29.47 | 60 | WSW | 4 | b | 29.60 | + .18 | 63 | 56 | - .1 | SW | 6 | c | * | 68 | 57 | - | | |
| Wisby | 29.53 | 63 | WSW | 6 | b | 29.68 | + .12 | 61 | 57 | - .4 | W | 6 | b | * | 73 | 57 | 0.08 | | |
| Bodö | 29.23 | 62 | E | 2 | o | 29.34 | + .12 | 62 | 57 | - .2 | E | 2 | c | 1 | 70 | 55 | 0.04 | | |
| Christiansund | 29.25 | 59 | NNE | 2 | c | 29.42 | + .20 | 58 | 55 | + .2 | ESE | 2 | bc | 1 | 61 | 52 | 0.04 | | |
| †Skudesnaes | 29.48 | 57 | W | 4 | b | 29.65 | + .23 | 58 | 53 | - .1 | W | 2 | b | 4 | 61 | 57 | 0.04 | | |
| Oxö (Klansund) | 29.49 | 57 | WSW | 4 | b | 29.66 | + .22 | 56 | 54 | - .1 | SW | 4 | b | 4 | 61 | 54 | 0.04 | | |
| Skagen (The Skaw) | 29.52 | 59 | W | 6 | bc | 29.69 | + .21 | 60 | 54 | + .2 | W | 4 | bc | 4 | 66 | 54 | - | | |
| Fanö | 29.69 | 60 | WSW | 6 | c | 29.74 | + .27 | 66 | 59 | + .5 | WSW | 5 | bc | * | 66 | 57 | - | | |
| Cuxhaven | 29.76 | 61 | W | 4 | b | 29.80 | + .23 | 65 | 63 | + .1 | SSW | 2 | c | * | 66 | 52 | 0.06 | | |
| †Sumburgh Head | 29.44 | 58 | NW | 4 | c | 29.68 | + .26 | 50 | 48 | - .6 | N | 3 | c | 3 | 57 | 47 | 0.02 | | |
| †Stornoway | 29.65 | 59 | NW | 4 | c | 29.73 | + .23 | 47 | 46 | - .1 | NW | 3 | r | 2 | 56 | 42 | 0.10 | | |
| Wick | 29.62 | 58 | N | 3 | bc | 29.70 | + .22 | 50 | 47 | - .6 | NW | 2 | c | 2 | 58 | 42 | - | | |
| Nairn | 29.62 | 55 | W | 2 | bc | 29.72 | + .28 | 52 | 49 | - .2 | W | 1 | c | 1 | 59 | 48 | 0.03 | | |
| †Aberdeen | 29.61 | 55 | SSE | 1 | Op | 29.71 | + .29 | 54 | 50 | - .1 | NNW | 1 | c | 2 | 60 | 47 | 0.26 | | |
| Leith | 29.60 | 55 | SE | 1 | c | 29.70 | + .26 | 50 | 50 | - .8 | E | 1 | or | * | 61 | 48 | 0.30 | | |
| †Shields | 29.63 | 54 | E | 2 | o | 29.71 | + .25 | 53 | 50 | - .6 | NNW | 4 | c | 2 | 60 | 45 | 0.14 | | |
| Spurn Head | 29.67 | 64 | NNW | 4 | bc | 29.72 | + .20 | 56 | 54 | - .3 | W | 3 | c | 3 | 70 | 52 | - | | |
| York | 29.67 | 62 | W | 3 | b | 29.74 | + .25 | 50 | 52 | - .3 | NNW | 1 | b | * | 67 | 46 | - | | |
| Loughborough | 29.70 | 64 | W | 1 | c | 29.76 | + .18 | 57 | 54 | - .0 | W | 1 | com | * | 70 | 52 | 0.14 | | |
| †Ardrossan | 29.64 | 58 | NNW | 3 | c | 29.74 | + .27 | 55 | 51 | - .2 | NNW | 3 | bc | 2 | 64 | 47 | - | | |
| †Mullaghmore | 29.75 | 59 | NW | 4 | bc | 29.85 | + .23 | 53 | 49 | - .4 | N | 4 | c | 3 | 61 | 50 | 0.03 | | |
| Donaghadee | 29.71 | 57 | N | 5 | bc | 29.80 | + .26 | 54 | 51 | - .3 | N | 3 | bc | 1 | 59 | 44 | - | | |
| Parsonstown | 29.76 | 59 | NW | 1 | bc | 29.86 | + .20 | 52 | 50 | - .3 | NW | 1 | o | * | 65 | 46 | 0.03 | | |
| Barrow-in-Furness | 29.67 | 60 | WSW | 3 | c | 29.74 | + .23 | 53 | 51 | - .2 | NW | 3 | bc | 3 | 62 | 51 | - | | |
| †Holyhead | 29.71 | 58 | W | 2 | bc | 29.79 | + .19 | 56 | 52 | - .2 | NNW | 3 | bc | 4 | 62 | 51 | 0.04 | | |
| Liverpool (Bidston) | 29.71 | 61 | W | 2 | b | 29.77 | + .21 | 56 | 52 | + .1 | NW | 2 | bc | 3 | 62 | 52 | - | | |
| †Valencia | 29.85 | 58 | NW | 3 | bcg | 29.91 | + .18 | 56 | 54 | - .1 | NW | 3 | bcg | 3 | 62 | 50 | 0.04 | | |
| Roche's Point | 29.77 | 58 | NW | 4 | b | 29.85 | + .20 | 55 | 51 | - .2 | NNW | 3 | bc | 3 | 62 | 49 | - | | |
| Pembroke | 29.74 | 58 | W | 2 | bc | 29.77 | + .14 | 58 | 55 | + .1 | N | 3 | c | 2 | 61 | 53 | - | | |
| †Scilly | 29.79 | 60 | W | 3 | c | 29.81 | + .11 | 58 | 54 | - .2 | NNW | 6 | bc | 5 | 62 | 54 | 0.12 | | |
| Prawle Point | 29.79 | 57 | WSW | 3 | b | 29.79 | + .07 | 57 | 55 | - .0 | WSW | 1 | o | 2 | 61 | 52 | 0.01 | | |
| Hurst Castle | 29.77 | 61 | WSW | 6 | b | 29.77 | + .07 | 60 | 57 | - .0 | NNW | 3 | c | 3 | 65 | 54 | - | | |
| †Dover | 29.78 | 60 | WSW | 4 | b | 29.76 | + .08 | 62 | 59 | + .4 | WSW | 3 | b | 2 | 63 | 56 | - | | |
| †London | 29.75 | 63 | WSW | 3 | bc | 29.76 | + .09 | 62 | 57 | + .2 | NNW | 2 | c | * | 70 | 53 | - | | |
| Oxford | 29.73 | 61 | SW | 2 | c | 29.76 | + .12 | 55 | 53 | - .3 | NNE | 1 | cd | * | 58 | 54 | 0.03 | | |
| Cambridge | 29.76 | 57 | W | 1 | p | 29.76 | + .14 | 53 | 53 | - .6 | N | 1 | p | * | 71 | 49 | 0.11 | | |
| †Yarmouth | 29.72 | 63 | N | 1 | bc | 29.74 | + .14 | 58 | 56 | - .2 | Z | 0 | bc | 1 | 68 | 52 | 0.13 | | |
| The Helder | 29.75 | 62 | SW | 3 | bc | 29.75 | + .15 | 62 | 59 | + .1 | SW | 3 | c | 2 | 66 | 59 | - | | |
| Cape Gris Nez | 29.81 | 61 | WSW | 7 | b | 29.80 | + .11 | 59 | 58 | + .1 | SW | 5 | b | 4 | 64 | 55 | - | | |
| †Jersey | 29.83 | 61 | WSW | 3 | com | 29.81 | + .04 | 57 | 56 | - .2 | WSW | 4 | com | 3 | 64 | 55 | - | | |
| Brest | 29.84 | 59 | NNW | 4 | bc | 29.89 | + .09 | 55 | 51 | - .4 | NNW | 4 | c | 4 | 63 | 52 | 0.12 | | |
| Lorient | 29.87 | 62 | WSW | 4 | c | 29.82 | - .05 | 58 | 54 | - .1 | NNW | 4 | c | 3 | 68 | 52 | 0.12 | | |
| †Rochefort | 29.96 | 69 | NNW | 5 | bc | 29.93 | - .02 | 62 | 61 | - .0 | NNW | 5 | r | 2 | 73 | 57 | 0.12 | | |
| Biarritz | 29.97 | 61 | N | 3 | r | 30.00 | + .04 | 64 | 59 | + .3 | W | 5 | c | 4 | 64 | 57 | 0.09 | | |
| Coranna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.04 | | |
| Brussels | * | * | * | * | * | 29.80 | + .04 | 59 | 58 | - .0 | S | 1 | r | * | 70 | 57 | 0.04 | | |
| Charleville | 29.89 | 65 | W | 5 | c | 29.85 | + .04 | 57 | 55 | - .3 | SSE | 5 | o | * | 68 | 57 | 0.04 | | |
| Paris | 29.88 | 65 | SW | 1 | o | 29.84 | - .02 | 64 | 60 | + .3 | SW | 4 | c | * | * | * | 0.20 | | |
| Lyons | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | | |
| Toulon | 29.98 | 73 | SE | 4 | f | 29.85 | - .16 | 70 | 75 | + .4 | SE | 1 | m | 1 | 82 | 68 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.45 | 55 | WSW | 3 | b | 29.52 | + .22 | 57 | 48 | + .1 | W | 2 | b | * | 58 | 43 | - | | |

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-------|----|----|------|---|---|---|---|----|----|---|
| Hawes Junction | 28.45 | 55 | WSW | 3 | b | 28.52 | + .22 | 57 | 55 | + .1 | W | 2 | b | * | 58 | 43 | - |
|----------------|-------|----|-----|---|---|-------|-------|----|----|------|---|---|---|---|----|----|---|

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|----|
| Skudesnaes ... | 29.32 | 61 | 57 | WNW | 6 | c | 5 | Valencia ... | 29.81 | 61 | 58 | NW | 3 | bc |
| Sumburgh Head | 29.37 | 52 | 49 | N | 4 | c | 4 | Scilly ... | 29.76 | 61 | 57 | NNW | 4 | c |
| Stornoway ... | 29.60 | 56 | 51 | NNW | 5 | c | 4 | Dover .. | 29.77 | 61 | 58 | WSW | 5 | b |
| Aberdeen ... | 29.53 | 59 | 56 | NW | 2 | cp | 2 | London ... | 29.72 | 69 | 61 | SW | 3 | c |
| Shields ... | 29.58 | 55 | 55 | NNE | 2 | o | 2 | Yarmouth ... | 29.67 | 67 | 58 | W | 4 | bc |
| Ardrossan ... | 29.55 | 63 | 58 | WNW | 3 | bc | 2 | Jersey ... | 29.83 | 62 | 58 | W | 4 | bc |
| Mullaghmore ... | 29.70 | 60 | 55 | NW | 4 | com | 3 | Rochefort ... | 29.97 | 72 | 67 | NNW | 5 | bc |
| Holyhead ... | 29.69 | 60 | 54 | W | 3 | b | 3 | | | | | | | |

The barometer continues to rise generally and NW winds are still reported from all the W and N stations. Breezes prevail over England. The weather is fair in most places, but showers are reported from the sea is slight at Holyhead, moderate at Dover.

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; o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and
 and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

SUNDAY 15TH JULY

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

Sunday. 15th JULY.

1883

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast,

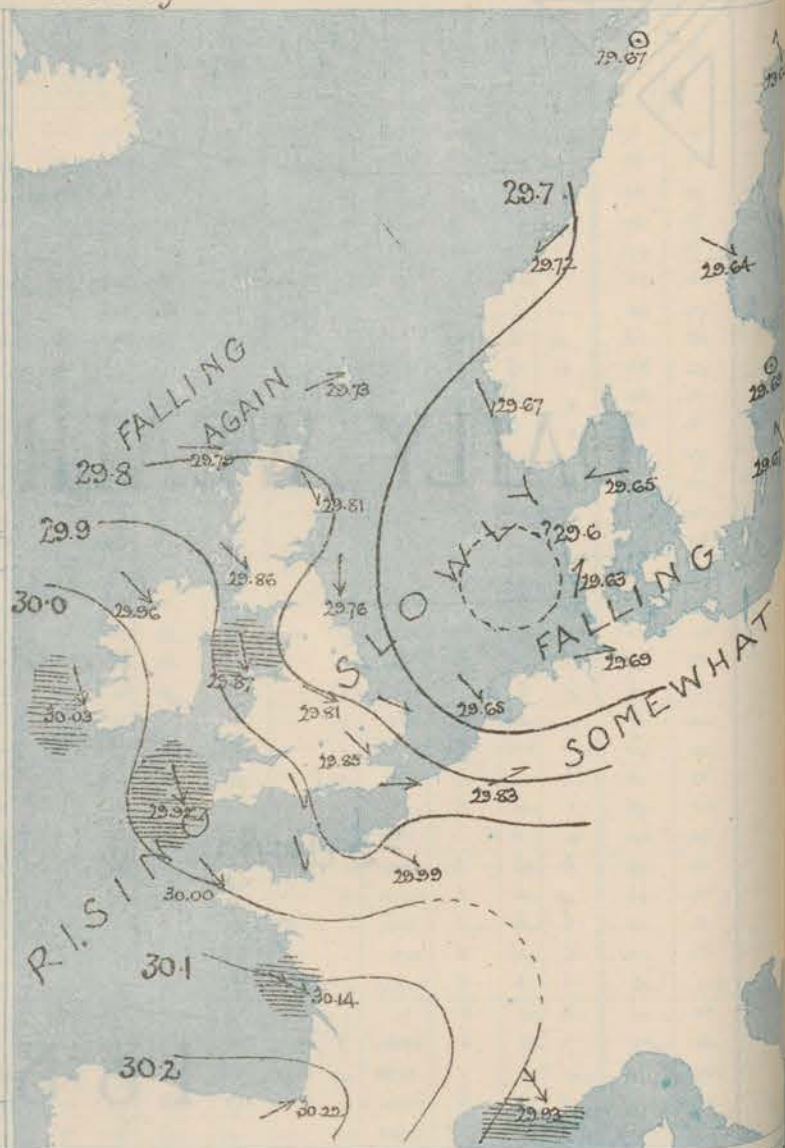
thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations. | Mean Readings. |
|---------------|----------------|
| Sumburgh Head | 29.871 |
| Stornoway | 29.799 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shetlands | 29.873 |
| York | 29.902 |
| Ardrossan | 29.864 |
| Donaghadee | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roches Point | 29.940 |
| Pembroke | 29.942 |
| Scilly | 29.986 |
| Hurst Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Vermouth | 29.934 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

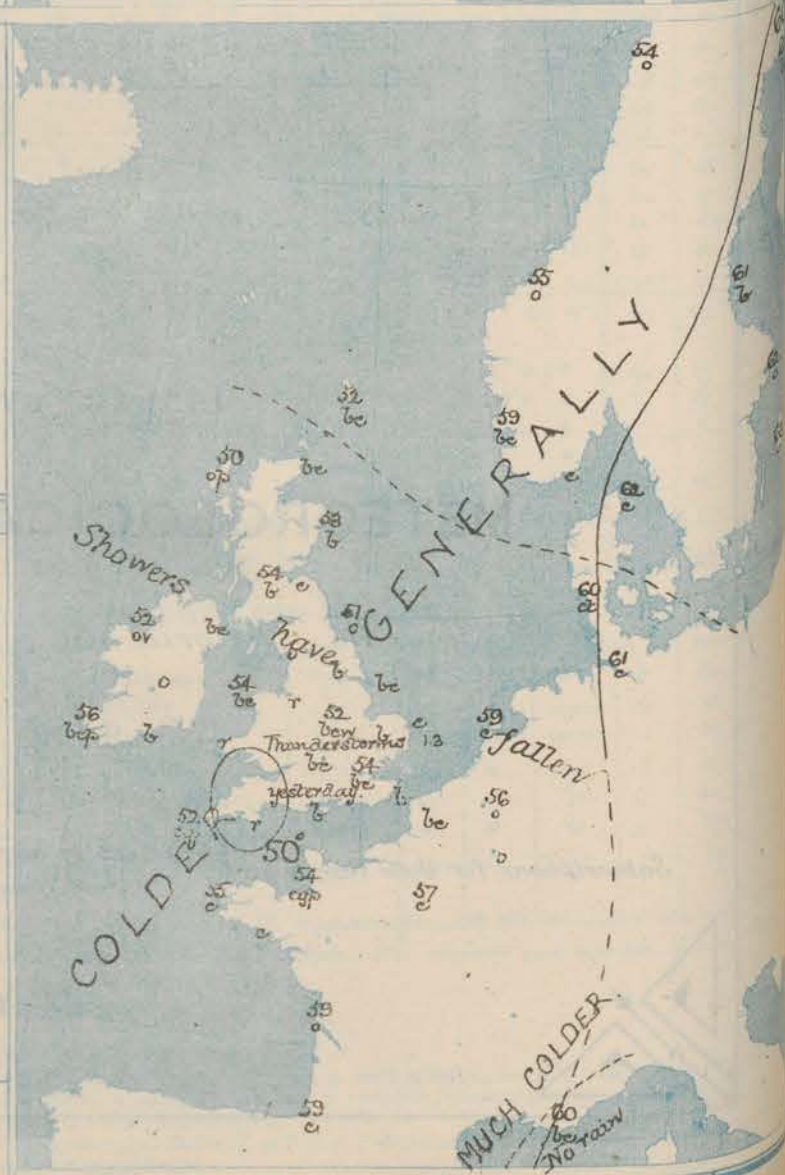
Falls of 0.5 in. or more are quoted in figures.

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

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Stornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.55 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.7 | 2.62 |
| Shetlands | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 59.8 | 2.82 |
| Donaghadee | 61.7 | 2.56 |
| Holyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roches Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Scilly | 60.3 | 1.96 |
| Hurst Castle | 61.7 | 2.30 |
| * Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Vermouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1868 to 1880.



REMARKS

for Sunday 15th July 1883 at 8 a.m.

The shallow depressions which had been formed over England yesterday morning became more fully developed on the course of the day and occasioned severe thunderstorms with heavy showers of hail & rain in many parts of the country. This morning the principal disturbances appear to be passing away over the North Sea, but although the barometer is still rising generally there are signs of fresh irregularities in pressure over S^t Britain. Fine weather is at present reported from many stations, but the amount of cloud is somewhat variable & rain is falling at Liverpool, Rumbold & Draxton Point. The heaviest amounts of rain which fell during the storms of yesterday were 1.3 in. at Yarmouth & 0.5 in. at Spurn H^d & in London. Temperature has fallen generally & is very low for the time of year, readings ranging from 51° at Dover to 47° at Draxton Point. The maximum in London yesterday was only 63°. The sea is rough in the NW, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 ENGLAND SOUTH

FORECASTS

None Issued

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

WARNINGS

FORECASTS

None Issued

METEOROLOGICAL OBSERVATIONS FOR

15th JULY

1883

| † 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. | | Remarks. | | | | |
| | | | 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 | 29.86 | 59 | Z | 0 | bc | 29.69 | + .33 | 62 | 58 | - 4 | S | 2 | bc | * | 68 | 54 | | | | | |
| Hernösand | 29.52 | 60 | W | 2 | b | 29.64 | + .24 | 61 | 56 | - 1 | WNW | 2 | b | * | 73 | 54 | | | | | |
| Stockholm | 29.71 | 61 | WSW | 2 | bc | 29.69 | + .09 | 62 | 56 | - 1 | LS | 0 | 0 | * | 73 | 57 | | | | | |
| Wisby | 29.71 | 60 | S | 4 | b | 29.67 | - .01 | 63 | 60 | + 2 | WSE | 2 | 0 | * | 72 | 59 | | | | | |
| Bodö | 29.57 | 54 | WSW | 4 | c | 29.67 | + .32 | 54 | 52 | - 8 | ZS | 0 | 0 | 0 | 64 | 52 | | | | | |
| Christiansund | 29.69 | 54 | W | 3 | bc | 29.72 | + .30 | 54 | 52 | - 2 | ENE | 2 | 0 | 2 | 71 | 46 | | | | | |
| Skudesnaes | 29.72 | 58 | W | 2 | bc | 29.67 | + .02 | 59 | 53 | + 1 | NNW | 2 | bc | 2 | 63 | 57 | | | | | |
| Oxö (Kälsnäs) | 29.69 | 57 | SW | 4 | c | 29.62 | + .04 | 56 | 53 | 0 | NNW | 1 | c | 3 | 59 | 52 | | | | | |
| Skagen (The Skaw) | 29.71 | 60 | WSE | 2 | bc | 29.65 | - .04 | 62 | 57 | + 2 | E | 2 | c | 1 | 68 | 54 | | | | | |
| Ranö | 29.70 | 60 | WSW | 1 | c | 29.63 | - .11 | 60 | 57 | - 6 | SSW | 1 | cb | * | 68 | 55 | | | | | |
| Cuxhaven | 29.77 | 63 | S | 1 | bc | 29.69 | - .11 | 61 | 60 | - 4 | W | 4 | c | * | 68 | 54 | | | | | |
| †Sumburgh Head | 29.69 | 51 | NNW | 2 | bc | 29.73 | + .10 | 52 | 49 | + 2 | WSW | 3 | bc | 2 | 54 | 41 | | | | | |
| †Stornoway | 29.82 | 52 | N | 4 | bc | 29.79 | + .06 | 50 | 48 | + 3 | W | 4 | op | 3 | 56 | 40 | | | | | |
| Wick | 29.72 | 50 | NW | 2 | bc | 29.78 | + .08 | 52 | 49 | + 2 | N | 1 | bc | 1 | 57 | 35 | | | | | |
| Nairn | 29.76 | 53 | NW | 2 | 0 | 29.82 | + .10 | 56 | 54 | + 4 | W | 1 | b | 1 | 60 | 39 | | | | | |
| †Aberdeen | 29.73 | 54 | Z | 0 | c | 29.81 | + .10 | 53 | 49 | - 1 | NNW | 2 | b | 1 | 55 | 44 | | | | | |
| Leith | 29.73 | 51 | NW | 1 | 0 | 29.82 | + .12 | 54 | 49 | + 4 | N | 1 | c | * | 57 | 47 | | | | | |
| †Shields | 29.71 | 56 | N | 3 | bc | 29.76 | + .05 | 51 | 50 | - 2 | N | 5 | c | 4 | 61 | 43 | | | | | |
| Spurn Head | 29.70 | 59 | WSE | 3 | c | 29.75 | + .03 | 52 | 50 | - 4 | WNW | 4 | bc | 3 | 70 | 50 | | | | | |
| York | 29.72 | 60 | W | 3 | bc | 29.77 | + .03 | 53 | 49 | - 3 | NNW | 2 | b | * | 67 | 44 | | | | | |
| Loughborough | 29.75 | 57 | W | 1 | bc | 29.81 | + .05 | 52 | 48 | - 6 | WNW | 5 | bc | * | 66 | 45 | | | | | |
| †Ardrossan | 29.75 | 57 | NNW | 4 | c | 29.86 | + .12 | 54 | 50 | - 1 | NW | 3 | b | 2 | 59 | 47 | | | | | |
| †Mullaghmore | 29.86 | 55 | WNW | 5 | c | 29.96 | + .11 | 52 | 47 | - 1 | NW | 5 | bc | 3 | 59 | 51 | | | | | |
| Donaghadee | 29.83 | 52 | N | 5 | bc | 29.90 | + .10 | 53 | 49 | - 1 | NNW | 6 | bc | 4 | 57 | 47 | | | | | |
| Parsonstown | 29.90 | 55 | N | 1 | c | 29.99 | + .13 | 50 | 48 | - 2 | NW | 1 | 0 | * | 61 | 43 | | | | | |
| Barrow-in-Furness | 29.76 | 56 | NW | 4 | bc | 29.80 | + .06 | 53 | 50 | 0 | NNW | 3 | 0 | 3 | 61 | 48 | | | | | |
| †Holyhead | 29.82 | 56 | NW | 2 | b | 29.87 | + .08 | 54 | 49 | - 2 | NNW | 6 | bc | 6 | 58 | 53 | | | | | |
| Liverpool (Biston) | 29.79 | 58 | W | 3 | c | 29.79 | + .02 | 50 | 49 | - 0 | W | 5 | bc | 5 | 58 | 48 | | | | | |
| †Valencia | 29.97 | 57 | WNW | 3 | bc | 30.03 | + .12 | 56 | 53 | 0 | NNW | 5 | bc | 5 | 61 | 49 | | | | | |
| Roche's Point | 29.89 | 57 | WNW | 4 | c | 30.00 | + .15 | 52 | 49 | - 3 | NNW | 4 | b | 4 | 63 | 47 | | | | | |
| Pembroke | 29.95 | 56 | NW | 2 | bc | 29.92 | + .15 | 50 | 49 | - 8 | NW | 1 | N | 1 | 58 | 48 | | | | | |
| †Scilly | 29.91 | 58 | NNW | 6 | c | 29.92 | + .14 | 52 | 50 | - 6 | NNW | 6 | op | 5 | 60 | 50 | | | | | |
| Prawle Point | 29.86 | 57 | NW | 2 | bc | 29.93 | + .14 | 49 | 47 | - 10 | NNW | 2 | N | 2 | 68 | 47 | | | | | |
| Hurst Castle | 29.78 | 59 | W | 3 | c | 29.88 | + .11 | 55 | 50 | - 5 | NNW | 2 | b | 2 | 67 | 47 | | | | | |
| †Dover | 29.73 | 58 | SW | 3 | bc | 29.83 | + .09 | 61 | 54 | - 1 | WNW | 3 | b | 2 | 65 | 51 | | | | | |
| †London | 29.75 | 56 | NW | 2 | bc | 29.85 | + .09 | 54 | 49 | - 8 | NW | 2 | bc | * | 63 | 46 | | | | | |
| Oxford | 29.79 | 54 | NW | 1 | 0 | 29.86 | + .10 | 54 | 48 | - 1 | WNW | 3 | bc | * | 64 | 44 | | | | | |
| Cambridge | 29.78 | 52 | NW | 1 | bc | 29.81 | + .05 | 54 | 50 | + 1 | W | 2 | b | * | 67 | 45 | | | | | |
| †Yarmouth | 29.72 | 57 | NE | 2 | bc | 29.75 | + .01 | 53 | 50 | - 5 | WNW | 4 | c | 2 | 62 | 49 | | | | | |
| The Helder | 29.72 | 57 | SW | 1 | c | 29.65 | - .10 | 59 | 55 | - 3 | WNW | 3 | c | 2 | 66 | 55 | | | | | |
| Cape Gris Nez | 29.72 | 59 | SW | 5 | b | 29.91 | + .11 | 55 | 52 | - 4 | W | 5 | bc | 4 | 64 | 54 | | | | | |
| †Jersey | 29.86 | 58 | WNW | 6 | bc | 29.93 | + .12 | 54 | 51 | - 3 | NNW | 3 | op | 3 | 62 | 49 | | | | | |
| Brest | 30.01 | 60 | NNW | 7 | c | 30.00 | + .11 | 55 | 52 | + 1 | NW | 5 | N | 4 | 61 | 51 | | | | | |
| Lorient | 30.02 | 60 | WNW | 8 | c | ? | ? | 56 | 53 | - 2 | WNW | 7 | c | 4 | 64 | 52 | | | | | |
| †Rochefort | 30.07 | 63 | NW | 8 | bc | 30.14 | + .21 | 59 | 54 | - 3 | NNW | 6 | 0 | 5 | 70 | 54 | | | | | |
| Biarritz | 30.19 | 64 | W | 5 | c | 30.22 | + .22 | 59 | 59 | - 5 | WSW | 5 | c | 4 | 66 | 68 | | | | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | |
| Brussels | * | * | * | * | * | 29.83 | + .03 | 56 | 53 | - 3 | WSW | 4 | 0 | * | 68 | 53 | | | | | |
| Charleville | 29.97 | 55 | S | 4 | 0 | 29.92 | + .07 | 55 | 51 | - 2 | WSW | 8 | 0 | * | 68 | 52 | | | | | |
| Paris | 29.85 | 59 | WNW | 4 | 0 | 29.99 | + .15 | 57 | 53 | - 7 | WNW | 4 | c | * | * | * | | | | | |
| Lyons | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | |
| Toulon | 29.89 | 74 | W | 7 | bc | 29.93 | + .08 | 60 | 51 | - 18 | NW | 8 | bc | 5 | 84 | 52 | | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.51 | 52 | W | 2 | b | 28.57 | + .05 | 45 | 45 | - 6 | W | 1 | 0 | * | 57 | 37 | | | | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|---|---|---|----|----|--|
| Hawes Junction | 28.51 | 52 | W | 2 | b | 28.57 | + .05 | 45 | 45 | - 0 | W | 1 | 0 | 57 | 37 | |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|---|---|---|----|----|--|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | |
|-----------------|-------|------|------|-------|------|------|--------------|---------------|-------|------|-------|------|---|
| Skudesnaes ... | | | | | | | Valencia ... | 29.96 | 60 | 56 | NW | 3 | |
| Sumburgh Head | 29.68 | 53 | 48 | NNW | 3 | b | 2 | Scilly ... | 29.88 | 60 | 54 | NNW | 5 |
| Stornoway ... | 29.78 | 51 | 47 | N | 4 | c | 3 | Dover .. | 29.74 | 63 | 57 | SW | 1 |
| Aberdeen ... | 29.73 | 53 | 51 | N | 1 | d | 2 | London ... | 29.74 | 60 | 55 | WNW | 2 |
| Shields ... | 29.70 | 58 | 55 | NNE | 4 | c | 3 | Yarmouth ... | 29.73 | 58 | 56 | NNW | 1 |
| Ardrossan ... | 29.74 | 59 | 53 | WNW | 4 | b | 2 | Jersey ... | 29.83 | 60 | 56 | W | 5 |
| Mullaghmore ... | 29.89 | 57 | 50 | WNW | 5 | bcy | 4 | Rochefort ... | 30.01 | 66 | 64 | NNW | 8 |
| Holyhead ... | 29.81 | 57 | 52 | NNW | 3 | b | 3 | | | | | | |

The weather over Great Britain continues in an unsettled state. N winds are prevalent except over our extreme S.E. coast, where S.E. winds are reported locally, notably in London, where a sharp thunderstorm occurred about noon.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. mist; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and
 and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

[illegible][illegible][illegible][illegible][illegible][illegible][illegible]

| Адрес | № |
|-------|-------|
| О-06 | 0-06 |
| О-07 | 0-07 |
| О-08 | 0-08 |
| О-09 | 0-09 |
| О-10 | 0-10 |
| О-11 | 0-11 |
| О-12 | 0-12 |
| О-13 | 0-13 |
| О-14 | 0-14 |
| О-15 | 0-15 |
| О-16 | 0-16 |
| О-17 | 0-17 |
| О-18 | 0-18 |
| О-19 | 0-19 |
| О-20 | 0-20 |
| О-21 | 0-21 |
| О-22 | 0-22 |
| О-23 | 0-23 |
| О-24 | 0-24 |
| О-25 | 0-25 |
| О-26 | 0-26 |
| О-27 | 0-27 |
| О-28 | 0-28 |
| О-29 | 0-29 |
| О-30 | 0-30 |
| О-31 | 0-31 |
| О-32 | 0-32 |
| О-33 | 0-33 |
| О-34 | 0-34 |
| О-35 | 0-35 |
| О-36 | 0-36 |
| О-37 | 0-37 |
| О-38 | 0-38 |
| О-39 | 0-39 |
| О-40 | 0-40 |
| О-41 | 0-41 |
| О-42 | 0-42 |
| О-43 | 0-43 |
| О-44 | 0-44 |
| О-45 | 0-45 |
| О-46 | 0-46 |
| О-47 | 0-47 |
| О-48 | 0-48 |
| О-49 | 0-49 |
| О-50 | 0-50 |
| О-51 | 0-51 |
| О-52 | 0-52 |
| О-53 | 0-53 |
| О-54 | 0-54 |
| О-55 | 0-55 |
| О-56 | 0-56 |
| О-57 | 0-57 |
| О-58 | 0-58 |
| О-59 | 0-59 |
| О-60 | 0-60 |
| О-61 | 0-61 |
| О-62 | 0-62 |
| О-63 | 0-63 |
| О-64 | 0-64 |
| О-65 | 0-65 |
| О-66 | 0-66 |
| О-67 | 0-67 |
| О-68 | 0-68 |
| О-69 | 0-69 |
| О-70 | 0-70 |
| О-71 | 0-71 |
| О-72 | 0-72 |
| О-73 | 0-73 |
| О-74 | 0-74 |
| О-75 | 0-75 |
| О-76 | 0-76 |
| О-77 | 0-77 |
| О-78 | 0-78 |
| О-79 | 0-79 |
| О-80 | 0-80 |
| О-81 | 0-81 |
| О-82 | 0-82 |
| О-83 | 0-83 |
| О-84 | 0-84 |
| О-85 | 0-85 |
| О-86 | 0-86 |
| О-87 | 0-87 |
| О-88 | 0-88 |
| О-89 | 0-89 |
| О-90 | 0-90 |
| О-91 | 0-91 |
| О-92 | 0-92 |
| О-93 | 0-93 |
| О-94 | 0-94 |
| О-95 | 0-95 |
| О-96 | 0-96 |
| О-97 | 0-97 |
| О-98 | 0-98 |
| О-99 | 0-99 |
| О-100 | 0-100 |

[illegible][illegible][illegible]

WEATHER CHARTS

for 8 a.m. on

Monday, 16th JULY.

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 6 to 7; → forces 4 to 5; → dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast; thus, — Rough, — High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.877 |
| Sornoway | 29.799 |
| Wick | 29.813 |
| Nairn | 29.829 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrossan | 29.889 |
| Donaghadee | 29.878 |
| Ballyhead | 29.911 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roches Point | 29.940 |
| Pembroke | 29.942 |
| Scilly | 29.988 |
| Burst Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Vermouth | 29.934 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS

Explanation of Map

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

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.

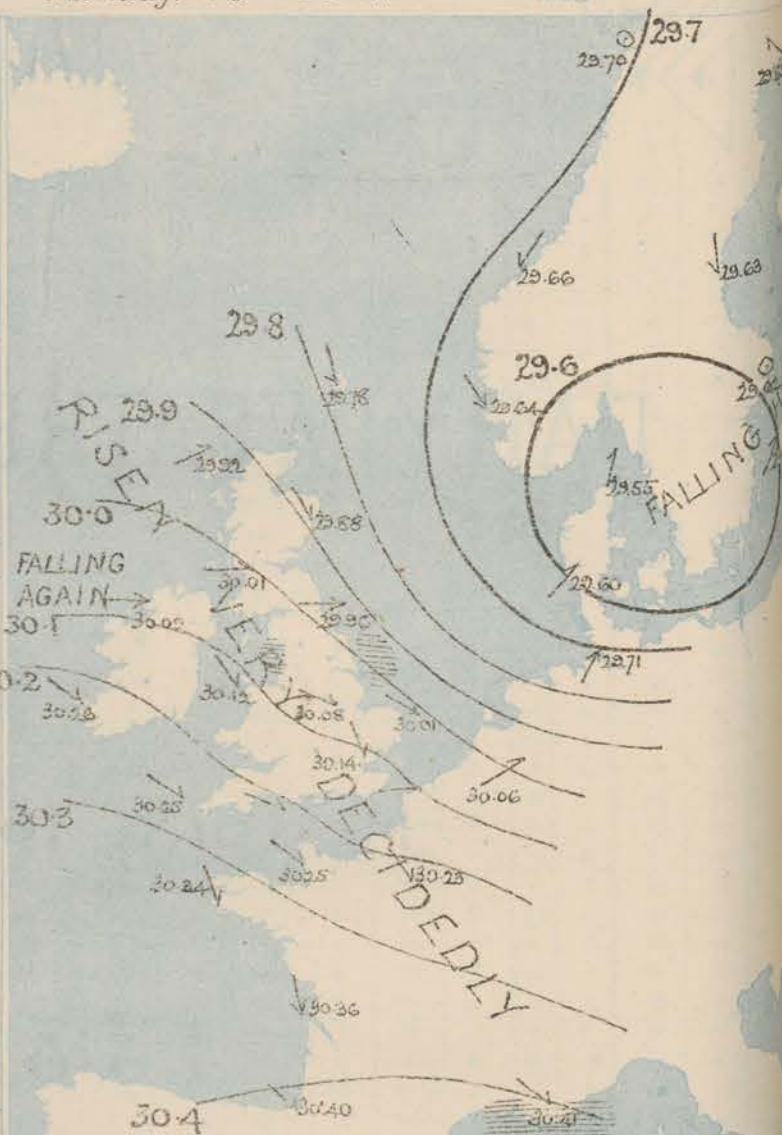
MEANS^{*} OF TEMPERATURE AT 8 A.M.

AND RAINFALL.

for the month of July.

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 63.7 | 2.06 |
| Sornoway | 66.4 | 3.00 |
| Wick | 66.2 | 2.19 |
| Nairn | 67.4 | 2.65 |
| Aberdeen | 67.0 | 2.60 |
| Leith | 69.1 | 2.62 |
| Shields | 68.8 | 2.56 |
| York | 69.7 | 2.41 |
| Ardrossan | 67.6 | 2.82 |
| Donaghadee | 67.7 | 2.86 |
| Ballyhead | 68.3 | 2.79 |
| Liverpool | 69.8 | 3.01 |
| Valencia | 69.0 | 3.59 |
| Roches Point | 69.1 | 3.07 |
| Pembroke | 68.6 | 2.12 |
| Scilly | 60.3 | 1.96 |
| Burst Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.52 |
| LONDON | 62.8 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Vermouth | 61.4 | 2.87 |

* These mean 8 a.m. Temperatures are those for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Monday 16th July 1883 at 8 a.m.

The small shallow depressions noticed over our Islands yesterday have passed away to the Eth, and the barometer has consequently fallen on the Eastern shores of the North Sea, while it has risen over the United Kingdom + France. At Mullingmore, however, a fresh fall appears to have set in during the night, and conditions therefore remain very unsettled. Moderate S.W. breezes are reported from Denmark, but on our own + the French Coast the wind is N.W. N.E. The weather varies considerably in different localities, but is cloudy at the majority of stations, with showers at Nauen + Valenciennes. In the course of yesterday, showers fell in nearly all parts of the country, and thunderstorms were experienced over the E. of England. Temperature has risen in most places, but is still low the time of year, readings ranging from 62° at Dover to 52° at Sunderland Head + Nauen. The highest maxima registered yesterday were 70° at Spennithorne + 68° at York; in London the thermometer did not exceed 64° + at several of our W. stations it did not reach 60°. The sea is rather rough at Spennithorne and Liverpool, slight or smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

17th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|--|
| 1 SCOTLAND NORTH | N.W. to N.E. winds, moderate; unsettled; some showers |
| 2 SCOTLAND EAST | -----D-----D-----D----- |
| 3 ENGLAND N.E. | N.W. and N.E. winds, moderate; changeable; showery |
| 4 ENGLAND EAST | -----D-----D-----D----- |
| 5 MIDLAND COUNTIES | -----D-----D-----D----- |
| 6 ENGLAND SOUTH | N.W. winds, moderate; changeable; some showers. Harmer |

DISTRICTS

FORECASTS

| | |
|------------------|---|
| 6 SCOTLAND WEST | Same as N ^{os} 2 to 4 |
| 7 ENGLAND N.W. | Same as N ^{os} 2 to 4 |
| 8 ENGLAND S.W. | N.W. and N.E. winds, moderate; fair on the whole |
| 9 IRELAND NORTH | Same as N ^{os} 2 to 4 |
| 10 IRELAND SOUTH | Same as N ^{os} 2 to 4 |
| GENERAL | Local thunderstorms are still probable over many parts of Great Britain |
| WARNINGS | NONE ISSUED |

METEOROLOGICAL OBSERVATIONS FOR

16th JULY

1883

| † 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 Precipitation. | | |
| | | | 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 | 29.69 | 61 | Z | 0 | b | 29.69 | - 30 | 67 | 60 | + 5 | SE | 2 | b | * | 72 | 50 | - | | |
| Hernösand | 29.64 | 60 | Z | 0 | b | 29.63 | - 01 | 61 | 58 | 0 | N | 3 | b | * | 74 | 50 | - | | |
| Stockholm | 29.62 | 60 | Z | 0 | b | 29.62 | - 07 | 63 | 59 | + 1 | Z | 0 | 0 | * | 77 | 57 | - | | |
| Wisby | 29.68 | 58 | SS E | 2 | b | 29.60 | - 07 | 68 | 57 | - 5 | SW | 4 | 1 | * | 72 | 57 | 0.12 | | |
| Bodö | 29.65 | 54 | WSW | 2 | 0 | 29.70 | + 03 | 54 | 52 | 0 | Z | 0 | 0 | 0 | 61 | 52 | - | | |
| Christiansund | 29.69 | 57 | NNE | 7 | b | 29.66 | - 06 | 55 | 53 | 0 | NE | 1 | c | 2 | 59 | 50 | - | | |
| † Skudesnaes | 29.65 | 57 | NW | 8 | b | 29.64 | - 03 | 58 | 53 | - 1 | NW | 7 | 0 | 4 | 63 | 57 | - | | |
| Örö (Christiansund) | 29.66 | 60 | ENE | 2 | b | 29.58 | - 04 | 57 | 55 | + 1 | N | 2 | 1 | 1 | 70 | 54 | 0.32 | | |
| Skagen (The Skaw) | 29.60 | 58 | ESE | 2 | 1 | 29.55 | - 10 | 59 | 57 | - 3 | SSW | 2 | 6 | 4 | 66 | 55 | 0.28 | | |
| Fanö | 29.61 | 57 | WSW | 4 | c | 29.60 | - 03 | 63 | 59 | + 3 | WSW | 4 | c | * | 66 | 55 | 0.24 | | |
| Cuxhaven | 29.68 | 58 | W | 6 | 1 | 29.71 | + 02 | 58 | 57 | - 3 | SW | 5 | 0 | * | 65 | 49 | 0.14 | | |
| † Sumburgh Head | 29.75 | 54 | SW | 3 | b | 29.78 | + 05 | 52 | 50 | 0 | NNW | 1 | c | 0 | 57 | 45 | 0.02 | | |
| † Stornoway | 29.84 | 52 | NNW | 5 | 19 | 29.92 | + 13 | 52 | 48 | + 2 | WSW | 3 | c | 2 | 55 | 47 | 0.09 | | |
| Wick | 29.72 | 52 | NW | 3 | 0 | 29.85 | + 07 | 53 | 52 | + 1 | NW | 3 | 0 | 2 | 59 | 47 | 0.12 | | |
| Nairn | 29.82 | 54 | W | 2 | c | 29.92 | + 10 | 52 | 49 | - 4 | W | 2 | c/p | 2 | 62 | 50 | 0.02 | | |
| † Aberdeen | 29.82 | 56 | SS E | 1 | b | 29.88 | + 07 | 55 | 51 | + 2 | NW | 4 | c | 2 | 62 | 49 | - | | |
| Leith | 29.82 | 55 | NW | 1 | b | 29.95 | + 13 | 55 | 50 | + 1 | NW | 3 | 0 | * | 61 | 48 | - | | |
| † Shields | 29.83 | 55 | NE | 3 | c | 29.96 | + 20 | 55 | 52 | + 4 | W | 5 | c | 3 | 55 | 45 | 0.05 | | |
| Spurn Head | 29.83 | 52 | NW | 5 | 0 | 30.03 | + 28 | 56 | 53 | + 4 | NNW | 5 | 6 | 5 | 70 | 50 | 0.10 | | |
| York | 29.85 | 56 | NNW | 2 | c | 30.02 | + 25 | 56 | 50 | + 3 | NW | 4 | c | * | 68 | 44 | 0.13 | | |
| Loughborough | 29.90 | 53 | NW | 1 | c | 30.08 | + 27 | 53 | 50 | + 1 | NNW | 4 | 0 | * | 62 | 45 | 0.03 | | |
| † Ardrossan | 29.89 | 58 | NNW | 3 | b | 30.01 | + 15 | 57 | 53 | + 3 | W | 3 | 0 | 2 | 60 | 50 | - | | |
| † Mullaghmore | 30.02 | 55 | NW | 5 | 0 | 30.09 | + 13 | 56 | 53 | + 4 | W | 5 | 0 | 4 | 58 | 50 | 0.03 | | |
| Donaghadee | 29.97 | 54 | N | 6 | c | 30.07 | + 17 | 57 | 56 | + 4 | NW | 3 | 0 | 1 | 61 | 48 | 0.06 | | |
| Parsonstown | 30.07 | 55 | NW | 1 | c | 30.16 | + 17 | 57 | 54 | + 7 | SW | 1 | 0 | * | 59 | 44 | 0.05 | | |
| Barrow-in-Furness | 29.90 | 57 | NW | 3 | b | 30.01 | + 21 | 54 | 49 | + 1 | FIN | 3 | 0 | 3 | 59 | 51 | - | | |
| † Holyhead | 29.97 | 58 | NNW | 4 | b | 30.12 | + 25 | 56 | 52 | + 2 | NNW | 2 | c | 4 | 58 | 54 | 0.11 | | |
| Liverpool (Bidston) | 29.92 | 55 | W | 5 | b | 30.08 | + 29 | 54 | 51 | + 4 | W | 4 | c | 5 | 58 | 49 | 0.02 | | |
| † Valencia | 30.15 | 67 | W | 3 | 0 | 30.26 | + 23 | 55 | 54 | - 1 | NNW | 4 | 0 | 4 | 62 | 53 | 0.02 | | |
| Roche's Point | 30.09 | 57 | NW | 4 | c | 30.21 | + 21 | 56 | 54 | + 4 | NNW | 3 | c | 3 | 63 | 49 | 0.03 | | |
| Pembroke | 30.04 | 54 | NNW | 2 | c | 30.18 | + 26 | 55 | 51 | + 5 | W | 2 | c | 2 | 57 | 48 | 0.12 | | |
| † Scilly | 30.09 | 58 | NNW | 6 | c | 30.25 | + 33 | 59 | 56 | + 7 | NNW | 3 | c | 4 | 59 | 51 | 0.03 | | |
| Prawle Point | 30.02 | 57 | NW | 1 | b | 30.24 | + 31 | 58 | 55 | + 11 | NNW | 2 | 6 | 2 | 62 | 47 | 0.06 | | |
| Hurst Castle | 29.96 | 55 | W | 5 | c | 30.18 | + 30 | 55 | 52 | 0 | NNW | 3 | c | 3 | 61 | 46 | 0.16 | | |
| † Dover | 29.87 | 59 | NNW | 3 | b | 30.10 | + 27 | 62 | 55 | + 1 | NNW | 3 | 6 | 2 | 62 | 48 | - | | |
| † London | 29.90 | 57 | NW | 4 | c/p | 30.14 | + 29 | 56 | 51 | + 2 | NNW | 2 | 6 | * | 64 | 43 | 0.17 | | |
| Oxford | 29.97 | 53 | NW | 2 | b | 30.14 | + 28 | 55 | 50 | + 1 | W | 3 | 0 | * | 60 | 43 | 0.03 | | |
| Cambridge | 29.90 | 52 | NNW | 2 | c | 30.10 | + 29 | 57 | 52 | + 3 | NW | 2 | c | * | 63 | 44 | 0.19 | | |
| † Yarmouth | 29.80 | 55 | NW | 4 | b | 30.01 | + 26 | 55 | 51 | + 2 | NNW | 5 | 0 | 3 | 62 | 48 | 0.06 | | |
| The Helder | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.91 | 55 | W | 5 | c | 30.13 | + 22 | 54 | 53 | - 1 | W | 5 | 6 | 4 | 63 | 52 | 0.04 | | |
| † Jersey | 30.03 | 57 | NNW | 4 | b | 30.25 | + 32 | 56 | 53 | + 4 | NW | 4 | 0 | 4 | 59 | 50 | - | | |
| Brest | 30.13 | 58 | NNW | 5 | 0 | 30.34 | + 34 | 57 | 56 | + 2 | NNW | 4 | c | 3 | 59 | 52 | - | | |
| Lorient | 30.15 | 59 | NW | 7 | c | 30.33 | ? | 57 | 54 | + 1 | NW | 5 | 6 | 3 | 63 | 52 | 0.16 | | |
| † Rochefort | 30.17 | 55 | NNW | 8 | b | 30.36 | + 22 | 59 | 57 | 0 | NNW | 5 | 6 | ? | ? | ? | 0.01 | | |
| Biarritz | 30.27 | 64 | W | 5 | b | 30.40 | + 18 | 60 | 61 | + 4 | NW | 5 | 6 | 3 | 66 | 57 | - | | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | 30.06 | + 23 | 51 | 50 | - 5 | WSW | 4 | ? | * | 63 | 49 | 0.10 | | |
| Charleville | 29.91 | 54 | NNE | 5 | b | 30.11 | + 19 | 53 | 49 | - 2 | NNW | 5 | 6 | * | 55 | 48 | 0.34 | | |
| Paris | 30.01 | 53 | WSW | 5 | c | 30.23 | + 24 | 55 | 52 | - 2 | NW | 4 | 6 | * | * | * | 0.12 | | |
| Lyons | | | | | | | | | | | | | | | | | | | |
| Toulon | 30.41 | 65 | NW | 8 | b | 30.41 | + 48 | 59 | ? | - 1 | NW | 7 | 6 | 6 | 84 | 57 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.62 | 52 | NNW | 2 | b | 28.80 | + 23 | 50 | 46 | + 5 | W | 2 | b | * | 56 | 44 | 0.02 | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|------|----|----|-----|---|---|---|----|----|------|
| Hawes Junction | 28.62 | 52 | NNW | 2 | b | 28.80 | + 23 | 50 | 46 | + 5 | W | 2 | 6 | 56 | 44 | 0.02 |
|----------------|-------|----|-----|---|---|-------|------|----|----|-----|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. |
|---------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|
| Skudesnaes | 29.65 | 62 | 64 | NW | 8 | c | Valencia | | | | | | |
| Sumburgh Head | | | | | | | Scilly | | | | | | |
| Stornoway | | | | | | | Dover | | | | | | |
| Aberdeen | | | | | | | London | | | | | | |
| Shields | | | | | | | Yarmouth | | | | | | |
| Ardrossan | | | | | | | Jersey | | | | | | |
| Mullaghmore | | | | | | | Rochefort | 30.13 | 64 | 63 | NNW | 8 | ? |
| Holyhead | | | | | | | | | | | | | |

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark.
 ‡ at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 § These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

TUESDAY, 17TH JULY.

1883.

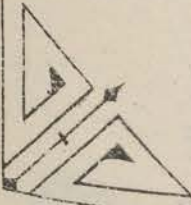
ISSUED BY THE

METEOROLOGICAL OFFICE

116 Victoria St. LONDON.

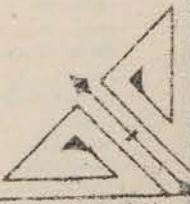
S. W.

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D^o D^o Bookpost 5^s/ 10^s



ROBERT H. SCOTT

(SECRETARY.)



Printed by Longportfield, 116 Victoria St. London S.W.

WEATHER CHARTS

for 8 a.m. on

Tuesday 17th JULY

1883

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast;

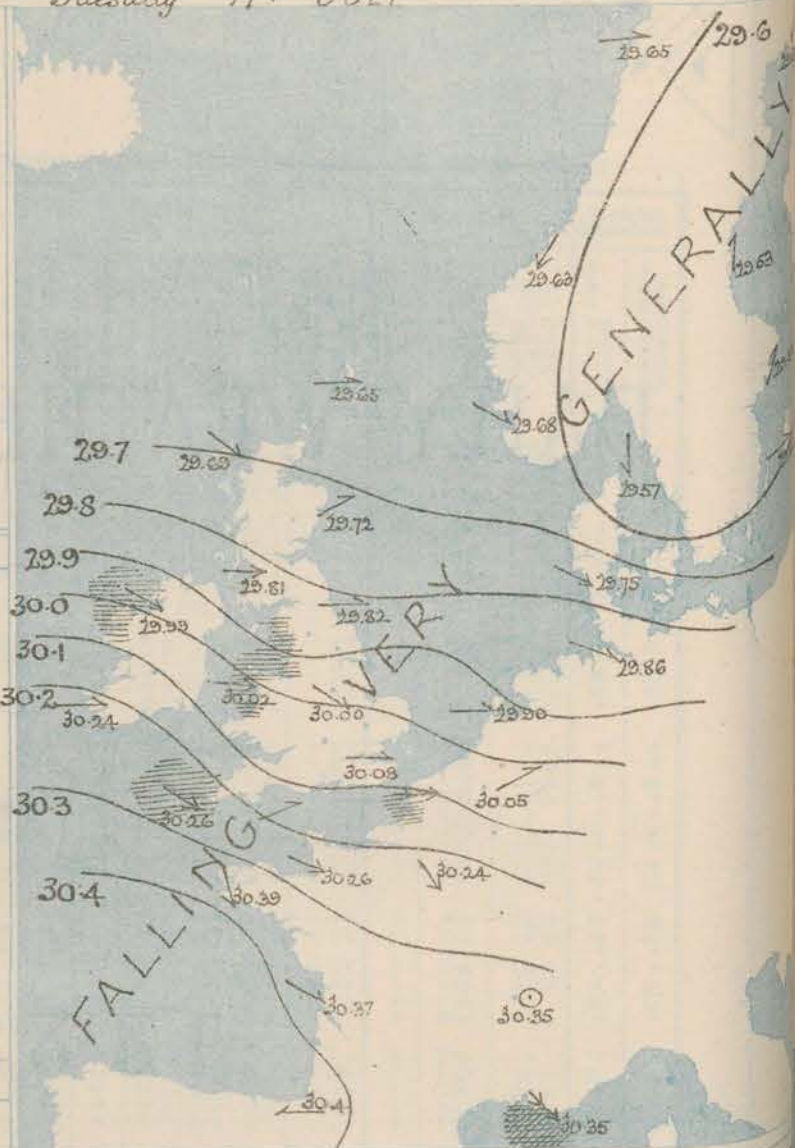
thus - Rough; - High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings. |
|---------------|----------------|
| Sumburgh Head | 29.87 |
| Stornoway | 29.799 |
| Wick | 29.813 |
| Naun | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Stirling | 29.873 |
| York | 29.902 |
| Ardrrossan | 29.864 |
| Donaghadee | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.930 |
| Valencia | 29.944 |
| Roches Point | 29.940 |
| Pembroke | 29.943 |
| Sally | 29.966 |
| hurst Castle | 29.967 |
| Dover | 29.959 |
| LONDON | 29.958 |
| Oxford | 29.944 |
| Cambridge | 29.937 |
| Wormouth | 29.934 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

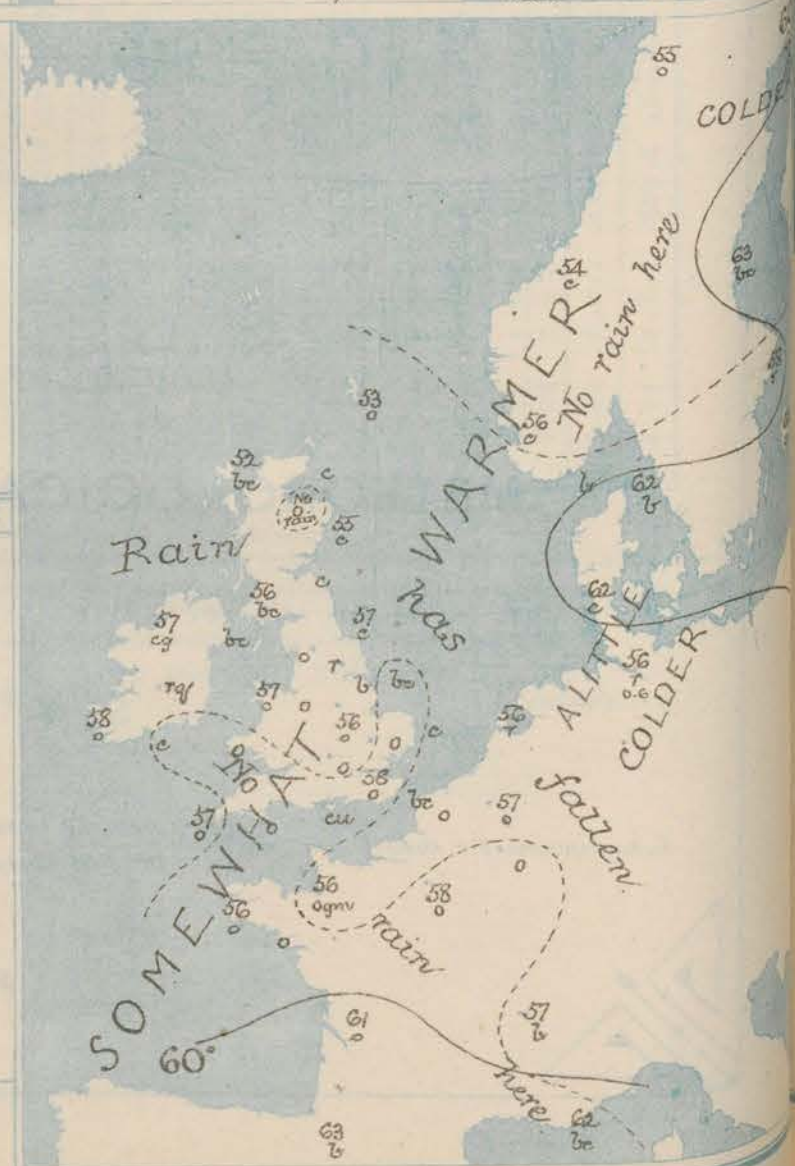
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS^s OF TEMPERATURE AT 8 A.M. AND RAINFALL for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Stornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.13 |
| Naun | 57.4 | 2.65 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Stirling | 59.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrrossan | 59.8 | 2.82 |
| Donaghadee | 59.7 | 2.85 |
| Holyhead | 58.3 | 2.73 |
| Liverpool | 59.8 | 3.07 |
| Valencia | 59.0 | 3.59 |
| Roches Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| hurst Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.42 |
| LONDON | 62.5 | 2.26 |
| Oxford | 60.4 | 2.80 |
| Cambridge | 61.3 | 2.91 |
| Wormouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Tuesday 17th July 1883 at 8 a.m.

An area of high pressure still lies over the Bay of Biscay, but the barometer is falling generally and, the change being greatest in the N, gradients over our Islands have become rather steep.

Nth or N^W winds are reported on almost all coasts; in the N & E. they are light or moderate in force, but at some of our Wth & Sth stations they blow strongly. The weather is more or

less cloudy generally, with rain at Parsonstown & Haas Junction. In the course of yesterday rain fell at most of the Nth, and also at a few of our Sth stations.

Temperature has risen a little generally, & readings range from 59° at Leith, York & Cambridge to 52° at Stromoway & Harrow. The maxima registered yesterday were below 65° in all parts of our Islands & below 60° at many of the Wth stations.

The sea is rough in the W. & S.W., slight in the E. & N.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

18th July

(ISSUED AT 11 a.m. on previous day)

DISTRICTS

FORECASTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

Nth winds, moderate, to N^W Strong; cloudy, some showers

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

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

Same as N^o 5

Same as N^o 5

Nth to N^W winds, moderate or fresh; some showers

DISTRICTS

FORECASTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

Nth winds, fresh; changeable, some showers

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

Nth winds, fresh; fair on the whole, but showers locally

Same as N^{os} 6 & 7

Same as N^o 8

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR

17TH JULY

1883

| 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 Rain. | | |
| | | | 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 | 29.59 | 62 | NE | 2 | c | 29.52 | - .17 | 60 | 53 | - 7 | NE | 6 | c | * | 72 | 55 | | | |
| Hernösand | 29.50 | 61 | Z | 0 | bc | 29.53 | - .10 | 63 | 59 | + 2 | SSW | 2 | bc | * | 77 | 48 | | | |
| Stockholm | 29.56 | 58 | WSW | 2 | o | 29.54 | - .08 | 58 | 57 | - 5 | SW | 2 | λ | * | 68 | 55 | 0.08 | | |
| Wisby | 29.61 | 57 | SW | 4 | c | 29.60 | - .00 | 62 | 57 | + 4 | W | 4 | c | * | 68 | 55 | 0.12 | | |
| Bodö | 29.67 | 57 | N | 2 | c | 29.65 | - .05 | 55 | 53 | + 1 | W | 2 | o | 1 | 63 | 50 | | | |
| Christiansund | 29.63 | 57 | N | 5 | bc | 29.63 | - .03 | 54 | 50 | - 1 | NE | 5 | c | 3 | 63 | 50 | | | |
| †Skudesnaes | 29.54 | 57 | NW | 6 | o | 29.68 | + .04 | 56 | 49 | - 2 | WNW | 4 | c | 3 | ? | ? | 0.32 | | |
| Oxö (Xiansund) | 29.59 | 58 | W | 2 | λ | 29.60 | + .02 | 60 | 55 | + 3 | NW | 4 | bc | 1 | 61 | 55 | 0.32 | | |
| Skagen (The Skaw) | 29.56 | 61 | SE | 2 | bc | 29.57 | + .02 | 62 | 58 | + 3 | N | 2 | bc | 2 | 75 | 59 | 0.28 | | |
| Fanö | 29.78 | 56 | WNW | 6 | c | 29.75 | + .15 | 62 | 55 | - 1 | WNW | 6 | c | * | 63 | 52 | | | |
| Cuxhaven | 29.87 | 56 | NW | 6 | λ | 29.86 | + .15 | 56 | 55 | - 2 | WNW | 4 | λ | * | 61 | 50 | 0.64 | | |
| †Sumburgh Head | 29.75 | 55 | NW | 3 | c | 29.65 | - .13 | 53 | 51 | + 1 | W | 1 | o | 0 | 58 | 47 | 0.09 | | |
| †Stornoway | 29.83 | 55 | W | 5 | c | 29.69 | - .23 | 52 | 50 | 0 | WNW | 4 | bc | 3 | 57 | 47 | 0.71 | | |
| Wick | 29.81 | 52 | NW | 1 | o | 29.67 | - .18 | 57 | 55 | + 4 | NW | 1 | c | 0 | 60 | 47 | 0.01 | | |
| Nairn | 29.84 | 56 | W | 2 | bc | 29.71 | - .21 | 52 | 47 | 0 | WSW | 3 | o | 3 | 61 | 47 | | | |
| †Aberdeen | 29.86 | 57 | NW | 1 | o | 29.72 | - .16 | 55 | 51 | 0 | WSW | 1 | c | 1 | 63 | 42 | 0.03 | | |
| Leith | 29.90 | 56 | NW | 2 | c | 29.75 | - .23 | 59 | 52 | + 4 | WSW | 3 | c | * | 64 | 49 | 0.06 | | |
| †Shields | 29.97 | 57 | W | 4 | o | 29.82 | - .14 | 57 | 53 | + 2 | W | 4 | c | 2 | 60 | 50 | 0.04 | | |
| Spurn Head | 30.02 | 58 | W | 5 | o | 29.92 | - .11 | 58 | 56 | + 2 | WSW | 4 | bc | 3 | 60 | 49 | 0.02 | | |
| York | 30.04 | 58 | W | 4 | o | 29.97 | - .05 | 59 | 51 | + 3 | W | 3 | bc | * | 61 | 50 | 0.02 | | |
| Loughborough | 30.10 | 59 | WSW | 2 | λ | 30.01 | - .07 | 56 | 53 | + 3 | WNW | 3 | o | * | 61 | 53 | 0.01 | | |
| †Ardrossan | 30.06 | 56 | W | 3 | o | 29.81 | - .20 | 56 | 55 | - 1 | W | 5 | bc | 3 | 60 | 51 | 0.08 | | |
| †Mullaghmore | 30.08 | 53 | WNW | 6 | gpm | 29.99 | - .10 | 57 | 55 | + 1 | WNW | 7 | cq | 6 | 58 | 52 | 0.41 | | |
| Donaghadee | 30.04 | 55 | NW | 2 | o | 29.90 | - .17 | 58 | 56 | + 1 | WNW | 4 | bc | 2 | 62 | 50 | 0.09 | | |
| Parsonstown | 30.18 | 55 | SW | 1 | o | 30.10 | - .06 | 54 | 52 | - 3 | SW | 2 | λq | * | 59 | 52 | 0.07 | | |
| Barrow-in-Furness | 30.06 | 55 | WSW | 4 | λ | 29.94 | - .07 | 56 | 54 | + 2 | SW | 5 | o | 5 | 59 | 53 | 0.07 | | |
| †Holyhead | 30.12 | 55 | W | 2 | λ | 30.02 | - .10 | 57 | 54 | + 1 | W | 6 | o | 5 | 58 | 55 | 0.04 | | |
| Liverpool (Bidston) | 30.08 | 55 | WSW | 4 | λ | 29.97 | - .11 | 56 | 53 | + 2 | WSW | 5 | o | 5 | 61 | 52 | 0.12 | | |
| †Valencia | 30.28 | 55 | W | 3 | o m | 30.24 | - .02 | 58 | 57 | + 3 | W | 4 | o | 4 | 60 | 52 | 0.01 | | |
| Roche's Point | 30.21 | 58 | NW | 3 | c | 30.20 | - .01 | 58 | 53 | + 2 | WNW | 4 | c | 3 | 64 | 54 | | | |
| Pembroke | 30.18 | 57 | W | 4 | o | 30.13 | - .05 | 55 | 53 | 0 | W | 5 | bc | 4 | 59 | 54 | 0.03 | | |
| †Scilly | 30.29 | 58 | WNW | 5 | o | 30.26 | + .01 | 57 | 53 | - 2 | WNW | 5 | o | 5 | 61 | 52 | | | |
| Prawle Point | 30.25 | 58 | WSW | 3 | o | 30.22 | - .02 | 55 | 53 | - 3 | WSW | 4 | o | 4 | 61 | 52 | | | |
| Hurst Castle | 30.19 | 59 | W | 6 | c | 30.14 | - .04 | 58 | 55 | + 3 | NW | 6 | cq | 3 | 60 | 55 | 0.03 | | |
| †Dover | 30.15 | 61 | WSW | 3 | bc | 30.07 | - .03 | 58 | 54 | - 4 | W | 3 | bc | 2 | 64 | 55 | 0.03 | | |
| London | 30.16 | 59 | W | 2 | o | 30.08 | - .06 | 58 | 53 | + 2 | W | 3 | o | * | 62 | 55 | | | |
| Oxford | 30.15 | 56 | WSW | 3 | o | 30.08 | - .06 | 57 | 53 | + 2 | WSW | 3 | o | * | 62 | 54 | 0.01 | | |
| Cambridge | 30.11 | 58 | WNW | 1 | c | 30.01 | - .09 | 59 | 54 | + 2 | W | 2 | o | * | 62 | 52 | 0.02 | | |
| †Yarmouth | 30.07 | 58 | W | 3 | c | 29.96 | - .05 | 57 | 55 | + 2 | WNW | 4 | c | 3 | 60 | 52 | 0.16 | | |
| The Helder | 30.20 | 58 | WNW | 4 | q | 29.90 | | 56 | 54 | | W | 4 | λ | 3 | 59 | 55 | 0.04 | | |
| Cape Gris Nez | 30.17 | 58 | W | 8 | o | 30.09 | - .04 | 58 | 57 | + 4 | W | 8 | o | 6 | 63 | 54 | 0.03 | | |
| †Jersey | 30.29 | 59 | W | 4 | bc | 30.26 | + .01 | 56 | 53 | - 2 | WNW | 5 | ogm | 4 | 62 | 53 | 0.04 | | |
| Brest | 30.41 | 57 | NW | 4 | o | 30.39 | + .05 | 56 | 52 | - 1 | NW | 4 | o | 3 | 63 | 55 | | | |
| Lorient | 30.40 | 61 | WNW | 7 | bc | 30.38 | + .05 | 58 | 57 | + 1 | NW | 5 | o | 3 | 64 | 52 | | | |
| †Rochefort | 30.44 | 64 | NW | 5 | bc | 30.37 | + .01 | 61 | 60 | + 2 | WNW | 4 | o | 2 | 72 | 54 | | | |
| Biarritz | 30.46 | 64 | N | 5 | bc | 30.41 | + .01 | 63 | 57 | 0 | E | 4 | bc | 2 | 66 | 55 | | | |
| Cornnna | * | * | * | * | * | 30.05 | - .01 | 57 | 55 | + 6 | WSW | 4 | o | * | 62 | ? | 0.04 | | |
| Brussels | * | * | * | * | * | 30.05 | - .01 | 57 | 55 | + 6 | WSW | 4 | o | * | 62 | ? | 0.04 | | |
| Charleville | 30.19 | 59 | NW | 4 | c | 30.20 | + .09 | 54 | 50 | + 1 | WNW | 7 | o | * | 63 | 49 | | | |
| Paris | 30.29 | 61 | NW | 5 | c | 30.24 | + .01 | 58 | 54 | + 3 | NW | 5 | o | * | * | * | 0.07 | | |
| Lyons | 30.36 | 61 | N | 1 | c | 30.35 | | 57 | 52 | | E | 1 | bc | * | 63 | 48 | | | |
| Toulon | 30.30 | 64 | NW | 9 | bc | 30.35 | - .06 | 62 | 54 | + 3 | NW | 8 | bc | 7 | 68 | 55 | | | |
| HIGH LEVEL STATION. | | | | | | | | | | | | | | | | | | Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | |
| Hawes Junction | 28.80 | 50 | W | 4 | λ | 28.66 | - .14 | 51 | 51 | + 1 | W | 3 | λ | * | 53 | 47 | 0.12 | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|---|---|---|---|----|----|------|
| Hawes Junction | 28.60 | 50 | W | 4 | λ | 28.66 | - .14 | 51 | 51 | + 1 | W | 3 | λ | * | 53 | 47 | 0.12 |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|---|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | |
|----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|---|
| Skudesnaes ... | 29.71 | 60 | 54 | NW | 8 | c | 4 | Valencia ... | 30.30 | 57 | W | 4 | om | 5 |
| Sumburgh Head | 29.78 | 55 | 52 | NW | 3 | c | 1 | Scilly ... | 30.30 | 58 | WNW | 6 | cp | 2 |
| Stornoway ... | 29.85 | 54 | 53 | W | 5 | d | 4 | Dover .. | 30.17 | 63 | W | 3 | bc | 3 |
| Aberdeen ... | 29.90 | 61 | 55 | WNW | 2 | c | 2 | London ... | 30.18 | 62 | WNW | 3 | c | 3 |
| Shields ... | 29.99 | 58 | 54 | W | 5 | o | 2 | Yarmouth ... | 30.08 | 57 | WNW | 4 | c | 4 |
| Ardrossan ... | 29.99 | 55 | 54 | WSW | 3 | o | 2 | Jersey ... | 30.31 | 62 | WSW | 4 | c | 2 |
| Mullaghmore | 30.10 | 55 | 53 | W | 6 | ogp | 5 | Rochefort ... | 30.43 | 64 | NW | 5 | | |
| Holyhead ... | 30.14 | 50 | 54 | SW | 3 | o | 3 | | | | | | | |

The barometer is falling in the Hebrides, but rising elsewhere. The W winds have freshened somewhat on our W. and coast, and cloud is more prevalent than it was in the morning. Brizzle is reported from Stornoway and showers from Mullaghmore and Scilly.

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. mist; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and
 and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

WEDNESDAY, 18TH JULY.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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D^s D^s Bookpost 5^s 10^s

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

WEDNESDAY.

18TH JULY.

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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.

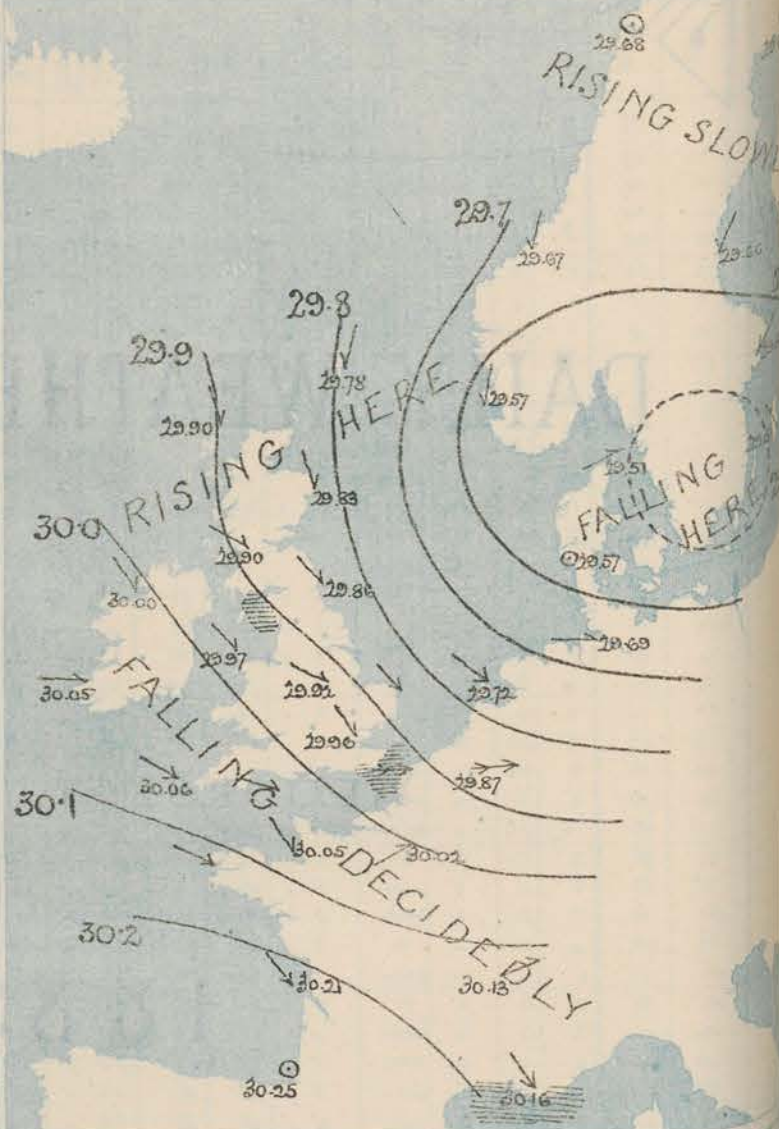
Sea Disturbance; where considerable is shown by shading round the coast; thus — Rough, — High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations. | Mean Readings |
|---------------|---------------|
| Samburgh Head | 29.827 |
| Stornoway | 29.798 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.875 |
| York | 29.902 |
| Ardrassan | 29.864 |
| Donaghadee | 29.878 |
| Ballyhead | 29.918 |
| Liverpool | 29.970 |
| Valencia | 29.944 |
| Roches Point | 29.940 |
| Pembroke | 29.942 |
| Salisbury | 29.986 |
| Borst Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.941 |
| Cambridge | 29.837 |
| Yarmouth | 29.932 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

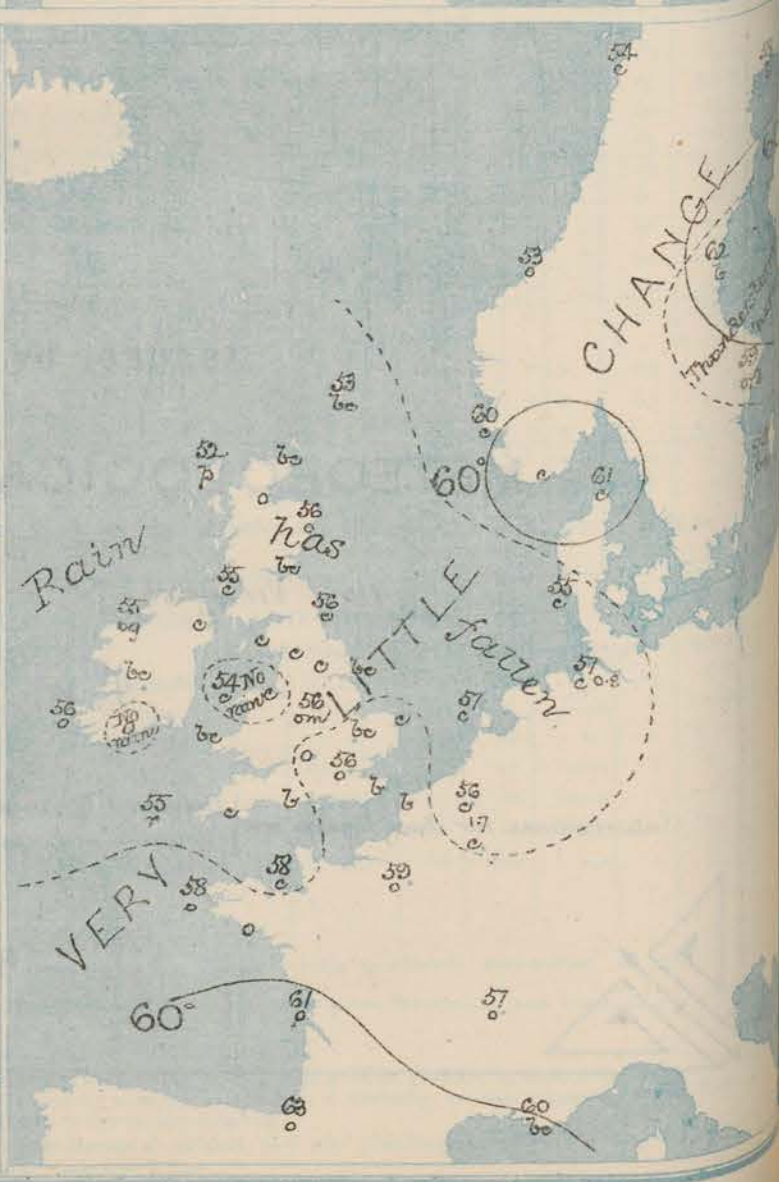
Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Samburgh Head | 53.7 | 2.06 |
| Stornoway | 56.9 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.55 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 58.1 | 2.62 |
| Shields | 58.8 | 2.56 |
| York | 59.2 | 2.41 |
| Ardrassan | 59.8 | 2.82 |
| Donaghadee | 62.7 | 2.66 |
| Ballyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roches Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Salisbury | 60.3 | 1.96 |
| Borst Castle | 61.7 | 2.33 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.1 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are the 10 years 1871 to 1880, the mean amounts of Rain are mainly these for the 35 years 1866 to 1880.



REMARKS

for... Wednesday 18th July... 1883... at 8 a.m.

The fall of the barometer which was in progress over our Islands yesterday appears to have been due to the passage eastwards of a depression across our N^o Coast.

The centre of the disturbance is now found over the South of Sweden, and the barometer is rising over Scotland & the N^o parts of Scandinavia, but at all the more S^o stations a decrease of pressure is still reported. Light or moderate N^o winds prevail on all our coasts, with cloudy

weather at the majority of stations, showers at Stornoway & rain at Scilly. In the course of yesterday showers fell in almost all parts of the Kingdom. Temperature remains low;

readings at present ranging from 60° at Dover to 52° at Stornoway. The maxima registered yesterday were again below 65° at all stations excepting Dover & below 60° on some parts of our W^o coasts.

The sea is rough at Barrow in Furness & Cape Gris Nez, moderate or smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

19th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | N ^o to NE ^o winds, light; fair on the whole |
| 2 SCOTLAND EAST | -----D ^o -----D ^o -----D ^o ----- |
| 3 ENGLAND N.E. | N ^o to N ^o winds, light; some showers |
| 4 ENGLAND EAST | Same as N ^o 5 |
| 5 MIDLAND COUNTIES | Same as N ^o 5 |
| 6 ENGLAND SOUTH | N ^o to variable breezes; cloudy, unsettled, some rain |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | Same as N ^o 2 |
| 7 ENGLAND N.W. | Same as N ^o 2 |
| 8 ENGLAND S.W. | Light & somewhat variable breezes; dull, rain at times |
| 9 IRELAND NORTH | Same as N ^o 2 |
| 10 IRELAND SOUTH | Same as N ^o 8 |
| WARNINGS | None issued |

METEOROLOGICAL OBSERVATIONS FOR

JULY 18th

1883

| 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 Rain. | | | |
| | | | Dir. | Force (0 to 12). | | Reading at 35° 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 | 29.53 | 56 | N | 4 | c | 29.66 | + .14 | 58 | 50 | - 2 | NE | 4 | b | * | 63 | 54 | - | | | |
| Hernösand | 29.55 | 63 | 2 | 0 | bc | 29.66 | + .13 | 62 | 57 | - 1 | NE | 2 | b | * | 72 | 52 | 0.06 | | | |
| Stockholm | 29.56 | 57 | 2 | 0 | o | 29.56 | + .02 | 59 | 56 | + 1 | E.N.E. | 2 | ant | * | 70 | 55 | 0.43 | | | |
| Wisby | 29.58 | 58 | S | 4 | bc | 29.51 | - .09 | 59 | 47 | - 3 | S.S.E. | 6 | bc | * | 68 | 55 | - | | | |
| Bodö | 29.65 | 57 | W.N.W. | 1 | b | 29.68 | + .03 | 54 | 51 | - 1 | 2 | 0 | c | 0 | 57 | 48 | - | | | |
| Christiansund | 29.69 | 55 | N.E. | 4 | c | 29.67 | + .04 | 53 | 50 | - 1 | N.E. | 4 | o | 3 | 59 | 50 | - | | | |
| †Skudesnaes | 29.62 | 57 | N.W. | 4 | c | 29.57 | - .11 | 60 | 54 | + 4 | N.N.E. | 1 | c | 2 | ? | 55 | - | | | |
| Oxö (Christiansund) | 29.53 | 61 | W. | 2 | bc | 29.52 | - .08 | 60 | 57 | 0 | N.E. | 2 | c | 1 | 66 | 54 | - | | | |
| Skagen (The Skaw) | 29.56 | 56 | W.S.W. | 3 | b | 29.51 | - .06 | 51 | 56 | - 1 | W | 2 | c | 2 | 64 | 54 | - | | | |
| Fanö | 29.67 | 55 | W.N.W. | 4 | c | 29.57 | - .18 | 55 | 52 | - 7 | 2 | 0 | c | * | 64 | 52 | 0.32 | | | |
| Cuxhaven | 29.79 | 53 | W.N.W. | 3 | h | 29.69 | - .17 | 57 | 55 | + 1 | W | 3 | c | * | 57 | 49 | 0.78 | | | |
| †Sumburgh Head | 29.71 | 55 | E | 3 | c | 29.78 | + .13 | 53 | 50 | 0 | N.E. | 3 | bc | 2 | 58 | 48 | 0.02 | | | |
| †Stornoway | 29.86 | 54 | N.W. | 4 | o | 29.90 | + .21 | 52 | 51 | 0 | N.W. | 3 | p | 2 | 59 | 46 | 0.03 | | | |
| Wick | 29.66 | 58 | N | 4 | c | 29.85 | + .18 | 58 | 52 | + 1 | N | 2 | bc | 0 | 61 | 42 | - | | | |
| Nairn | 29.79 | 55 | N.W. | 4 | h | 29.87 | + .16 | 54 | 50 | + 2 | W | 1 | o | 0 | 57 | 50 | 0.27 | | | |
| †Aberdeen | 29.74 | 59 | N.W. | 1 | bc | 29.83 | + .11 | 56 | 52 | + 1 | N.W. | 2 | o | 1 | 63 | 49 | 0.15 | | | |
| Leith | 29.78 | 55 | W.N.W. | 3 | c | 29.87 | + .12 | 58 | 53 | - 1 | N.W. | 2 | bc | * | 64 | 48 | 0.14 | | | |
| †Shields | 29.76 | 59 | N.W. | 6 | c | 29.86 | + .04 | 56 | 53 | - 1 | N.W. | 3 | c | 2 | 64 | 47 | 0.10 | | | |
| Spurn Head | 29.78 | 60 | W.N.W. | 6 | b | 29.86 | - .06 | 57 | 54 | - 1 | W.N.W. | 5 | bc | 4 | 63 | 54 | 0.02 | | | |
| York | 29.81 | 59 | W | 4 | c | 29.94 | - .03 | 56 | 51 | - 3 | N.W. | 2 | c | * | 63 | 46 | 0.06 | | | |
| Loughborough | 29.89 | 61 | W.N.W. | 6 | b | 29.92 | - .09 | 56 | 52 | 0 | W.N.W. | 3 | cm | * | 64 | 51 | 0.03 | | | |
| †Ardrossan | 29.84 | 57 | W.N.W. | 4 | b | 29.90 | + .09 | 55 | 53 | - 1 | W.N.W. | 3 | c | 2 | 60 | 50 | - | | | |
| †Mullaghmore | 30.03 | 56 | W.N.W. | 6 | ogm | 30.00 | + .01 | 55 | 51 | - 2 | N.W. | 2 | og | 3 | 59 | 53 | 0.01 | | | |
| Donaghadee | 29.94 | 58 | W.N.W. | 6 | c | 29.96 | + .06 | 55 | 52 | - 3 | N.W. | 3 | c | 1 | 63 | 50 | 0.07 | | | |
| Parsonstown | 30.06 | 58 | N.W. | 1 | bc | 30.04 | - .06 | 53 | 51 | - 1 | W | 1 | bc | * | 60 | 44 | 0.69 | | | |
| Barrow-in-Furness | 29.87 | 57 | N.W. | 6 | bc | 29.92 | - .02 | 54 | 52 | - 2 | N.W. | 3 | c | 6 | 60 | 52 | 0.08 | | | |
| †Holyhead | 29.98 | 58 | W.N.W. | 5 | bc | 29.97 | - .05 | 54 | 51 | - 3 | N.W. | 4 | c | 4 | 62 | 53 | - | | | |
| Liverpool (Bidston) | 29.90 | 58 | W | 6 | c | 29.93 | - .04 | 54 | 51 | - 2 | W.N.W. | 4 | c | 4 | 62 | 53 | - | | | |
| †Valencia | 30.17 | 57 | W | 3 | om | 30.05 | - .19 | 56 | 55 | - 2 | W | 2 | o | 2 | 64 | 51 | 0.99 | | | |
| Roche's Point | 30.10 | 61 | N.W. | 5 | bc | 30.06 | - .14 | 56 | 54 | - 2 | N.W. | 2 | o | 3 | 64 | 52 | - | | | |
| Pembroke | 30.04 | 57 | W.S.W. | 5 | o | 30.02 | - .11 | 56 | 53 | + 1 | W.N.W. | 2 | bc | 2 | 58 | 54 | 0.07 | | | |
| †Scilly | 30.20 | 58 | W | 6 | o | 30.06 | - .20 | 58 | 57 | + 1 | W.N.W. | 5 | h | 4 | 60 | 56 | 0.11 | | | |
| Prawle Point | 30.14 | 57 | W.S.W. | 5 | o | 30.03 | - .19 | 57 | 56 | + 2 | W.N.W. | 2 | c | 3 | 61 | 53 | 0.05 | | | |
| Hurst Castle | 30.07 | 58 | W.N.W. | 6 | c | 30.00 | - .14 | 59 | 53 | + 1 | N.W. | 4 | b | 4 | 64 | 53 | 0.02 | | | |
| †Dover | 29.96 | 60 | W | 5 | c | 29.92 | - .15 | 60 | 53 | + 2 | N.W. | 3 | b | 2 | 67 | 51 | - | | | |
| †London | 29.94 | 58 | W.N.W. | 4 | o | 29.96 | - .12 | 56 | 51 | - 2 | N.W. | 2 | o | * | 63 | 50 | - | | | |
| Oxford | 29.97 | 55 | SW | 4 | bc | 29.97 | - .11 | 54 | 51 | - 3 | W.S.W. | 2 | og | * | 62 | 48 | - | | | |
| Cambridge | 29.96 | 60 | W | 2 | c | 29.93 | - .08 | 58 | 53 | - 1 | N.W. | 1 | bc | * | 61 | 47 | 0.25 | | | |
| †Yarmouth | 29.83 | 60 | W | 4 | c | 29.85 | - .11 | 57 | 52 | 0 | N.W. | 5 | c | 3 | 63 | 48 | 0.25 | | | |
| The Helder | 29.77 | 55 | W.N.W. | 4 | b | 29.72 | - .18 | 57 | 53 | + 1 | N.W. | 5 | c | 3 | 63 | 55 | 0.21 | | | |
| Cape Gris Nez | 29.99 | 58 | W | 9 | o | 29.93 | - .16 | 55 | 55 | - 3 | W | 8 | b | 6 | 63 | 54 | 0.07 | | | |
| †Jersey | 30.18 | 57 | W | 6 | op | 30.05 | - .21 | 58 | 57 | + 2 | N.W. | 3 | cm | 3 | 61 | 54 | 0.07 | | | |
| Brest | 30.31 | 59 | W.N.W. | 4 | o | ? | ? | 58 | 55 | + 2 | W.N.W. | 5 | o | 4 | 59 | 55 | - | | | |
| Lorient | 30.30 | 59 | N.W. | 5 | o | 30.19 | - .19 | 58 | 57 | 0 | W.N.W. | 7 | o | 3 | 63 | 54 | - | | | |
| †Rochefort | 30.31 | 62 | N.W. | 5 | o | 30.21 | - .16 | 61 | 59 | 0 | N.W. | 5 | o | 2 | 68 | 54 | - | | | |
| Biarritz | 30.31 | 66 | N | 5 | b | 30.25 | - .16 | 63 | 59 | 0 | S | 1 | o | 1 | 73 | 54 | - | | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - | | |
| Brussels | * | * | * | * | * | 29.87 | - .18 | 56 | 52 | - 1 | W | 8 | c | * | 63 | 53 | 1.74 | | | |
| Charleville | 30.08 | 57 | N.W. | 8 | c | 29.89 | - .31 | 57 | 51 | + 3 | N | 7 | c | * | 61 | 51 | 0.12 | | | |
| Paris | 30.15 | 62 | W | 5 | o | 30.02 | - .22 | 59 | 55 | + 1 | W.S.W. | 3 | o | * | * | * | - | | | |
| Lyons | 30.22 | 64 | N.W. | 3 | b | 30.13 | - .22 | 57 | 53 | 0 | W.S.W. | 1 | o | * | 69 | 55 | - | | | |
| Toulon | 30.28 | 65 | N.W. | 8 | bc | 30.16 | - .19 | 60 | 50 | - 2 | N.W. | 7 | bc | 6 | 70 | 54 | - | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.62 | 51 | W | 3 | o | 28.62 | + .02 | 50 | 48 | - 1 | W | 2 | c | * | 57 | 46 | 0.24 | | | |

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

| Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | Valencia | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. |
|---------------|-------|------|-------|--------|------|-----------|-------|------|------|--------|------|------|
| Skudesnaes | | | | | | Valencia | 30.19 | 58 | 58 | W | 4 | om |
| Sumburgh Head | 29.68 | 57 | 53 | E | 2 | Scilly | 30.22 | 60 | 56 | W.N.W. | 6 | c |
| Stornoway | 29.79 | 58 | 53 | N.W. | 5 | Dover | 30.02 | 65 | 58 | W | 5 | bc |
| Aberdeen | 29.71 | 55 | 52 | N.W. | 1 | London | 30.02 | 63 | 56 | W.N.W. | 3 | o |
| Shields | 29.75 | 63 | 58 | W.N.W. | 6 | Yarmouth | 29.90 | 62 | 57 | W.S.W. | 4 | c |
| Ardrossan | 29.82 | 59 | 57 | W.N.W. | 5 | Jersey | 30.22 | 60 | 56 | W | 5 | e |
| Mullaghmore | 30.03 | 58 | 53 | N.W. | 6 | Rochefort | 30.38 | 66 | 64 | N.W. | 5 | o |
| Holyhead | 29.99 | 61 | 57 | W | 6 | | | | | | | |

The barometer is rising again at Stornoway and Mullaghmore, but continues to fall elsewhere. Fresh or strong from W or NW prevail generally, with cloudy weather in most places and showers at Stornoway.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. mist; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 8 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

THURSDAY, 19TH JULY.

1883.

ISSUED BY THE

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ROBERT M. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Thursday 19th JULY

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer: Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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: when considerable, is shown by shading round the coast.

thus - Rough, - High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations | Mean Readings |
|---------------|---------------|
| Sumbargh Head | 29.877 |
| Sarnoway | 29.799 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aburdeen | 29.829 |
| Leith | 29.840 |
| Shetland | 29.873 |
| York | 29.902 |
| Ardrassan | 29.864 |
| Dunghaden | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roches Point | 29.940 |
| Pembroke | 29.942 |
| Scilly | 29.968 |
| Brest Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.956 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Yarmouth | 29.974 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature: Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather: Letters of the Beaufort Scale show state of weather at 8 a.m.

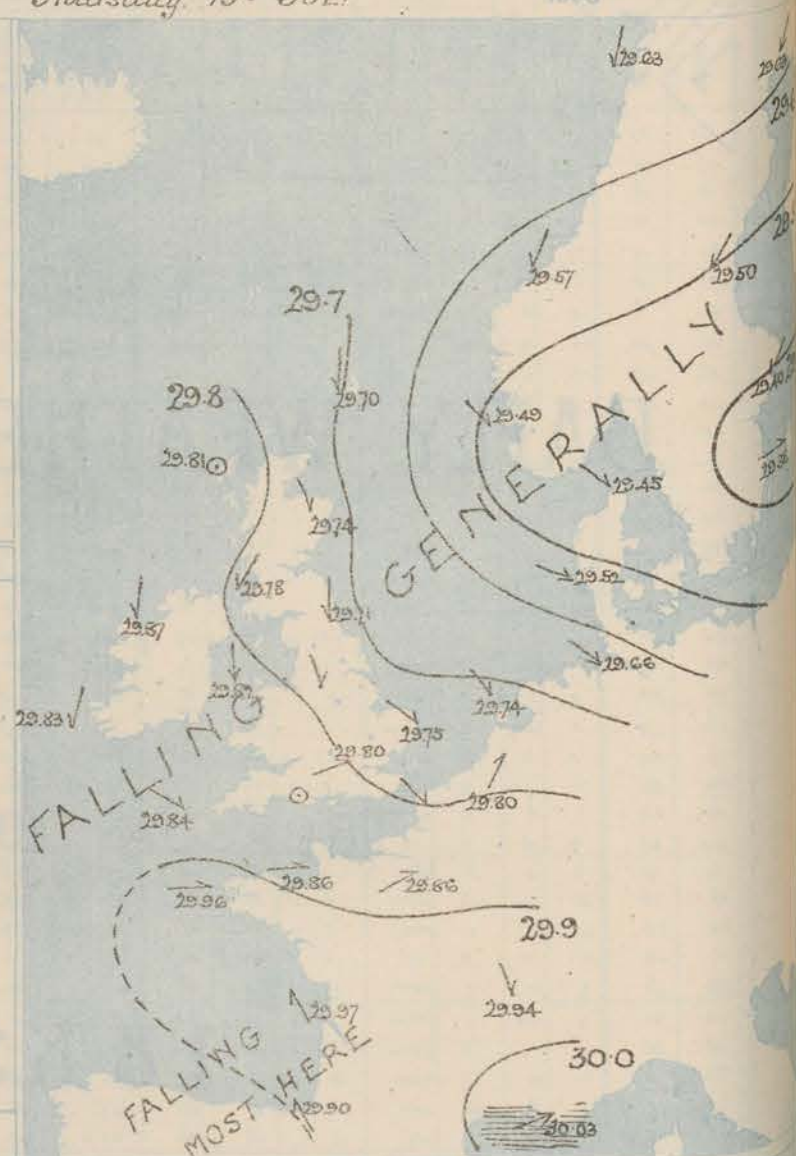
Rainfall: A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

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

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumbargh Head | 53.7 | 2.45 |
| Sarnoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.58 |
| Aburdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shetland | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrassan | 59.8 | 2.42 |
| Dunghaden | 61.7 | 2.66 |
| Holyhead | 58.3 | 2.19 |
| Liverpool | 59.6 | 3.01 |
| Valencia | 59.0 | 3.50 |
| Roches Point | 59.1 | 3.07 |
| Pembroke | 58.6 | 2.12 |
| Scilly | 60.3 | 1.96 |
| Brest Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.32 |
| LONDON | 62.6 | 2.36 |
| Oxford | 60.9 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.22 |

* These mean 8 a.m. Temperatures are from the 10 years 1873 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Thursday 19th July 1883 at 8 a.m.

The barometer is falling generally - most at ^{our} Southwestern and the French stations - and while the lowest pressures are still reported from the South of Sweden a new depression is apparently advancing over the Bay of Biscay. N^{ly} or N^W Breezes are still reported on most parts of our coasts, but at the extreme Southern stations the wind is light and variable, while in the West of France it has shifted to SE. The weather is fine at some of the Northwestern and Southeastern stations, cloudy or overcast elsewhere, with showers at Wick, Pembroke & Scilly, and rain at Leith. In the course of yesterday rain fell at all the Western and Northern stations. Temperature has fallen a few degrees, and now ranges from 53° at Mullaghmore, Dover and in London to 50° at Harwich and Leith. The maxima registered yesterday were again below 65° over the greater part of the Kingdom. The sea is moderate or smooth.

FORECASTS

for the 24 hours ending at Noon
on the

20th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|--|
| 1 SCOTLAND NORTH | N ^{ly} winds, light; cloudy, some showers. |
| 2 SCOTLAND EAST | -----D-----D-----D----- |
| 3 ENGLAND N.E. | -----D-----D-----D----- |
| 4 ENGLAND EAST | Same as N ^o 5 |
| 5 MIDLAND COUNTIES | Same as N ^o 5 |
| 6 ENGLAND SOUTH | Light and somewhat variable breezes; fair to dull and some rain, perhaps thunder |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | N ^{ly} winds, light or moderate; fine generally |
| 7 ENGLAND N.W. | -----D-----D-----D----- |
| 8 ENGLAND S.W. | Light variable breezes; dull, rain at times |
| 9 IRELAND NORTH | Light breezes, chiefly N ^{ly} ; fair on the whole |
| 10 IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

None Issued

METEOROLOGICAL OBSERVATIONS FOR

19th JULY

1883

| 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. | Sun. (0 to 9). | SHADE TEMP. | | Amount of Rain. | | |
| | | | 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 | 29.73 | 56 | Z | 0 | b | 29.63 | -.03 | 62 | 54 | + 4 | NE | 6 | b | * | 66 | 50 | 0.00 | | |
| Hernösand | 29.62 | 58 | NNE | 6 | bc | 29.50 | -.16 | 58 | 54 | - 4 | NE | 4 | 0 | * | 73 | 52 | 0.00 | | |
| Stockholm | 29.50 | 56 | E | 2 | b | 29.40 | -.16 | 63 | 58 | + 4 | ENE | 2 | 0 | * | 63 | 54 | 0.00 | | |
| Wisby | 29.47 | 57 | SE | 4 | b | 29.38 | -.13 | 60 | 57 | + 1 | W | 4 | bc | * | 70 | 52 | 0.00 | | |
| Bodö | 29.69 | 56 | N | 2 | b | 29.63 | -.05 | 55 | 51 | + 1 | NNE | 2 | b | 1 | 63 | 46 | 0.00 | | |
| Christiansund | 29.64 | 54 | SE | 5 | 0 | 29.57 | -.10 | 54 | 52 | + 1 | NE | 4 | f. | 2 | 59 | 50 | 0.00 | | |
| †Skudesnaes | 29.55 | 58 | NW | 6 | 0 | 29.49 | -.08 | 57 | 55 | - 3 | NW | 4 | 0 | 3 | 64 | 57 | 0.00 | | |
| Oxö (Kristiansund) | 29.53 | 62 | NNE | 1 | c | 29.47 | -.05 | 59 | 56 | - 1 | NNE | 2 | c | 0 | 63 | 54 | 0.00 | | |
| Skagen (The Skaw) | 29.51 | 58 | ENE | 2 | c | 29.45 | -.06 | 60 | 56 | - 1 | NW | 2 | c | 1 | 72 | 55 | 0.00 | | |
| Fanö | 29.57 | 57 | WNW | 4 | c | 29.52 | -.05 | 57 | 56 | + 2 | WNW | 6 | c | * | 63 | 54 | 0.00 | | |
| Cuxhaven | 29.66 | 55 | NW | 5 | bc | 29.66 | -.03 | 56 | 53 | - 1 | NW | 6 | bc | * | 61 | 52 | 0.00 | | |
| †Sumburgh Head | 29.78 | 52 | NNE | 3 | c | 29.70 | -.08 | 51 | 47 | - 2 | N | 4 | e | 3 | 55 | 46 | 0.00 | | |
| †Stornoway | 29.87 | 50 | N | 3 | λ | 29.81 | -.09 | 52 | 50 | 0 | Z | 0 | c | 0 | 54 | 44 | 0.00 | | |
| Wick | 29.83 | 57 | S | 2 | bc | 29.77 | -.08 | 51 | 50 | - 1 | N | 2 | cp | 2 | 62 | 47 | 0.00 | | |
| Nairn | 29.84 | 53 | WNW | 2 | N | 29.80 | -.07 | 60 | 48 | - 4 | Z | 0 | 0 | 1 | 59 | 46 | 0.00 | | |
| †Aberdeen | 29.82 | 54 | SSE | 1 | 0 | 29.74 | -.09 | 54 | 50 | - 2 | NNW | 2 | 0 | 2 | 60 | 47 | 0.00 | | |
| Leith | 29.80 | 58 | WNW | 2 | c | 29.76 | -.11 | 50 | 49 | - 3 | NW | 2 | λ | * | 55 | 47 | 0.00 | | |
| †Shields | 29.83 | 57 | E | 2 | 0 | 29.71 | -.15 | 53 | 50 | - 3 | N | 3 | 0 | 2 | 59 | 45 | 0.00 | | |
| Spurn Head | 29.86 | 55 | N | 3 | c | 29.73 | -.13 | 54 | 53 | - 3 | W | 4 | 0 | 3 | 51 | 51 | 0.00 | | |
| York | 29.87 | 60 | NNW | 1 | c | 29.79 | -.15 | 55 | 49 | - 1 | NNW | 3 | b | * | 65 | 47 | 0.00 | | |
| Loughborough | 29.89 | 60 | W | 3 | 0 | 29.79 | -.13 | 52 | 50 | - 4 | WSW | 2 | opm | * | 65 | 49 | 0.00 | | |
| †Ardrossan | 29.86 | 57 | WNW | 3 | b | 29.78 | -.12 | 53 | 51 | - 2 | NE | 1 | bc | 1 | 68 | 49 | 0.00 | | |
| †Mullaghmore | 29.94 | 58 | W | 4 | c | 29.87 | -.13 | 58 | 53 | + 3 | N | 1 | bcv | 1 | 60 | 54 | 0.00 | | |
| Donaghadee | 29.92 | 56 | NNE | 2 | c | 29.83 | -.13 | 54 | 50 | - 1 | NE | 4 | bc | 2 | 61 | 44 | 0.00 | | |
| Parsonstown | 29.92 | 62 | NW | 1 | bc | 29.91 | -.13 | 56 | 51 | + 3 | NW | 1 | b | * | 63 | 49 | 0.00 | | |
| Barrow-in-Furness | 29.97 | 57 | NW | 3 | b | 29.77 | -.15 | 64 | 50 | 0 | NW | 4 | bc | 4 | 61 | 51 | 0.00 | | |
| †Holyhead | 29.93 | 56 | NW | 2 | c | 29.82 | -.15 | 54 | 50 | 0 | N | 5 | b | 4 | 59 | 54 | 0.00 | | |
| Liverpool (Bidston) | 29.90 | 58 | W | 2 | bc | 29.79 | -.14 | 55 | 51 | + 1 | WNW | 3 | b | 3 | 59 | 51 | 0.00 | | |
| †Valencia | 29.96 | 57 | W | 2 | opm | 29.83 | -.22 | 57 | 56 | + 1 | NNE | 1 | 0 | 1 | 58 | 53 | 0.00 | | |
| Roche's Point | 29.95 | 56 | SW | 2 | λ | 29.84 | -.22 | 57 | 55 | + 1 | NW | 1 | c | 2 | 60 | 51 | 0.00 | | |
| Pembroke | 29.95 | 57 | WNW | 2 | bc | 29.81 | -.21 | 55 | 54 | - 1 | WNW | 1 | op | 1 | 58 | 54 | 0.00 | | |
| †Scilly | 29.98 | 57 | WNW | 5 | op | 29.84 | -.22 | 57 | 57 | - 1 | WNW | 4 | op | 4 | 58 | 55 | 0.00 | | |
| Prawle Point | 29.97 | 57 | WSW | 2 | 0 | 29.84 | -.19 | 54 | 54 | - 3 | S | 1 | f | 2 | 61 | 52 | 0.00 | | |
| Hurst Castle | 29.92 | 61 | W | 5 | bc | 29.83 | -.17 | 56 | 53 | - 3 | Z | 0 | c | 2 | 67 | 49 | 0.00 | | |
| †Dover | 29.89 | 62 | WNW | 3 | bc | 29.78 | -.14 | 58 | 53 | - 2 | N | 3 | b | 1 | 64 | 53 | 0.00 | | |
| †London | 29.90 | 61 | W | 2 | c | 29.80 | -.16 | 58 | 53 | + 2 | WSW | 2 | 0 | * | 64 | 51 | 0.00 | | |
| †Oxford | 29.90 | 57 | WNW | 1 | c | 29.80 | -.17 | 56 | 53 | + 2 | W | 1 | bc | * | 61 | 47 | 0.00 | | |
| Cambridge | 29.89 | 56 | NW | 1 | c | 29.78 | -.15 | 56 | 53 | - 2 | WSW | 1 | c | * | 64 | 47 | 0.00 | | |
| †Yarmouth | 29.87 | 60 | NNW | 3 | bc | 29.75 | -.10 | 54 | 52 | - 3 | WNW | 3 | c | 3 | 61 | 49 | 0.00 | | |
| The Helder | 29.79 | 58 | NW | 4 | λ | 29.74 | -.02 | 58 | 53 | + 1 | NW | 1 | bc | 1 | 59 | 55 | 0.00 | | |
| Cape Gris Nez | 29.92 | 60 | W | 5 | c | 29.79 | -.14 | 58 | 55 | + 3 | NW | 3 | c | 0 | 64 | 55 | 0.00 | | |
| †Jersey | 29.99 | 57 | W | 3 | opm | 29.86 | -.19 | 56 | 56 | - 2 | W | 3 | og | 3 | 61 | 54 | 0.00 | | |
| Brest | 30.09 | 59 | WNW | 3 | 0 | 29.96 | ? | 56 | 55 | - 2 | W | 3 | 0 | 3 | 61 | 55 | 0.00 | | |
| Lorient | 30.10 | 59 | WNW | 5 | 0 | 29.97 | -.22 | 56 | 55 | - 2 | WNW | 1 | 0 | 2 | 64 | 52 | 0.00 | | |
| †Rochefort | 30.11 | 63 | NW | 5 | 0 | 29.97 | -.24 | 62 | 61 | + 1 | SE | 3 | 0 | 2 | 73 | 55 | 0.00 | | |
| Biarritz | 30.08 | 65 | N | 4 | bc | 29.90 | -.35 | 58 | 57 | - .5 | SE | 4 | bc | 2 | 70 | 54 | 0.00 | | |
| Cornwall | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.00 | |
| Brussels | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.00 | |
| Charleville | 29.89 | 59 | N | 4 | b | 29.86 | -.03 | 52 | 50 | - 5 | NNW | 1 | c | * | 65 | 48 | 0.00 | | |
| Paris | 29.97 | 65 | NW | 5 | c | 29.86 | -.16 | 59 | 55 | 0 | WSW | 3 | 0 | * | 65 | * | 0.00 | | |
| Lyons | 30.04 | 63 | N | 1 | bc | 29.94 | -.19 | 60 | 55 | + 3 | NNW | 1 | 0 | * | 68 | 56 | 0.00 | | |
| Toulon | 30.08 | 64 | NW | 7 | bc | 30.03 | -.13 | 63 | 54 | + 3 | WSW | 7 | bc | 6 | 66 | 52 | 0.00 | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|----|-------|------|----|----|-----|---|---|----|---|----|----|------|
| Hawes Junction | 29.65 | 50 | S | 1 | bc | 28.52 | -.16 | 48 | 46 | - 2 | W | 3 | bc | * | 67 | 41 | 0.00 |
|----------------|-------|----|---|---|----|-------|------|----|----|-----|---|---|----|---|----|----|------|

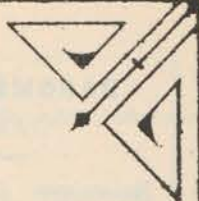
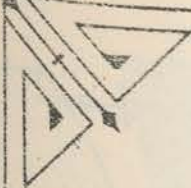
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | |
|-----------------|-------|------|------|-------|------|------|--------------|---------------|-------|------|-------|------|------|----|
| Skudesnaes ... | | | | | | | Valencia ... | 30.01 | 58 | 58 | WNW | 1 | NW | |
| Sumburgh Head | 29.79 | 54 | 50 | WSW | 3 | c | 3 | Scilly ... | 30.02 | 58 | 57 | W | 4 | NW |
| Stornoway ... | 29.89 | 51 | 51 | N | 3 | d | 2 | Dover ... | 29.92 | 63 | 55 | WNW | 2 | 0 |
| Aberdeen ... | 29.85 | 60 | 55 | NNW | 1 | 0 | 2 | London ... | 29.94 | 61 | 52 | NW | 3 | c |
| Shields ... | 29.87 | 57 | 55 | NNE | 1 | c | 2 | Yarmouth ... | 29.87 | 60 | 54 | NNW | 4 | 0 |
| Ardrossan ... | 29.89 | 60 | 57 | WNW | 2 | 0 | 1 | Jersey ... | 30.02 | 59 | 57 | WNW | 4 | 0 |
| Mullaghmore ... | 29.97 | 58 | 53 | WNW | 3 | bcv | 2 | Rochefort ... | 30.19 | 67 | 64 | NNW | 5 | 0 |
| Holyhead ... | 29.96 | 58 | 54 | NW | 3 | c | 3 | | | | | | | |

The barometer continues to rise slowly on our E. and NE. coasts, but is falling elsewhere. The wind has backed a little in the N. and mist at Valencia and Scilly, but in the E. light N. and NW breezes and fair weather are still reported.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. mist; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and
 and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

FRIDAY, 20TH JULY

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
D^s D^s Bookpost 5^s D^s



ROBERT H. SCOTT

(SECRETARY.)



Printed by J. G. & Co. at the Ballin's Press, 10, St. James's Garden.

WEATHER CHARTS

for 8 a.m. on

FRIDAY, 20th JULY.

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast,

thus — Rough; — High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.875 |
| Stornoway | 29.799 |
| Wick | 29.813 |
| Nairn | 29.829 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrossan | 29.864 |
| Dunghadree | 29.873 |
| Holyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roche's Point | 29.940 |
| Pembroke | 29.942 |
| Scilly | 29.986 |
| Harst Castle | 29.961 |
| Dover | 29.989 |
| LONDON | 29.955 |
| Oxford | 29.945 |
| Cambridge | 29.937 |
| Yarmouth | 29.934 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

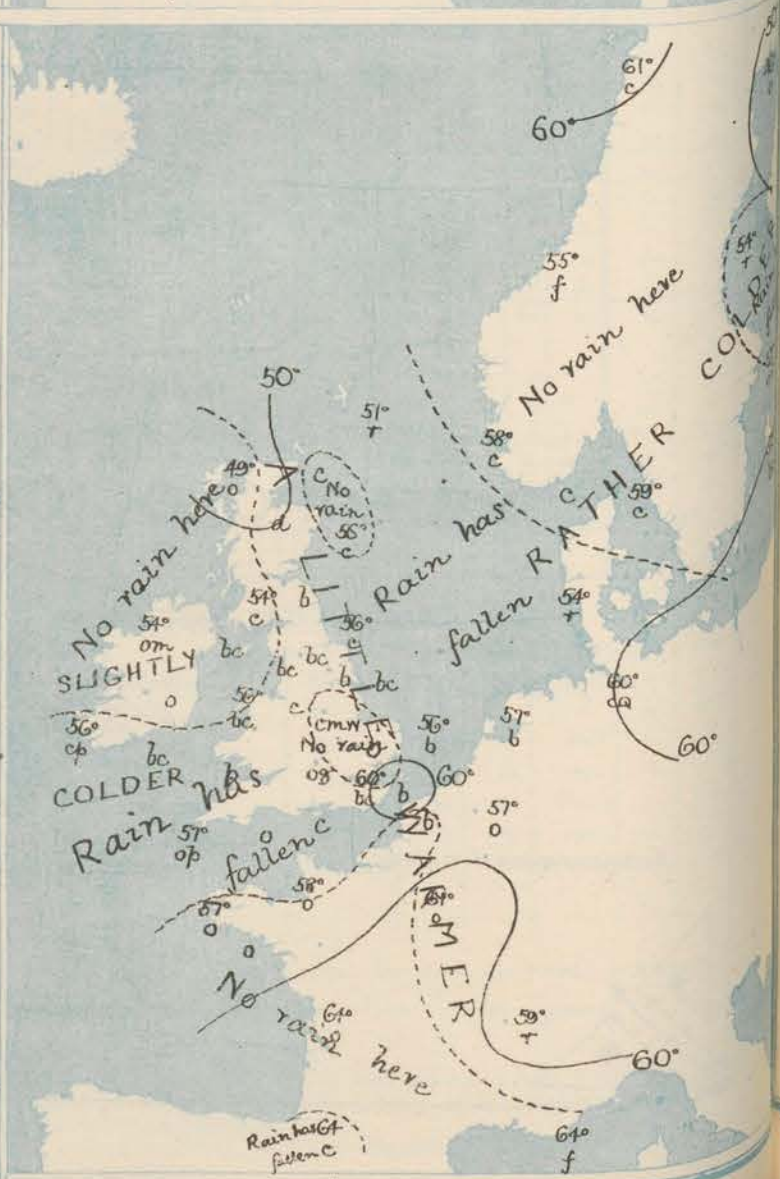
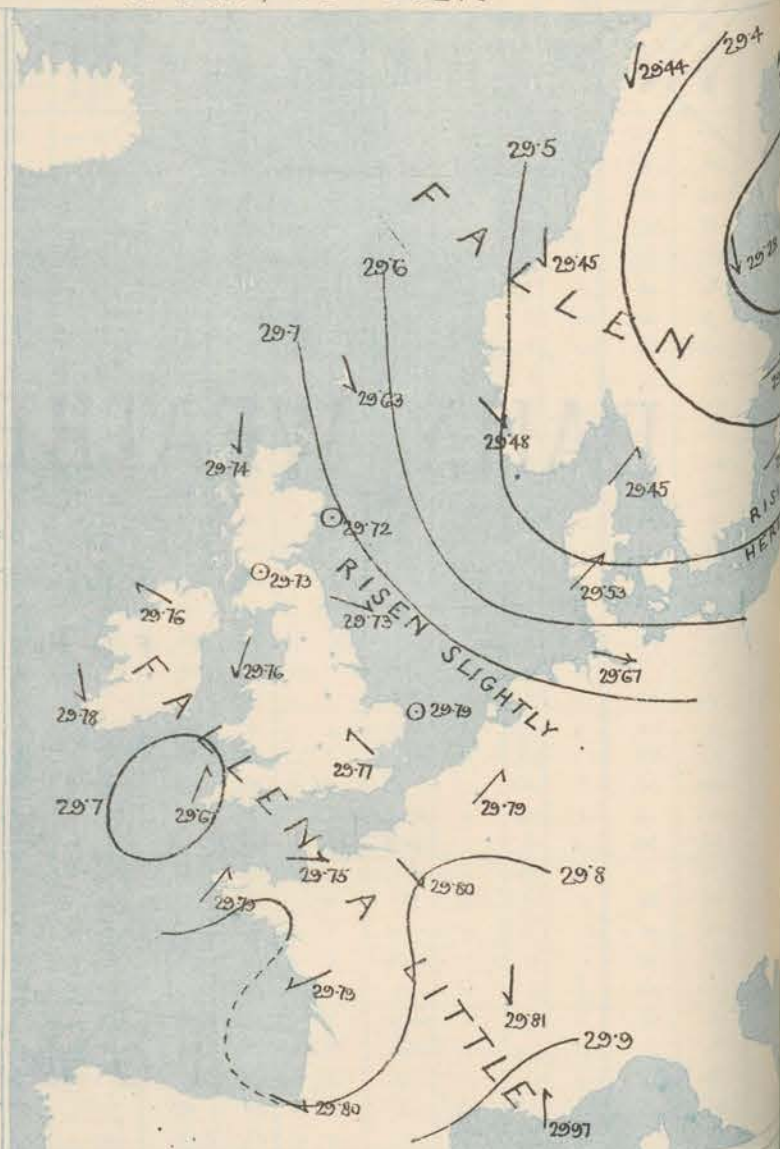
Falls of 0.5 in. or more, are quoted in figures.

MEANS^s OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of July.

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Stornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.65 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shields | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 59.8 | 2.82 |
| Dunghadree | 57.7 | 2.56 |
| Holyhead | 58.3 | 2.79 |
| Liverpool | 59.8 | 3.07 |
| Valencia | 59.0 | 3.59 |
| Roche's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Scilly | 60.3 | 1.96 |
| Harst Castle | 61.7 | 2.31 |
| * Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.62 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Friday 20th July 1883 at 8 a.m.

The weather over the British Islands appears to be falling into a showery unsettled condition again, and the appearance of the sky over England is threatening. The depression which lay over the S. parts of Scandinavia yesterday is moving away in a N. direction, while the new one which was approaching NE. over the Bay of Biscay has reached the W. of France & the mouth of the Channel. With the advance of this new disturbance the ^{sky} has begun to assume an unsettled threatening appearance, and solar halos have been seen in several places. Temperature has changed little & irregularly. The highest of the daily maxima recorded ^{over England} yesterday were 66° in London & at Bournemouth & Loughboro'. The wind has fallen very light & variable, the amount of cloud is increasing & slight rain is falling at several of our N. & W. stations. Some rain fell yesterday except in the N. parts of Ireland & England.

The sea is moderate at Scilly, smooth or nearly so elsewhere

FORECASTS

for the 24 hours ending at Noon
on the

21st July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

N. and N.W. breezes, light; fair on the whole

Light variable breezes; unsettled, some rain and perhaps thunder

Same as N° 5

Same as N° 5

Varying breezes; unsettled weather; close, rain at times & thunder locally

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

FORECASTS

Same as N° 0

Same as N° 9 and 10

Same as N° 5

Wind variable from N.W.; a few showers, otherwise fair

None Issued

WARNINGS

METEOROLOGICAL OBSERVATIONS FOR

20th JULY

1883

| 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 (10 to 6). | SHADE TEMP. | | Amount Rainfall. | | |
| | | | Dir. | Force. (0 to 15). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. 0 to 15. | | | Max. | Min. | | | |
| Haparanda | 29.37 | 60 | NE | 6 | 0 | 29.32 | - .31 | 46 | 45 | - 10. | NE | 6 | 0 | 0 | 66 | 46 | - | | |
| Hernösand | 29.36 | 57 | Z | 0 | 0 | 29.28 | - .22 | 54 | 51 | - 4 | N | 6 | 0 | 0 | 64 | 51 | 0.35 | | |
| Stockholm | 29.35 | 56 | W | 2 | 0 | 29.37 | - .03 | 57 | 55 | - 6 | W | 2 | 0 | 0 | 66 | 54 | 0.04 | | |
| Wisby | 29.38 | 61 | W | 4 | 0 | 29.43 | + .05 | 60 | 57 | 0 | WSW | 6 | 0 | 0 | 68 | 50 | - | | |
| Bodö | 29.52 | 59 | WNW | 2 | 0 | 29.44 | - .19 | 61 | 55 | + 6 | NNE | 2 | 0 | 1 | 68 | 50 | - | | |
| Christiansund | 29.46 | 56 | NE | 4 | 0 | 29.45 | - .12 | 55 | 54 | + 1 | N | 2 | 0 | 2 | 61 | 52 | - | | |
| †Skudesnaes | 29.46 | 57 | NW | 6 | 0 | 29.48 | - .01 | 58 | 55 | + 1 | NW | 4 | 0 | 3 | 61 | 57 | - | | |
| Oxö (Xtiansund) | 29.43 | 60 | SW | 1 | 0 | 29.43 | - .04 | 55 | 53 | - 4 | NW | 1 | 0 | 1 | 63 | 52 | - | | |
| Skagen (The Skaw) | 29.44 | 61 | Z | 0 | 0 | 29.45 | - .00 | 59 | 55 | - 1 | WSW | 2 | 0 | 2 | 70 | 54 | - | | |
| Fanö | 29.56 | 55 | W | 4 | 0 | 29.53 | + .01 | 54 | 53 | - 3 | WSW | 6 | 0 | 0 | 61 | 54 | 0.24 | | |
| Cuxhaven | 29.67 | 50 | W | 3 | 0 | 29.67 | + .01 | 60 | 57 | + 4 | WNW | 5 | 0 | 2 | 61 | 50 | 0.22 | | |
| †Sumburgh Head | 29.65 | 50 | WNW | 4 | 0 | 29.63 | - .07 | 51 | 50 | 0 | WNW | 4 | 0 | 2 | 54 | 47 | 0.03 | | |
| †Stornoway | 29.78 | 54 | NW | 4 | 0 | 29.74 | - .07 | 49 | 47 | - 3 | N | 3 | 0 | 2 | 55 | 44 | - | | |
| Wick | 29.74 | 53 | N | 1 | 0 | 29.71 | - .06 | 54 | 50 | + 3 | NW | 1 | 0 | 1 | 57 | 46 | - | | |
| Nairn | 29.75 | 55 | WNW | 1 | 0 | 29.73 | - .07 | 50 | 49 | 0 | Z | 0 | 0 | 0 | 60 | 47 | 0.38 | | |
| †Aberdeen | 29.73 | 58 | NNE | 3 | 0 | 29.72 | - .02 | 56 | 50 | + 2 | SSW | 1 | 0 | 1 | 60 | 48 | - | | |
| Leith | 29.73 | 57 | SE | 1 | 0 | 29.72 | - .04 | 57 | 53 | + 7 | WNW | 1 | 0 | 0 | 57 | 45 | 0.01 | | |
| †Shields | 29.73 | 57 | SE | 1 | 0 | 29.73 | + .02 | 56 | 52 | + 3 | WNW | 2 | 0 | 2 | 58 | 45 | 0.02 | | |
| Spurn Head | 29.74 | 56 | N | 4 | 0 | 29.77 | + .04 | 61 | 59 | + 7 | ESE | 2 | 0 | 2 | 61 | 50 | 0.01 | | |
| York | 29.75 | 59 | NW | 2 | 0 | 29.77 | - .02 | 64 | 51 | - 1 | W | 1 | 0 | 0 | 62 | 41 | 0.03 | | |
| Loughborough | 29.75 | 62 | NW | 4 | 0 | 29.77 | - .02 | 56 | 51 | + 4 | ESE | 2 | 0 | 0 | 66 | 42 | - | | |
| †Ardrossan | 29.75 | 59 | WNW | 2 | 0 | 29.73 | - .05 | 54 | 51 | + 1 | Z | 0 | 0 | 0 | 62 | 43 | - | | |
| †Mullaghmore | 29.82 | 58 | N | 4 | 0 | 29.76 | - .11 | 54 | 49 | - 4 | ESE | 2 | 0 | 2 | 61 | 51 | - | | |
| Donaghadee | 29.80 | 57 | NE | 5 | 0 | 29.76 | - .07 | 56 | 51 | + 2 | NE | 2 | 0 | 0 | 60 | 43 | - | | |
| Parsonstown | 29.81 | 61 | NNE | 1 | 0 | 29.70 | - .15 | 54 | 51 | - 2 | E | 1 | 0 | 0 | 63 | 45 | - | | |
| Barrow-in-Furness | 29.76 | 57 | N | 2 | 0 | 29.75 | - .02 | 55 | 53 | + 1 | NE | 2 | 0 | 2 | 61 | 52 | - | | |
| †Holyhead | 29.80 | 55 | WNW | 3 | 0 | 29.76 | - .06 | 56 | 52 | + 2 | NNE | 2 | 0 | 3 | 58 | 54 | 0.05 | | |
| Liverpool (Bidston) | 29.77 | 59 | WNW | 2 | 0 | 29.75 | - .04 | 55 | 53 | 0 | W | 1 | 0 | 2 | 59 | 51 | 0.05 | | |
| †Valencia | 29.79 | 57 | H | 1 | 0 | 29.78 | - .05 | 56 | 54 | - 1 | WNW | 3 | 0 | 3 | 61 | 53 | 0.09 | | |
| Roche's Point | 29.81 | 57 | SSE | 2 | 0 | 29.75 | - .09 | 54 | 52 | - 3 | N | 2 | 0 | 3 | 61 | 49 | 0.21 | | |
| Pembroke | 29.80 | 56 | WNW | 2 | 0 | 29.72 | - .09 | 53 | 53 | - 2 | N | 1 | 0 | 0 | 61 | 50 | 0.14 | | |
| †Scilly | 29.80 | 59 | W | 2 | 0 | 29.67 | - .17 | 57 | 56 | - 10 | SSW | 4 | 0 | 4 | 60 | 55 | 0.53 | | |
| Prawle Point | 29.79 | 58 | WSW | 3 | 0 | 29.74 | - .10 | 53 | 53 | - 1 | NNE | 2 | 0 | 2 | 59 | 52 | 0.13 | | |
| Hurst Castle | 29.78 | 60 | SW | 3 | 0 | 29.75 | - .08 | 58 | 56 | + 2 | SSE | 3 | 0 | 2 | 61 | 53 | 0.07 | | |
| †Dover | 29.75 | 60 | WSW | 2 | 0 | 29.76 | - .02 | 64 | 51 | + 6 | NNE | 1 | 0 | 1 | 66 | 53 | 0.02 | | |
| †London | 29.77 | 62 | NW | 1 | 0 | 29.77 | - .03 | 60 | 56 | + 2 | SE | 1 | 0 | 0 | 60 | 49 | 0.01 | | |
| Oxford | 29.77 | 56 | NW | 1 | 0 | 29.75 | - .05 | 57 | 54 | + 1 | E | 1 | 0 | 0 | 62 | 49 | - | | |
| Cambridge | 29.74 | 56 | WNW | 1 | 0 | 29.77 | - .01 | 56 | 53 | 0 | ENE | 1 | 0 | 0 | 65 | 43 | 0.00 | | |
| †Yarmouth | 29.73 | 58 | WNW | 2 | 0 | 29.79 | + .04 | 56 | 53 | + 2 | Z | 0 | 0 | 3 | 61 | 45 | 0.00 | | |
| The Helder | 29.70 | 56 | WNW | 3 | 0 | 29.76 | + .02 | 57 | 52 | - 1 | WNW | 1 | 0 | 1 | 61 | 51 | 0.16 | | |
| Cape Gris Nez | 29.77 | 58 | W | 5 | 0 | 29.77 | - .02 | 59 | 58 | + 1 | Z | 0 | 0 | 0 | 66 | 54 | - | | |
| †Jersey | 29.82 | 59 | W | 3 | 0 | 29.75 | - .11 | 58 | 57 | + 1 | W | 2 | 0 | 3 | 62 | 55 | 0.01 | | |
| Brest | 29.76 | 61 | WNW | 3 | 0 | 29.79 | - .17 | 57 | 56 | + 2 | SW | 3 | 0 | 3 | 61 | 54 | - | | |
| Lorient | 29.89 | 60 | SW | 3 | 0 | 29.81 | - .16 | 58 | 57 | + 2 | E | 1 | 0 | 1 | 68 | 54 | - | | |
| †Rocheport | 29.86 | 65 | NW | 4 | 0 | 29.79 | - .18 | 64 | 63 | + 2 | ENE | 3 | 0 | 2 | 72 | 57 | 0.00 | | |
| Biarritz | 29.79 | 68 | N | 4 | 0 | 29.80 | - .10 | 64 | 59 | + 6 | NW | 3 | 0 | 2 | 82 | 54 | - | | |
| Corunna | 29.79 | 68 | N | 4 | 0 | 29.80 | - .10 | 64 | 59 | + 6 | NW | 3 | 0 | 2 | 82 | 54 | - | | |
| Brussels | 29.79 | 68 | N | 4 | 0 | 29.79 | - .01 | 57 | 53 | - 1 | SW | 1 | 0 | 0 | 64 | 53 | 0.01 | | |
| Charleville | 29.79 | 68 | N | 4 | 0 | 29.79 | - .01 | 57 | 53 | - 1 | SW | 1 | 0 | 0 | 64 | 53 | 0.01 | | |
| Paris | 29.84 | 65 | NW | 3 | 0 | 29.80 | - .06 | 61 | 59 | + 2 | NW | 4 | 0 | 0 | 72 | 57 | 0.01 | | |
| Lyons | 29.82 | 61 | E | 1 | 0 | 29.81 | - .13 | 59 | 58 | - 1 | N | 1 | 0 | 0 | 72 | 57 | 0.01 | | |
| Toulon | 30.02 | 68 | SW | 3 | 0 | 29.97 | - .06 | 64 | 64 | + 1 | W | 4 | 0 | 2 | 73 | 59 | 0.01 | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.54 | 52 | N | 2 | 0 | 28.52 | - .00 | 53 | 50 | + 5 | SW | 2 | 0 | 0 | 54 | 43 | 0.01 | | |

HIGH LEVEL STATION.

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

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | |
|----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|---|
| Skudesnaes ... | 29.46 | 61 | 57 | WNW | 6 | 0 | 3 | Valencia ... | 29.82 | 59 | 58 | NW | 1 |
| Sumburgh Head | 29.69 | 51 | 49 | NNW | 4 | 0 | 3 | Scilly ... | 29.83 | 57 | 56 | W | 2 |
| Stornoway ... | 29.81 | 53 | 50 | NNW | 3 | 0 | 2 | Dover .. | 29.76 | 63 | 57 | SW | 3 |
| Aberdeen ... | 29.75 | 59 | 54 | N | 3 | 0 | 2 | London | 29.77 | 63 | 55 | WNW | 2 |
| Shields ... | 29.75 | 57 | 53 | N | 3 | 0 | 2 | Yarmouth ... | 29.73 | 60 | 54 | WNW | 3 |
| Ardrossan ... | 29.78 | 62 | 58 | WNW | 1 | 0 | 1 | Jersey ... | 29.84 | 61 | 59 | W | 3 |
| Mullaghmore | 29.85 | 60 | 55 | NW | 4 | 0 | 2 | Rocheport ... | 29.93 | 69 | 67 | NNW | 3 |
| Holyhead ... | 29.82 | 56 | 52 | N | 3 | 0 | 3 | | | | | | |

The barometer is rising a little in the NE, but continues to fall elsewhere and shallow depressions are appearing in the SW and SE districts. The winds and weather show no important change.

EXPLANATION OF COLUMNS.

WEATHER.—Bar. at Sea is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. mist; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and
 and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SATURDAY, 21ST JULY.

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE


116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are {
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ROBERT H. SCOTT
(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Saturday, 21st JULY.

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each inch of an inch.

Changes in height of barometer 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 6 to 7; — force 4 to 5

○ — dead calm.

Sea Disturbance, where considerable is shown

by shading round the coast,

thus — Rough; — High

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 28.857 |
| Sarnoway | 29.190 |
| Wick | 29.813 |
| Nairn | 29.874 |
| Aberdeen | 29.829 |
| Leith | 29.868 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrossan | 29.864 |
| Donaghadee | 29.878 |
| Bolyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roches Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.986 |
| Borst Castle | 29.961 |
| Dover | 29.950 |
| LONDON | 29.955 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Bournemouth | 29.939 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°

Changes in temperature since previous morning

are stated in words.

Weather. Letters of the Beaufort Scale show state

of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in

which rain has fallen from those where there has

been none.

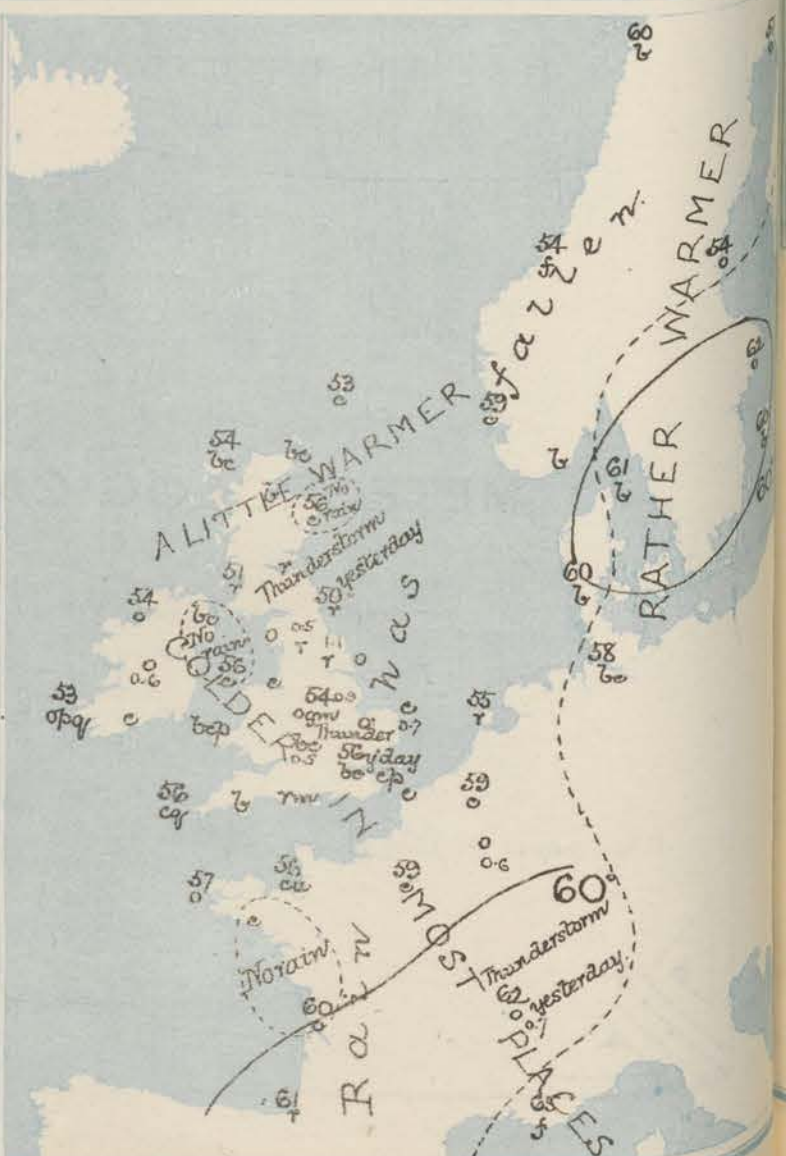
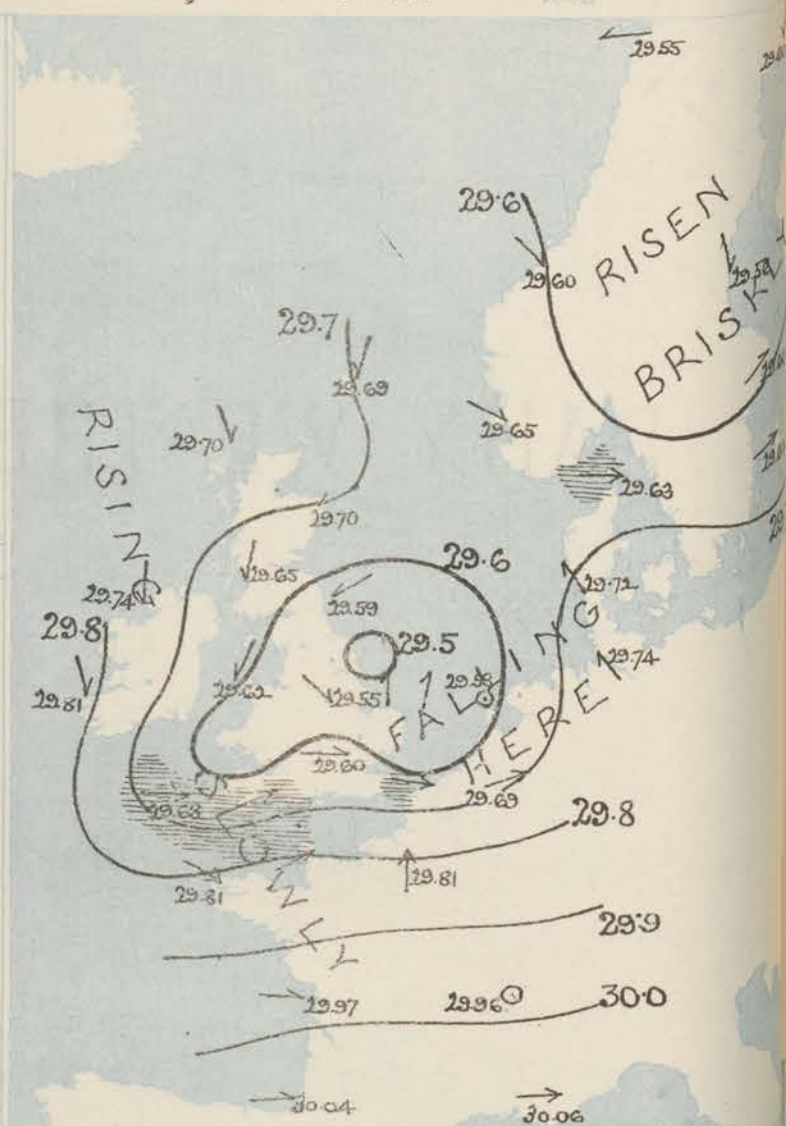
Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL

for the month of July.

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Sarnoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.56 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shields | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 59.8 | 2.42 |
| Donaghadee | 57.7 | 2.56 |
| Bolyhead | 58.3 | 2.19 |
| Liverpool | 59.2 | 3.01 |
| Valencia | 59.6 | 3.50 |
| Roches Point | 59.1 | 3.07 |
| Pembroke | 58.6 | 2.12 |
| Sally | 60.3 | 1.96 |
| Borst Castle | 57.2 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.6 | 2.36 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Bournemouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1865 to 1880.



REMARKS

for Saturday 21st July 1883 at 8 a.m.

The pressure changes of the past 24 hours have resulted in the formation over England of a large & complex area of low readings. In the immediate neighbourhood of this system the barometer is still falling, but at one extreme N. & N.E., as well as at most of the Continental stations, a recovery has set in. The highest barometric pressures are still found over the South of France. The wind shows a complete circulation round the lowest pressure, being fresh or strong from N. at our Southern and the French stations, moderate from S. in the East of England, light N.E. in Scotland, and moderate N. in Ireland. The weather is fine in Denmark & the N. of Scotland, cloudy or overcast elsewhere, with rain in the N. of England, & passing showers on our Islands. In the course of yesterday rain fell generally - the largest amounts reported being 1.6 in. at York, 0.9 in. at Loughboro' & 0.7 in. at Yarmouth. A thunderstorm occurred at Leith yesterday & thunder was heard at Shields & in London. Temperature ranges from 59° at Roches Pt. & Dover to 50° at Shields. The minima registered yesterday were again very low for the time of year. The sea is rough in the Channel, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

22nd July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|--|
| 1 SCOTLAND NORTH | NE ^{ly} and E ^{ly} winds, moderate; changeable, some showers |
| 2 SCOTLAND EAST | -----D-----D-----D----- |
| 3 ENGLAND N.E. | Variable breezes, unsettled; rain at times |
| 4 ENGLAND EAST | SW ^{ly} winds, moderate; showery |
| 5 MIDLAND COUNTIES | Same as N. 2 |
| 6 ENGLAND SOUTH | N ^{ly} winds, moderate or fresh; showery |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | NE ^{ly} and N ^{ly} winds, moderate; changeable, some showers |
| 7 ENGLAND N.W. | -----D-----D-----D----- |
| 8 ENGLAND S.W. | N ^{ly} to NE ^{ly} winds, fresh; showery |
| 9 IRELAND NORTH | N ^{ly} to NE ^{ly} winds, moderate; changeable, some showers |
| 10 IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

None Issued

METEOROLOGICAL OBSERVATIONS FOR

21st JULY

1883

| † 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 9). | SHADE TEMP. | | Average of 24 hours. | | | | | |
| | | | 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 | 29.46 | 50 | NE | 4 | 0 | 29.60 | + 24 | 51 | 47 | + 5 | NE | 4 | 0 | * | 54 | 46 | 0.07 | | | | | |
| Hernösand | 29.43 | 52 | 2 | 0 | 0 | 29.56 | + 23 | 54 | 51 | 0 | N | 2 | 0 | * | 57 | 50 | 0.16 | | | | | |
| Stockholm | 29.46 | 56 | WSW | 2 | 0 | 29.60 | + 23 | 62 | 58 | + 5 | WSW | 2 | 0 | * | 66 | 54 | 0.22 | | | | | |
| Wisby | 29.51 | 59 | WSW | 6 | 1 | 29.64 | + 21 | 60 | 56 | 0 | W | 6 | 6 | * | 66 | 57 | - | | | | | |
| Bodö | 29.44 | 60 | N | 2 | 6 | 29.55 | + 11 | 60 | 52 | - 1 | E | 2 | 6 | 1 | 68 | 54 | - | | | | | |
| Christiansund | 29.52 | 55 | WNW | 1 | f | 29.60 | + 15 | 54 | 52 | - 1 | NW | 1 | f | 1 | 57 | 50 | - | | | | | |
| †Skudesnaes | 29.60 | 56 | WNW | 4 | 1 | 29.68 | + 17 | 59 | 54 | + 1 | WNW | 2 | c | 3 | 59 | 55 | 0.00 | | | | | |
| Oslo (Christiansund) | 29.50 | 64 | W | 4 | 6 | 29.62 | + 19 | 69 | 55 | + 4 | W | 4 | 6 | 2 | 64 | 54 | 0.00 | | | | | |
| Skagen (The Skaw) | 29.53 | 60 | WSW | 5 | c | 29.63 | + 18 | 61 | 55 | + 2 | W | 5 | 6 | 5 | 66 | 57 | 0.03 | | | | | |
| Faro | 29.73 | 55 | W | 4 | 6c | 29.72 | + 19 | 60 | 55 | + 6 | SE | 4 | 6 | * | 63 | 48 | 0.03 | | | | | |
| Cuxhaven | 29.79 | 59 | W | 2 | 6 | 29.74 | + 07 | 58 | 57 | - 2 | SE | 3 | 6c | * | 61 | 49 | 0.03 | | | | | |
| †Sumburgh Head | 29.66 | 52 | NNW | 3 | c | 29.69 | + 06 | 53 | 51 | + 2 | NNW | 2 | c | 2 | 54 | 49 | 0.03 | | | | | |
| †Stornoway | 29.74 | 51 | NNE | 2 | 1 | 29.76 | + 02 | 54 | 50 | + 5 | NNW | 3 | 6c | 2 | 54 | 45 | 0.01 | | | | | |
| Wick | 29.73 | 55 | NE | 1 | 6c | 29.72 | + 01 | 56 | 51 | + 2 | NNE | 1 | 6c | 0 | 59 | 38 | 0.02 | | | | | |
| Nairn | 29.71 | 53 | ESE | 1 | c | 29.72 | - 01 | 55 | 51 | + 3 | ESE | 3 | 6 | 2 | 60 | 39 | 0.03 | | | | | |
| †Aberdeen | 29.72 | 55 | E | 2 | c | 29.70 | - 02 | 56 | 51 | 0 | ESE | 2 | c | 1 | 60 | 49 | - | | | | | |
| Leith | 29.66 | 55 | SE | 1 | 1 | 29.65 | - 07 | 52 | 51 | - 3 | E | 2 | 1 | * | 60 | 48 | 0.03 | | | | | |
| †Shields | 29.68 | 56 | ESE | 2 | 0 | 29.59 | - 14 | 50 | 49 | - 6 | ESE | 4 | 1 | 4 | 59 | 49 | 0.04 | | | | | |
| Spurn Head | 29.71 | 56 | ESE | 5 | 0 | 29.47 | - 30 | 55 | 55 | - 6 | S | 4 | 0 | 4 | 51 | 51 | 0.00 | | | | | |
| York | 29.70 | 56 | S | 2 | 1 | 29.52 | - 25 | 51 | 50 | - 3 | N | 2 | 1 | * | 66 | 48 | 0.08 | | | | | |
| Loughborough | 29.68 | 55 | 2 | 0 | 1 | 29.55 | - 22 | 52 | 51 | - 4 | WNW | 2 | orig | * | 64 | 51 | 0.04 | | | | | |
| †Ardrossan | 29.68 | 56 | WNW | 2 | 0 | 29.65 | - 08 | 61 | 50 | - 3 | NNW | 1 | 1 | 1 | 60 | 48 | 0.01 | | | | | |
| †Mullaghmore | 29.69 | 57 | 2 | 0 | 0 | 29.74 | - 02 | 52 | 51 | 0 | N | 4 | 0 | 3 | 58 | 50 | 0.01 | | | | | |
| Donaghadee | 29.72 | 54 | NE | 2 | 0 | 29.65 | - 11 | 55 | 52 | - 1 | NE | 4 | 6c | 2 | 60 | 48 | - | | | | | |
| Parsonstown | 29.72 | 53 | NW | 1 | 1 | 29.72 | - 04 | 51 | 49 | - 3 | NW | 1 | 0 | * | 57 | 49 | 0.06 | | | | | |
| Barrow-in-Farness | 29.68 | 53 | NE | 2 | 1 | 29.58 | - 17 | 51 | 50 | - 4 | N | 2 | 0 | 2 | 61 | 50 | 0.00 | | | | | |
| †Holyhead | 29.71 | 56 | ESE | 2 | c | 29.62 | - 14 | 56 | 51 | 0 | NE | 4 | c | 3 | 59 | 55 | 0.00 | | | | | |
| Liverpool (Bidston) | 29.69 | 52 | N | 1 | 1 | 29.58 | - 17 | 53 | 51 | - 2 | N | 2 | c | 1 | 59 | 50 | 0.01 | | | | | |
| †Valencia | 29.75 | 58 | WSW | 4 | c | 29.81 | + 03 | 53 | 52 | - 3 | NNW | 4 | orig | 4 | 61 | 50 | 0.10 | | | | | |
| Roche's Point | 29.71 | 58 | N | 2 | c | 29.68 | - 09 | 59 | 56 | + 5 | N | 5 | c | 4 | 61 | 49 | 0.09 | | | | | |
| Pembroke | 29.66 | 54 | N | 2 | 6c | 29.59 | - 13 | 53 | 52 | 0 | SW | 1 | bip | 1 | 55 | 54 | 0.04 | | | | | |
| †Scilly | 29.71 | 57 | NW | 6 | c | 29.68 | + 01 | 56 | 53 | - 1 | W | 7 | eq | 6 | 60 | 53 | 0.11 | | | | | |
| Prawle Point | 29.65 | 55 | SW | 3 | 0 | 29.66 | - 08 | 55 | 52 | + 2 | WSW | 5 | 6 | 5 | 57 | 49 | 0.06 | | | | | |
| Hurst Castle | 29.68 | 58 | WSW | 4 | c | 29.64 | - 11 | 55 | 54 | - 3 | W | 5 | nm | 3 | 60 | 53 | 0.06 | | | | | |
| †Dover | 29.69 | 61 | ESE | 2 | c | 29.58 | - 18 | 59 | 57 | - 5 | WSW | 4 | eq | 3 | 65 | 55 | 0.12 | | | | | |
| †London | 29.69 | 59 | S | 2 | 1 | 29.60 | - 17 | 56 | 53 | - 4 | W | 3 | 6c | * | 64 | 52 | 0.16 | | | | | |
| †Oxford | 29.69 | 56 | SW | 1 | 1 | 29.60 | - 15 | 54 | 51 | - 3 | WSW | 2 | 6c | * | 61 | 51 | 0.08 | | | | | |
| Cambridge | 29.67 | 56 | ESE | 1 | 1 | 29.54 | - 23 | 56 | 54 | 0 | SW | 1 | 0 | * | 66 | 52 | 0.06 | | | | | |
| †Yarmouth | 29.73 | 58 | ESE | 1 | od | 29.55 | - 24 | 58 | 54 | + 2 | WSW | 3 | c | 4 | 60 | 54 | 0.06 | | | | | |
| The Helder | 29.76 | 59 | ESE | 1 | 0 | 29.58 | - 18 | 55 | 54 | - 2 | E | 1 | 1 | 1 | 64 | 55 | - | | | | | |
| Cape Gris Nez | 29.67 | 63 | W | 1 | 0 | 29.62 | - 15 | 58 | 56 | - 1 | W | 4 | 0 | 5 | 70 | 55 | 0.06 | | | | | |
| †Jersey | 29.71 | 59 | WSW | 2 | 0 | 29.74 | - 01 | 56 | 55 | - 2 | WSW | 6 | cu | 5 | 61 | 54 | 0.12 | | | | | |
| Brest | 29.78 | 58 | NNW | 5 | 0 | 29.81 | + 02 | 57 | 56 | 0 | NNW | 5 | 0 | 4 | 59 | 58 | - | | | | | |
| Lorient | 29.80 | 60 | WNW | 5 | 6c | 29.92 | + 11 | 57 | 55 | - 1 | W | 7 | c | 3 | 64 | 54 | - | | | | | |
| †Rochefort | 29.81 | 61 | NW | 7 | 0 | 29.97 | + 18 | 60 | 59 | - 4 | W | 4 | 0 | 2 | 73 | 55 | 0.16 | | | | | |
| Biarritz | 29.89 | 64 | W | 4 | 1 | 30.04 | + 24 | 61 | 60 | - 3 | W | 5 | 1 | 2 | 72 | 59 | * | | | | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.01 | | | | | |
| Brussels | * | * | * | * | * | 29.69 | - 10 | 59 | 57 | + 2 | WSW | 5 | c | * | 74 | 58 | 0.05 | | | | | |
| Charleville | 29.82 | 63 | SE | 3 | c | 29.75 | - 1 | 58 | 54 | - 4 | SW | 5 | 0 | * | 69 | 58 | 0.12 | | | | | |
| Paris | 29.71 | 64 | SSW | 4 | 0 | 29.81 | + 01 | 59 | 55 | - 2 | S | 5 | c | * | * | * | 0.07 | | | | | |
| Lyons | 29.76 | 62 | S | 1 | 1 | 29.96 | + 18 | 62 | 58 | + 3 | ESE | 1 | 0 | * | 75 | 57 | - | | | | | |
| Toulon | 30.04 | 65 | SE | 5 | m | 30.06 | + 09 | 65 | 62 | + 1 | W | 5 | f | 3 | 72 | 55 | - | | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.48 | 48 | SSW | 1 | 1 | 28.55 | - 17 | 48 | 46 | - 7 | N | 2 | 1 | * | 55 | 45 | 0.00 | | | | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | |
|-----------------|--------|------|------|-------|------|------|---|---------------|--------|------|-------|------|------|----|
| Skudeenaes ... | 29. 54 | 59 | 56 | WNW | 4 | 0 | 3 | Valencia ... | 29. 80 | 59 | 57 | WNW | 3 | 2 |
| Sumburgh Head | 29. 66 | 54 | 51 | NNW | 4 | 0 | 3 | Scilly ... | 29. 65 | 58 | 56 | NNW | 5 | 1 |
| Stornoway ... | 29. 74 | 52 | 49 | ESE | 3 | 0 | 2 | Dover .. | 29. 74 | 63 | 60 | NE | 2 | 6c |
| Aberdeen ... | 29. 73 | 56 | 51 | ESE | 3 | 0 | 2 | London ... | 29. 72 | 63 | 57 | ESE | 1 | od |
| Shields ... | 29. 70 | 58 | 56 | ESE | 2 | 0 | 2 | Yarmouth ... | 29. 78 | 60 | 54 | SE | 3 | 6v |
| Ardrossan ... | 29. 71 | 58 | 54 | WSW | 1 | c | 1 | Jersey ... | 29. 73 | 61 | 58 | SSW | 1 | 0 |
| Mullaghmore ... | 29. 74 | 57 | 52 | NW | 1 | 2g | 1 | Rochefort ... | 29. 81 | 69 | 68 | WNW | 4 | 0 |
| Holyhead .. | 29. 73 | 55 | 51 | NE | 3 | 0 | 3 | | | | | | | |

The depression in the Str. is moving slowly Eth and the barometer is rising a little at Valencia and Rochefort, while the wind shifted to NW at all our Str. stations. Elsewhere the changes are slight and unimportant.

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. mist; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

SUNDAY 22ND JULY,

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

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S. W.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

SUNDAY 22nd JULY

1883

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each inch of an inch.

Changes in height of barometer 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 4;

○ — dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast, thus — Rough, — High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings. |
|---------------|----------------|
| Sumburgh Head | 29.827 |
| Sornoway | 29.790 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrossan | 29.884 |
| Donaghadee | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roches Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.946 |
| Harst Castle | 29.941 |
| Dover | 29.959 |
| LONDON | 29.966 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Yarmouth | 29.934 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of weather at 8 a.m.

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.

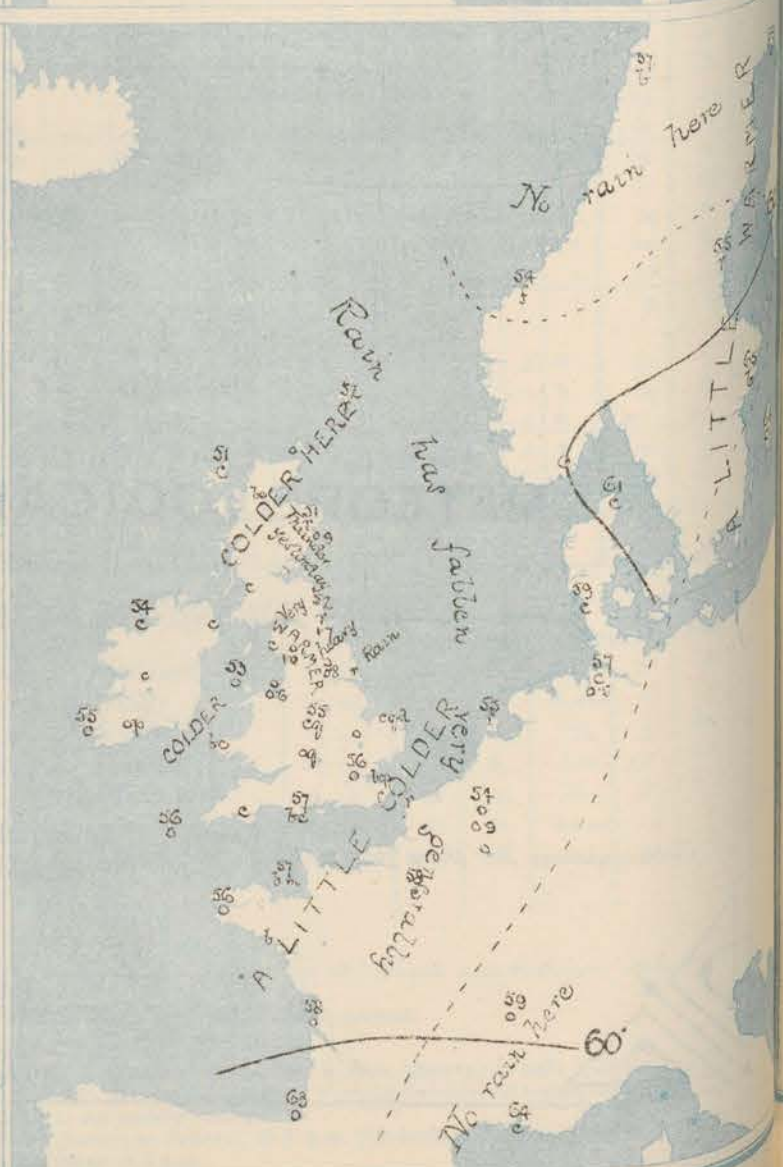
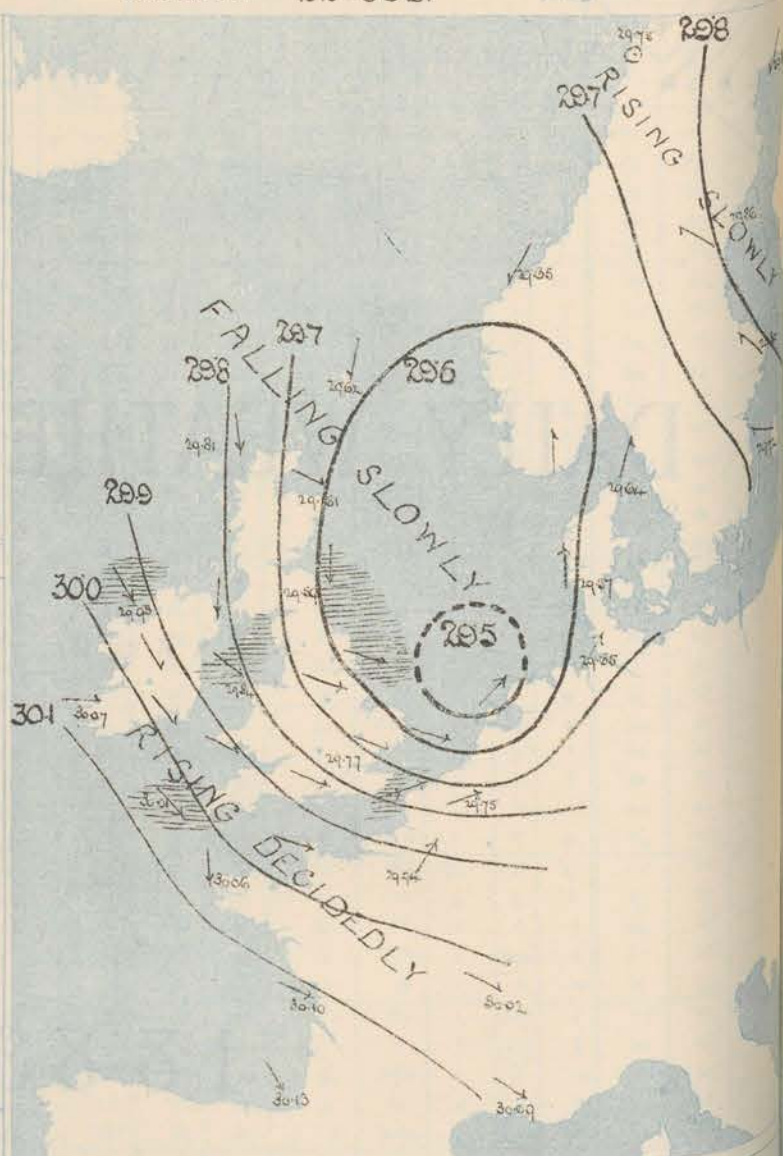
MEANS* OF TEMPERATURE AT 8 A.M.

AND RAINFALL

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Sornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.55 |
| Aberdeen | 57.0 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shields | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 59.8 | 2.82 |
| Donaghadee | 58.7 | 2.66 |
| Holyhead | 58.3 | 2.79 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roches Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Harst Castle | 61.7 | 2.31 |
| Dover | 63.8 | 1.92 |
| LONDON | 62.5 | 2.31 |
| Oxford | 60.4 | 2.80 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are from the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for Sunday 22nd July. 1883 at 8 a.m.

The area of low pressure noticed over England yesterday has now reached the North Sea, and the barometer is rising at all but our northern and ^{the} Danish stations, where it is falling a little. In Scandinavia and Denmark the wind is S^W but in our Islands and France it is generally N^W^{ly}, and on the more exposed parts of our coast it blows freshly or strongly. Steady rain is still falling along the east coasts of Great Britain, and cloudy skies are reported in all other localities with showers at a few stations. Very heavy rain fell in the north yesterday, the largest amounts reported being 1.7 in. at Shields, 0.9 in. at Aberdeen, and 0.8 in. at York, and thunderstorms were experienced in many places. Temperature ranges from 67° at Hurst Castle to 51° at Aberdeen. The maxima registered yesterday were exceedingly low for the time of year, especially in the N. of England, at Shields the thermometer did not exceed 52° and at York 53° was the highest point reached. The sea is rough on all the more exposed parts of our coast.

FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

NONE
ISSUED

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

WARNINGS

FORECASTS

NONE
ISSUED

METEOROLOGICAL OBSERVATIONS FOR 22ND JULY 1883

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dirac. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.73 | 55 | NE | 2 | 0 | 29.64 | + .24 | 59 | 57 | + 8 | NE | 2 | 0 | * | 59 | 45 | — | | |
| Hernösand | 29.76 | 52 | Z | 0 | 0 | 29.66 | + .30 | 55 | 54 | + 1 | SE | 2 | 0 | * | 59 | 50 | 0.43 | | |
| Stockholm | 29.76 | 59 | S | 2 | 0 | 29.80 | + .20 | 65 | 60 | + 5 | NE | 2 | 0 | * | 73 | 55 | 0.04 | | |
| Wisby | 29.75 | 57 | S | 4 | 0 | 29.72 | + .03 | 64 | 59 | + 5 | ESE | 4 | 0 | * | 70 | 55 | — | | |
| Bodö | 29.67 | 59 | Z | 0 | 0 | 29.45 | + .22 | 57 | 55 | + 2 | Z | 0 | 0 | * | 63 | 50 | — | | |
| Christiansund | 29.72 | 55 | N | 2 | 0 | 29.65 | + .05 | 64 | 52 | + 12 | NE | 3 | 0 | * | 57 | 48 | — | | |
| †Skudesnaes | | | | | | | | | | | | | | | | | | | |
| Oxö (Kianaut) | 29.65 | 59 | SW | 1 | 0 | 29.56 | + .09 | 60 | 58 | + 2 | S | 4 | 0 | 4 | 63 | 54 | 0.06 | | |
| Skagen (The Skaw) | 29.67 | 60 | ESE | 3 | 0 | 29.64 | + .03 | 61 | 57 | + 4 | SSH | 4 | 0 | 4 | 63 | 57 | 0.08 | | |
| Fanö | 29.55 | 57 | SW | 2 | 0 | 29.57 | + .02 | 59 | 56 | + 3 | S | 6 | 0 | * | 62 | 50 | 0.20 | | |
| Cuxhaven | 29.61 | 56 | WSW | 2 | 0 | 29.65 | + .04 | 57 | 56 | + 1 | SW | 5 | 0 | * | 61 | 50 | 0.54 | | |
| †Sumburgh Head | 29.72 | 54 | NNE | 4 | 0 | 29.62 | + .10 | 52 | 50 | + 2 | NNE | 4 | 0 | 3 | 59 | 48 | 0.02 | | |
| †Stornoway | 29.82 | 54 | N | 5 | 0 | 29.81 | + .01 | 51 | 47 | + 4 | NNH | 5 | 0 | 4 | 57 | 46 | 0.06 | | |
| Wick | 29.74 | 54 | NE | 2 | 0 | 29.67 | + .07 | 52 | 50 | + 2 | N | 5 | 0 | 3 | 60 | 50 | 0.05 | | |
| Nairn | 29.75 | 54 | NNH | 3 | 0 | 29.74 | + .01 | 53 | 51 | + 2 | NNH | 5 | 0 | 4 | 59 | 52 | 0.12 | | |
| †Aberdeen | 29.67 | 55 | N | 2 | 0 | 29.61 | + .06 | 57 | 55 | + 2 | NH | 4 | 0 | 3 | 61 | 53 | 0.87 | | |
| Leith | 29.67 | 55 | E | 2 | 0 | 29.66 | + .01 | 54 | 50 | + 4 | N | 2 | 0 | * | 58 | 50 | 0.15 | | |
| †Shields | 29.54 | 50 | NE | 8 | 0 | 29.59 | + .05 | 52 | 51 | + 1 | N | 7 | 0 | 6 | 62 | 48 | 1.65 | | |
| Spurn Head | 29.43 | 55 | WSW | 5 | 0 | 29.56 | + .09 | 54 | 54 | + 0 | NNH | 6 | 0 | 6 | 59 | 49 | 0.11 | | |
| York | ? | 52 | NNH | 3 | 0 | 29.61 | + .09 | 55 | 57 | + 2 | NH | 4 | 0 | * | 55 | 47 | 0.80 | | |
| Loughborough | 29.56 | 51 | WNW | 5 | 0 | 29.69 | + .13 | 55 | 53 | + 2 | NNH | 5 | 0 | 4 | 57 | 47 | 0.34 | | |
| †Ardrossan | 29.69 | 57 | WNW | 3 | 0 | 29.75 | + .06 | 56 | 55 | + 1 | NNH | 3 | 0 | 2 | 58 | 50 | 0.20 | | |
| †Mullaghmore | 29.85 | 56 | N | 5 | 0 | 29.93 | + .08 | 54 | 48 | + 6 | NH | 5 | 0 | 5 | 58 | 51 | 0.09 | | |
| Dolaghadee | 29.75 | 54 | N | 4 | 0 | 29.82 | + .07 | 54 | 51 | + 3 | N | 5 | 0 | 3 | 59 | 51 | 0.02 | | |
| Parsonstown | 29.85 | 54 | NH | 2 | 0 | 29.97 | + .12 | 52 | 49 | + 3 | NH | 1 | 0 | * | 61 | 48 | 0.05 | | |
| Barrow-in-Furness | 29.60 | 56 | N | 3 | 0 | 29.72 | + .12 | 54 | 52 | + 2 | NH | 5 | 0 | 5 | 56 | 47 | 0.18 | | |
| †Holyhead | 29.70 | 58 | N | 6 | 0 | 29.84 | + .14 | 53 | 49 | + 4 | NH | 6 | 0 | 5 | 58 | 52 | — | | |
| Liverpool (Bidston) | 29.61 | 51 | NNH | 4 | 0 | 29.78 | + .17 | 54 | 53 | + 1 | NNH | 5 | 0 | 4 | 57 | 49 | 0.87 | | |
| †Valencia | 29.99 | 57 | NH | 5 | 0 | 30.07 | + .08 | 55 | 53 | + 2 | H | 3 | 0 | 2 | 60 | 51 | 0.02 | | |
| Roche's Point | 29.90 | 56 | NNH | 5 | 0 | 30.01 | + .11 | 55 | 53 | + 2 | NH | 4 | 0 | 4 | 62 | 50 | 0.15 | | |
| Pembroke | 29.75 | 55 | WNW | 3 | 0 | 29.92 | + .17 | 52 | 52 | + 0 | WNW | 4 | 0 | 3 | 57 | 51 | 0.04 | | |
| †Scilly | 29.86 | 57 | NNH | 6 | 0 | 30.01 | + .15 | 56 | 54 | + 2 | NH | 6 | 0 | 6 | 58 | 53 | 0.12 | | |
| Prawle Point | 29.78 | 57 | NH | 6 | 0 | 29.93 | + .15 | 55 | 53 | + 2 | WNW | 3 | 0 | 4 | 61 | 49 | 0.06 | | |
| Hurst Castle | 29.66 | 61 | NNH | 6 | 0 | 29.83 | + .17 | 57 | 53 | + 4 | NNH | 5 | 0 | 4 | 62 | 51 | 0.22 | | |
| †Dover | 29.60 | 58 | WSW | 5 | 0 | 29.74 | + .14 | 55 | 51 | + 4 | H | 4 | 0 | 3 | 62 | 51 | 0.68 | | |
| †London | 29.62 | 59 | H | 3 | 0 | 29.77 | + .15 | 56 | 54 | + 2 | NNH | 3 | 0 | 3 | 62 | 50 | 0.15 | | |
| Oxford | 29.65 | 52 | NH | 3 | 0 | 29.77 | + .12 | 54 | 51 | + 3 | H | 3 | 0 | 3 | 60 | 49 | 0.07 | | |
| Cambridge | 29.56 | 54 | SW | 2 | 0 | 29.69 | + .13 | 56 | 54 | + 2 | NNH | 2 | 0 | * | 61 | 47 | 0.35 | | |
| †Yarmouth | 29.53 | 57 | WSW | 3 | 0 | 29.89 | + .36 | 55 | 51 | + 4 | NNH | 5 | 0 | 3 | 61 | 48 | 0.12 | | |
| The Helder | 29.57 | 59 | SW | 5 | 0 | 29.77 | + .10 | 55 | 52 | + 3 | SW | 5 | 0 | 3 | 64 | 55 | 0.28 | | |
| Cape Gris Nez | 29.65 | 58 | WSW | 9 | 0 | 29.76 | + .11 | 55 | 54 | + 1 | WSW | 9 | 0 | 6 | 63 | 52 | 0.04 | | |
| †Jersey | 29.79 | 57 | H | 6 | 0 | 29.95 | + .16 | 57 | 54 | + 3 | NNH | 5 | 0 | 4 | 62 | 53 | 0.02 | | |
| Brest | 29.92 | 57 | NNH | 5 | 0 | 30.06 | + .14 | 56 | 53 | + 3 | NNH | 5 | 0 | 4 | 61 | 52 | 0.24 | | |
| Lorient | 29.97 | 59 | NNH | 8 | 0 | 30.08 | + .11 | 55 | 53 | + 2 | NH | 5 | 0 | 4 | 63 | 52 | 0.08 | | |
| †Rochefort | 30.05 | 64 | NNH | 8 | 0 | 30.10 | + .05 | 53 | 50 | + 3 | NNH | 7 | 0 | 2 | 72 | 52 | 0.20 | | |
| Biarritz | 30.06 | 69 | NH | 4 | 0 | 30.18 | + .12 | 53 | 53 | + 0 | NNH | 3 | 0 | 2 | 72 | 59 | 0.20 | | |
| Coranna | * | * | * | * | * | | | * | * | | * | * | * | * | * | * | * | | |
| Brussels | * | * | * | * | * | 29.75 | + .06 | 54 | 57 | + 3 | WSW | 5 | 0 | * | 56 | 51 | 0.86 | | |
| Charleville | 29.79 | 64 | S | 4 | 0 | 29.89 | + .10 | 56 | 49 | + 7 | NH | 5 | 0 | * | 66 | 52 | 0.28 | | |
| Paris | 29.80 | 63 | H | 7 | 0 | 29.94 | + .14 | 58 | 54 | + 4 | SW | 5 | 0 | * | * | * | 0.05 | | |
| Lyons | 29.90 | 71 | NE | 1 | 0 | 30.02 | + .12 | 59 | 54 | + 5 | NNH | 1 | 0 | * | 75 | 54 | — | | |
| Toulon | 30.14 | 69 | NH | 7 | 0 | 30.09 | + .05 | 64 | 55 | + 9 | NH | 5 | 0 | 3 | 73 | 61 | — | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.33 | 45 | N | 4 | 0 | 28.45 | + .12 | 46 | 47 | + 1 | NH | 3 | 0 | * | 49 | 42 | 0.91 | | |

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|----|---|---|---|----|----|------|
| Hawes Junction | 28.83 | 45 | N | 4 | 0 | 28.45 | + .38 | 49 | 47 | + 2 | NH | 3 | 0 | * | 49 | 42 | 0.96 |
|----------------|-------|----|---|---|---|-------|-------|----|----|-----|----|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|----|
| Skudesnaes ... | 29.65 | 64 | 58 | WNW | 2 | c | 2 | Valencia ... | 29.95 | 57 | 56 | NNW | 5 | mm |
| Sumburgh Head | 29.71 | 57 | 54 | NNE | 3 | 0 | 3 | Scilly ... | 29.79 | 58 | 54 | NNW | 7 | eq |
| Stornoway ... | 29.80 | 53 | 51 | N | 5 | p | 4 | Dover .. | 29.60 | 61 | 58 | WSW | 5 | 0 |
| Aberdeen ... | 29.67 | 61 | 54 | N | 4 | c | 2 | London .. | 29.60 | 57 | 53 | SW | 4 | pc |
| Shields ... | 29.53 | 50 | 49 | ENE | 8 | n | 6 | Yarmouth ... | 29.54 | 60 | 55 | SW | 4 | c |
| Ardrossan ... | 29.71 | 53 | 52 | Z | 0 | or | 0 | Jersey ... | 29.74 | 61 | 57 | N | 7 | bc |
| Mullaghmore ... | 29.80 | 53 | 51 | NNW | 6 | opq | 5 | Rochefort ... | 30.01 | 69 | 67 | NNW | 7 | 0 |
| Holyhead ... | 29.60 | 56 | 51 | NNE | 6 | eq | 5 | | | | | | | |

The area of low pressure over England is moving slowly E., and a brisk rise of the barometer is in progress on our N. coast. The wind has increased to a fresh gale from ENE at Shields, and to a strong breeze from the NW on our W. coast, unsettled, showery weather in all parts of the Kingdom. The waves rather rough at Holyhead, moderate at Dover.

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; n. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

MONDAY, 23RD JULY.

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are {
Delivered by hand in City or at West End 10^s/per quarter
D^o D^o Bookpost 5^s/ D^o



ROBERT H. SCOTT

(SECRETARY).



Printed by J. Longfield, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

WEATHER CHARTS

for 8 a.m. on

Monday 23rd JULY.

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast;

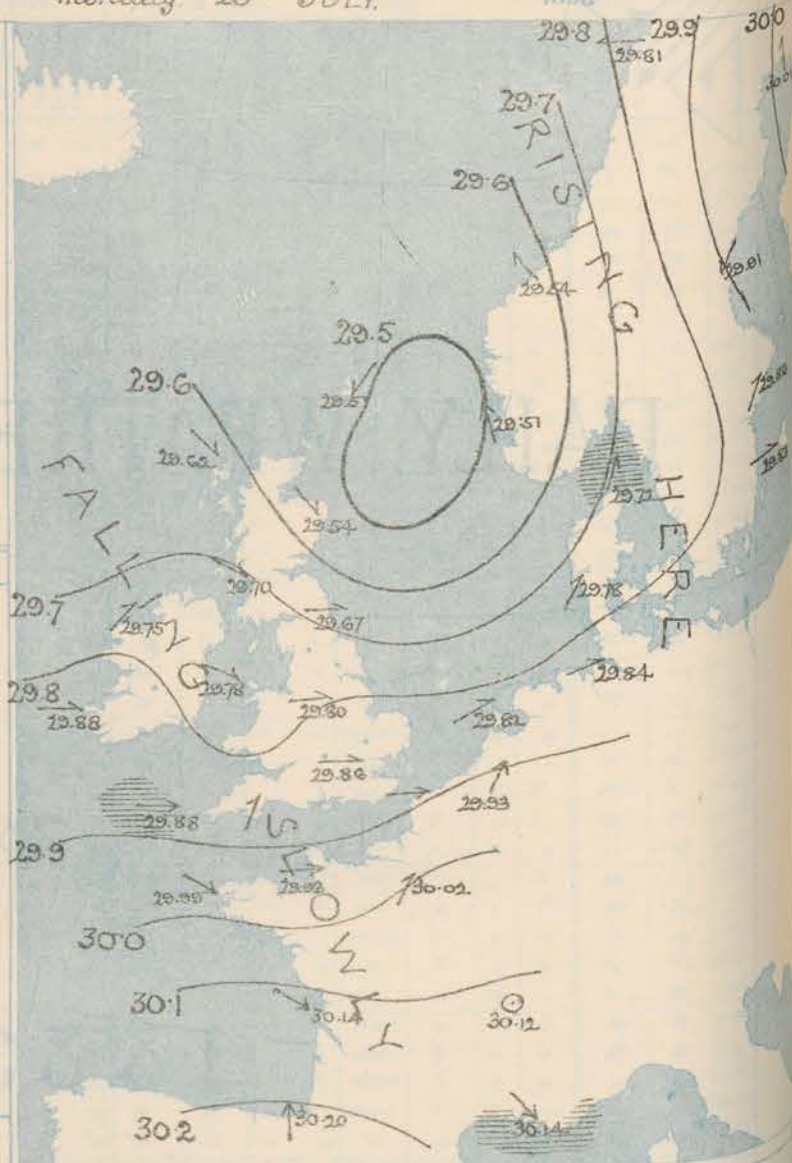
thus — Rough; — High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.87 |
| Sarnunway | 29.799 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrassan | 29.884 |
| Donaghadee | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.949 |
| Roches Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.986 |
| Howat Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.966 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Yarmouth | 29.934 |

* These means are for the 10 years 1871 to 1880.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning

are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 ins. or more, are quoted in figures.

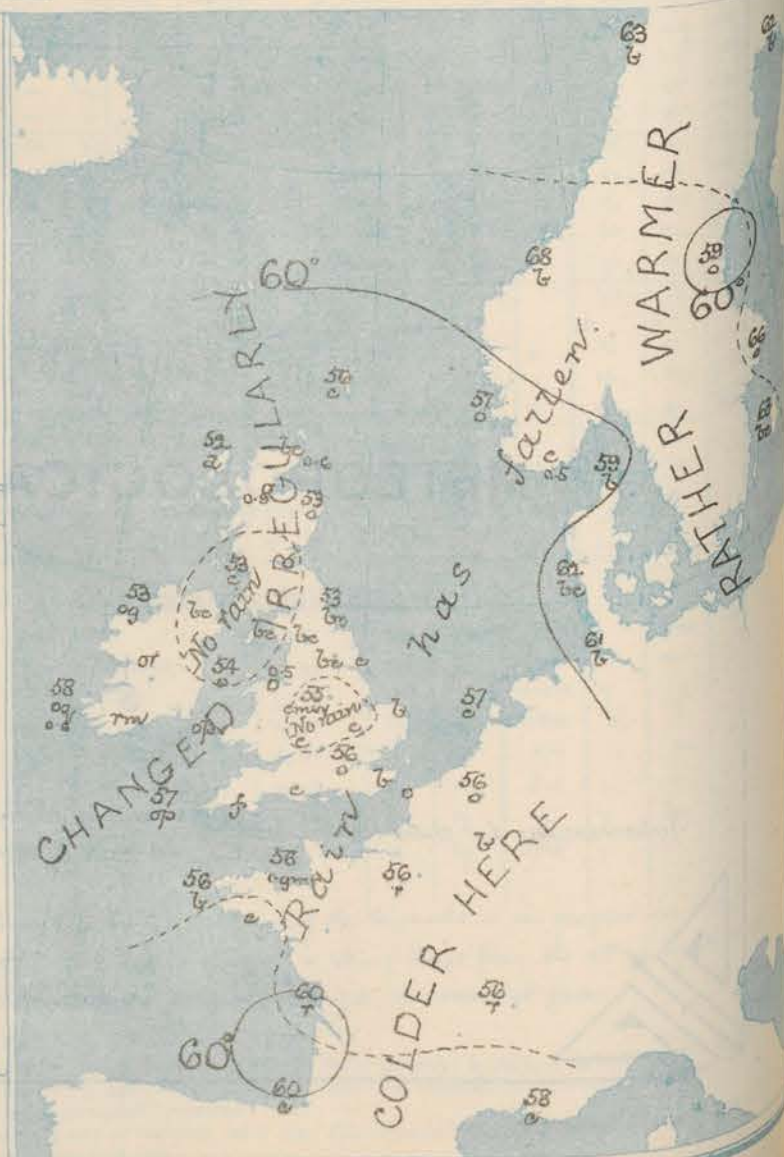
MEANS^{*} OF TEMPERATURE AT 8 A.M.

AND RAINFALL.

for the month of July.

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| | ° | ins. |
| Sumburgh Head | 53.7 | 2.06 |
| Sarnunway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.63 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shields | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrassan | 57.8 | 2.62 |
| Donaghadee | 57.1 | 2.66 |
| Holyhead | 58.3 | 2.39 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 58.0 | 3.59 |
| Roches Point | 59.1 | 3.07 |
| Pembroke | 58.6 | 2.12 |
| Sally | 60.3 | 1.96 |
| Howat Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.82 |
| LONDON | 62.5 | 2.36 |
| Oxford | 60.9 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.87 |

* These mean 8 a.m. Temperatures are the 10 years 1871 to 1880; the mean amounts of Rain, are mainly those for the 15 years 1866 to 1880.



REMARKS

for Monday 23rd July 1883 at 8 a.m.

The large area of low pressure noticed over the North Sea yesterday appears to have resolved itself into a definite depression, the centre of which now lies between the Scotch and Norwegian coast. In the meantime a shallow subsidiary disturbance has advanced from the Wnd over South Wales, and the barometer is consequently falling at all our western and northern stations, while it is rising to the End and SEnd of our Islands. Moderate SW^{ly} or S^{ly} winds prevail over the Netherlands and the eastern shores of the North Sea, but elsewhere the wind is generally W^{ly}, and in the Bay of Biscay it blows strongly. The weather is temporarily fine in the east and south-east, cloudy elsewhere, with drizzling rain at Stornoway and showers on our south-west coast. Heavy rain fell yesterday in the N. of Scotland and S. of Ireland, the largest amount reported being 0.9 in. at Cairn and 0.6 in. at Wick and Valencia. Temperature ranges from 58° at Valencia to 49° at South. The highest maxima yesterday were 66° at Dover, 65° at Hurst Castle + 64° at Cambridge and in London. Sea is rough at Scilly, slight or smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

24th JULY,

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | Westerly to south-westerly winds, moderate; cloudy, some showers. |
| 2 SCOTLAND EAST | -----D°-----D°-----D°----- |
| 3 ENGLAND N.E. | Westerly to south-westerly winds, moderate; fair to showery. |
| 4 ENGLAND EAST | Same as No 5 |
| 5 MIDLAND COUNTIES | Same as No 5 |
| 6 ENGLAND SOUTH | South-westerly winds, moderate; changeable, some showers. |

DISTRICTS

| | |
|------------------|---|
| 6 SCOTLAND WEST | Same as Nos 0 and 1. |
| 7 ENGLAND N.W. | Same as Nos 0 and 1. |
| 8 ENGLAND S.W. | Westerly to south-westerly winds, moderate or fresh; showery. |
| 9 IRELAND NORTH | South-westerly or southerly winds, moderate; cloudy, rain at times. |
| 10 IRELAND SOUTH | -----D°-----D°-----D°----- |

WARNINGS

None Issued.

METEOROLOGICAL OBSERVATIONS FOR

23rd JULY

1883

| † 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 Rain. | | | | | |
| | | | 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 | 29.96 | 54 | Z | 0 | b | 29.01 | + 17 | 62 | 56 | + 3 | 5 | 2 | b | * | 66 | 45 | | | | | | |
| Hernösand | 29.90 | 54 | Z | 0 | b | 29.91 | + 0.5 | 59 | 56 | + 4 | NE | 4 | 0 | * | 70 | 50 | 0.04 | | | | | |
| Stockholm | 29.80 | 60 | ESE | 2 | 0 | 29.86 | + 0.6 | 66 | 61 | + 1 | SW | 2 | 0 | * | 68 | 55 | 0.04 | | | | | |
| Wisby | 29.74 | 61 | SSE | 4 | c | 29.83 | + 1.1 | 63 | 60 | - 1 | W | 2 | 0 | * | 68 | 50 | 0.04 | | | | | |
| Bodö | 29.73 | 60 | NNE | 2 | b | 29.81 | + 0.6 | 63 | 54 | + 6 | E | 4 | b | 2 | 63 | 57 | | | | | | |
| Christiansund | 29.60 | 61 | ESE | 3 | c | 29.54 | - 1.1 | 68 | 54 | + 14 | SE | 5 | b | 1 | ? | 54 | 0.04 | | | | | |
| †Skudesnaes | 29.54 | 57 | SSE | 2 | 0 | 29.51 | - | 57 | 54 | - | SSE | 6 | 0 | 4 | 61 | ? | | | | | | |
| Oxö (Xiänsund) | 29.58 | 60 | SE | 4 | c | 29.61 | + 0.5 | 58 | 55 | - 2 | S | 4 | c | 4 | 61 | 54 | 0.47 | | | | | |
| Skagen (The Skaw) | 29.67 | 61 | S | 5 | b | 29.72 | + 0.8 | 59 | 55 | - 2 | SSW | 5 | b | 5 | 72 | 55 | 0.08 | | | | | |
| Fanö | 29.57 | 56 | WSW | 6 | c | 29.78 | + 2.1 | 62 | 56 | + 3 | SW | 4 | b | * | 64 | 55 | 0.12 | | | | | |
| Cuxhaven | 29.65 | 54 | SW | 5 | h | 29.84 | + 1.9 | 61 | 59 | + 4 | WSW | 3 | b | * | ? | 50 | 0.04 | | | | | |
| †Sumburgh Head | 29.49 | 54 | NNE | 4 | 0 | 29.51 | - 1.1 | 56 | 55 | + 4 | NE | 3 | c | 3 | 56 | 50 | 0.30 | | | | | |
| †Stornoway | 29.75 | 51 | W | 4 | b | 29.62 | - 1.9 | 52 | 52 | + 1 | W | 4 | d | 3 | 55 | 47 | 0.20 | | | | | |
| Wick | 29.55 | 50 | W | 6 | h | 29.51 | - 1.6 | 56 | 54 | + 4 | W | 1 | b | 1 | 56 | 47 | 0.04 | | | | | |
| Nairn | 29.67 | 50 | W | 2 | h | 29.57 | - 1.7 | 50 | 48 | + 3 | WSW | 2 | 0 | 2 | 57 | 47 | 0.94 | | | | | |
| †Aberdeen | 29.59 | 51 | W | 6 | 0 | 29.54 | - 0.7 | 53 | 50 | + 2 | W | 3 | c | 2 | 54 | 47 | 0.10 | | | | | |
| Leith | 29.64 | 60 | WSW | 2 | b | 29.63 | - 0.3 | 49 | 46 | - 5 | W | 3 | 0 | * | 62 | 44 | 0.22 | | | | | |
| †Shields | 29.66 | 56 | W | 3 | 0 | 29.67 | + 0.8 | 53 | 50 | + 1 | W | 4 | b | 3 | 61 | 45 | 0.00 | | | | | |
| Spurn Head | 29.72 | 58 | W | 6 | 0 | 29.75 | + 1.9 | 55 | 54 | + 1 | WSW | 4 | c | 3 | 60 | 49 | 0.17 | | | | | |
| York | 29.73 | 55 | W | 3 | c | 29.74 | + 1.3 | 54 | 49 | - 1 | W | 2 | b | * | 63 | 44 | | | | | | |
| Loughborough | 29.83 | 58 | W | 4 | c | 29.80 | + 1.1 | 55 | 51 | 0 | W | 2 | c | * | 61 | 47 | | | | | | |
| †Ardrossan | 29.73 | 55 | WSW | 4 | b | 29.70 | - 0.5 | 53 | 51 | - 3 | WSW | 3 | c | 2 | 60 | 48 | 0.13 | | | | | |
| †Mullaghmore | 29.86 | 52 | W | 4 | h | 29.75 | - 1.8 | 53 | 50 | - 1 | SW | 1 | 0 | 1 | 60 | 50 | | | | | | |
| Donaghadee | 29.82 | 58 | W | 5 | c | 29.75 | - 0.7 | 58 | 53 | + 4 | W | 2 | b | 0 | 62 | 40 | | | | | | |
| Parsonstown | 29.92 | 51 | SW | 1 | h | 29.80 | - 1.7 | 53 | 52 | + 1 | W | 1 | 0 | * | 54 | 50 | 0.14 | | | | | |
| Barrow-in-Furness | 29.76 | 58 | W | 5 | b | 29.73 | + 0.1 | 54 | 50 | - 2 | WSW | 2 | b | 3 | 60 | 50 | | | | | | |
| †Holyhead | 29.87 | 59 | W | 2 | c | 29.78 | - 0.6 | 54 | 51 | + 1 | W | 2 | 0 | 3 | 60 | 53 | 0.30 | | | | | |
| Liverpool (Bidston) | 29.81 | 57 | W | 5 | b | 29.76 | + 0.3 | 51 | 51 | - 3 | WSW | 2 | 0 | 2 | 58 | 49 | 0.55 | | | | | |
| †Valencia | 29.96 | 53 | WSW | 3 | h | 29.88 | - 1.9 | 58 | 57 | + 3 | W | 3 | 0 | 3 | 58 | 52 | 0.55 | | | | | |
| Roche's Point | 29.95 | 54 | W | 4 | h | 29.84 | - 1.7 | 57 | 56 | + 2 | W | 4 | h | h | 60 | 51 | 0.55 | | | | | |
| Pembroke | 29.91 | 55 | W | 5 | 0 | 29.78 | - 1.4 | 55 | 55 | + 3 | W | 3 | 0 | 2 | 58 | 51 | 0.30 | | | | | |
| †Scilly | 30.04 | 55 | W | 2 | 0 | 29.88 | - 1.3 | 57 | 56 | + 1 | W | 5 | 0 | 6 | 59 | 52 | 0.30 | | | | | |
| Prawle Point | 30.01 | 56 | WSW | 5 | b | 29.87 | - 0.6 | 54 | 54 | - 1 | SSW | 3 | f | 4 | 64 | 50 | 0.11 | | | | | |
| Hurst Castle | 29.94 | 59 | WSW | 5 | b | 29.87 | + 0.4 | 56 | 55 | - 1 | W | 4 | c | 3 | 65 | 53 | 0.03 | | | | | |
| †Dover | 29.84 | 58 | W | 3 | b | 29.87 | + 1.3 | 56 | 53 | + 1 | W | 3 | b | 2 | 66 | 51 | 0.04 | | | | | |
| †London | 29.87 | 58 | WSW | 3 | 0 | 29.86 | + 0.9 | 56 | 52 | 0 | W | 1 | 0 | * | 64 | 48 | 0.01 | | | | | |
| Oxford | 29.89 | 54 | W | 2 | b | 29.83 | + 0.6 | 55 | 52 | + 1 | WSW | 2 | c | * | 61 | 50 | | | | | | |
| Cambridge | 29.80 | 60 | W | 2 | c | 29.83 | + 1.4 | 55 | 55 | - 1 | WSW | 2 | c | * | 64 | 43 | 0.08 | | | | | |
| †Yarmouth | 29.77 | 55 | WSW | 4 | h | 29.82 | + 2.3 | 55 | 52 | + 2 | WSW | 2 | b | 2 | 60 | 45 | 0.04 | | | | | |
| The Helder | 29.74 | 57 | W | 5 | 0 | 29.82 | + 3.5 | 57 | 52 | + 2 | WSW | 3 | c | 2 | 59 | 55 | 0.10 | | | | | |
| Cape Gris Nez | 30.00 | 60 | W | 7 | b | 29.89 | + 1.3 | 55 | 53 | 0 | W | 5 | 0 | 4 | 63 | 52 | 0.14 | | | | | |
| †Jersey | 30.03 | 56 | WSW | 5 | b | 29.93 | - 0.2 | 56 | 55 | - 1 | W | 5 | 0 | 4 | 62 | 51 | 0.14 | | | | | |
| Brest | 30.13 | 57 | W | 5 | m | 29.99 | - 0.7 | 56 | 55 | 0 | WSW | 5 | f | 4 | 61 | 54 | 0.06 | | | | | |
| Lorient | 30.13 | 57 | WSW | 7 | 0 | ? | ? | 56 | 54 | + 1 | WSW | 7 | c | 4 | 63 | 50 | | | | | | |
| †Rochefort | 30.18 | 63 | W | 5 | b | 30.14 | + 0.4 | 60 | 58 | + 2 | WSW | 7 | h | 2 | 66 | 54 | | | | | | |
| Biarritz | 30.23 | 64 | W | 5 | c | 30.20 | + 0.7 | 60 | 57 | - 3 | S | 5 | c | 2 | 68 | 55 | | | | | | |
| Cornuna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.04 | | | | | |
| Brussels | * | * | * | * | * | 29.93 | + 1.8 | 56 | 52 | + 2 | SW | 5 | 0 | * | 64 | 51 | 0.08 | | | | | |
| Charleville | 29.79 | 64 | S | 4 | b | ? | ? | 54 | 50 | - 2 | SW | 1 | b | * | 63 | ? | 0.12 | | | | | |
| Paris | 29.99 | 62 | WSW | 4 | c | 30.02 | + 0.8 | 56 | 53 | + 2 | SW | 3 | h | * | * | * | | | | | | |
| Lyons | 30.06 | 63 | W | 3 | b | 30.12 | + 1.0 | 56 | 53 | - 3 | E | 1 | h | * | 67 | 50 | | | | | | |
| Toulon | 30.11 | 69 | W | 8 | b | 30.14 | + 0.5 | 58 | 50 | - 6 | W | 7 | c | 5 | 75 | 54 | | | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.52 | 52 | W | 3 | b | 28.50 | + 0.5 | 50 | 46 | + 1 | W | 2 | b | * | 56 | 41 | 0.02 | | | | | |

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

| Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | Bar. | Dry. | Wet. | Wind. | Wet. |
|---------------|-------|------|-------|------|------|-----------|-------|------|-------|------|
| Skudesnaes | 29.56 | 61 | SE | W | 4 | Valencia | | | | |
| Sumburgh Head | | | | | | Scilly | | | | |
| Stornoway | | | | | | Dover | | | | |
| Aberdeen | | | | | | London | | | | |
| Shields | | | | | | Yarmouth | | | | |
| Ardrossan | | | | | | Jersey | | | | |
| Mullaghmore | | | | | | Rochefort | 30.16 | 66 | 61 | W |
| Holyhead | | | | | | | | | | |

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. mist; o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and
 and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

F O R

TUESDAY, 24TH JULY.

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter
D^o D^o Bookpost 5^s D^o



ROBERT H. SCOTT

(SECRETARY.)



WEATHER CHARTS

for 8 a.m. on Tuesday, 24th JULY.

1883

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 6 to 7; → force 4 to 5;

○ - dead calm.

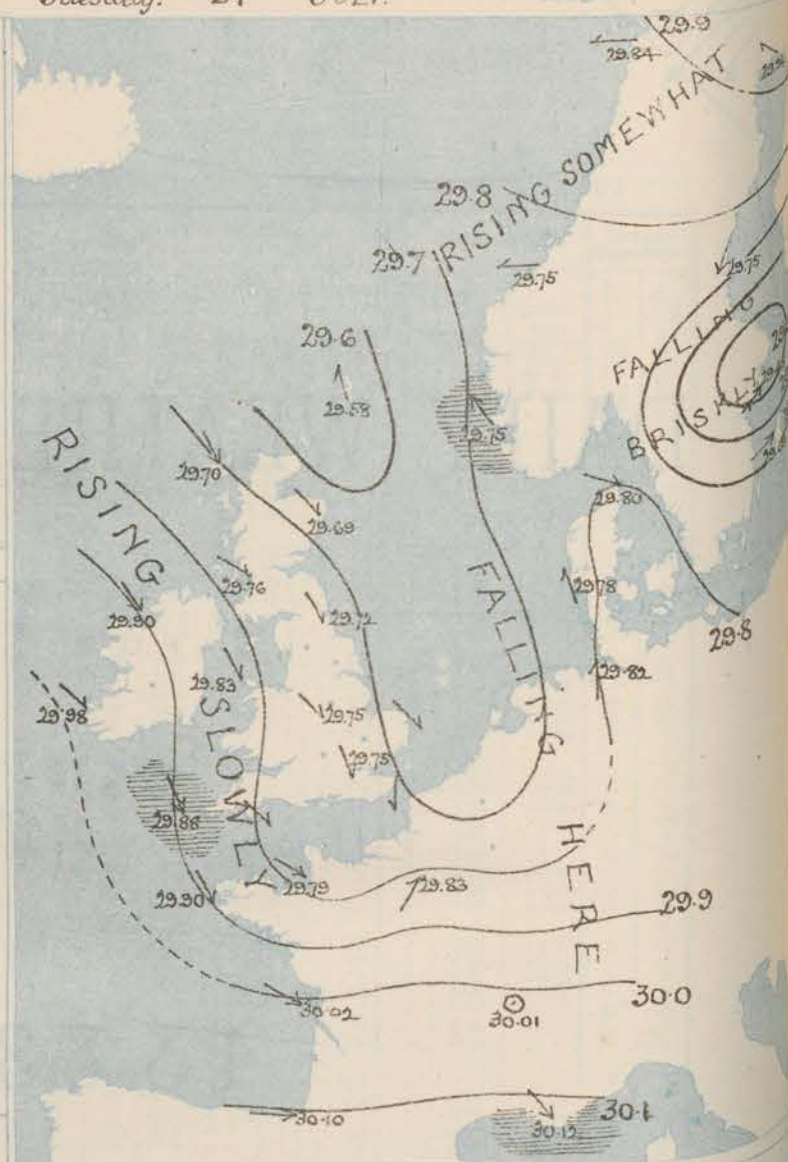
Sea Disturbance, where considerable is shown by shading round the coast, thus - Rough, - High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations. | Mean Readings. |
|---------------|----------------|
| | <i>inches</i> |
| Sumburgh Head | 29.822 |
| Sornoway | 29.790 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrossan | 29.864 |
| Donaghadee | 29.878 |
| Ballyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roche's Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.986 |
| Hurst Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Yarmouth | 29.935 |

* These means are for the 10 years 1871 to 1880.



REMARKS

for Tuesday 24th July. 1883 at 8 a.m.

The depression noticed off the east of Scotland yesterday has moved slightly N^W, while the subsidiary disturbance over South Wales has become more fully developed and travelled eastward to the Netherlands. As a result of these changes the barometer has risen on our western and northern coast, while it has fallen at the south-eastern and French stations. In Sweden a separate fall has been occasioned by a well defined depression which has appeared over the Baltic. SE. breezes are reported from the eastern shores of the North Sea, but in our islands and France the winds is N^W, and at some of the western and southern stations it blows freshly. The weather is cloudy in most places with showers in the N. of Scotland and SE. of England. In the course of the past twenty four hours rain has fallen at all but our north-eastern and north-western stations. A thunderstorm occurred at Aberdeen yesterday afternoon and in London early this morning. Temperature ranges from 60° at Dover to 51° at Stromsøey and Kain. The sea is rather rough at Scilly, moderate to smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

25th JULY

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS



DISTRICTS

FORECASTS

| | |
|--------------------|--|
| 1 SCOTLAND NORTH | North-westerly winds, moderate to fresh; cloudy, showery. |
| 2 SCOTLAND EAST | Same as No 5 |
| 3 ENGLAND N.E. | Same as No 5 |
| 4 ENGLAND EAST | Same as No 5 |
| 5 MIDLAND COUNTIES | Same as No 5 |
| 6 ENGLAND SOUTH | North-westerly winds, moderate; changeable, showers locally. |

DISTRICTS

FORECASTS

| | |
|------------------|---|
| 6 SCOTLAND WEST | North-westerly winds, moderate; fair on the whole. |
| 7 ENGLAND N.W. | Same as No 5 |
| 8 ENGLAND S.W. | North-westerly winds, moderate or fresh; cloudy, showers locally. |
| 9 IRELAND NORTH | Same as No 5 |
| 10 IRELAND SOUTH | Same as No 5 |
| WARNINGS | NONE ISSUED. |

METEOROLOGICAL OBSERVATIONS FOR

24th JULY

1883

| 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 | 29.97 | 62 | 2 | 0 | b | 29.94 | -0.07 | 71 | 63 | +0.09 | SE | 2 | b | * | ? | 54 | - | | |
| Hernösand | 29.91 | 58 | 2 | 0 | o | 29.75 | -0.16 | 59 | 57 | -0.02 | NE | 6 | o | * | 64 | 48 | - | | |
| Stockholm | 29.82 | 64 | NE | 2 | o | 29.48 | -0.38 | 55 | 55 | -0.11 | WNW | 6 | A | * | 77 | ? | 0.51 | | |
| Wisby | 29.86 | 60 | E | 4 | e | 29.69 | -0.14 | 59 | 56 | -0.04 | N | 6 | A | * | 70 | 55 | 0.35 | | |
| Bodö | 29.84 | 64 | 2 | 0 | b | 29.84 | +0.03 | 64 | 58 | +0.01 | E | 4 | c | 1 | 75 | 57 | - | | |
| Christiansund | 29.65 | 58 | W | 4 | b | 29.75 | +0.21 | 59 | 54 | -0.09 | ESE | 2 | c | i | 70 | 50 | - | | |
| † Skudesnaes | 29.71 | 57 | SSW | 8 | q | 29.75 | +0.24 | 57 | 51 | -0.06 | SE | 6 | c | 5 | 59 | 57 | - | | |
| Oxö (Xiänsund) | 29.80 | 58 | SSW | 4 | c | 29.78 | +0.17 | 55 | 54 | -0.03 | Z | 0 | bo | 4 | 63 | 52 | - | | |
| Skagen (The Skaw) | 29.82 | 58 | Z | 0 | o | 29.80 | +0.08 | 59 | 54 | -0.05 | WNW | 2 | b | 1 | 68 | 52 | - | | |
| Faro | 29.84 | 52 | SSW | 1 | o | 29.78 | -0.06 | 58 | 55 | -0.04 | SSW | 4 | c | * | 63 | 52 | 0.12 | | |
| Cuxhaven | 29.87 | 48 | WSW | 2 | c | 29.82 | -0.02 | 61 | 59 | -0.02 | P | 2 | b | * | 61 | 49 | 0.06 | | |
| † Sumburgh Head | 29.51 | 53 | NW | 3 | o | 29.58 | +0.07 | 53 | 51 | -0.03 | SSW | 3 | c | 3 | 59 | 46 | 0.13 | | |
| † Stornoway | 29.66 | 54 | NW | 4 | om | 29.70 | +0.08 | 51 | 51 | -0.01 | NW | 5 | d | 4 | 58 | 47 | 0.07 | | |
| Wick | 29.60 | 55 | N | 2 | o | 29.58 | +0.07 | 56 | 54 | -0.02 | NW | 4 | cp | 3 | 63 | 48 | 0.20 | | |
| Nairn | 29.61 | 57 | WSW | 1 | o | 29.68 | +0.11 | 51 | 49 | +0.01 | WSW | 1 | cp | 2 | 60 | 49 | 0.46 | | |
| † Aberdeen | 29.61 | 56 | P | 1 | A | 29.69 | +0.15 | 53 | 52 | -0.01 | NW | 1 | d | 1 | 64 | 47 | 0.36 | | |
| Leith | 29.63 | 57 | W | 2 | bo | 29.72 | +0.09 | 58 | 54 | +0.04 | W | 1 | c | * | 59 | 48 | 0.01 | | |
| † Shields | 29.67 | 57 | 2 | 0 | o | 29.72 | +0.05 | 54 | 53 | +0.01 | NW | 1 | o | 3 | 61 | 47 | - | | |
| Spurn Head | 29.71 | 59 | SW | 2 | o | 29.72 | -0.03 | 55 | 54 | -0.01 | NW | 4 | b | 3 | 61 | 50 | - | | |
| York | 29.71 | 60 | WNW | 2 | b | 29.74 | +0.03 | 56 | 53 | -0.03 | WNW | 2 | bo | * | 63 | 44 | - | | |
| Loughborough | 29.74 | 56 | SW | 1 | c | 29.75 | -0.05 | 56 | 52 | -0.04 | NW | 3 | cm | * | 60 | 41 | 0.01 | | |
| † Ardrossan | 29.70 | 54 | WNW | 2 | o | 29.76 | +0.06 | 53 | 52 | -0.01 | WNW | 2 | o | 1 | 59 | 51 | - | | |
| † Mullaghmore | 29.76 | 57 | NW | 4 | 3v | 29.90 | +0.15 | 55 | 50 | -0.05 | NW | 5 | og | 4 | 60 | 52 | - | | |
| Donaghadee | 29.75 | 55 | NW | 4 | o | 29.82 | +0.07 | 56 | 53 | -0.03 | NE | 6 | o | A | 60 | 48 | - | | |
| Parsonstown | 29.77 | 59 | W | 1 | o | 29.97 | +0.17 | 54 | 50 | -0.04 | NW | 1 | b | * | 64 | 44 | 0.38 | | |
| Barrow-in-Furness | 29.72 | 56 | SW | 3 | c | 29.74 | +0.01 | 55 | 53 | -0.02 | WNW | 3 | o | 3 | 61 | 52 | - | | |
| † Holyhead | 29.76 | 57 | SSW | 2 | c | 29.83 | +0.05 | 54 | 52 | -0.02 | NW | 3 | o | A | 61 | 53 | 0.03 | | |
| Liverpool (Bidston) | 29.75 | 56 | WNW | 1 | bo | 29.77 | +0.01 | 55 | 53 | -0.02 | WNW | 2 | c | 2 | 59 | 51 | 0.06 | | |
| † Valencia | 29.88 | 57 | NW | 3 | omd | 29.98 | +0.10 | 57 | 56 | -0.01 | NW | 3 | o | 3 | 62 | 52 | 0.06 | | |
| Roche's Point | 29.82 | 61 | NW | 4 | bo | 29.94 | +0.10 | 57 | 53 | -0.04 | WNW | 3 | bo | 3 | 65 | 50 | 0.04 | | |
| Pembroke | 29.77 | 58 | W | 4 | c | 29.85 | +0.07 | 55 | 52 | -0.03 | N | 3 | bo | 2 | 60 | 52 | 0.06 | | |
| † Scilly | 29.88 | 58 | W | 4 | o | 29.88 | -0.01 | 58 | 56 | -0.02 | WNW | 6 | c | 5 | 60 | 53 | 0.04 | | |
| Prawle Point | 29.88 | 58 | WSW | 4 | b | 29.79 | -0.08 | 60 | 56 | -0.04 | WNW | 4 | b | 3 | 64 | 52 | - | | |
| Hurst Castle | 29.77 | 59 | SW | 4 | bo | 29.74 | -0.13 | 58 | 56 | -0.02 | WNW | 3 | c | 3 | 61 | 56 | 0.11 | | |
| † Dover | 29.78 | 57 | WSW | 3 | ox | 29.70 | -0.17 | 60 | 56 | -0.04 | N | 2 | cp | 1 | 61 | 53 | 0.11 | | |
| † London | 29.74 | 60 | SSW | 1 | c | 29.75 | -0.11 | 54 | 50 | -0.04 | WNW | 2 | o | * | 64 | 52 | 0.30 | | |
| Oxford | 29.75 | 55 | WNW | 1 | b | 29.76 | -0.07 | 54 | 51 | -0.03 | N | 1 | bo | * | 61 | 52 | 0.30 | | |
| Cambridge | 29.81 | 59 | W | 1 | A | 29.75 | -0.08 | 55 | 52 | -0.03 | NW | 1 | b | * | 64 | 47 | 0.09 | | |
| † Yarmouth | 29.74 | 59 | SW | 1 | c | 29.69 | -0.13 | 53 | 53 | -0.01 | NW | 1 | og | 1 | 60 | 52 | 0.12 | | |
| The Helder | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.77 | 57 | WSW | 4 | A | 29.72 | -0.17 | 57 | 56 | -0.01 | NW | 3 | A | 3 | 61 | 55 | 0.12 | | |
| † Jersey | 29.88 | 58 | W | 5 | opm | 29.79 | -0.14 | 56 | 55 | -0.01 | WNW | 5 | cm | 4 | 60 | 54 | 0.28 | | |
| Brest | 29.88 | 58 | WNW | 5 | o | 29.90 | -0.09 | 57 | 54 | -0.03 | WNW | 5 | bo | 4 | 59 | 54 | 0.08 | | |
| Lorient | 30.05 | 59 | W | 7 | m | 29.94 | -0.09 | 56 | 55 | -0.01 | WNW | 5 | A | 3 | 63 | 54 | 0.08 | | |
| † Rochefort | 30.11 | 62 | W | 7 | o | 30.02 | -0.12 | 61 | 60 | -0.01 | WNW | 7 | o | 4 | 68 | 54 | 0.35 | | |
| Biarritz | 30.17 | 66 | W | 4 | bo | 30.10 | -0.10 | 61 | 58 | -0.03 | W | 5 | o | 2 | 70 | 55 | - | | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | 29.73 | -0.20 | 59 | 56 | -0.03 | SW | 5 | o | * | 63 | 55 | 0.08 | | |
| Charleville | 29.74 | 55 | WNW | 4 | c | 29.84 | +0.10 | 56 | 53 | -0.03 | W | 3 | o | * | ? | 48 | 0.20 | | |
| Paris | 29.91 | 60 | SW | 3 | o | 29.83 | -0.19 | 60 | 56 | -0.04 | SW | 3 | o | * | | | | | |
| Lyons | 30.08 | 58 | E | 1 | o | 30.01 | -0.11 | 56 | 52 | -0.04 | P | 1 | o | * | 66 | 54 | - | | |
| Toulon | 30.08 | 63 | NW | 8 | o | 30.12 | -0.02 | 59 | 52 | -0.07 | NW | 7 | b | 5 | 64 | 50 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.49 | 51 | W | 2 | b | 28.53 | +0.03 | 52 | 50 | +0.02 | W | 2 | o | * | 55 | 45 | - | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|-------|----|----|-------|---|---|---|---|----|----|---|
| Hawes Junction | 28.49 | 51 | W | 2 | b | 28.53 | +0.03 | 52 | 50 | +0.02 | W | 2 | o | * | 55 | 45 | - |
|----------------|-------|----|---|---|---|-------|-------|----|----|-------|---|---|---|---|----|----|---|

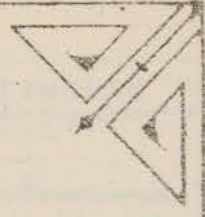

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. |
|---------------|-------|------|-------|------|------|-----------|-------|------|-------|------|------|
| Skudesnaes | 29.63 | 59 | SSW | 8 | c | Valencia | 29.89 | 61 | SW | W | 4 |
| Sumburgh Head | 29.51 | 55 | WNW | 3 | o | Scilly | 29.89 | 60 | SW | WNW | 5 |
| Stornoway | 29.63 | 57 | SSW | 4 | op | Dover | 29.83 | 60 | SW | WNW | 4 |
| Aberdeen | 29.58 | 57 | SW | 2 | alt | London | 29.79 | 61 | SW | SSW | 3 |
| Shields | 29.66 | 60 | W | 4 | c | Yarmouth | 29.78 | 58 | SW | SW | 2 |
| Ardrossan | 29.70 | 56 | SW | 3 | o | Jersey | 29.88 | 59 | SW | W | 5 |
| Mullaghmore | 29.75 | 57 | SW | 2 | ogm | Rochefort | 30.11 | 62 | 61 | W | 7 |
| Holyhead | 29.79 | 59 | SW | 2 | bo | | | | | | |

The depression in the N. is apparently passing N. of our Scotland, while a subsidiary disturbance over England is moving, and the changes in pressure are therefore somewhat irregular. At Aberdeen the wind has backed to S. and a thunderstorm is in progress.

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; n. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 † Received too late for insertion in chart.



DAILY WEATHER REPORT

FOR

WEDNESDAY, 25TH JULY.

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s per quarter
D^s D^s Bookpost 5^s D^s



ROBERT H. SCOTT

(SECRETARY.)



Printed by J. Longfield, 116, Victoria St. London, S.W.

WEATHER CHARTS

for 8 a.m. on

WEDNESDAY, 25th JULY.

1883

BAROMETER, WIND & SEA

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 6 to 7; → forces 4 to 5

○ — dead calm.

Sea Disturbance, where considerable is shown by shading round the coast, thus — Rough; — high.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.857 |
| Stormoway | 29.790 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shetland | 29.873 |
| York | 29.902 |
| Ardrossan | 29.864 |
| Donaghadee | 29.878 |
| Ballyhead | 29.878 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roches Point | 29.940 |
| Bombrook | 29.942 |
| Sally | 29.986 |
| Worst Castle | 29.967 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.947 |
| Cambridge | 29.957 |
| Yarmouth | 29.934 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

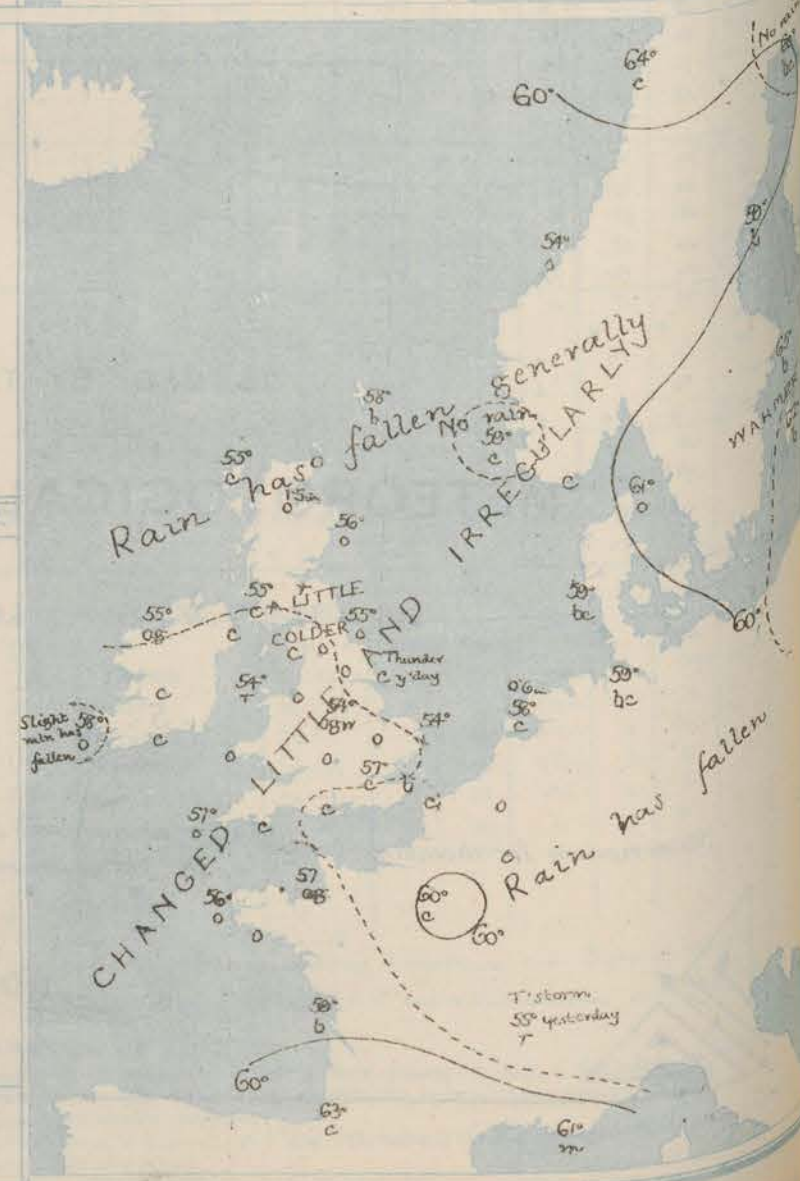
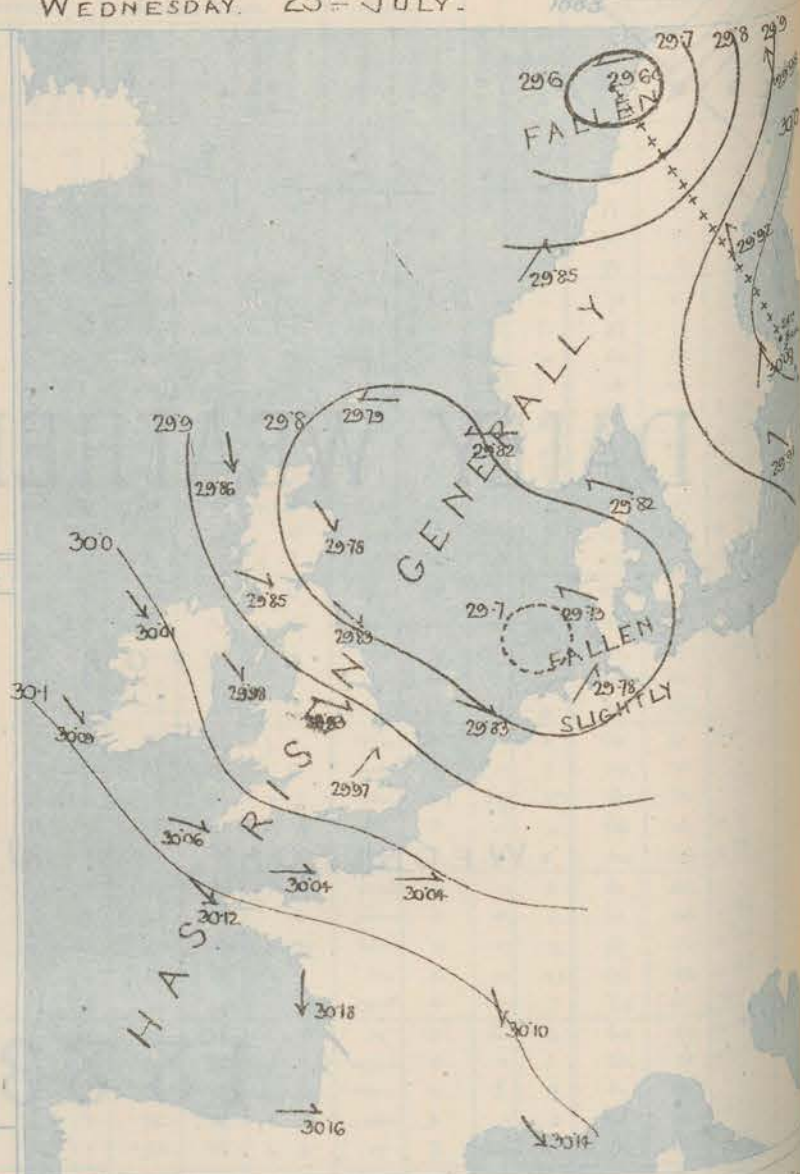
Falls of 0.5 in. or more, are quoted in figures.

MEANS^s OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.45 |
| Stormoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.54 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shetland | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 57.8 | 2.42 |
| Donaghadee | 57.7 | 2.58 |
| Ballyhead | 58.3 | 2.79 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roches Point | 59.1 | 2.07 |
| Bombrook | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Worst Castle | 61.7 | 2.30 |
| Dover | 63.0 | 1.02 |
| LONDON | 62.6 | 2.26 |
| Oxford | 60.9 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.02 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1865 to 1880.



REMARKS

for Wednesday 25th July 1883 at 8 a.m.

The weather over the United Kingdom remains in a cold cloudy and somewhat showery condition generally.

Barometric readings vary from about 30.17 in. in the West of France and 30.1 in. in the South-west of Ireland to about 29.75 in. over the North Sea, and 29.6 in. in the North-west of Norway.

Moderate gradients for NWth winds are consequently prevalent over our Islands, but these vary locally, on account of a very shallow subsidiary depression which is passing over Wales & the West of England.

NWth breezes are reported very generally, but are only light to moderate in force. Temperature has fallen over the N. of England, and is very low for the time of year.

The maxima recorded yesterday varied from 70° at Cambridge & 66° at Bristol & four other inland stations to only 58° at Aberdeen & 55° at Inverness Nth; those in Sweden & Norway were considerably higher. The sky is very cloudy this morning, the general appearance is changeable & in some places rain is falling. Heavy rain fell at Harrow yesterday. The sea is moderate in the far N. South or nearly so on our other coasts.

FORECASTS

for the 24 hours ending at Noon
on the

26th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS.



DISTRICTS

| DISTRICTS | FORECASTS |
|--------------------|---|
| 1 SCOTLAND NORTH | NW th to N th breezes, light; some showers, cold at night. |
| 2 SCOTLAND EAST | -----D-----D-----D----- |
| 3 ENGLAND N.E. | -----D-----D-----D----- |
| 4 ENGLAND EAST | Same as N ^o 5 |
| 5 MIDLAND COUNTIES | Same as N ^o 5 |
| 6 ENGLAND SOUTH | W. and NW th breezes, moderate; cold showers to day; clear and cold at night |

DISTRICTS

| DISTRICTS | FORECASTS |
|------------------|--|
| 6 SCOTLAND WEST | Same as N ^o 0 to 2 |
| 7 ENGLAND N.W. | Same as N ^o 0 to 2 |
| 8 ENGLAND S.W. | Same as N ^o 5 |
| 9 IRELAND NORTH | NW th breezes, light; fair on the whole |
| 10 IRELAND SOUTH | -----D-----D-----D----- |

WARNINGS

None Issued

METEOROLOGICAL OBSERVATIONS FOR 25TH JULY 1883

| | † 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 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 | 29.84 | 65 | SE | 3 | c | 29.98 | + 0.4 | 60 | 57 | — | 11 | S | 6 | bc | * | 75 | 52 | — | |
| Hernösand | 29.67 | 59 | SSE | 6 | c | 29.92 | + 17 | 59 | 55 | — | 0 | S | 2 | b | * | 63 | 55 | 0.51 | |
| Stockholm | 29.89 | 59 | SSW | 2 | b | 30.00 | + 32 | 65 | 59 | + | 10 | S | 2 | b | * | 70 | 55 | 0.08 | |
| Wisby | 29.88 | 58 | S | 4 | b | 29.91 | + 22 | 62 | 58 | + | 3 | SE | 2 | b | * | 70 | 55 | — | |
| Bodö | 29.69 | 66 | NNE | 2 | bc | 29.60 | — 24 | 64 | 58 | — | 0 | E | 2 | c | 1 | 72 | 57 | 0.12 | |
| Christiansund | 29.74 | 56 | WNW | 2 | r | 29.85 | + 10 | 54 | 52 | — | 5 | SW | 2 | c | 2 | 59 | 50 | 0.32 | |
| †Skudesnaes | 29.75 | 59 | SE | 4 | c | 29.82 | + 07 | 59 | 56 | + | 2 | E | 4 | c | 3 | 59 | 57 | 0.35 | |
| Örö (Nansund) | 29.78 | 62 | ESE | 4 | c | 29.80 | + 02 | 53 | 57 | + | 4 | NE | 4 | c | 2 | 68 | 55 | — | |
| Skagen (The Skaw) | 29.81 | 61 | S | 3 | bc | 29.82 | — 02 | 61 | 60 | + | 2 | ESE | 3 | c | 3 | 72 | 59 | 0.04 | |
| Fanö | 29.75 | 56 | ESE | 2 | c | 29.73 | — 05 | 59 | 56 | + | 1 | ESE | 4 | bc | * | 66 | 54 | 0.12 | |
| Cuxhaven | 29.65 | 58 | SW | 3 | r | 29.78 | — 04 | 57 | 58 | — | 2 | SW | 3 | bc | * | 64 | 50 | 0.14 | |
| †Sumburgh Head | 29.62 | 55 | ESE | 4 | bc | 29.79 | + 21 | 58 | 55 | + | 5 | E | 4 | b | 3 | 59 | 51 | — | |
| †Stornoway | 29.73 | 52 | WNW | 5 | r | 29.86 | + 16 | 58 | 53 | + | 4 | WNW | 5 | c | 4 | 55 | 49 | 0.10 | |
| Wick | 29.66 | 54 | NNW | 3 | c | 29.80 | + 22 | 55 | 53 | — | 1 | ENE | 1 | c | 0 | 59 | 49 | 0.03 | |
| Nairn | 29.72 | 52 | WSW | 1 | r | 29.79 | + 11 | 52 | 51 | + | 1 | NNW | 1 | c | 2 | 57 | 50 | 0.12 | |
| †Aberdeen | 29.70 | 57 | WNW | 2 | r | 29.78 | + 09 | 56 | 53 | + | 3 | NNW | 1 | c | 1 | 58 | 49 | 0.44 | |
| Leith | 29.75 | 58 | WNW | 2 | c | 29.80 | + 08 | 54 | 52 | — | 4 | WNW | 1 | r | * | 60 | 49 | 0.10 | |
| †Shields | 29.77 | 57 | W | 1 | c | 29.83 | + 11 | 55 | 53 | + | 1 | NNW | 4 | c | 2 | 59 | 47 | 0.36 | |
| Spurn Head | 29.78 | 57 | Z | 0 | c | 29.86 | + 14 | 55 | 54 | — | 0 | W | 4 | c | 2 | 61 | 50 | 0.05 | |
| York | 29.78 | 58 | WSW | 1 | c | 29.87 | + 13 | 54 | 51 | — | 2 | W | 2 | c | * | 66 | 49 | 0.02 | |
| Loughborough | 29.83 | 60 | NNW | 4 | c | 29.90 | + 18 | 54 | 50 | — | 2 | WNW | 3 | cg | * | 63 | 49 | — | |
| †Ardrossan | 29.83 | 54 | NNW | 1 | c | 29.85 | + 09 | 55 | 54 | + | 2 | WNW | 4 | c | 3 | 58 | 50 | — | |
| †Mullaghmore | 29.94 | 55 | NNW | 5 | c | 30.01 | + 11 | 55 | 50 | — | 0 | NNW | 5 | cg | 4 | 58 | 54 | 0.01 | |
| Donaghadee | 29.89 | 55 | NNE | 5 | r | 29.95 | + 13 | 54 | 52 | — | 2 | N | 4 | c | 2 | 59 | 53 | — | |
| Parsonstown | 29.98 | 59 | NNW | 1 | c | 30.05 | + 08 | 55 | 52 | + | 1 | NNW | 1 | c | * | 64 | 52 | — | |
| Barrow-in-Furness | 29.82 | 59 | NNW | 5 | bc | 29.88 | + 14 | 54 | 52 | — | 1 | NNW | 4 | c | 4 | 62 | 52 | 0.01 | |
| †Holyhead | 29.91 | 56 | NNW | 3 | c | 29.98 | + 15 | 54 | 51 | — | 0 | NNW | 4 | r | 4 | 60 | 53 | — | |
| Liverpool (Bidston) | 29.87 | 55 | W | 3 | c | 29.93 | + 16 | 53 | 51 | — | 2 | W | 4 | c | 3 | 60 | 52 | — | |
| †Valencia | 30.05 | 55 | WNW | 3 | c | 30.09 | + 11 | 58 | 56 | + | 1 | NNW | 2 | c | 2 | 62 | 51 | 0.01 | |
| Roche's Point | 29.99 | 61 | NNW | 4 | bc | 30.05 | + 11 | 56 | 53 | — | 1 | NNW | 2 | c | 3 | 64 | 50 | — | |
| Pembroke | 29.95 | 57 | WNW | 3 | c | 30.00 | + 15 | 55 | 52 | — | 0 | WNW | 3 | c | 1 | 59 | 52 | — | |
| †Scilly | 30.09 | 58 | WNW | 4 | bc | 30.06 | + 18 | 57 | 55 | — | 1 | WNW | 4 | c | 4 | 60 | 55 | — | |
| Prawle Point | 29.95 | 61 | NNW | 4 | b | 30.02 | + 23 | 58 | 56 | — | 2 | WSW | 2 | c | 3 | 69 | 50 | — | |
| Hurst Castle | 29.87 | 66 | NNW | 3 | c | 29.98 | + 24 | 55 | 55 | — | 0 | NNW | 2 | c | 2 | 66 | 53 | 0.01 | |
| Dover | 29.80 | 63 | NNW | 2 | b | 29.95 | + 25 | 63 | 56 | + | 3 | WNW | 2 | b | 1 | 65 | 52 | 0.03 | |
| †London | 29.83 | 62 | NNW | 2 | c | 29.97 | + 22 | 57 | 53 | + | 3 | SW | 2 | c | * | 66 | 50 | — | |
| Oxford | 29.89 | 56 | NNW | 2 | b | 29.97 | + 21 | 54 | 52 | — | 0 | WSW | 2 | c | * | 64 | 49 | — | |
| Cambridge | 29.82 | 58 | NNW | 1 | c | 29.95 | + 20 | 57 | 53 | + | 2 | WNW | 1 | c | * | 70 | 47 | — | |
| †Yarmouth | 29.77 | 63 | NNW | 2 | b | 29.87 | + 18 | 54 | 52 | + | 1 | WNW | 3 | cm | 2 | 63 | 49 | 0.05 | |
| The Helder | 29.74 | 58 | NNW | 3 | c | 29.83 | + 15 | 54 | 52 | — | 1 | WNW | 1 | c | 1 | 59 | 53 | 0.09 | |
| Cape Gris Nez | 29.82 | 63 | W | 1 | b | 29.91 | + 19 | 57 | 55 | — | 0 | WNW | 5 | c | 4 | 62 | 54 | 0.04 | |
| †Jersey | 29.94 | 59 | WNW | 4 | b | 30.04 | + 25 | 57 | 56 | + | 1 | W | 3 | cg | 3 | 62 | 53 | — | |
| Brest | 30.05 | 59 | NNW | 4 | b | 30.12 | + 22 | 56 | 53 | — | 1 | NNW | 5 | c | 3 | 61 | 54 | — | |
| Lorient | 30.03 | 59 | NNW | 5 | bc | 30.17 | + 23 | 56 | 54 | — | 0 | NNW | 3 | c | 2 | 63 | 53 | — | |
| †Roche fort | 30.03 | 62 | NNW | 8 | b | 30.18 | + 16 | 59 | 55 | — | 2 | N | 5 | b | 2 | 66 | 52 | — | |
| Biarritz | 30.12 | 64 | WNW | 7 | c | 30.16 | + 06 | 63 | 59 | + | 2 | W | 3 | c | 2 | 66 | 59 | 0.12 | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels | * | * | * | * | * | 29.94 | + 21 | 54 | 54 | — | 5 | WSW | 4 | c | * | 66 | 51 | 0.12 | |
| Charleville | 29.81 | 57 | SW | 4 | c | ? | ? | 53 | 49 | — | 6 | SW | 1 | c | * | 60 | 45 | 0.39 | |
| Paris | 29.85 | 61 | SW | 3 | c | 30.04 | + 21 | 60 | 55 | — | 0 | W | 1 | c | * | * | * | 0.12 | |
| Lyons | 29.95 | 56 | N | 1 | r | 30.10 | + 09 | 55 | 53 | — | 1 | NNW | 1 | r | * | 64 | 51 | 0.39 | |
| Toulon | 30.14 | 62 | W | 7 | c | 30.14 | + 02 | 61 | 52 | + | 2 | NNW | 5 | m | 4 | 68 | 54 | — | |

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|---|----|----|----|---|---|---|---|----|----|------|
| Hawes Junction | 28.59 | 54 | NNW | 2 | c | 28.65 | + | 12 | 49 | 45 | 3 | W | 2 | c | 59 | 45 | 0.03 |
|----------------|-------|----|-----|---|---|-------|---|----|----|----|---|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. |
|---------------|-------|------|------|-------|------|------|------------|-------|------|------|-------|------|------|
| Skudesnaes | 29.76 | 59 | 54 | SSE | 4 | c | Valencia | 30.04 | 61 | 59 | NNW | 3 | c |
| Sumburgh Head | 29.61 | 57 | 53 | SSE | 4 | bc | Scilly | 29.99 | 59 | 55 | NNW | 4 | c |
| Stornoway | 29.73 | 52 | 42 | WNW | 5 | om | Dover | 29.76 | 64 | 54 | NNW | 3 | b |
| Aberdeen | 29.69 | 57 | 55 | SSW | 1 | r | London | 29.80 | 63 | 54 | NNW | 3 | c |
| Shields | 29.74 | 54 | 54 | Z | 0 | r | Yarmouth | 29.72 | 62 | 57 | NNW | 3 | b |
| Ardrossan | 29.80 | 57 | 55 | WNW | 4 | c | Jersey | 29.89 | 60 | 55 | NNW | 4 | bc |
| Mullaghmore | 29.94 | 57 | 52 | WNW | 5 | cg | Roche fort | 29.97 | 65 | 60 | NNW | 7 | c |
| Holyhead | 29.89 | 59 | 55 | NNW | 4 | c | | | | | | | |

The barometer is falling a little at Rochefort, but rising at all our own stations, excepting Aberdeen, where the mercury is stationary. On our NE. coasts the wind has fallen light and variable, and rain has set in, but clearing. NW. breezes and fair but cloudy weather are still reported.

EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on

Thursday. 26th JULY.

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast;

thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.827 |
| Sornoway | 29.799 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrossan | 29.864 |
| Donaghadee | 29.878 |
| Holyhead | 29.913 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roche's Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.986 |
| Burgh Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Yarmouth | 29.934 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

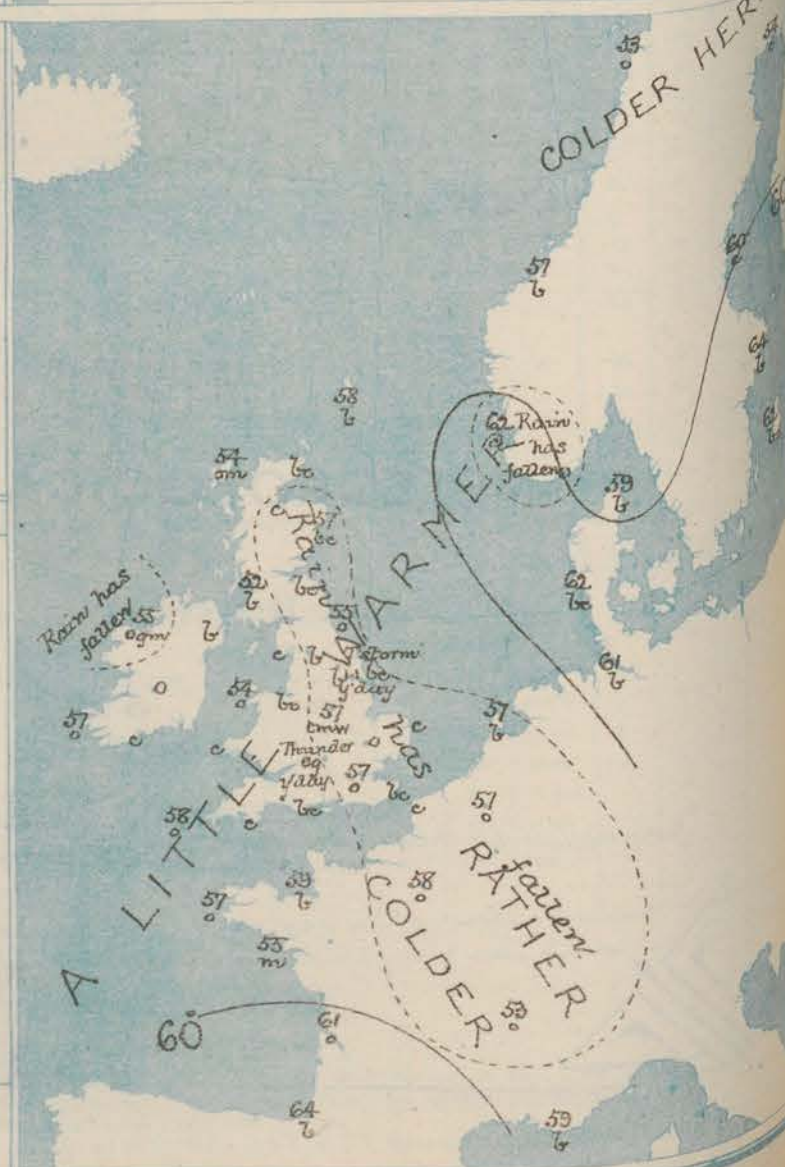
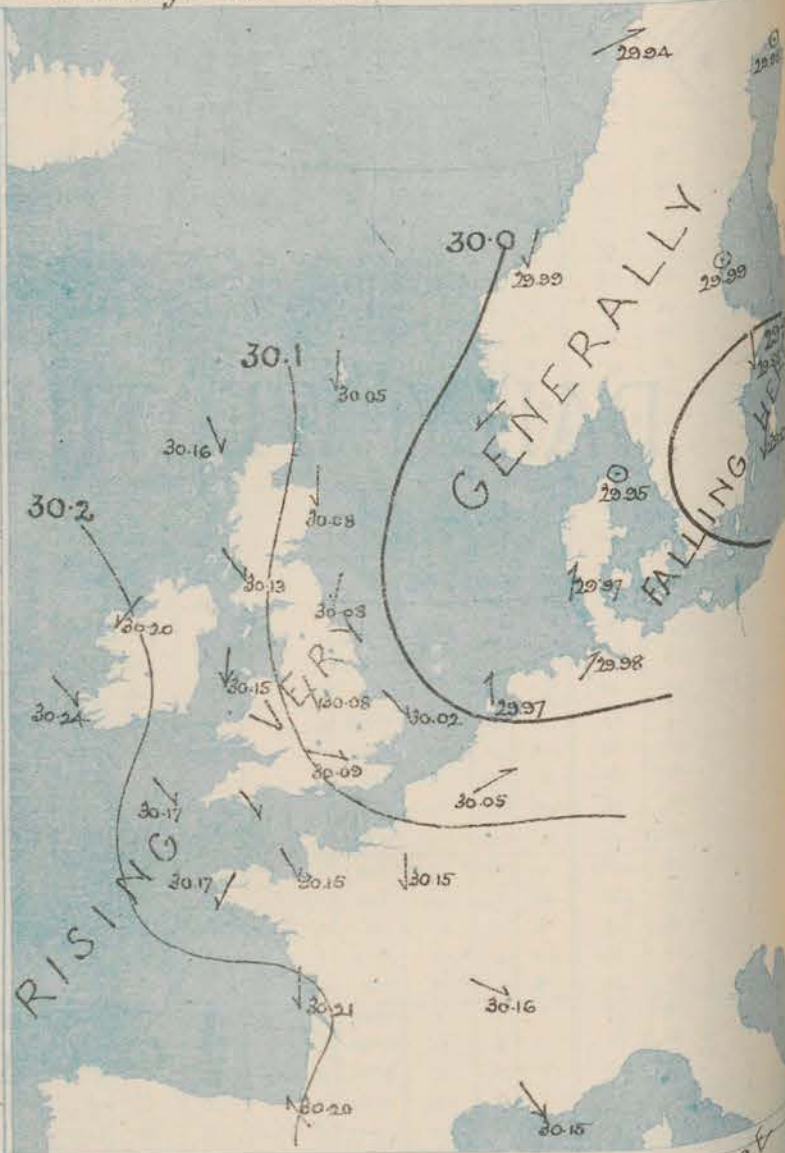
Falls of 0.5 in. or more, are quoted in figures.

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

for the month of July.

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| | ° | ins. |
| Sumburgh Head | 53.7 | 2.06 |
| Sornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.79 |
| Nairn | 57.4 | 2.55 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shields | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 57.8 | 2.82 |
| Donaghadee | 57.7 | 2.56 |
| Holyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roche's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Burgh Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.38 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for... *Thursday 26th July 1883 at 8 a.m.*

The distribution of pressure is very similar to that reported yesterday, the highest readings being found off our South-west coasts, and the lowest to the eastwards of our Islands.

The barometer has however risen generally, and pressure is rather more uniform than of late.

Light or moderate N^W or NW^W breezes prevail generally, with fair weather at the majority of stations, but a good deal of cloud locally. In the course of yesterday Showers fell in

the N. & E. of our Islands, with thunder in some places. At York a heavy thunderstorm occurred in the afternoon, the accompanying rainfall being as much as 1.1 in. Temperature

has risen a little, and now ranges from 61° at Liverpool and Hurst Castle to 52°

at Ardrossan. The highest maxima registered yesterday were 66° at Hurst Castle and

65° at several other of our Southern stations. The sea is slight or smooth generally.

FORECASTS

for the 24 hours ending at Noon
on the

27th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS.



DISTRICTS

FORECASTS

| | |
|--------------------|--|
| 1 SCOTLAND NORTH | N ^W winds, light or moderate; fair on the whole |
| 2 SCOTLAND EAST | — D — D — D — |
| 3 ENGLAND N.E. | — D — D — D — |
| 4 ENGLAND EAST | Same as N ^o 5 |
| 5 MIDLAND COUNTIES | Same as N ^o 5 |
| 6 ENGLAND SOUTH | N ^W winds, light; fair on the whole |

DISTRICTS

FORECASTS

| | |
|------------------|---|
| 6 SCOTLAND WEST | Same as N ^o 0 to 2 |
| 7 ENGLAND N.W. | Same as N ^o 0 to 2 |
| 8 ENGLAND S.W. | N ^W variable breezes, light; cloudy, some rain |
| 9 IRELAND NORTH | Same as N ^o 0 to 2 |
| 10 IRELAND SOUTH | Same as N ^o 0 to 2 |
| WARNINGS | None Issued |

METEOROLOGICAL OBSERVATIONS FOR 26th JULY

1883

| † 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 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 | 29.91 | 58 | SW | 2 | 0 | 29.98 | 00 | 54 | ? | — | 6 | Z | 0 | 0 | * | 64 | ? | — | |
| Hernösand | 29.95 | 57 | Z | 0 | 0 | 29.99 | + .07 | 60 | 57 | + | 1 | Z | 0 | 0 | * | 70 | 54 | — | |
| Stockholm | 29.96 | 59 | S | 2 | 0 | 29.98 | — .12 | 64 | 55 | — | 1 | N | 4 | 0 | * | 73 | 55 | — | |
| Wisby | 29.90 | 58 | E | 2 | 0 | 29.92 | — .09 | 62 | 59 | — | 0 | NNE | 6 | 0 | * | 72 | 54 | — | |
| Bodö | 29.89 | 58 | WSW | 2 | 0 | 29.94 | + .24 | 50 | 51 | — | 2 | WSW | 4 | 0 | 2 | 64 | 50 | — | |
| Christiansund | 29.97 | 56 | NNE | 2 | 0 | 29.99 | + .14 | 57 | 51 | + | 3 | NE | 2 | 0 | 2 | 61 | 46 | — | |
| † Skudesnaes | 29.96 | 60 | NNW | 2 | 0 | 29.92 | + .10 | 62 | 57 | + | 3 | ESE | 4 | 0 | 3 | 64 | ? | 0.16 | |
| Oxö (Xiänsund) | 29.89 | 58 | NNE | 4 | 0 | 29.93 | + .13 | 60 | 58 | + | 1 | SE | 2 | 0 | 3 | 61 | 55 | 0.28 | |
| Skagen (The Skaw) | 29.88 | 62 | SE | 2 | 0 | 29.95 | + .13 | 59 | 57 | — | 2 | Z | 0 | 0 | 0 | 72 | 55 | — | |
| Fanö | 29.89 | 57 | WSW | 4 | 0 | 29.97 | + .24 | 62 | 56 | + | 3 | SSW | 3 | 0 | * | 66 | 54 | — | |
| Cuxhaven | 29.90 | 59 | NNW | 1 | 0 | 29.98 | + .20 | 64 | 60 | + | 2 | SW | 1 | 0 | * | 65 | 52 | — | |
| † Sumburgh Head | 29.93 | 59 | NNW | 1 | 0 | 30.05 | + .26 | 58 | 54 | — | 0 | N | 3 | 0 | 1 | 61 | 50 | — | |
| † Stornoway | 29.92 | 54 | NNW | 4 | 0 | 30.16 | + .30 | 54 | 52 | — | 1 | NNW | 3 | 0 | 2 | 58 | 50 | — | |
| Wick | 29.97 | 56 | NE | 1 | 0 | 30.11 | + .31 | 60 | 57 | + | 5 | N | 4 | 0 | 2 | 62 | 50 | — | |
| Nairn | 29.98 | 56 | Z | 0 | 0 | 30.13 | + .34 | 54 | 51 | + | 2 | SW | 1 | 0 | 1 | 60 | 52 | 0.06 | |
| † Aberdeen | 29.94 | 56 | SE | 1 | 0 | 30.08 | + .30 | 57 | 54 | + | 1 | N | 4 | 0 | 1 | 64 | 50 | 0.25 | |
| Leith | 29.92 | 57 | NW | 1 | 0 | 30.09 | + .29 | 59 | 55 | + | 5 | NW | 1 | 0 | * | ? | 48 | 0.21 | |
| † Shields | 29.90 | 58 | NNE | 1 | 0 | 30.08 | + .25 | 55 | 53 | — | 0 | N | 2 | 0 | 2 | 60 | 48 | 0.13 | |
| Spurn Head | 29.92 | 57 | NW | 4 | 0 | 30.05 | + .19 | 56 | 54 | + | 1 | NNW | 4 | 0 | 2 | 60 | 55 | — | |
| York | 29.93 | 58 | NNW | 1 | 0 | 30.08 | + .21 | 56 | 53 | + | 2 | NNW | 2 | 0 | * | 63 | 47 | 1.09 | |
| Loughborough | 29.98 | 59 | NNW | 4 | 0 | 30.08 | + .15 | 57 | 54 | + | 3 | NNW | 2 | 0 | * | 62 | 51 | 0.02 | |
| † Ardrossan | 29.95 | 60 | NW | 1 | 0 | 30.13 | + .28 | 52 | 52 | — | 3 | NW | 1 | 0 | 1 | 60 | 51 | — | |
| † Mullaghmore | 30.10 | 57 | NNW | 5 | 0 | 30.20 | + .19 | 55 | 53 | — | 0 | NE | 2 | 0 | 2 | 59 | 53 | — | |
| Donaghadee | 30.03 | 57 | NNE | 5 | 0 | 30.15 | + .20 | 58 | 54 | + | 4 | NE | 5 | 0 | 3 | 61 | 50 | — | |
| Parsonstown | 30.12 | 59 | NNW | 2 | 0 | 30.22 | + .17 | 54 | 51 | — | 1 | NW | 1 | 0 | * | 62 | 51 | — | |
| Barrow-in-Furness | 29.95 | 59 | NW | 3 | 0 | 30.10 | + .22 | 54 | 52 | — | 0 | NE | 2 | 0 | 3 | 60 | 49 | — | |
| † Holyhead | 30.03 | 57 | NNW | 2 | 0 | 30.15 | + .17 | 54 | 52 | — | 0 | N | 5 | 0 | 4 | 62 | 53 | 0.01 | |
| Liverpool (Bidston) | 29.99 | 56 | N | 4 | 0 | 30.10 | + .17 | 61 | 57 | + | 8 | NNW | 1 | 0 | 2 | 61 | 53 | — | |
| † Valencia | 30.16 | 58 | NNW | 2 | 0 | 30.24 | + .15 | 57 | 55 | — | 1 | NW | 1 | 0 | 1 | 62 | 52 | — | |
| Roche's Point | 30.10 | 62 | NNW | 3 | 0 | 30.21 | + .16 | 58 | 55 | + | 2 | N | 2 | 0 | 3 | 65 | 62 | — | |
| Pembroke | 30.07 | 57 | N | 2 | 0 | 30.16 | + .16 | 56 | 53 | + | 1 | NNW | 2 | 0 | 1 | 58 | 54 | — | |
| † Scilly | 30.10 | 60 | NNW | 1 | 0 | 30.07 | + .11 | 58 | 57 | + | 1 | NW | 1 | 0 | 2 | 62 | 55 | — | |
| Prawle Point | 30.10 | 58 | NNW | 3 | 0 | 30.16 | + .14 | 58 | 56 | — | 0 | NW | 1 | 0 | 2 | 63 | 54 | — | |
| Hurst Castle | 30.03 | 63 | NNW | 3 | 0 | 30.11 | + .13 | 61 | 55 | + | 3 | NNW | 2 | 0 | 2 | 66 | 50 | 0.04 | |
| † Dover | 29.99 | 59 | WSW | 1 | 0 | 30.07 | + .12 | 57 | 53 | — | 6 | NW | 2 | 0 | 1 | 64 | 54 | — | |
| † London | 30.07 | 62 | N | 2 | 0 | 30.09 | + .12 | 57 | 53 | — | 0 | NNW | 2 | 0 | * | 65 | 51 | 0.07 | |
| Oxford | 30.04 | 54 | WSW | 1 | 0 | 30.10 | + .13 | 56 | 53 | + | 2 | NW | 1 | 0 | * | 62 | 51 | 0.01 | |
| Cambridge | 29.99 | 58 | NW | 1 | 0 | 30.08 | + .10 | 57 | 55 | — | 0 | N | 1 | 0 | * | 65 | 50 | 0.16 | |
| † Yarmouth | 29.93 | 58 | WSW | 2 | 0 | 30.02 | + .15 | 57 | 54 | + | 3 | NW | 3 | 0 | 2 | 61 | 50 | 0.04 | |
| The Helder | 29.95 | 57 | N | 1 | 0 | 29.97 | + .14 | 57 | 55 | — | 1 | S | 1 | 0 | 0 | 61 | 52 | — | |
| Cape Gris Nez | 30.01 | 59 | WSW | 5 | 0 | 30.08 | + .17 | 57 | 54 | — | 0 | N | 5 | 0 | 4 | 63 | 54 | — | |
| † Jersey | 30.09 | 59 | NNW | 3 | 0 | 30.15 | + .11 | 59 | 55 | + | 2 | NNW | 2 | 0 | 2 | 62 | 52 | — | |
| Brest | 30.15 | 57 | N | 3 | 0 | 30.17 | + .05 | 57 | 55 | + | 1 | NE | 3 | 0 | 2 | 64 | 54 | — | |
| Lorient | 30.19 | 60 | NNW | 5 | 0 | 30.19 | + .02 | 55 | 55 | — | 1 | NE | 3 | 0 | 2 | 64 | 54 | — | |
| † Rochefort | 30.18 | 64 | NW | 5 | 0 | 30.21 | + .03 | 61 | 60 | + | 2 | N | 1 | 0 | 2 | 70 | 52 | — | |
| Biarritz | 30.19 | 64 | NW | 3 | 0 | 30.20 | + .04 | 62 | 59 | + | 1 | SE | 3 | 0 | 1 | 70 | 57 | — | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.04 | |
| Brussels | * | * | * | * | * | 30.05 | + .11 | 57 | 55 | + | 3 | WSW | 4 | 0 | * | 63 | 54 | 0.24 | |
| Charleville | 29.62 | 57 | NW | 1 | 0 | 30.10 | ? | 50 | 51 | + | 2 | NW | 1 | 0 | * | 58 | 42 | 0.08 | |
| Paris | 30.00 | 64 | NW | 4 | 0 | 30.15 | + .11 | 58 | 55 | — | 2 | N | 3 | 0 | * | * | * | 0.09 | |
| Lyons | 30.10 | 65 | NNW | 1 | 0 | 30.16 | + .06 | 53 | 53 | — | 2 | NW | 1 | 0 | * | 68 | 53 | — | |
| Toulon | 30.15 | 66 | NW | 7 | 0 | 30.15 | + .01 | 57 | 51 | — | 2 | NW | 5 | 0 | ? | ? | ? | — | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.72 | 51 | N | 2 | 0 | 28.87 | + .22 | 62 | 50 | + | 3 | NNW | 2 | 0 | * | 55 | 44 | 0.22 | |

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

| | Bar. | Dry. | Wet. | Wind. | Woa. | Sea. | | Bar. | Dry. | Wet. | Wind. | Woa. | Sea. | |
|----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|---|
| Skudesnaes ... | 29.84 | 64 | 50 | NW | 4 | 0 | 2 | Valencia ... | 30.15 | 59 | 57 | NW | 3 | 0 |
| Sumburgh Head | 29.89 | 58 | 55 | E | 2 | 0 | 2 | Scilly ... | 30.09 | 60 | 56 | W | 1 | 0 |
| Stornoway ... | 29.97 | 57 | 54 | NNW | 5 | 0 | 4 | Dover ... | 29.98 | 63 | 56 | SW | 4 | 0 |
| Aberdeen ... | 29.87 | 58 | 54 | SSE | 2 | 0 | 1 | London ... | 29.99 | 62 | 58 | NNW | 3 | 0 |
| Shields ... | 29.86 | 56 | 55 | NW | 2 | 0 | 2 | Yarmouth ... | 29.93 | 60 | 52 | W | 2 | 0 |
| Ardrossan ... | 29.90 | 59 | 57 | NNW | 4 | 0 | 2 | Jersey ... | 30.08 | 60 | 58 | W | 4 | 0 |
| Mullaghmore | 30.07 | 57 | 51 | NW | 5 | 0 | 4 | Rochefort ... | 30.19 | 66 | 64 | NW | 4 | 0 |
| Holyhead ... | 30.02 | 62 | 50 | NNW | 3 | 0 | 2 | | | | | | | |

The barometer is rising generally—most in the N, and readings are becoming rather uniform. of importance has taken place in the wind or weather.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; n. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

FRIDAY, 27TH JULY.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/ per quarter.
D^s D^s Bookpost 5^s 11^s

ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

Friday

27th JULY.

1883

BAROMETER, WIND & SEA.

Explanation of Map.

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast, thus — Rough; — High.

MEAN^{*} HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations. | Mean Readings. |
|---------------|----------------|
| Sumburgh Head | 29 827 |
| Sornoway | 29 799 |
| Wick | 29 813 |
| Nairn | 29 824 |
| Aberdeen | 29 829 |
| Leith | 29 848 |
| Shields | 29 873 |
| York | 29 902 |
| Ardrossan | 29 869 |
| Donaghadee | 29 878 |
| Holyhead | 29 914 |
| Liverpool | 29 910 |
| Valencia | 29 944 |
| Roche's Point | 29 940 |
| Pembroke | 29 942 |
| Scilly | 29 926 |
| Hurst Castle | 29 961 |
| Dover | 29 959 |
| LONDON | 29 956 |
| Oxford | 29 941 |
| Cambridge | 29 937 |
| Yarmouth | 29 934 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

Explanation of Map.

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

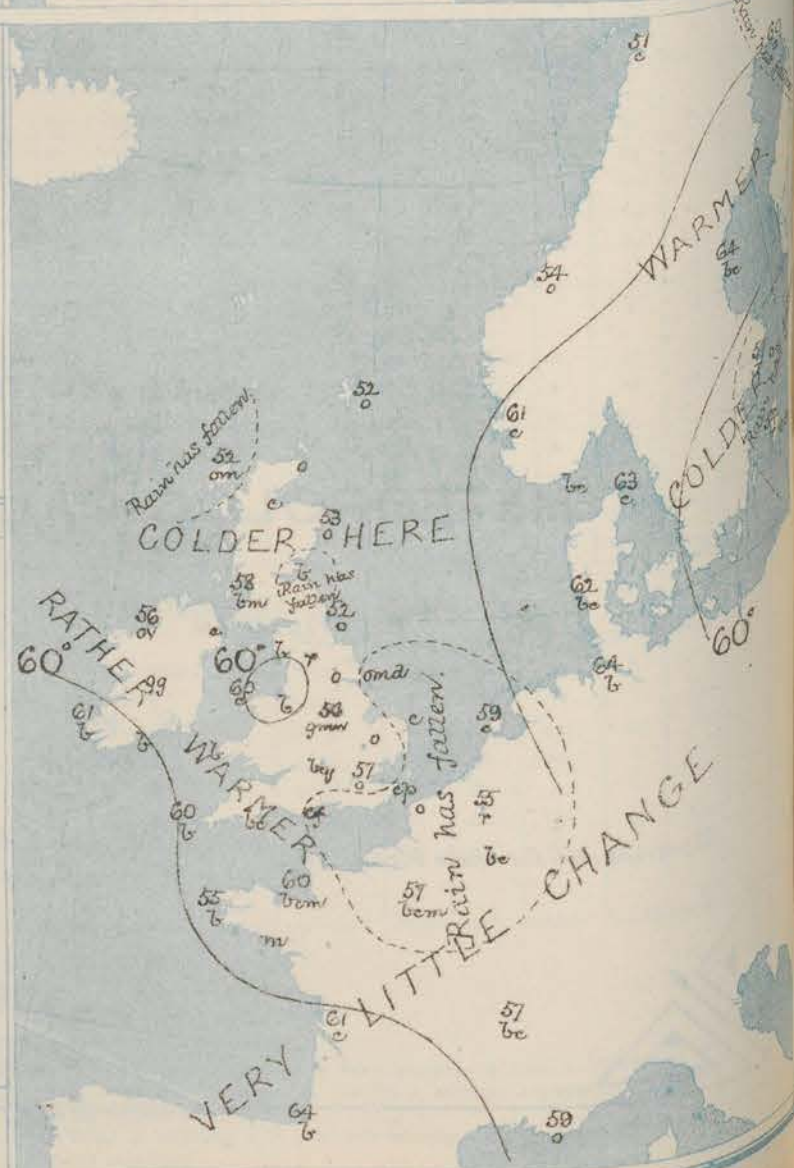
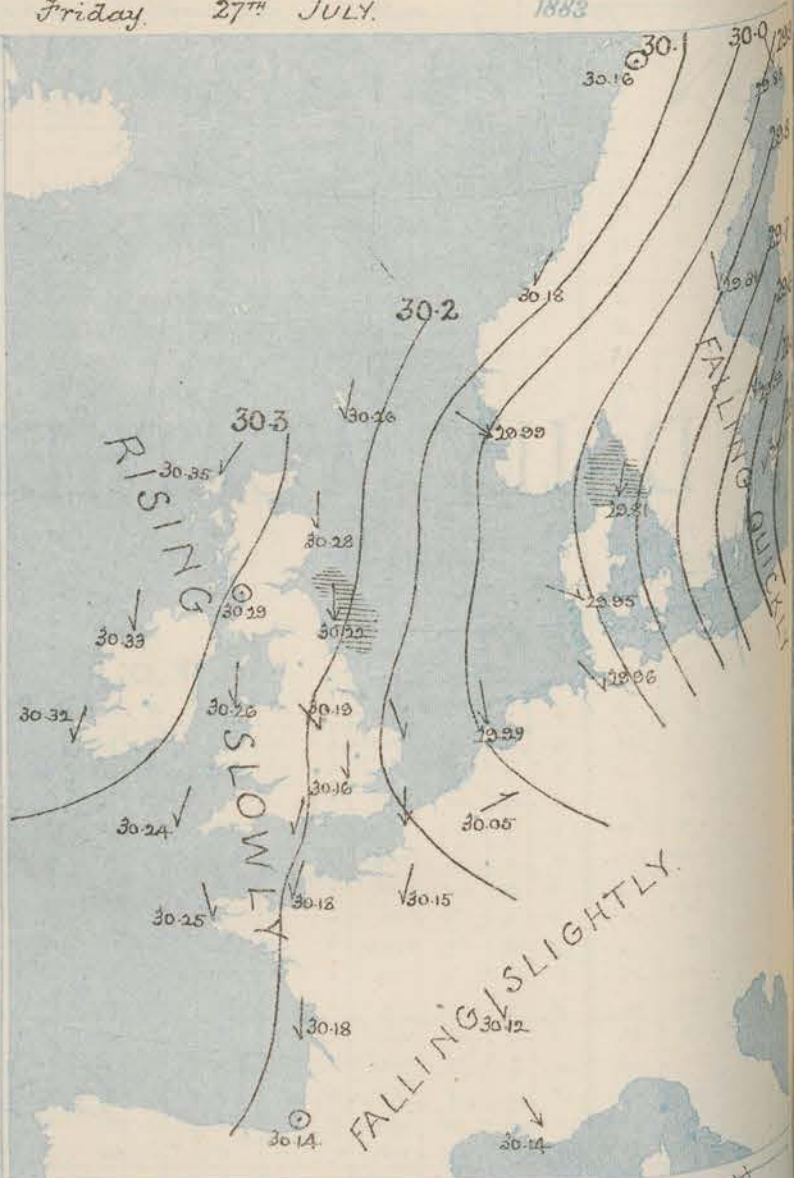
Falls of 0.5 in. or more, are quoted in figures.

MEANS^{*} OF TEMPERATURE AT 8 A.M. AND RAINFALL.

for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Sornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.55 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Shields | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 57.8 | 2.82 |
| Donaghadee | 57.7 | 2.66 |
| Holyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roche's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Scilly | 60.3 | 1.86 |
| Hurst Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 4.35 |
| Oxford | 60.4 | 2.80 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.47 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain are mainly these for the 15 years 1866 to 1880.



REMARKS

for Friday 27th July 1883 at 8 a.m.

Since yesterday morning the barometer has continued to rise in all parts of our Islands, and the highest pressures are now found off the West of Ireland and Scotland. In Scandinavia and Denmark, however, the mercury has fallen, so that gradient for Nth winds prevail generally. The wind, which is Nth over the whole of W^{est} Europe, varies in force from a light breeze at the Nth and Sth stations to a strong breeze along our East coast. The weather is fine in Denmark, France & the Sth of our Islands, cloudy & overcast elsewhere, with drizzle at Spurn Head, & passing showers at Dover. Temperature has fallen at all our more Nth stations, and now ranges from 61° at Liverpool and Valencia to 52° at Sumburgh Head, Stornoway and Shields. The highest maxima registered yesterday were 69° at Hurst Castle, 68° at Prawle Point and 67° in London and at Cambridge. The sea is rather rough at Shields, slight & smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

28th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

| DISTRICTS | FORECASTS |
|--------------------|---|
| 1 SCOTLAND NORTH | N th and NE th winds, moderate; cloudy. |
| 2 SCOTLAND EAST | N th winds, fresh or strong; cloudy generally, some rain |
| 3 ENGLAND N.E. | -----D-----D-----D----- |
| 4 ENGLAND EAST | -----D-----D-----D----- |
| 5 MIDLAND COUNTIES | Same as N ^o 5 |
| 6 ENGLAND SOUTH | N th winds, moderate; fair on the whole. Cool |

DISTRICTS

| DISTRICTS | FORECASTS |
|------------------|--|
| 6 SCOTLAND WEST | N th or NE winds, moderate; fair generally. |
| 7 ENGLAND N.W. | -----D-----D-----D----- |
| 8 ENGLAND S.W. | N th winds, moderate; fine |
| 9 IRELAND NORTH | Same as N ^o 6 and 7 |
| 10 IRELAND SOUTH | Same as N ^o 6 and 7 |
| WARNINGS | None Issued |

METEOROLOGICAL OBSERVATIONS FOR 27th JULY 1883

| 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. | Set. (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 | 29.94 | 62 | Z | 0 | o | 29.58 | - .10 | 60 | 58 | + | 6 | N | 4 | o | * | 66 | 55 | 0.08 | |
| Hernösand | 29.89 | 63 | Z | 0 | b | 29.81 | - .18 | 64 | 61 | + | 4 | N | 4 | bc | * | 73 | 46 | - | |
| Stockholm | 29.92 | 63 | N | 8 | o | 29.53 | - .35 | 57 | 57 | - | 7 | NNE | 6 | r | * | 72 | 57 | 0.83 | |
| Wisby | 29.63 | 57 | NE | 8 | r | 29.41 | - .41 | 54 | 54 | - | 8 | NE | 4 | r | * | 64 | 54 | 0.91 | |
| Bodö | 30.10 | 53 | Z | 0 | o | 30.16 | + | 22 | 51 | 49 | - | 2 | Z | o | c | 1 | ? | 46 | - |
| Christiansund | 30.10 | 56 | NNE | 5 | b | 30.18 | + | 19 | 54 | 51 | - | 3 | NE | 4 | o | 2 | 61 | 50 | - |
| †Skudesnaes | 30.03 | 62 | WNW | 2 | bc | 29.99 | + | 07 | 61 | 58 | - | 1 | NW | 6 | c | 3 | ? | 61 | - |
| Oxö (Christiansund) | 29.98 | 63 | WSW | 4 | c | 29.90 | - .03 | 65 | 60 | + | 5 | N | 2 | bc | 1 | 3 | 59 | - | |
| Skagen (The Skaw) | 29.94 | 60 | NW | 2 | c | 29.81 | - .14 | 63 | 57 | + | 4 | NNE | 5 | c | 5 | 66 | 57 | - | |
| Fanö | 30.01 | 54 | NW | 2 | c | 29.95 | - .02 | 62 | 57 | - | 0 | NW | 4 | bc | * | 66 | 52 | - | |
| Cuxhaven | 29.99 | 59 | NNE | 2 | b | 29.96 | - .02 | 64 | 61 | + | 3 | NW | 3 | b | * | ? | 52 | - | |
| †Sumburgh Head | 30.14 | 57 | N | 4 | bc | 30.26 | + | 21 | 52 | 51 | - | 6 | NNE | 4 | o | 3 | 62 | 50 | - |
| †Stornoway | 30.27 | 55 | NE | 3 | c | 30.35 | + | 19 | 52 | 50 | - | 2 | NE | 2 | om | 1 | 57 | 45 | 0.01 |
| Wick | 30.24 | 56 | NNE | 2 | bc | 30.31 | + | 20 | 53 | 52 | - | 7 | N | 1 | o | 0 | 60 | 49 | - |
| Nairn | 30.23 | 58 | NW | 1 | c | 30.32 | + | 19 | 53 | 50 | - | 1 | NW | 3 | c | 2 | 60 | 52 | ? |
| †Aberdeen | 30.16 | 60 | NNW | 4 | b | 30.28 | + | 20 | 53 | 51 | - | 4 | N | 4 | o | 4 | 63 | 50 | - |
| Leith | 30.19 | 64 | NE | 1 | bc | 30.28 | + | 19 | 53 | 50 | - | 6 | Z | o | b | * | ? | 45 | 0.01 |
| †Shields | 30.14 | 60 | NNE | 5 | bc | 30.22 | + | 14 | 52 | 52 | - | 3 | N | 6 | o | 5 | 61 | 51 | - |
| Spurn Head | 30.12 | 59 | NNW | 4 | b | 30.12 | + | 07 | 56 | 56 | - | 0 | NNW | 5 | omd | 3 | 61 | 55 | - |
| York | 30.15 | 61 | N | 2 | bc | 30.19 | + | 11 | 54 | 53 | - | 2 | N | 3 | o | * | 64 | 51 | - |
| Loughborough | 30.14 | 61 | N | 2 | bc | 30.19 | + | 11 | 56 | 53 | - | 1 | NW | 3 | omgr | * | 64 | 53 | - |
| †Ardrossan | 30.18 | 59 | NW | 1 | o | 30.29 | + | 16 | 58 | 55 | + | 6 | Z | o | bm | 0 | 63 | 50 | - |
| †Mullaghmore | 30.27 | 58 | NNW | 4 | og | 30.33 | + | 13 | 56 | 50 | + | 1 | N | 3 | ov | 2 | 61 | 54 | - |
| Donaghadee | 30.23 | 59 | NE | 5 | b | 30.30 | + | 15 | 54 | 53 | - | 4 | NE | 3 | c | 1 | 62 | 48 | - |
| Parsonstown | 30.26 | 59 | NW | 1 | o | 30.34 | + | 12 | 54 | 51 | - | 0 | Z | o | og | * | 61 | 49 | - |
| Barrow-in-Furness | 30.16 | 59 | NE | 2 | bc | 30.22 | + | 12 | 56 | 52 | + | 2 | WSW | 1 | b | 2 | 63 | 52 | - |
| †Holyhead | 30.23 | 56 | NNW | 2 | b | 30.26 | + | 11 | 60 | 57 | + | 6 | N | 1 | c | 2 | 60 | 50 | - |
| Liverpool (Bidston) | 30.18 | 60 | WNW | 2 | b | 30.23 | + | 13 | 61 | 56 | - | 0 | NNW | 1 | b | 2 | 63 | 54 | - |
| †Valencia | 30.28 | 60 | NNW | 1 | o | 30.32 | + | 08 | 61 | 57 | + | 4 | NNE | 1 | b | 1 | 64 | 49 | - |
| Roche's Point | 30.16 | 59 | NNW | 2 | c | 30.31 | + | 10 | 60 | 55 | + | 2 | NNE | 3 | b | 3 | 65 | 53 | - |
| Pembroke | 30.20 | 58 | NW | 2 | b | 30.25 | + | 09 | 57 | 54 | + | 1 | N | 3 | b | 1 | 60 | 51 | - |
| †Scilly | 30.22 | 60 | N | 3 | b | 30.24 | + | 07 | 60 | 56 | + | 2 | NNE | 3 | b | 2 | 61 | 55 | - |
| Prawle Point | 30.18 | 63 | NW | 3 | c | 30.26 | + | 10 | 60 | 56 | + | 2 | N | 2 | bc | 1 | 68 | 51 | - |
| Hurst Castle | 30.13 | 64 | W | 3 | c | 30.18 | + | 07 | 59 | 56 | - | 2 | NNE | 2 | cf | 2 | 69 | 51 | 0.08 |
| †Dover | 30.11 | 60 | WSW | 2 | b | 30.10 | + | 03 | 57 | 54 | - | 0 | N | 3 | cp | 1 | 65 | 53 | 0.02 |
| †London | 30.12 | 65 | NNW | 2 | bc | 30.16 | + | 07 | 57 | 54 | - | 0 | N | 2 | o | * | 67 | 48 | - |
| Oxford | 30.16 | 60 | NNW | 1 | o | 30.18 | + | 08 | 57 | 54 | + | 1 | NNW | 4 | bc | * | 65 | 52 | - |
| Cambridge | 30.10 | 57 | N | 1 | b | 30.13 | + | 05 | 57 | 55 | - | 0 | N | 1 | o | * | 67 | 48 | - |
| †Yarmouth | 30.08 | 59 | NW | 3 | bc | 30.07 | + | 05 | 57 | 55 | - | 0 | NNW | 4 | c | 4 | 61 | 54 | 0.01 |
| The Helder | 30.01 | 58 | NNW | 3 | o | 29.99 | + | 02 | 59 | 50 | + | 2 | NNW | 1 | c | 1 | 63 | 55 | 0.08 |
| Cape Gris Nez | 30.12 | 60 | W | 5 | bc | 30.10 | + | 02 | 56 | 54 | - | 1 | N | 5 | o | 4 | 64 | 55 | - |
| †Jersey | 30.17 | 61 | NW | 2 | b | 30.18 | + | 03 | 60 | 58 | + | 1 | NNE | 2 | bm | 2 | 63 | 53 | - |
| Brest | 30.23 | 60 | N | 3 | b | 30.25 | + | 08 | 55 | 54 | - | 2 | NNW | 1 | b | 2 | 70 | 53 | - |
| Lorient | 30.19 | 64 | WNW | 4 | b | 30.25 | + | 06 | 52 | 52 | - | 3 | N | 4 | m | 2 | 72 | 48 | - |
| †Rochefort | 30.20 | 64 | WNW | 3 | o | 30.18 | - | 03 | 61 | 59 | - | 0 | N | 3 | c | 2 | 70 | 54 | - |
| Biarritz | 30.15 | 67 | N | 5 | b | 30.14 | - | 06 | 64 | 63 | - | 0 | SE | 1 | b | 1 | 68 | 61 | - |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | - |
| Brussels | * | * | * | * | * | 30.05 | .00 | 55 | 54 | - | 2 | WSW | 3 | r | * | 63 | 52 | 0.28 | |
| Charleville | 30.13 | 57 | NW | 1 | c | 30.12 | + | 02 | 51 | 49 | - | 1 | N | 1 | bc | * | 64 | 48 | 0.04 |
| Paris | 30.15 | 63 | NNW | 3 | c | 30.15 | .00 | 57 | 54 | - | 1 | NNE | 3 | bm | * | * | * | - | |
| Lyons | 30.13 | 63 | NNW | 1 | bc | 30.12 | - | 04 | 57 | 52 | + | 4 | NW | 1 | bc | * | 69 | 57 | - |
| Toulon | 30.16 | 65 | W | 5 | bc | 30.14 | - | 07 | 59 | 52 | - | 0 | NW | 5 | o | 3 | 70 | 55 | - |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.95 | 53 | N | 2 | o | 29.01 | + | 14 | 50 | 49 | - | 2 | N | 2 | p | * | 60 | 47 | 0.11 |

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

| | Bar. | Dry. | Wet. | Wind. | Wob. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wob. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 30.01 | 65 | 59 | WSW | 2 | o | 2 | Valencia ... | 30.27 | 61 | 59 | N | 2 | o | 2 |
| Sumburgh Head | 30.09 | 60 | 57 | NE | 4 | bc | 4 | Scilly ... | 30.20 | 61 | 56 | NNE | 2 | bc | 0 |
| Stornoway ... | 30.28 | 54 | 53 | NNW | 2 | r | 1 | Dover .. | 30.09 | 61 | 58 | WSW | 1 | cp | * |
| Aberdeen ... | 30.12 | 68 | 57 | N | 4 | b | 1 | London ... | 30.11 | 65 | 56 | WNW | 2 | c | 2 |
| Shields ... | 30.12 | 60 | 56 | NNE | 6 | b | 3 | Yarmouth ... | 30.06 | 61 | 56 | NW | 3 | bc | 2 |
| Ardrossan ... | 30.15 | 63 | 59 | NNW | 1 | c | 1 | Jersey ... | 30.17 | 62 | 58 | NW | 2 | b | 2 |
| Mullaghmore ... | 30.24 | 60 | 56 | N | 1 | om | 2 | Rochefort ... | 30.21 | 68 | 64 | W | 4 | o | |
| Holyhead ... | 30.16 | 54 | 53 | N | 4 | c | 3 | | | | | | | | |

The barometer continues to rise at all stations excepting Rochefort, where it has become stationary. N^l winds are reported generally, with fair weather in most places, but passing showers at Dover, and rain at Stornoway. Sea is slight at Holyhead and generally.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty; n. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SATURDAY, 28TH JULY.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

Subscriptions for these Reports are { Delivered by hand in City or at West End 10^s/per quarter.
D^s D^s Bookpost 5^s D^s



ROBERT H. SCOTT

(SECRETARY.)



Printed by J. Longfield, 11th St. Pall Mall, S. W. London.

WEATHER CHARTS

for 8 a.m. on

Saturday, 28th July.

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 forces thus, —

→ forces above 10; → forces 8 to 10

→ forces 5 to 7; → forces 1 to 4;

○ — dead calm.

Sea Disturbance, where considerable, is shown by shading round the coast;

thus — Rough; — High.

MEAN^s HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations. | Mean Readings |
|---------------|---------------|
| Sunburgh Head | 29 827 |
| Stornoway | 29 790 |
| Wick | 29 813 |
| Yarm | 29 829 |
| Aberdeen | 29 829 |
| Leith | 29 848 |
| Glasgow | 29 873 |
| York | 29 902 |
| Ardrossan | 29 884 |
| Dunaghead | 29 878 |
| Holyhead | 29 914 |
| Liverpool | 29 810 |
| Valencia | 29 946 |
| Roches Point | 29 940 |
| Pembroke | 29 942 |
| Sally | 29 966 |
| Burton Castle | 29 961 |
| Dover | 29 962 |
| LONDON | 29 955 |
| Oxford | 29 941 |
| Cambridge | 29 937 |
| Bournemouth | 29 939 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of weather at 8 a.m.

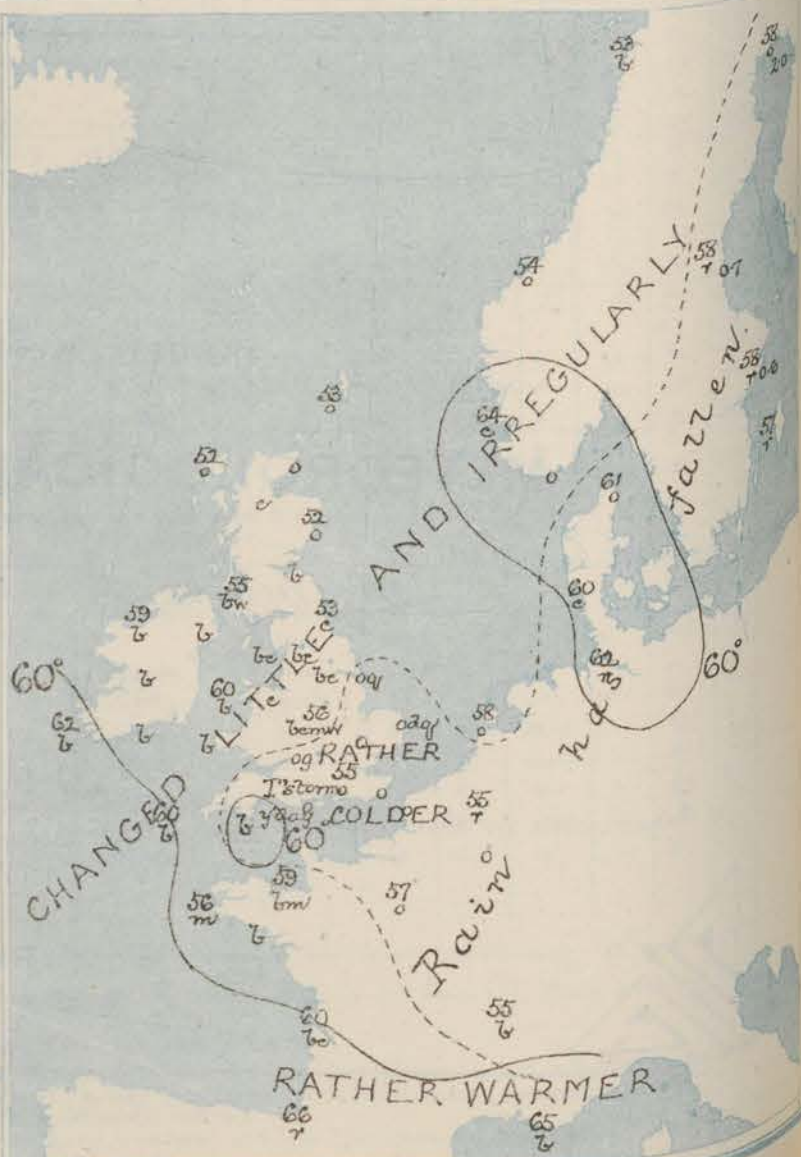
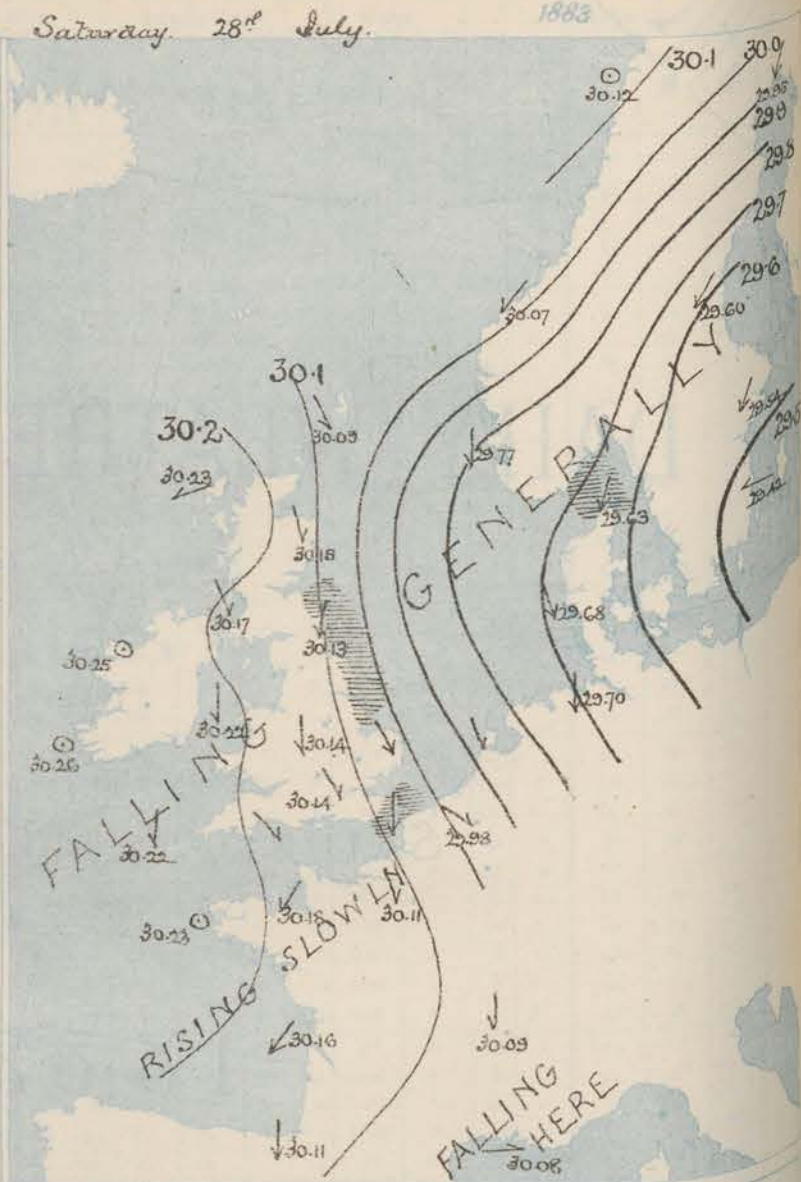
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

Falls of 0.5 in. or more, are quoted in figures.

MEANS^s OF TEMPERATURE AT 8 A.M. AND RAINFALL for the month of July.

| Stations. | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sunburgh Head | 53.7 | 2.05 |
| Stornoway | 55.4 | 3.00 |
| Wick | 56.2 | 2.79 |
| Yarm | 57.4 | 2.63 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.62 |
| Glasgow | 59.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 57.8 | 2.82 |
| Dunaghead | 57.7 | 2.56 |
| Holyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roches Point | 59.1 | 3.01 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Burton Castle | 61.7 | 2.37 |
| Dover | 63.0 | 1.52 |
| LONDON | 62.5 | 2.52 |
| Oxford | 60.7 | 2.66 |
| Cambridge | 61.3 | 2.41 |
| Bournemouth | 61.4 | 2.62 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880; the mean amounts of Rain, are mainly those for the 25 years 1865 to 1890.



REMARKS

for Saturday 29th July 1883 at 8 a.m.

The barometer is falling generally; and, while the highest pressures are still reported from our W^{co} coasts, and the lowest from the Baltic, one or two very shallow depressions have appeared over the North Sea. The wind is N^{ly} on almost all coasts, and varies in force from a light breeze in the West to a fresh or strong breeze in the N. + E. The weather is fine at the W^{co}, S. + most of the French stations, but cloudy or overcast elsewhere, with rain on the shores of the Baltic + also at Plymouth. Thunderstorms occurred yesterday at Prawle Point + Hurst Castle, and lightning was seen at Dover. Temperature remains very low at all our N. and E. stations, and readings now range from 53° at Prawle Point to 52° in the N. of Scotland. The highest maxima registered yesterday were 58° at Prawle Point + Hurst Castle; in the N. + E. of our Islands the thermometer did not exceed 60°. The sea is rough off the E. of England, slight or smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

29th July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING
DISTRICTS



DISTRICTS

| DISTRICTS | FORECASTS |
|--------------------|--|
| 1 SCOTLAND NORTH | N ^{ly} winds, strong; cloudy; probably some showers |
| 2 SCOTLAND EAST | -----D-----D-----D----- |
| 3 ENGLAND N.E. | -----D-----D-----D----- |
| 4 ENGLAND EAST | NW ^{ly} to N ^{ly} winds, fresh; cloudy; some showers |
| 5 MIDLAND COUNTIES | Same as N ^o 5 |
| 6 ENGLAND SOUTH | NW ^{ly} and N ^{ly} winds, moderate; fair generally |

DISTRICTS

| DISTRICTS | FORECASTS |
|------------------|--|
| 6 SCOTLAND WEST | Same as N ^{os} 4 + 5 |
| 7 ENGLAND N.W. | Same as N ^{os} 4 + 5 |
| 8 ENGLAND S.W. | N ^{ly} winds, light or moderate; fine |
| 9 IRELAND NORTH | -----D-----D-----D----- |
| 10 IRELAND SOUTH | -----D-----D-----D----- |
| WARNINGS | None Issued |

METEOROLOGICAL OBSERVATIONS FOR 28th JULY

1883

| STATIONS. | YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.95 | 60 | NE | 6 | b | 29.95 | + 07 | 58 | 54 | - 2 | NE | 6 | o | * | 64 | 55 | 2.00 | | |
| Hernösand | 29.99 | 60 | NNE | 6 | r | 29.60 | - 21 | 58 | 56 | - 6 | NE | 6 | r | * | 68 | 57 | 0.67 | | |
| Stockholm | 29.55 | 58 | NE | 6 | o | 29.84 | + 01 | 58 | 58 | + 1 | NE | 6 | r | * | 64 | 55 | 0.55 | | |
| Wisby | 29.47 | 55 | NE | 4 | f | 29.42 | + 01 | 57 | 57 | + 3 | E | 4 | r | * | 66 | 52 | 0.04 | | |
| Bodö | 29.17 | 54 | NNE | 2 | b | 30.12 | - 04 | 53 | 51 | + 2 | Z | 0 | b | 0 | 61 | 46 | - | | |
| Christiansund | 30.17 | 54 | NNE | 4 | b | 30.07 | - 11 | 54 | 50 | 0 | NE | 4 | o | 3 | 57 | 50 | - | | |
| †Skudesnaes | 29.83 | 61 | NH | 6 | bc | 29.77 | - 22 | 64 | 57 | + 3 | N | 4 | c | 3 | ? | 61 | - | | |
| Oxö (Xtiansund) | 29.77 | 71 | W | 1 | c | 29.72 | - 18 | 65 | 59 | 0 | NH | 2 | o | 1 | 72 | 55 | - | | |
| Skagen (The Skaw) | 29.71 | 61 | N | 6 | r | 29.63 | - 18 | 61 | 58 | - 2 | NNE | 5 | o | 5 | 64 | 54 | 0.08 | | |
| Fanö | 29.73 | 60 | NNW | 4 | c | 29.68 | - 27 | 60 | 59 | - 2 | NNW | 6 | c | * | 68 | 59 | 0.04 | | |
| Cuxhaven | 29.86 | 63 | NNW | 6 | r | 29.70 | - 26 | 62 | 62 | - 2 | N | 7 | r | * | 66 | 56 | 0.05 | | |
| †Sumburgh Head | 30.24 | 53 | NNE | 4 | o | 30.09 | - 17 | 53 | 51 | + 1 | NNW | 4 | o | 4 | 57 | 49 | - | | |
| †Stornoway | 30.34 | 54 | NE | 4 | o | 30.23 | - 12 | 52 | 49 | 0 | ENE | 4 | o | 3 | 55 | 46 | - | | |
| Wick | 30.31 | 52 | N | 4 | o | 30.18 | - 13 | 52 | 49 | - 1 | N | 7 | o | 0 | 54 | 49 | - | | |
| Nairn | 30.30 | 55 | NH | 1 | c | 30.22 | - 10 | 52 | 49 | - 1 | NH | 2 | c | 2 | 59 | 50 | - | | |
| †Aberdeen | 30.25 | 56 | NH | 4 | og | 30.15 | - 13 | 52 | 49 | - 1 | NNW | 4 | o | 2 | 58 | 49 | - | | |
| Leith | 30.24 | 59 | SE | 2 | b | 30.15 | - 13 | 56 | 53 | + 3 | NH | 1 | b | * | ? | 44 | - | | |
| †Shields | 30.23 | 55 | N | 6 | bc | 30.13 | - 09 | 53 | 51 | + 1 | NNE | 5 | c | 6 | 57 | 48 | - | | |
| Spurn Head | 30.16 | 52 | NNW | 6 | o | 30.09 | - 03 | 53 | 51 | - 3 | NNW | 6 | og | 6 | 59 | 51 | 0.02 | | |
| York | 30.23 | 56 | N | 3 | o | 30.14 | - 05 | 54 | 50 | 0 | NNW | 3 | bc | * | 59 | 50 | - | | |
| Loughborough | 30.20 | 58 | NNW | 4 | o | 30.14 | - 05 | 56 | 53 | 0 | NNH | 2 | bc | * | 63 | 48 | - | | |
| †Ardrossan | 30.24 | 61 | NNH | 1 | b | 30.17 | - 12 | 55 | 53 | - 3 | NH | 3 | bc | 2 | 68 | 49 | - | | |
| †Mullaghmore | 30.30 | 62 | NH | 1 | b | 30.25 | - 08 | 59 | 54 | + 3 | Z | 0 | b | 0 | 63 | 54 | - | | |
| Donaghadee | 30.28 | 60 | N | 4 | bc | 30.22 | - 08 | 58 | 55 | + 4 | NNH | 3 | b | 1 | 63 | 45 | - | | |
| Parsonstown | 30.28 | 67 | NH | 1 | b | 30.26 | - 08 | 55 | 52 | + 1 | Z | 0 | b | * | 67 | 43 | - | | |
| Barrow-in-Furness | 30.23 | 61 | NH | 2 | b | 30.17 | - 05 | 55 | 54 | - 1 | NH | 4 | bc | 2 | 65 | 51 | - | | |
| †Holyhead | 30.27 | 57 | N | 2 | b | 30.22 | - 04 | 60 | 55 | 0 | N | 2 | b | 3 | 63 | ? | - | | |
| Liverpool (Bidston) | 30.24 | 61 | NH | 2 | bc | 30.16 | - 07 | 57 | 56 | - 4 | NNW | 3 | c | 3 | 64 | 54 | - | | |
| †Valencia | 30.29 | 62 | NNH | 2 | c | 30.26 | - 06 | 62 | 56 | + 1 | Z | 0 | b | 1 | 66 | 55 | - | | |
| Roche's Point | 30.29 | 65 | NH | 2 | b | 30.26 | - 05 | 57 | 54 | - 3 | N | 2 | b | 2 | 66 | 54 | - | | |
| Pembroke | 30.23 | 60 | N | 2 | b | 30.22 | - 03 | 59 | 54 | + 2 | NNH | 2 | 3 | 1 | 60 | 52 | - | | |
| †Scilly | 30.24 | 59 | N | 4 | b | 30.22 | - 02 | 60 | 57 | 0 | N | 2 | b | 1 | 61 | 55 | - | | |
| Prawle Point | 30.20 | 63 | NH | 1 | b | 30.21 | - 05 | 63 | 58 | + 3 | NNH | 1 | b | 0 | 68 | 50 | 0.02 | | |
| Hurst Castle | 30.16 | 59 | NNE | 3 | c | 30.18 | - 06 | 53 | 52 | - 6 | NH | 1 | o | 1 | 68 | 49 | 0.07 | | |
| †Dover | 30.08 | 59 | NE | 3 | b | 30.08 | - 02 | 55 | 51 | - 2 | NNH | 3 | * | 1 | 63 | 51 | 0.21 | | |
| †London | 30.14 | 61 | NNH | 3 | c | 30.14 | - 02 | 55 | 50 | - 2 | NH | 2 | c | * | 64 | 52 | - | | |
| Oxford | 30.20 | 56 | N | 3 | bc | 30.15 | - 03 | 64 | 52 | - 3 | NH | 1 | og | * | 63 | 49 | 0.08 | | |
| Cambridge | 30.11 | 60 | N | 2 | r | 30.13 | - 00 | 64 | 51 | - 3 | N | 2 | * | * | 62 | 51 | 0.03 | | |
| †Yarmouth | 30.08 | 57 | NNH | 4 | og | 30.03 | - 04 | 53 | 52 | - 4 | NH | 5 | og | 4 | 62 | 52 | - | | |
| The Helder | 29.95 | 59 | NNH | 4 | o | 29.86 | - 13 | 53 | 56 | - 1 | NNH | 4 | o | 3 | 61 | 57 | - | | |
| Cape Gris Nez | 30.08 | 59 | NNH | 5 | c | 30.09 | - 01 | 55 | 55 | - 1 | NNH | 7 | c | 5 | 64 | 54 | - | | |
| †Jersey | 30.17 | 62 | N | 3 | bc | 30.18 | - 00 | 59 | 55 | - 1 | NNE | 3 | bc | 5 | 66 | 58 | - | | |
| Brest | 30.22 | 59 | N | 3 | b | 30.23 | - 02 | 56 | 55 | + 1 | Z | 0 | m | 2 | 61 | 52 | - | | |
| Lorient | 30.20 | 63 | NNE | 4 | o | 30.25 | - 00 | 56 | 54 | + 4 | NE | 4 | b | 1 | 68 | 50 | - | | |
| †Rochefort | 30.13 | 66 | NH | 7 | b | 30.16 | - 02 | 60 | 58 | - 1 | NE | 5 | bc | 2 | 72 | 52 | - | | |
| Biarritz | 30.12 | 66 | N | 4 | bc | 30.11 | - 03 | 66 | 59 | + 2 | N | 5 | r | 2 | 72 | 57 | - | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.09 | | |
| Brussels | * | * | * | * | * | 29.98 | - 07 | 55 | 53 | 0 | WNH | 3 | r | * | 66 | 54 | 0.08 | | |
| Charleville | 30.02 | 60 | NH | 1 | b | 30.02 | - 10 | 54 | 52 | + 3 | W | 1 | o | * | 60 | 56 | 0.04 | | |
| Paris | 30.07 | 64 | NH | 1 | bc | 30.11 | - 04 | 57 | 54 | 0 | NNH | 3 | c | * | * | 58 | 0.08 | | |
| Lyons | 30.06 | 58 | WNH | 3 | o | 30.09 | - 03 | 55 | 52 | - 2 | N | 3 | b | * | 66 | 50 | - | | |
| Toulon | 30.09 | 66 | W | 7 | bc | 30.08 | - 06 | 65 | 55 | + 6 | H | 4 | b | 2 | 70 | 50 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.00 | 57 | N | 1 | b | 28.92 | - 09 | 52 | 51 | + 2 | N | 1 | bc | * | 58 | 45 | - | | |

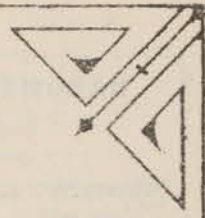
YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|
| Skudesnaes | 29.89 | 63 | 59 | NH | Y | bc | 3 | Valencia | 30.32 | 62 | 57 | NH | 2 |
| Sumburgh Head | 30.25 | 56 | 53 | NNE | H | o | 3 | Scilly | 30.24 | 60 | 60 | NNE | 5 |
| Stornoway | 30.36 | 53 | 51 | NE | 3 | omv | 2 | Dover | 30.08 | 61 | 57 | NH | 4 |
| Aberdeen | 30.27 | 58 | 54 | N | 4 | o | 2 | London | 30.14 | 57 | 56 | NH | 3 |
| Shields | 30.23 | 57 | 54 | N | 7 | o | 5 | Yarmouth | 30.07 | 61 | 57 | NNE | 4 |
| Ardrossan | 30.29 | 63 | 60 | SW | 1 | b | 1 | Jersey | 30.17 | 65 | 59 | NNE | 3 |
| Mullaghmore | 30.32 | 62 | 56 | ? | 3 | bcv | 2 | Rochefort | 30.16 | 71 | 64 | NH | 5 |
| Holyhead | 30.28 | 59 | 55 | NNE | 2 | b | 3 | | | | | | |

The changes in pressure since the morning are exceedingly slight, but the N³ winds along the E. coast of England have increased somewhat. The weather is fine in the N. and SW., but dull elsewhere, with drizzling rain in London, and showers at Dover.

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; n. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).



DAILY WEATHER REPORT

FOR

SUNDAY 29TH JULY,

1883.


ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.


S. W.

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ROBERT H. SCOTT

(SECRETARY.)



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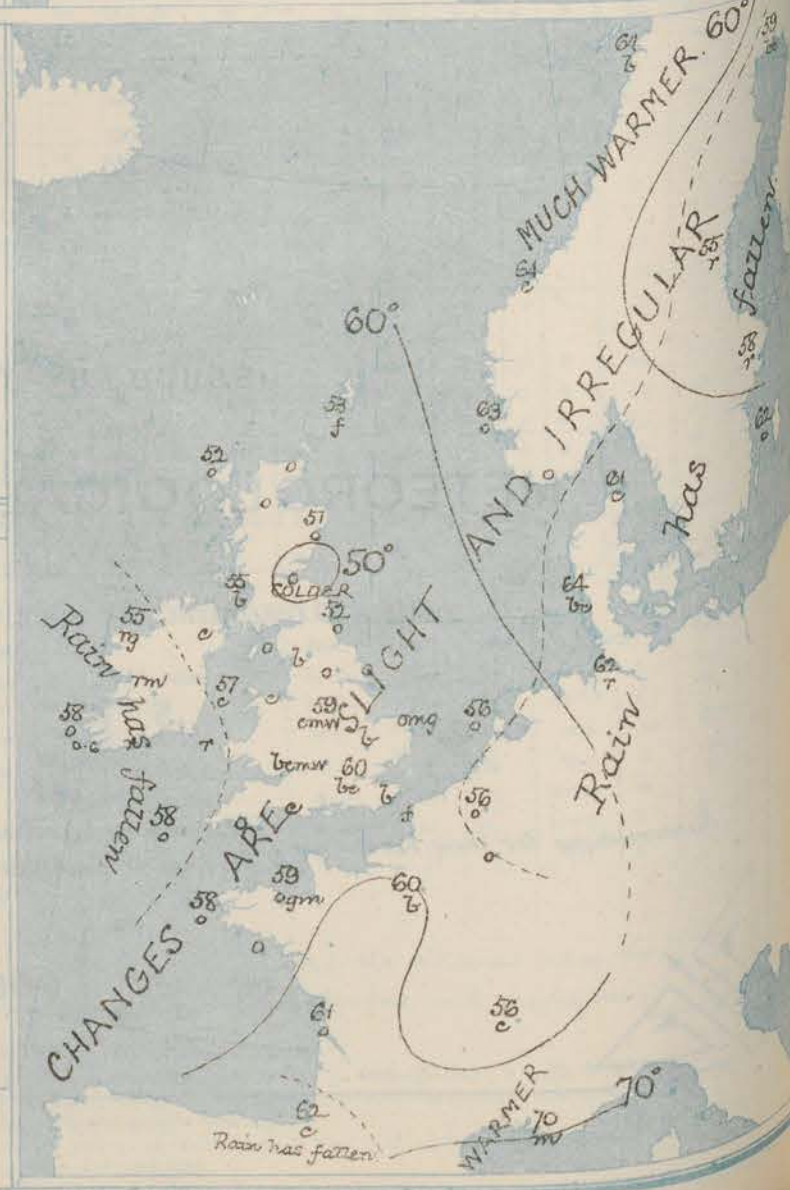
1883

Explanation of Map

thus  - Rough;  - High.

at 8 a.m. for the month of July

* These means are for the 10 years 1871 to 1880.



REMARKS

for Sunday 29th July 1883 at 8 a.m.

In the course of the past 24 hours the barometer has fallen generally - most on our N. coast - and, while the lowest readings are still found over the south of Sweden, a depression is apparently advancing towards Ireland from the N^W. Light or moderate N^W or N N^W winds are reported from our northern coasts and the eastern shore of the North Sea, but at the more southern stations the wind is N^W, while in the N. it is S^W or SE^W. Fair weather is reported from the central part of England, but elsewhere the sky is cloudy or overcast, with rain at several of the N^W stations. Temperature has risen in the S and SE, but fallen elsewhere, and readings now range from 60° at Dover and in London to 49° at Leith. The highest maxima registered yesterday were 73° at Hurst Castle, 72° in London and 70° at Loughborough and Oxford.

The sea is rather rough on the east coast of England, moderate or smooth elsewhere.

FORECASTS

for the 24 hours ending at Noon
on the

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS.



DISTRICTS

- 1 SCOTLAND NORTH
- 2 SCOTLAND EAST
- 3 ENGLAND N.E.
- 4 ENGLAND EAST
- 5 MIDLAND COUNTIES
- 6 ENGLAND SOUTH

FORECASTS

NONE ISSUED

DISTRICTS

- 6 SCOTLAND WEST
- 7 ENGLAND N.W.
- 8 ENGLAND S.W.
- 9 IRELAND NORTH
- 10 IRELAND SOUTH

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 22ND JULY

1883

| 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 | 29.87 | 58 | NE | 4 | r | 30.10 | + .23 | 59 | 58 | + | 1 | SE | 2 | c | * | 59 | 52 | 0.36 | | | | |
| Hernösand | 29.87 | 56 | NE | 4 | r | 29.92 | + .32 | 55 | 55 | - | 3 | NE | 4 | r | * | 61 | 54 | 0.32 | | | | |
| Stockholm | 29.64 | 57 | ESE | 6 | r | 29.73 | + .19 | 58 | 58 | 0 | 0 | E | 4 | r | * | 63 | 57 | 0.16 | | | | |
| Wisby | 29.52 | 58 | S | 4 | r | 29.63 | + .21 | 62 | 60 | + | 5 | SE | 4 | o | * | 63 | 50 | 0.28 | | | | |
| Bodo | 29.98 | 64 | NNE | 4 | b | 29.96 | - .02 | 64 | 64 | + | 11 | E | 4 | b | 2 | 66 | 52 | - | | | | |
| Christiansund | 29.91 | 54 | NNE | 4 | c | 29.75 | - .16 | 64 | 57 | + | 10 | E | 4 | c | 2 | 64 | 50 | - | | | | |
| †Skudesnaes | 29.71 | 63 | NN | 2 | o | 29.71 | - .00 | 63 | 60 | - | 1 | Z | 0 | o | 3 | 71 | 63 | - | | | | |
| Oslo (Christiansund) | 29.74 | 64 | NNE | 6 | o | 29.67 | - .07 | 60 | 58 | - | 5 | NNE | 4 | o | 3 | 66 | 59 | 0.08 | | | | |
| Skagen (The Skaw) | 29.63 | 62 | NNE | 4 | o | 29.58 | - .05 | 61 | 59 | 0 | 0 | NE | 4 | c | 4 | 68 | 57 | 0.10 | | | | |
| Faro | 29.66 | 60 | NNN | 4 | c | 29.61 | - .05 | 64 | 59 | + | 4 | NNN | 4 | c | * | 64 | 57 | 0.12 | | | | |
| Cuxhaven | 29.71 | 62 | NN | 6 | r | 29.64 | - .07 | 62 | 62 | 0 | 0 | NN | 6 | r | * | ? | 57 | - | | | | |
| †Sumburgh Head | 29.99 | 52 | NNE | 5 | o | 29.76 | - .23 | 50 | 50 | 0 | 0 | N | 2 | f | 4 | 59 | 49 | - | | | | |
| †Stornoway | 30.10 | 58 | NE | 4 | c | 29.85 | - .25 | 52 | 49 | 0 | 0 | NNE | 3 | o | 2 | 56 | 48 | - | | | | |
| Wick | 30.06 | 52 | NN | 2 | o | 29.72 | - .34 | 53 | 49 | + | 1 | N | 2 | o | 2 | 57 | 49 | - | | | | |
| Nairn | 30.07 | 53 | ESE | 1 | b | 29.57 | - .50 | 52 | 49 | 0 | 0 | NN | 2 | o | 3 | 60 | 51 | - | | | | |
| †Aberdeen | 30.03 | 57 | NN | 4 | c | 29.72 | - .31 | 51 | 48 | - | 1 | NNN | 2 | o | 2 | 59 | 49 | - | | | | |
| Leith | 30.02 | 57 | E | 1 | b | 29.36 | - .66 | 49 | 47 | - | 7 | Z | 0 | o | * | 62 | 45 | - | | | | |
| †Shields | 30.04 | 55 | NE | 5 | b | 29.57 | - .47 | 52 | 50 | - | 1 | Z | 0 | o | 5 | 57 | 50 | - | | | | |
| Spurn Head | 30.02 | 56 | N | 5 | b | 29.91 | - .11 | 55 | 52 | + | 2 | N | 3 | o | 5 | ? | 52 | - | | | | |
| York | ? | 64 | N | 2 | b | ? | ? | 55 | 52 | + | 1 | NNN | 1 | o | * | 66 | 48 | - | | | | |
| Loughborough | 30.04 | 65 | NNN | 4 | b | 29.93 | - .11 | 55 | 55 | + | 3 | N | 3 | c | * | 70 | 46 | - | | | | |
| †Ardrossan | 30.06 | 60 | NNN | 3 | b | 29.86 | - .20 | 55 | 53 | 0 | 0 | Z | 0 | b | 0 | 64 | 42 | - | | | | |
| †Mullaghmore | 30.11 | 61 | NNN | 1 | c | 29.80 | - .31 | 55 | 53 | - | 4 | SE | 5 | r | 3 | 63 | 52 | 0.10 | | | | |
| Donaghadee | 30.09 | 57 | NE | 5 | b | 29.88 | - .21 | 54 | 52 | - | 4 | E | 2 | c | 0 | 62 | 41 | - | | | | |
| Parsonstown | 30.11 | 57 | N | 1 | b | 29.87 | - .24 | 55 | 52 | 0 | 0 | ESE | 1 | r | * | 69 | 50 | - | | | | |
| Barrow-in-Furness | 30.05 | 60 | NN | 3 | b | 29.89 | - .22 | 58 | 56 | + | 3 | SW | 1 | o | 2 | 63 | 51 | - | | | | |
| †Holyhead | 30.11 | 61 | SW | 2 | b | 29.91 | - .20 | 57 | 58 | - | 3 | SSW | 3 | c | 3 | 64 | 50 | - | | | | |
| Liverpool (Bidston) | 30.08 | 62 | N | 3 | b | 29.90 | - .18 | 60 | 57 | + | 3 | SSW | 1 | c | 2 | 62 | 52 | - | | | | |
| †Valencia | 30.03 | 59 | SSE | 5 | c | 29.79 | - .24 | 58 | 57 | - | 4 | N | 3 | o | 3 | 64 | 55 | 0.64 | | | | |
| Roche's Point | 30.15 | 65 | SW | 2 | b | 29.80 | - .35 | 57 | 57 | 0 | 0 | SSE | 5 | r | 4 | 68 | 53 | 0.10 | | | | |
| Pembroke | 30.15 | 60 | NNN | 2 | b | 29.92 | - .23 | 56 | 55 | - | 3 | S | 2 | r | 1 | 61 | 45 | 0.02 | | | | |
| †Scilly | 30.18 | 60 | N | 1 | o | 29.73 | - .45 | 58 | 57 | - | 2 | SSW | 4 | o | 2 | 63 | 54 | 0.02 | | | | |
| Prawle Point | 30.15 | 63 | NNN | 2 | b | 30.01 | - .16 | 58 | 55 | - | 8 | NNN | 2 | o | 1 | 69 | 51 | - | | | | |
| Hurst Castle | 30.02 | 70 | NN | 4 | b | 30.00 | - .02 | 56 | 54 | + | 3 | N | 2 | c | 1 | 70 | 50 | - | | | | |
| †Dover | 30.05 | 58 | NNN | 3 | b | 29.95 | - .10 | 60 | 55 | + | 5 | Z | 0 | b | 0 | 61 | 52 | 0.01 | | | | |
| †London | 30.03 | 62 | N | 1 | c | 29.97 | - .06 | 60 | 54 | + | 5 | NNN | 2 | b | * | ? | 47 | - | | | | |
| Oxford | 30.06 | 62 | NN | 2 | b | 29.95 | - .11 | 58 | 55 | + | 4 | NNN | 1 | b | * | 70 | 49 | - | | | | |
| Cambridge | 30.04 | 63 | N | 1 | c | 29.93 | - .13 | 59 | 55 | + | 5 | N | 1 | b | * | 68 | 43 | - | | | | |
| †Yarmouth | 30.02 | 54 | NN | 4 | o | 29.92 | - .10 | 58 | 52 | 0 | 0 | N | 2 | c | 3 | 59 | 47 | 0.01 | | | | |
| The Helder | 29.85 | 54 | NNN | 5 | o | 29.77 | - .08 | 54 | 54 | - | 2 | NNN | 4 | o | 3 | 56 | ? | - | | | | |
| Cape Gris Nez | 30.07 | 60 | NNN | 4 | b | 29.97 | - .10 | 58 | 56 | + | 3 | N | 1 | f | 1 | 64 | 5 | - | | | | |
| †Jersey | 30.10 | 62 | NNN | 3 | b | 30.04 | - .06 | 59 | 58 | 0 | 0 | N | 3 | c | 3 | 65 | 54 | - | | | | |
| Brest | 30.21 | 59 | N | 4 | o | 30.08 | - .13 | 58 | 57 | + | 2 | SW | 4 | o | 3 | 63 | 55 | - | | | | |
| Lorient | 30.22 | 64 | NNN | 3 | c | 30.16 | - .06 | 57 | 56 | + | 1 | Z | 0 | o | 0 | 68 | 52 | - | | | | |
| †Rochefort | 30.16 | 66 | NN | 7 | b | 30.15 | - .01 | 61 | 59 | + | 1 | ESE | 3 | o | 2 | 70 | 52 | - | | | | |
| Biarritz | 30.15 | 66 | N | 5 | b | 30.14 | + .01 | 62 | 58 | - | 4 | S | 4 | c | 2 | 70 | 57 | 0.04 | | | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | 0.04 | | | | |
| Brussels | * | * | * | * | * | 29.95 | - .03 | 56 | 54 | + | 1 | NNN | 1 | o | * | 60 | 52 | - | | | | |
| Charleville | 30.04 | 57 | NNN | 7 | o | 30.01 | - .03 | 57 | 49 | - | 3 | NNN | 4 | o | * | 59 | 47 | - | | | | |
| Paris | 30.12 | 61 | NNN | 3 | c | 30.04 | - .08 | 60 | 56 | + | 3 | NN | 3 | b | * | * | * | - | | | | |
| Lyons | 30.06 | 60 | N | 1 | b | 30.12 | + .03 | 56 | 52 | + | 1 | NNN | 3 | c | * | 68 | 52 | - | | | | |
| Toulon | 30.04 | 66 | NN | 7 | m | 30.08 | - .04 | 70 | 61 | + | 5 | SE | 1 | m | 2 | 75 | 59 | - | | | | |
| HIGH LEVEL STATION. | | | | | | | | | | Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | |
| Hawes Junction | 29.82 | 62 | W | 1 | b | 29.66 | - .16 | 55 | 52 | + | 3 | S | 1 | b | 3 | 66 | 40 | - | | | | |

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

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | |
|----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|---|---|
| Skudesnaes ... | 29.73 | 71 | 60 | NN | 4 | o | 3 | Valencia ... | 30.22 | 61 | 57 | SSW | 4 | o | 4 |
| Sumburgh Head | 30.03 | 56 | 50 | NNN | 5 | o | 4 | Scilly ... | 30.23 | 62 | 59 | NNE | 1 | c | 1 |
| Stornoway ... | 30.16 | 55 | 51 | NE | 3 | c | 2 | Dover .. | 30.09 | 59 | 54 | NNN | 2 | c | 1 |
| Aberdeen ... | 30.08 | 58 | 53 | NNN | 6 | b | 4 | London ... | 30.09 | 68 | 67 | NNN | 3 | b | 5 |
| Shields ... | 30.09 | 56 | 50 | NE | 6 | b | 6 | Yarmouth ... | 30.03 | 56 | 53 | NN | 5 | c | 3 |
| Ardrossan ... | 30.11 | 63 | 62 | NNN | 3 | b | 2 | Jersey ... | 30.19 | 65 | 60 | NN | 3 | b | 2 |
| Mullaghmore | 30.18 | 62 | 57 | NNN | 2 | b | 1 | Rochefort ... | 30.19 | 68 | 65 | NN | 6 | b | 2 |
| Holyhead ... | 30.18 | 62 | 57 | NNN | 2 | b | 3 | | | | | | | | |

The depression lying to the E² of the North Sea is probably dissipating slowly, and although the barometer is falling a little more at coast, the said fall is apparently due to the advance of some new disturbance towards us from the Atlantic. The wind at Valencia has shifted to the S², but is NW² to NE elsewhere. The sea is slight at Holyhead; smooth at Dover.

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; o. overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 6 p.m. in our Islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

F O R

MONDAY. 30TH JULY.

1883.

ISSUED BY THE

METEOROLOGICAL OFFICE

116 Victoria St. LONDON.

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ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on

Monday, 30th JULY.

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast, thus — Rough, — High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July.

| Stations. | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.877 |
| Sornoway | 29.799 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrossan | 29.869 |
| Donaghadee | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.910 |
| Valencia | 29.944 |
| Roche's Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.906 |
| Harst Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.955 |
| Oxford | 29.943 |
| Cambridge | 29.937 |
| Yarmouth | 29.934 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

Temperature. Isotherms are drawn for each 10°.

Changes in temperature since previous morning are stated in words.

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

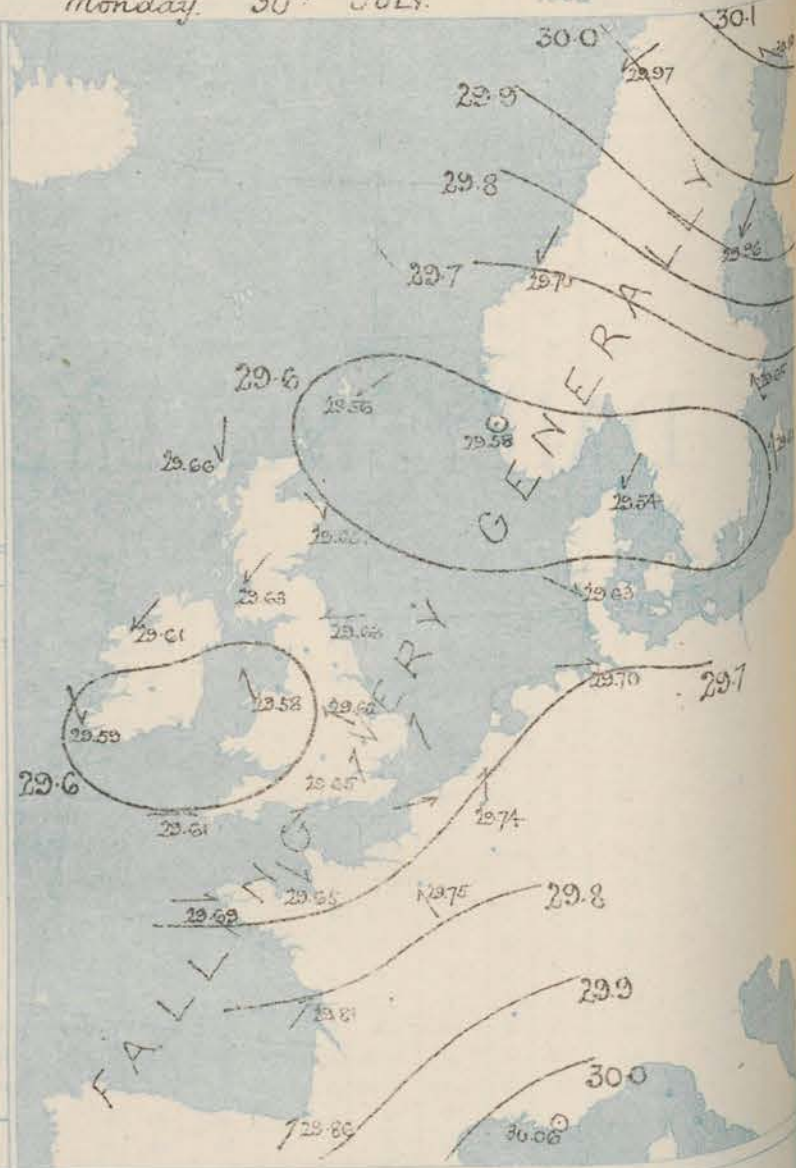
Falls of 0.5 in. or more, are quoted in figures.

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

for the month of July.

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 58.7 | 2.06 |
| Sornoway | 58.4 | 3.00 |
| Wick | 58.2 | 2.19 |
| Nairn | 57.4 | 2.45 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 59.1 | 2.07 |
| Shields | 58.8 | 2.56 |
| York | 59.7 | 2.41 |
| Ardrossan | 57.8 | 2.82 |
| Donaghadee | 57.7 | 2.56 |
| Holyhead | 58.3 | 2.19 |
| Liverpool | 59.8 | 3.01 |
| Valencia | 59.0 | 3.59 |
| Roche's Point | 59.7 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Harst Castle | 61.7 | 2.31 |
| Dover | 63.0 | 1.92 |
| LONDON | 62.5 | 2.38 |
| Oxford | 60.4 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Yarmouth | 61.4 | 2.62 |

* These mean 8 a.m. Temperatures are for the 10 years 1871 to 1880, the mean amounts of Rain are mainly those for the 15 years 1866 to 1880.



REMARKS

for... Monday 30th July 1883 at 8 a.m.

The depression which was approaching our W. coast yesterday proves to have been less important than was at first anticipated, and now has its centre over the St. George's Channel. A second area of low pressure is lying over the N. of Denmark & the N. portion of the North Sea, & under the combined influence of these two systems the barometer is falling generally. Light or moderate S.W. breezes are reported from our S. & the French stations, but in the N. and E. the wind is light & variable. The weather is cloudy or overcast generally, with rain over Central England, & showers at Valencia, Sicily, & Azores. In the course of the past 24 hours rain has fallen at all the W. & S. stations. Temperature ranges from 61° at Holyhead to 52° at Stromness. The highest maxima registered yesterday were 72° at Cambridge, 71° at London & 70° at York, Loughboro' & Harst Castle. The sea is slight or smooth on all our coasts.

FORECASTS

for the 24 hours ending at Noon
on the

31st July

(ISSUED AT 11 a.m. on previous day)

MAP SHOWING DISTRICTS.



DISTRICTS

| DISTRICTS | FORECASTS |
|--------------------|--|
| 1 SCOTLAND NORTH | Light variable airs; dull, some rain, thunder locally |
| 2 SCOTLAND EAST | -----D-----D-----D----- |
| 3 ENGLAND N.E. | -----D-----D-----D----- |
| 4 ENGLAND EAST | Same as N° 5 |
| 5 MIDLAND COUNTIES | Same as N° 5 |
| 6 ENGLAND SOUTH | S. breezes, falling light & variable, cloudy generally with some rain & probably thunder |

DISTRICTS

| DISTRICTS | FORECASTS |
|------------------|---|
| 6 SCOTLAND WEST | NE ^{ly} winds, light; cloudy, some rain |
| 7 ENGLAND N.W. | -----D-----D-----D----- |
| 8 ENGLAND S.W. | Light & somewhat variable breezes; dull, rain at times |
| 9 IRELAND NORTH | NE ^{ly} or N ^{ly} winds, moderate; cloudy, some showers |
| 10 IRELAND SOUTH | -----D-----D-----D----- |
| WARNINGS | None Issued |

METEOROLOGICAL OBSERVATIONS FOR 30th JULY 1883

| † YESTERDAY EVENING. | | | | | | | 9 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|--|--------------------|--------|----------------------|----------|---|---|-------------|------|---|--------|----------------------|----------|-------------------|-------------|------|------------------------|------|--|
| STATIONS. | Baromet. at 3 p.m. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 3). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dirac. | 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. | Dirac. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.12 | 60 | Z | 0 | b | 30.10 | 00 | 68 | 68 | + | 9 | SE | 2 | b | * | 72 | 50 | - | |
| Hernösand | 29.95 | 59 | Z | 0 | o | 29.96 | + 04 | 57 | 56 | + | 2 | NE | 6 | o | * | 63 | 52 | 0.47 | |
| Stockholm | 29.72 | 58 | ENE | 6 | r | 29.65 | - 08 | 60 | 58 | + | 2 | SSE | 6 | o | * | 66 | 57 | 0.47 | |
| Wisby | 29.55 | 60 | SE | 4 | r | 29.61 | - 08 | 62 | 68 | 0 | 5 | S | 4 | r | * | 66 | 54 | 0.35 | |
| Bodö | 29.99 | 65 | ENE | 2 | b | 29.97 | + 01 | 67 | 59 | + | 3 | ENE | 4 | b | 2 | 70 | 59 | - | |
| Christiansund | 29.65 | 65 | ENE | 4 | b | 29.70 | - 05 | 64 | 66 | 0 | NE | 4 | c | 2 | | 73 | 59 | - | |
| †Skudesnaes | 29.63 | 62 | NNW | 2 | o | 29.58 | - 03 | 63 | 60 | 0 | Z | 0 | o | 2 | | 68 | 63 | 0.43 | |
| Oxö (Xiansund) | 29.60 | 60 | N | 2 | o | 29.30 | - 11 | 60 | 59 | 0 | ENE | 6 | r | 3 | | 63 | 57 | 0.10 | |
| Skagen (The Skaw) | 29.55 | 62 | E | 3 | c | 29.54 | - 04 | 62 | 60 | + | 1 | NE | 2 | c | 1 | 75 | 61 | 0.12 | |
| Fanö | 29.61 | 59 | NW | 4 | c | 29.63 | + 02 | 62 | 59 | - | 2 | NNW | 4 | c | * | 68 | 59 | 0.08 | |
| Cuxhaven | 29.70 | 60 | NW | 4 | r | 29.70 | + 01 | 57 | 57 | - | 5 | W | 2 | bv | * | 63 | 54 | 0.02 | |
| †Sumburgh Head | 29.63 | 56 | N | 2 | f | 29.56 | - 10 | 54 | 54 | + | 1 | ENE | 2 | o | 2 | 57 | 55 | 0.02 | |
| †Stornoway | 29.75 | 58 | NE | 3 | omv | 29.66 | - 22 | 52 | 51 | 0 | N | 3 | mv | 2 | | 65 | 49 | - | |
| Wick | 29.67 | 53 | NW | 1 | o | 29.59 | - 23 | 54 | 53 | + | 1 | NW | 1 | o | 0 | 57 | 49 | 0.10 | |
| Nairn | 29.71 | 53 | ENE | 1 | c | 29.62 | - 26 | 54 | 52 | + | 2 | Z | 0 | o | 1 | 59 | 52 | - | |
| †Aberdeen | 29.71 | 57 | N | 1 | o | 29.62 | - 22 | 58 | 53 | + | 7 | NNW | 1 | c | 2 | 61 | 48 | - | |
| Leith | 29.68 | 59 | E | 1 | b | 29.62 | - 34 | 58 | 52 | + | 4 | Z | 0 | m | * | 66 | 48 | - | |
| †Shields | 29.73 | 55 | ESE | 4 | bc | 29.63 | - 24 | 53 | 52 | + | 1 | E | 1 | o | 3 | 56 | 57 | - | |
| Spurn Head | 29.74 | 57 | SSE | 3 | c | 29.65 | - 26 | 57 | 55 | + | 2 | SSW | 3 | c | 3 | 62 | 54 | 0.04 | |
| York | 29.73 | 66 | H | 1 | bc | 29.63 | ? | 57 | 54 | 0 | ESE | 1 | r | * | | 70 | 49 | 0.03 | |
| Loughborough | 29.77 | 61 | SW | 3 | o | 29.62 | - 31 | 57 | 54 | - | 4 | ESE | 2 | omv | * | 70 | 57 | - | |
| †Ardrossan | 29.68 | 66 | Z | 0 | b | 29.63 | - 23 | 56 | 54 | + | 1 | NE | 2 | bv | 1 | 66 | 49 | - | |
| †Mullaghmore | 29.58 | 58 | ESE | 5 | og | 29.61 | - 19 | 56 | 55 | + | 1 | NE | 4 | og | 3 | 58 | 54 | 0.13 | |
| Donaghadee | 29.70 | 56 | S | 2 | o | 29.62 | - 26 | 55 | 55 | + | 1 | ESE | 3 | o | 1 | 61 | 53 | 0.02 | |
| Parsonstown | 29.61 | 61 | H | 1 | o | 29.59 | - 22 | 57 | 55 | + | 2 | NW | 1 | o | * | 67 | 54 | 0.06 | |
| Barrow-in-Furness | 29.78 | 60 | NW | 1 | o | 29.60 | - 29 | 58 | 55 | 0 | NE | 2 | o | 2 | | 62 | 56 | - | |
| †Holyhead | 29.70 | 57 | S | 2 | mv | 29.58 | - 33 | 61 | 58 | + | 4 | SE | 2 | b | 3 | 62 | 57 | 0.06 | |
| Liverpool (Bidston) | 29.71 | 60 | SE | 1 | o | 29.58 | - 32 | 57 | 55 | - | 3 | ESE | 2 | o | 1 | 65 | 57 | - | |
| †Valencia | 29.70 | 60 | W | 3 | o | 29.59 | - 20 | 58 | 57 | 0 | NNW | 1 | op | 1 | | 63 | 57 | 0.02 | |
| Roche's Point | 29.69 | 58 | NNW | 4 | c | 29.60 | - 20 | 58 | 57 | + | 1 | W | 1 | c | 2 | 66 | 51 | 0.05 | |
| Pembroke | 29.67 | 58 | SW | 2 | o | 29.56 | - 36 | 57 | 56 | + | 1 | W | 1 | o | 2 | 59 | 52 | 0.10 | |
| †Scilly | 29.76 | 59 | WSW | 5 | op | 29.61 | - 32 | 58 | 57 | 0 | W | 2 | op | 4 | | 62 | 55 | 0.23 | |
| Prawle Point | 29.76 | 55 | S | 5 | o | 29.62 | - 30 | 58 | 56 | + | 1 | SSW | 2 | o | 3 | 58 | 53 | 0.08 | |
| Hurst Castle | 29.83 | 61 | SW | 4 | r | 29.63 | - 37 | 59 | 57 | + | 3 | SW | 3 | c | 3 | 70 | 57 | 0.11 | |
| †Dover | 29.83 | 60 | WSW | 4 | b | 29.65 | - 36 | 57 | 56 | - | 3 | SW | 4 | omv | 2 | 66 | 56 | 0.10 | |
| †London | 29.81 | 62 | SSW | 3 | o | 29.65 | - 32 | 58 | 55 | - | 2 | SSE | 2 | o | * | 71 | 54 | 0.03 | |
| Oxford | 29.76 | 58 | W | 1 | o | 29.61 | - 34 | 57 | 56 | - | 1 | NNW | 1 | o | * | 67 | 53 | 0.16 | |
| Cambridge | 29.50 | 64 | W | 1 | bc | 29.63 | - 30 | 59 | 57 | 0 | S | 1 | o | * | | 72 | 52 | - | |
| †Yarmouth | 29.79 | 62 | SE | 2 | bc | 29.67 | - 25 | 57 | 55 | + | 2 | SSE | 3 | omv | 3 | 62 | 54 | 0.04 | |
| The Helder | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.86 | 59 | WSW | 5 | o | 29.69 | - 28 | 58 | 57 | 0 | WSW | 5 | o | 4 | | 64 | 55 | 0.04 | |
| †Jersey | 29.83 | 59 | SW | 4 | o | 29.65 | - 29 | 56 | 56 | - | 3 | NNW | 2 | omv | 2 | 64 | 54 | 0.09 | |
| Brest | 29.52 | 59 | WSW | 4 | m | 29.69 | - 39 | 57 | 56 | - | 1 | W | 4 | r | 3 | 59 | 57 | 0.32 | |
| Lorient | 29.93 | 69 | SW | 7 | r | 29.74 | - 42 | 58 | 57 | + | 1 | NNW | 3 | o | 1 | 68 | 57 | 0.05 | |
| †Roche fort | ? | 66 | ? | 4 | o | 29.82 | - 34 | 61 | 60 | 0 | SW | 3 | o | 2 | | 73 | 54 | 0.24 | |
| Biarritz | 29.97 | 68 | NE | 1 | c | 29.86 | - 28 | 63 | 57 | + | 1 | SW | 1 | o | 2 | 72 | 57 | - | |
| Cornnna | * | * | * | * | * | | | * | * | | | | | | | * | * | - | |
| Brussels | * | * | * | * | * | 29.74 | - 21 | 58 | 56 | + | 2 | S | 2 | o | * | 67 | 57 | - | |
| Charleville | 29.90 | 66 | NNW | 4 | b | 29.82 | - 20 | 57 | 53 | + | 4 | NNW | 1 | o | * | 69 | 57 | 0.08 | |
| Paris | 29.92 | 67 | SW | 1 | c | 29.75 | - 29 | 60 | 57 | 0 | SSE | 4 | o | * | | * | * | - | |
| †Lyons | 29.96 | 62 | NNE | 1 | c | 29.87 | - 25 | 59 | 56 | + | 3 | SE | 1 | c | * | 69 | 56 | - | |
| Toulon | 30.12 | 66 | W | 1 | m | 30.06 | - 02 | 67 | 57 | - | 3 | Z | 0 | m | 1 | 79 | 61 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.52 | 58 | Z | c | b | 28.40 | - 26 | 51 | 50 | - | 4 | E | 1 | bv | * | 60 | 46 | - | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|----|----|---|---|---|---|----|----|----|---|
| Hawes Junction | 28.51 | 58 | Z | 0 | b | 28.40 | 57 | 56 | - | 4 | E | 1 | bc | 60 | 46 | - |
|----------------|-------|----|---|---|---|-------|----|----|---|---|---|---|----|----|----|---|

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

| Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. |
|---------------|------|------|-------|------|------|------|------|------------|-------|------|------|
| Skudesnaes | 7.97 | 68 | 63 | NNW | 3 | 0 | 2 | Valencia | | | |
| Sumburgh Head | | | | | | | | Scilly | | | |
| Stornoway | | | | | | | | Dover | | | |
| Aberdeen | | | | | | | | London | | | |
| Shields | | | | | | | | Yarmouth | | | |
| Ardrossan | | | | | | | | Jersey | | | |
| Mullaghmore | | | | | | | | Roche fort | 30.09 | 72 | 66 |
| Holyhead | | | | | | | | | | | |

EXPLANATION OF COLUMNS.

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

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

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

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



DAILY WEATHER REPORT

F O R

TUESDAY, 31ST JULY.

1883.

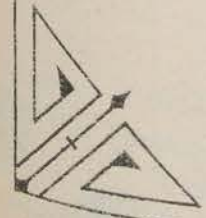
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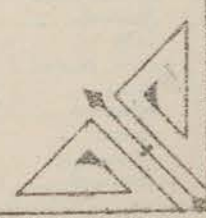
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ROBERT H. SCOTT

(SECRETARY.)



Printed by J. Longerfield, 11th St. Bedford St. London, W.C.

WEATHER CHARTS

for 8 a.m. on

Tuesday, 31st JULY.

1883

BAROMETER, WIND & SEA.

Explanation of Map

Barometer. Isobars are drawn for each tenth of an inch.

Changes in height of barometer 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 by shading round the coast; thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

at 8 a.m. for the month of July

| Stations | Mean Readings |
|---------------|---------------|
| Sumburgh Head | 29.837 |
| Stornoway | 29.790 |
| Wick | 29.813 |
| Nairn | 29.824 |
| Aberdeen | 29.829 |
| Leith | 29.848 |
| Shields | 29.873 |
| York | 29.902 |
| Ardrossan | 29.869 |
| Donaghadee | 29.878 |
| Holyhead | 29.914 |
| Liverpool | 29.930 |
| Valencia | 29.944 |
| Roche's Point | 29.940 |
| Pembroke | 29.942 |
| Sally | 29.966 |
| Burke Castle | 29.961 |
| Dover | 29.959 |
| LONDON | 29.963 |
| Oxford | 29.941 |
| Cambridge | 29.937 |
| Wormouth | 29.939 |

* These means are for the 10 years 1871 to 1880.

TEMPERATURE AND WEATHER with RAINFALL in PAST 24 HOURS.

Explanation of Map

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

Weather. Letters of the Beaufort Scale show state of Weather at 8 a.m.

Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

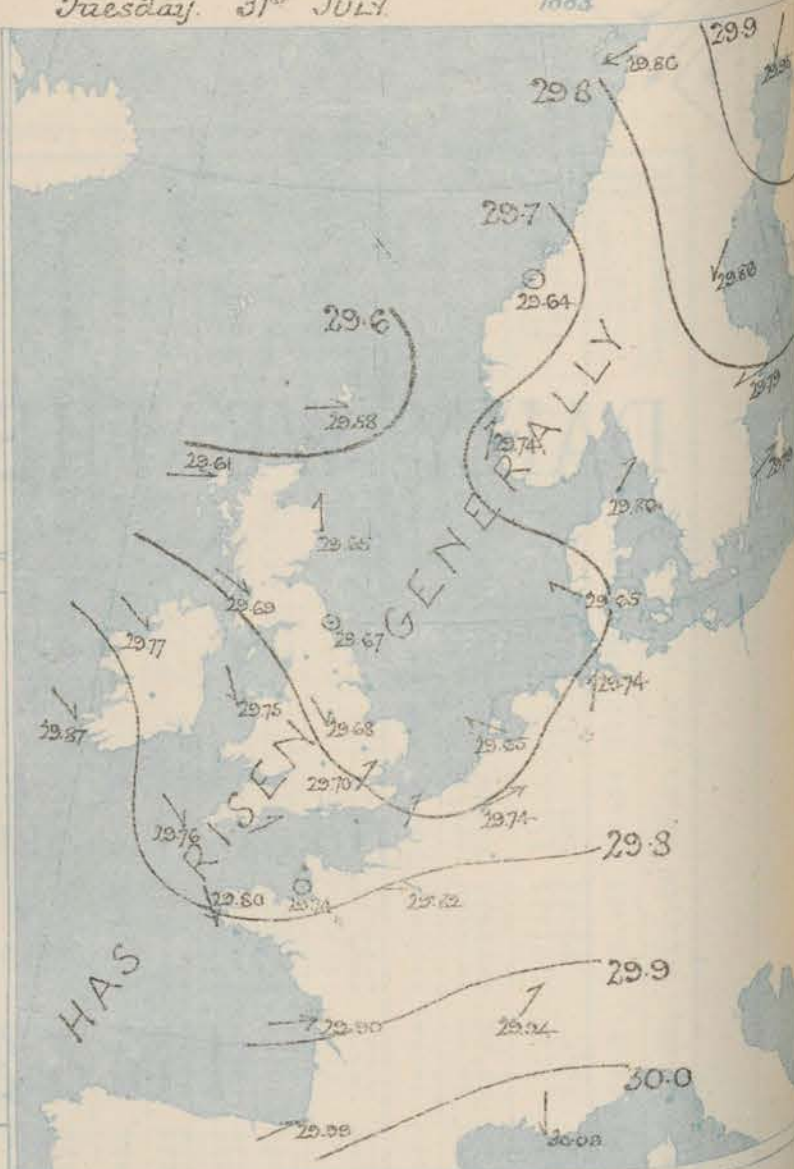
Falls of 0.5 in. or more, are quoted in figures.

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

for the month of July

| Stations | Temp. | Rainfall. |
|---------------|-------|-----------|
| Sumburgh Head | 53.7 | 2.06 |
| Stornoway | 56.4 | 3.00 |
| Wick | 56.2 | 2.19 |
| Nairn | 57.4 | 2.53 |
| Aberdeen | 57.9 | 2.60 |
| Leith | 58.1 | 2.62 |
| Shields | 58.8 | 2.66 |
| York | 59.7 | 2.41 |
| Ardrossan | 57.6 | 2.92 |
| Donaghadee | 57.7 | 2.66 |
| Holyhead | 58.4 | 2.19 |
| Liverpool | 59.8 | 3.09 |
| Valencia | 59.0 | 3.59 |
| Roche's Point | 59.1 | 3.07 |
| Pembroke | 58.5 | 2.12 |
| Sally | 60.3 | 1.96 |
| Burke Castle | 61.7 | 2.31 |
| Dover | 61.0 | 1.92 |
| LONDON | 62.6 | 2.36 |
| Oxford | 60.9 | 2.60 |
| Cambridge | 61.3 | 2.41 |
| Wormouth | 61.4 | 2.82 |

* These mean 8 a.m. Temperatures are from the 10 years 1871 to 1880; the mean amounts of Rain are mainly those for the 15 years 1868 to 1880.



REMARKS

for TUESDAY 31st JULY 1883 at 8 a.m.

The shallow depression which was travelling in an E^{ly} direction over our Islands yesterday has now reached the North Sea, where it is becoming filled up. The barometer is consequently rising over nearly the whole of our Islands and France, but is falling somewhat in Sweden and also at Stornorway. Temperature is inclined to rise over England, but is still low for the time of year. It was very high over the north of Scandinavia yesterday, the maximum at Bodo being 80° and that at Haparanda 77°. Light variable breezes and calms prevail over the north eastern and eastern parts of Great Britain, but on our western coasts the wind has veered to the NW^{ly}, and blows with moderate strength. The sea is smooth or nearly so except at Scilly and Holyhead, where it is moderate.

FORECASTS

for the 24 hours ending at Noon
on the

1st AUGUST

(ISSUED AT 11 a.m. on previous day)



DISTRICTS

FORECASTS

DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | SW ^{ly} and W ^{ly} breezes, moderate or fresh; some showers but otherwise fair. |
| 2 SCOTLAND EAST | Very light varying breezes; fine weather. |
| 3 ENGLAND N.E. | — |
| 4 ENGLAND EAST | Same as No. 5. |
| 5 MIDLAND COUNTIES | Same as Nos. 1 and 2. |
| 6 ENGLAND SOUTH | SW ^{ly} to W ^{ly} breezes, light; fine generally. |

| | |
|------------------|---|
| 6 SCOTLAND WEST | W ^{ly} (NW to SW) breezes, moderate; fair on the whole. |
| 7 ENGLAND N.W. | NW ^{ly} to W ^{ly} breezes, moderate; fair. |
| 8 ENGLAND S.W. | — |
| 9 IRELAND NORTH | NW ^{ly} to W ^{ly} or SW ^{ly} breezes, light; fine generally. |
| 10 IRELAND SOUTH | — |
| WARNINGS | None issued. |

METEOROLOGICAL OBSERVATIONS FOR 31st JULY

1883

| 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. | | Difference from 8 a.m. yesterday. | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.45 | 66 | Z | 0 | o | | 29.45 | - 15 | 71 | 63 | + | 3 | NE | 2 | b | * | 77 | 54 | - | |
| Hernösand | 29.87 | 57 | ENE | 2 | o | | 29.86 | - 10 | 60 | 59 | + | 3 | NE | 2 | o | * | 66 | 54 | 0.08 | |
| Stockholm | 29.75 | 59 | SE | 2 | o | | 29.79 | + | 14 | 60 | 59 | 0 | E | 2 | o | * | 64 | 57 | - | |
| Wisby | 29.74 | 59 | SW | 4 | r | | 29.79 | + | 18 | 61 | 59 | - | 1 | NSW | 4 | c | 68 | 54 | 0.39 | |
| Bodö | 29.85 | 74 | ENE | 4 | b | | 29.86 | - 11 | 66 | 61 | - | 1 | ENE | 4 | c | 1 | 81 | 54 | - | |
| Christiansund | 29.51 | 64 | N | 2 | b | | 29.64 | - 06 | 63 | 57 | - | 1 | Z | 0 | bc | 0 | 64 | 55 | - | |
| †Skudesnaes | 29.63 | 54 | NSW | 2 | r | | 29.74 | + | 16 | 59 | 55 | - | 4 | SSW | 4 | o | 4 | 63 | 59 | - |
| Oxö (Christiansund) | 29.64 | 60 | NSW | 4 | o | | 29.78 | + | 22 | 59 | 55 | - | 1 | SW | 2 | c | 2 | 66 | 65 | - |
| Skagen (The Skaw) | 29.68 | 61 | N | 2 | c | | 29.80 | + | 26 | 59 | 55 | - | 3 | SW | 2 | c | 1 | 68 | 52 | - |
| Fanö | 29.75 | 58 | S | 2 | o | | 29.65 | + | 02 | 64 | 61 | + | 2 | ESE | 4 | bc | * | 64 | 55 | - |
| Cuxhaven | 29.75 | 62 | SE | 1 | bc | | 29.74 | + | 04 | 60 | 60 | + | 3 | S | 1 | bc | * | 65 | 54 | 0.02 |
| †Sumburgh Head | 29.55 | 56 | ESE | 1 | o | | 29.58 | + | 02 | 53 | 53 | - | 1 | N | 2 | f | 2 | 60 | 52 | 0.01 |
| †Stornoway | 29.64 | 53 | NNN | 4 | m | | 29.61 | - 05 | 54 | 54 | + | 2 | N | 2 | m | 1 | 56 | 51 | 0.02 | |
| Wick | 29.61 | 54 | NW | 2 | o | | 29.61 | + | 02 | 56 | 55 | + | 2 | NSW | 1 | o | 0 | 57 | 50 | - |
| Nairn | 29.62 | 50 | Z | 0 | o | | 29.63 | + | 01 | 55 | 53 | + | 1 | N | 1 | o | 1 | 60 | 52 | 0.04 |
| †Aberdeen | 29.61 | 57 | SSW | 1 | o | | 29.65 | + | 03 | 59 | 52 | + | 1 | S | 1 | b | 1 | 60 | 52 | - |
| Leith | 29.59 | 60 | E | 1 | b | | 29.66 | + | 04 | 54 | 53 | + | 1 | N | 1 | m | * | 63 | 52 | - |
| †Shields | 29.62 | 55 | E | 3 | c | | 29.67 | + | 04 | 57 | 55 | + | 4 | Z | 0 | o | 3 | 57 | 52 | - |
| Spurn Head | 29.61 | 57 | E | 3 | c | | 29.67 | + | 02 | 56 | 56 | - | 1 | N | 2 | om | 2 | 60 | 5 | 0.06 |
| York | 29.61 | 61 | N | 1 | o | | 29.68 | + | 05 | 56 | 55 | + | 1 | N | 1 | o | * | 63 | 52 | 0.05 |
| Loughborough | 29.59 | 59 | Z | 0 | o | | 29.68 | + | 06 | 59 | 58 | + | 4 | NNW | 1 | ogm | * | 65 | 55 | 0.15 |
| †Ardrossan | 29.61 | 61 | NW | 1 | c | | 29.69 | + | 06 | 57 | 54 | + | 1 | NNW | 2 | c | 1 | 63 | 50 | - |
| †Mullaghmore | 29.68 | 58 | N | 5 | cn | | 29.77 | + | 16 | 5 | 52 | - | 1 | NW | 4 | og | 3 | 59 | 53 | - |
| Donaghadee | 29.64 | 59 | ENE | 5 | b | | 29.73 | + | 11 | 54 | 52 | - | 1 | N | 3 | o | 1 | 63 | 50 | - |
| Parsonstown | 29.64 | 62 | NNW | 1 | o | | 29.80 | + | 21 | 53 | 50 | - | 4 | Z | 0 | o | * | 65 | 51 | 0.19 |
| Barrow-in-Furness | 29.57 | 62 | NNN | 1 | o | | 29.65 | + | 05 | 57 | 55 | - | 1 | NW | 3 | om | 2 | 62 | 56 | - |
| †Holyhead | 29.60 | 58 | NE | 2 | m | | 29.75 | + | 07 | 54 | 51 | - | 7 | NNN | 3 | c | 4 | 63 | 54 | 0.02 |
| Liverpool (Bidston) | 29.59 | 62 | ESE | 1 | o | | 29.70 | + | 12 | 57 | 56 | — | 0 | NNW | 2 | o | 1 | 67 | 57 | - |
| †Valencia | 29.72 | 58 | NNW | 4 | o | | 29.87 | + | 28 | 58 | 54 | — | 0 | NW | 3 | c | 2 | 64 | 52 | - |
| Roche's Point | 29.65 | 62 | NNW | 2 | c | | 29.87 | + | 21 | 58 | 55 | — | 0 | NNW | 4 | bc | 3 | 65 | 52 | - |
| Pembroke | | | | | | | | | | | | | | | | | | | | |
| †Scilly | 29.61 | 63 | Z | 0 | c | | 29.76 | + | 15 | 60 | 58 | + | 2 | NW | 2 | o | 4 | 64 | 56 | - |
| Prawle Point | 29.62 | 59 | SW | 3 | c | | 29.74 | + | 12 | 59 | 57 | + | 3 | NSW | 2 | bc | 2 | 64 | 52 | - |
| Hurst Castle | 29.62 | 61 | NSW | 3 | bc | | 29.72 | + | 09 | 60 | 57 | + | 1 | NW | 2 | c | 2 | 66 | 50 | 0.01 |
| †Dover | 29.61 | 60 | NSW | 2 | b | | 29.69 | + | 04 | 60 | 58 | + | 3 | NSW | 3 | bc | 2 | 63 | 57 | - |
| †London | 29.62 | 60 | S | 2 | c | | 29.70 | + | 05 | 60 | 57 | + | 2 | SW | 2 | o | * | 66 | 54 | 0.03 |
| Oxford | 29.61 | 59 | Z | 0 | bc | | 29.70 | + | 09 | 57 | 56 | — | 0 | Z | 0 | og | * | 64 | 55 | 0.03 |
| Cambridge | 29.61 | 60 | SW | 1 | r | | 29.67 | + | 04 | 60 | 58 | + | 1 | SW | 1 | o | * | 65 | 54 | 0.01 |
| Yarmouth | 29.63 | 60 | SSE | 3 | bcn | | 29.67 | 00 | 60 | 59 | + | 5 | NSW | 1 | bc | 2 | 62 | 54 | 0.20 | |
| The Helder | 29.67 | 61 | ESE | 1 | o | | 29.65 | - 06 | 59 | 58 | + | 1 | ESE | 1 | r | 1 | 64 | 57 | - | |
| Cape Gris Nez | 29.65 | 63 | SW | 3 | c | | 29.71 | + | 02 | 59 | 57 | + | 1 | SW | 4 | o | 3 | 66 | 54 | 0.39 |
| †Jersey | 29.65 | 60 | NSW | 3 | bc | | 29.74 | + | 09 | 58 | 58 | + | 2 | SE | 1 | c | 2 | 64 | 58 | 0.25 |
| Brest | 29.75 | 60 | N | 4 | o | | 29.80 | + | 11 | 57 | 57 | — | 0 | NNW | 5 | c | 3 | 63 | 55 | 0.04 |
| Lorient | 29.75 | 71 | NNW | 7 | ? | | 29.87 | + | 07 | 59 | 57 | + | 1 | NNW | 5 | o | 2 | 66 | 54 | 0.17 |
| †Rochefort | 29.53 | 64 | N | 1 | c | | 29.40 | + | 09 | 60 | 59 | — | 1 | N | 5 | o | 3 | 68 | 55 | 0.27 |
| Biarritz | 29.96 | 65 | NW | 5 | r | | 29.99 | + | 13 | 63 | 59 | — | 0 | NSW | 5 | o | 3 | 68 | 59 | * |
| Corunna | * | * | * | * | * | | | | | * | | | | | | | * | * | * | 0.28 |
| Brussels | * | * | * | * | * | | 29.74 | 00 | 57 | 57 | - | 1 | NSW | 7 | o | * | 68 | 55 | 0.98 | |
| Charleville | 29.80 | 55 | SSE | 4 | o | | 29.82 | - 01 | 55 | 53 | — | 0 | S | 4 | o | * | 68 | 55 | 0.12 | |
| Paris | 29.70 | 62 | SW | 4 | c | | 29.82 | + | 07 | 60 | 56 | — | 0 | N | 5 | c | * | * | * | 0.20 |
| Lyons | 29.84 | 66 | N | 1 | r | | 29.94 | + | 07 | 59 | 5 | — | 0 | SSW | 1 | c | * | 76 | 59 | 0.08 |
| Toulon | 30.14 | 69 | N | 1 | m | | 30.09 | + | 03 | 63 | 59 | — | 4 | N | 3 | r | 1 | 79 | 59 | - |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.40 | 58 | E | 1 | b | | 28.47 | + | 07 | 58 | 56 | + | 7 | S | 2 | bm | * | 60 | 49 | - |

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|---------------|-------|------|-------|------|------|----|---|
| Skudesnaes ... | 29.57 | 63 | 60 | SW | 4 | o | 2 | Valencia ... | 29.67 | 61 | 59 | NNW | 3 | om | 4 |
| Sumburgh Head | 29.56 | 58 | 56 | ENE | 2 | c | 2 | Scilly ... | 29.61 | 62 | 59 | WSW | 2 | c | 2 |
| Stornoway ... | 29.66 | 56 | 51 | NNW | 4 | om | 3 | Dover .. | 29.64 | 63 | 61 | SW | 3 | b | # |
| Aberdeen ... | 29.62 | 58 | 55 | SSW | 3 | o | 1 | London ... | 29.61 | 65 | 58 | S | 3 | o | 4 |
| Shields ... | 29.62 | 57 | 55 | E | 3 | c | 3 | Yarmouth ... | 29.63 | 61 | 58 | SSE | 4 | bc | 3 |
| Ardrossan ... | 29.61 | 62 | 59 | WSW | 1 | c | 1 | Jersey ... | 29.64 | 62 | 58 | NNW | 3 | bc | 2 |
| Mullaghmore ... | 29.66 | 59 | 54 | N | 5 | ogm | 4 | Rochefort ... | 29.45 | 64 | 63 | W | 7 | c | |
| Holyhead ... | 29.58 | 60 | 57 | ENE | 1 | c | 2 | | | | | | | | |

The depression noticed in the H. this morning is moving slowly End, and a recovery of pressure has set in at the same time. The winds are very little changed, and cloudy weather is reported from all stations excepting Dover and Yarmouth, where the weather is moderately clear. Sea is smooth at Holyhead and Dover.

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; o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 8 p.m. in our islands (except at Oxford), at 8 p.m. (Christiania time) in Sweden, Norway, and Denmark, and at 7 p.m. (Paris time) in France. The Oxford observations are taken at 8 p.m.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR JULY 1883.

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

| DATE. | STATIONS. | + YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | | |
|-------|-----------------|------------------------------------|----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|-------------|------|---------------------|
| | | Barometer at 32° F. and Sea Level. | Temp in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. |
| | | | | Direc. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force. (0 to 12). | | | Max. | Min. | |
| | | | | | | | | | | | | | | | | | | |
| 21 | Balti | 30.12 | 54 | W | 2 | 0 | 30.13 | +0.1 | 53 | 49 | 0 | N | 2 | 0 | 1 | 55 | 50 | - |
| | Christiansburg | 30.05 | 60 | NNE | 2 | bc | 30.01 | -0.06 | 60 | 59 | -3 | SW | 2 | 0 | 1 | " | 54 | - |
| | Radisson | 30.04 | 63 | W | 2 | c | 30.07 | +0.1 | 60 | 57 | -7 | SSE | 2 | bc | 3 | " | 63 | - |
| | Corumna | * | * | * | * | * | 29.91 | ? | 65 | 64 | ? | NW | 1 | 0 | 1 | 79 | 59 | - |
| | Holston | 30.03 | 76 | SW | 1 | bc | 30.06 | 00 | 73 | 67 | 0 | W | 1 | bc | 1 | 82 | 61 | - |
| 3 | Corumna | * | * | * | * | * | 29.93 | +0.2 | 68 | 53 | +3 | N | 1 | bc | 2 | 75 | 55 | - |
| 4 | Corumna | * | * | * | * | * | 29.96 | +0.3 | 64 | 61 | -4 | NE | 1 | 0 | 0 | 75 | 54 | - |
| | Charlottesville | 29.97 | 79 | W | 1 | c | 29.96 | -0.06 | 69 | 63 | -1 | WSW | 3 | bc | " | 88 | 64 | - |
| 5 | Corumna | * | * | * | * | * | 29.83 | ? | 64 | 64 | 2 | S | 1 | bc | 0 | 77 | 57 | - |
| | Davis | 30.14 | 68 | S | 3 | bc | 29.88 | -1.0 | 69 | 60 | +5 | S | 3 | c | " | " | " | - |
| 12 | Shelbides | 29.60 | 64 | SW | 4 | bc | 29.65 | -1.3 | 61 | 58 | -1 | SW | 5 | c | 3 | 68 | 61 | 0.04 |
| | Corumna | - | - | - | - | - | 29.70 | - | 70 | 70 | - | S | 8 | bc | 4 | 79 | 64 | - |
| 13 | Shelbides | 29.52 | 59 | SSW | 1 | " | 29.60 | -0.5 | 61 | 58 | 0 | SW | 5 | c | 3 | 64 | 59 | 0.47 |
| 17 | Radisson | - | - | - | - | - | 29.69 | - | 56 | 51 | - | WSW | 5 | bc | 3 | - | - | - |
| 18 | Radisson | - | - | - | - | - | 29.58 | - | 64 | 58 | - | WNW | 4 | bc | 2 | - | - | - |
| 23 | Corumna | - | - | - | - | - | 29.73 | - | 64 | 62 | - | S | 1 | c | 0 | 66 | 55 | 0.55 |
| | Charlottesville | 29.79 | 62 | SW | 4 | c | 29.76 | -1.0 | ? | ? | ? | WNW | ? | ? | " | ? | ? | ? |
| 24 | Shelbides | 29.80 | 56 | SW | 1 | " | 29.69 | -1.3 | 57 | 55 | 0 | SSE | 1 | 0 | 1 | 63 | 54 | 0.16 |
| | Corumna | * | * | * | * | * | 30.07 | - | 66 | 61 | - | NW | 1 | 0 | 2 | 72 | 54 | 0.04 |
| 25 | Corumna | * | * | * | * | * | 30.03 | - | 67 | 63 | - | NE | 1 | 6 | ? | 68 | 52 | - |
| 26 | Corumna | * | * | * | * | * | 30.09 | - | 63 | 61 | - | N | 4 | c | ? | ? | 55 | - |
| 30 | Shelbides | 29.79 | 56 | W | 1 | 0 | 29.71 | -0.06 | 58 | 55 | - | SW | 1 | 0 | 1 | 59 | 52 | - |
| | Corumna | * | * | * | * | * | 29.90 | - | 61 | 60 | - | SW | 5 | c | 2 | 72 | 55 | 0.12 |
| 31 | Penhook | 29.59 | 59 | W | 1 | 6 | 29.73 | -1.7 | 56 | 54 | -1 | NW | 4 | c | 2 | 62 | 54 | - |

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 ins. |
|--------------------------|--------------------------------------|---|-----------------|----------|--------|---------------------------|-------------------|---|---------|--|---------------------------|
| | | | 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 ... | 29.727 | 54.2 | 49.3 | 58.3 | 53.8 | 41 | 14 th | 63 | 2 nd + 3 rd | 0.369 |
| | Wick ... | 29.740 | 55.4 | 48.4 | 61.0 | 54.7 | 35 | 15 th | 70 | 1 st | 0.371 |
| | Stornoway ... | 29.762 | 54.0 | 48.1 | 58.9 | 53.5 | 40 | 15 th | 69 | 5 th | 0.360 |
| 1. SCOTLAND, E. | Nairn ... | 29.758 | 55.7 | 51.1 | 62.9 | 57.0 | 39 | 15 th + 21 st | 76 | 1 st | 0.361 |
| | Aberdeen ... | 29.756 | 57.1 | 50.1 | 62.9 | 56.5 | 42 | 17 th | 72 | 8 th | 0.363 |
| | Leith ... | 29.759 | 56.6 | 49.4 | 64.0 | 56.7 | 44 | 23 rd + 28 th | 73 | 2 nd | 0.369 |
| 2. ENGLAND, N.E. | Shields ... | 29.774 | 56.4 | 50.0 | 62.1 | 56.1 | 43 | 15 th | 73 | 1 st | 0.382 |
| | York ... | 29.809 | 57.3 | 50.1 | 66.6 | 58.4 | 41 | 20 th | 76 | 2 nd | 0.374 |
| | Spurn Head ... | 29.809 | 57.8 | 53.4 | 63.6 | 58.5 | 49 | 17 th , 22 nd , 28 th | 73 | 8 th | 0.424 |
| 3. ENGLAND, E. | Yarmouth ... | 29.833 | 58.4 | 52.7 | 64.4 | 58.6 | 45 | 20 th + 23 rd | 73 | 1 st + 7 th | 0.410 |
| | Cambridge ... | 29.851 | 59.7 | 50.3 | 68.5 | 59.4 | 43 | 20 th , 23 rd + 29 th | 80 | 2 nd | 0.391 |
| 4. MIDLAND COUNTIES. | Loughborough ... | 29.837 | 57.4 | 51.2 | 66.9 | 59.1 | 41 | 24 th | 79 | 2 nd | 0.384 |
| | Oxford ... | 29.863 | 57.6 | 52.2 | 65.7 | 59.0 | 43 | 16 th | 79 | 2 nd | 0.384 |
| 5. ENGLAND S. | London ... | 29.880 | 59.9 | 52.5 | 68.6 | 60.6 | 43 | 16 th | 83 | 2 nd | 0.373 |
| | Dover ... | 29.874 | 60.2 | 54.6 | 64.8 | 59.7 | 48 | 16 th | 70 | 3 rd | 0.401 |
| | Hurst Castle ... | 29.892 | 58.5 | 53.9 | 65.6 | 59.8 | 46 | 16 th | 76 | 2 nd | 0.406 |
| 6. SCOTLAND, W. | Ardrossan ... | 29.774 | 55.9 | 51.0 | 61.7 | 56.4 | 42 | 29 th | 68 | 3 rd + 27 th | 0.395 |
| 7. ENGLAND, N.W. | *Hawes Junction ... | 28.575 | 53.1 | 46.8 | 59.6 | 53.2 | 37 | 15 th | 69 | 2 nd | 0.357 |
| | Barrow-in-Furness... | 29.791 | 56.4 | 53.4 | 62.1 | 57.9 | 48 | 15 th | 67 | 2 nd | 0.387 |
| | Liverpool Obs ^y (Bidston) | 29.810 | 57.5 | 53.4 | 63.5 | 58.5 | 48 | 15 th | 73 | 2 nd | 0.397 |
| | Holyhead ... | 29.825 | 56.6 | 50.1 | 61.1 | 58.1 | 52 | 22 nd | 65 | 8 th | 0.398 |
| 8. ENGLAND, S.W. | Pembroke ... | 29.845 | 56.0 | 53.4 | 59.4 | 56.4 | 48 | 15 th + 16 th | 62 | 8 th + 20 th | 0.394 |
| | Prawle Point ... | 29.904 | 57.0 | 52.1 | 62.8 | 57.5 | 47 | 15 th + 16 th | 69 | 24 th , 28 th + 31 st | 0.420 |
| 9. IRELAND, N. | Donaghadee .. | 29.799 | 56.0 | 49.1 | 61.4 | 55.3 | 40 | 23 rd | 65 | 7 th + 10 th | 0.388 |
| | Mullaghmore ... | 29.789 | 56.2 | 50.0 | 61.1 | 57.1 | 50 | 14 th , 16 th , 21 st , 23 rd | 65 | 3 rd + 8 th | 0.397 |
| 10 IRELAND, S. | Parsonstown ... | 29.834 | 55.4 | 50.0 | 63.2 | 56.6 | 43 | 15 th + 28 th | 69 | 8 th + 28 th | 0.266 |
| | Valencia ... | 29.851 | 57.3 | 52.2 | 61.6 | 56.9 | 45 | 28 th | 66 | 27 th | 0.424 |
| | Roche's Point | 29.845 | 57.0 | 51.6 | 63.0 | 57.3 | 47 | 15 th | 68 | 28 th | 0.391 |
| CHANNEL ISLANDS. | Scilly (St. Mary's)... | 29.883 | 58.4 | 54.4 | 61.7 | 58.1 | 50 | 15 th | 65 | 1 st , 3 rd , 9 th + 10 th | 0.430 |
| | Jersey (Noirmont)... | 29.930 | 58.5 | 54.5 | 64.2 | 59.4 | 49 | 15 th | 73 | 2 nd | 0.441 |

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

*Hawes Junction is 1,135 feet above mean Sea Level and the

STATIONS in the BRITISH ISLANDS during the month of JULY 1883.
at 8 a.m. daily.

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

| Stations. | Tension of Vapour | Relative Humidity | Rainfall | | Weather | | | | | | | Wind | | | | | | | | | | |
|--|-------------------|-------------------|-----------------|-------------------------|-------------------------------------|------|----------------|------|------|---------------|-----------|----------|-------|------------------------|------|------|------|-------|------|------|------|-------|
| | | | Amount of Cloud | Total Fall in the month | Maximum Fall in one day | Date | No. of Days of | | | | | | | No. of observations of | | | | | | | | |
| | | | | | | | Rain | Snow | Hail | Thunderstorms | Clear Sky | Overcast | Gales | North | N.E. | East | S.E. | South | S.W. | West | N.W. | Calms |
| ns. | | % | ins. | in. | | | | | | | | | | | | | | | | | | |
| 369 | 88 | 7.9 | 1.67 | 0.38 | 11 th | 19 | 0 | 0 | 0 | 2 | 16 | 0 | 9 | 9 | 4 | 3 | 2 | 0 | 3 | 1 | 0 | |
| 371 | 85 | 7.9 | 2.00 | 0.64 | 22 nd | 16 | 0 | 0 | 0 | 1 | 16 | 1 | 10 | 2 | 3 | 4 | 3 | 0 | 1 | 8 | 0 | |
| 360 | 86 | 7.5 | 2.77 | 0.45 | 4 th | 24 | 0 | 0 | 0 | 3 | 15 | 0 | 7 | 4 | 2 | 5 | 1 | 1 | 3 | 7 | 1 | |
| 361 | 81 | 7.3 | 4.68 | 0.94 | 22 nd | 20 | 0 | 0 | 0 | 5 | 17 | 0 | 1 | 0 | 2 | 1 | 0 | 3 | 10 | 5 | 9 | |
| 363 | 78 | 7.4 | 3.64 | 0.87 | 21 st | 19 | 0 | 0 | 0 | 4 | 15 | 1 | 6 | 2 | 1 | 1 | 8 | 3 | 1 | 9 | 0 | |
| 369 | 80 | 6.7 | 3.94 | 0.48 | 3 rd | 22 | 0 | 0 | 0 | 5 | 10 | 1 | 3 | 1 | 3 | 3 | 2 | 2 | 7 | 7 | 3 | |
| 382 | 84 | 8.3 | 4.03 | 1.65 | 21 st | 16 | 0 | 0 | 0 | 0 | 15 | 5 | 5 | 2 | 2 | 2 | 2 | 5 | 7 | 4 | 2 | |
| 374 | 79 | 6.5 | 4.49 | 1.09 | 25 th | 18 | 0 | 0 | 0 | 7 | 12 | 0 | 7 | 0 | 1 | 1 | 8 | 2 | 6 | 6 | 0 | |
| 424 | 88 | 6.0 | 2.49 | 0.56 | 3 rd | 15 | 0 | 0 | 1 | 5 | 9 | 1 | 3 | 0 | 0 | 1 | 7 | 7 | 9 | 4 | 0 | |
| 410 | 84 | 5.5 | 4.07 | 1.34 | 14 th | 22 | 0 | 0 | 0 | 7 | 5 | 0 | 1 | 0 | 0 | 3 | 3 | 6 | 8 | 7 | 3 | |
| 391 | 77 | 6.4 | 2.27 | 0.43 | 20 th | 16 | 0 | 0 | 0 | 7 | 13 | 0 | 4 | 0 | 2 | 1 | 4 | 11 | 5 | 4 | 0 | |
| 384 | 81 | 7.5 | 2.68 | 0.94 | 20 th | 19 | 0 | 0 | 0 | 0 | 14 | 6 | 2 | 0 | 1 | 4 | 2 | 6 | 8 | 7 | 1 | |
| 384 | 81 | 7.7 | 3.43 | 1.73 | 2 nd | 21 | 0 | 0 | 0 | 2 | 17 | 0 | 2 | 1 | 1 | 0 | 7 | 7 | 7 | 4 | 2 | |
| 373 | 73 | 7.6 | 2.08 | 0.49 | 14 th | 13 | 0 | 0 | 0 | 1 | 16 | 1 | 2 | 0 | 1 | 2 | 4 | 9 | 6 | 6 | 1 | |
| 401 | 77 | 3.5 | 1.78 | 0.24 | 12 th & 31 st | 20 | 0 | 0 | 0 | 15 | 3 | 0 | 4 | 2 | 1 | 0 | 0 | 9 | 10 | 4 | 1 | |
| 406 | 82 | 6.2 | 2.01 | 0.33 | 12 th | 21 | 0 | 0 | 0 | 3 | 5 | 6 | 2 | 1 | 0 | 2 | 3 | 7 | 7 | 8 | 1 | |
| 395 | 89 | 6.1 | 2.89 | 0.81 | 4 th | 13 | 0 | 0 | 0 | 8 | 11 | 0 | 0 | 3 | 1 | 4 | 2 | 2 | 6 | 7 | 6 | |
| 357 | 86 | 5.8 | 4.23 | 0.96 | 21 st | 24 | 0 | 0 | 0 | 8 | 12 | 0 | 4 | 0 | 2 | 1 | 6 | 8 | 9 | 7 | 0 | |
| 388 | 84 | 6.7 | 1.90 | 0.72 | 23 rd | 13 | 0 | 0 | 0 | 1 | 12 | 2 | 3 | 3 | 1 | 5 | 3 | 5 | 1 | 10 | 0 | |
| 397 | 82 | 6.8 | 3.00 | 0.57 | 21 st | 21 | 0 | 0 | 0 | 5 | 11 | 0 | 2 | 0 | 0 | 5 | 4 | 4 | 11 | 5 | 0 | |
| 348 | 85 | 6.5 | 1.47 | 0.27 | 4 th | 16 | 0 | 0 | 0 | 5 | 10 | 0 | 5 | 2 | 1 | 0 | 8 | 4 | 5 | 6 | 0 | |
| 394 | 88 | 6.9 | 2.76 | 0.38 | 11 th | 22 | 0 | 0 | 0 | 3 | 11 | 0 | 6 | 0 | 0 | 3 | 5 | 5 | 8 | 4 | 0 | |
| 420 | 90 | 6.9 | 1.86 | 0.34 | 14 th | 19 | 0 | 0 | 0 | 5 | 15 | 1 | 2 | 1 | 0 | 1 | 7 | 10 | 6 | 4 | 0 | |
| 388 | 86 | 6.8 | 1.75 | 0.28 | 11 th | 16 | 0 | 0 | 0 | 3 | 10 | 2 | 6 | 7 | 1 | 1 | 5 | 4 | 2 | 5 | 0 | |
| 397 | 79 | 7.8 | 2.81 | 0.47 | 11 th | 24 | 0 | 0 | 0 | 1 | 10 | 3 | 5 | 2 | 2 | 4 | 4 | 3 | 3 | 7 | 1 | |
| 366 | 84 | 8.0 | 3.90 | 0.60 | 20 th | 19 | 0 | 0 | 0 | 3 | 20 | 0 | 1 | 1 | 1 | 1 | 9 | 5 | 1 | 9 | 3 | |
| 421 | 84 | 8.4 | 5.17 | 0.88 | 5 th | 27 | 0 | 0 | 0 | 2 | 20 | 5 | 2 | 2 | 0 | 1 | 5 | 4 | 6 | 10 | 1 | |
| 391 | 84 | 6.3 | 3.76 | 0.66 | 8 th | 20 | 0 | 0 | 0 | 4 | 9 | 1 | 7 | 1 | 0 | 1 | 5 | 4 | 5 | 8 | 0 | |
| 420 | 88 | 7.7 | 3.97 | 0.61 | 8 th | 26 | 0 | 0 | 0 | 2 | 16 | 2 | 3 | 1 | 0 | 0 | 4 | 8 | 8 | 7 | 0 | |
| 421 | 89 | 7.0 | 2.18 | 0.43 | 12 th | 20 | 0 | 0 | 0 | 4 | 13 | 6 | 2 | 1 | 0 | 1 | 3 | 8 | 9 | 6 | 1 | |
| Barometric Observations at this station are not corrected for altitude | | | | | | | | | | | | | | | | | | | | | | |

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. | | 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. | | |
| 1 st | Holyhead | - | - | - | - | - | 29.90 | - .08 | - | - | - | - | - | - | - | - | - | - |
| " | Pembroke | - | - | - | - | - | - | - | 57 | - | - | - | - | - | - | - | - | - |
| " | Howle Point | - | - | - | - | - | 30.09 | + .04 | - | - | - | - | - | - | - | - | - | - |
| 2 nd | Cambridge | - | - | - | - | - | - | - | - | 57 | - | - | - | - | - | - | - | - |
| 3 rd | London | - | - | - | - | - | - | - | 68 | - | 3 | - | - | - | - | - | 62 | 0.0 |
| 5 th | Valencia | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 |
| " | Barron & Turner | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 |
| 7 th | Barron & Turner | 29.68 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 |
| " | Howle Point | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 |
| 8 th | Loughborough | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 57 | - |
| 10 th | Spurn Head | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 70 | - |
| 13 th | Wick | - | - | - | - | - | 29.40 | + .23 | - | - | - | - | - | - | - | - | - | - |
| " | Spurn Head | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 | - |
| " | Dover | 29.44 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 | - |
| 15 th | Spurn Head | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 16 th | Stornoway | - | - | - | - | - | - | - | 1.8 | - | - | - | - | - | - | - | - | - |
| " | Spurn Head | - | - | - | - | - | 29.99 | + .24 | - | - | - | - | - | - | - | - | - | - |
| 17 th | Spurn Head | 30.02 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| " | Parsonstown | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 57 | - |
| 19 th | Leith | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 61 | - |
| " | London | - | - | - | - | - | - | - | 56 | 54 | 0 | - | - | - | - | - | 47 | - |
| 20 th | Sunderland | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| " | Shields | ? | 57 | NNE | 3 | 0 | - | - | - | - | - | - | - | - | - | - | - | - |
| 21 st | Leith | - | - | - | - | - | 29.65 | - | - | - | - | - | - | - | - | - | - | - |
| 22 nd | Loughborough | - | - | - | - | - | - | - | 53 | - | 2 | - | - | - | - | - | - | 0.8 |
| 24 th | Aberdeen | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.6 |
| " | Mullaghmore | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.2 |
| " | Cambridge | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 th | Dunagha de | - | 53 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| " | Howle Point | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 69 | - |
| 26 th | Leith | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 76 | - |
| 27 th | Wick | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| " | Rain | - | - | - | - | - | - | - | 51 | - | - | - | - | - | - | - | 96 | - |
| " | Leith | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 94 | - |
| " | Holyhead | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 59 | - |
| " | Pembroke | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| " | Howle Point | - | - | - | - | - | 30.22 | + .06 | - | - | - | - | - | - | - | - | 67 | - |
| " | Cambridge | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 61 | - |
| 28 th | Leith | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 58 | - |
| " | Androsan | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 54 | - |
| " | Holyhead | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 45 | - |
| " | Valencia | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.0 |
| " | Cambridge | 30.11 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 30 th | Jersey | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |