

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY — 31ST DECEMBER,
1882.



Dangerfield Lith London 2315

MAP SHOWING ALL THE STATIONS REPORTING BY TELEGRAPH
DAILY TO THE METEOROLOGICAL OFFICE, FROM JULY 1ST TO DEC^R 31ST 1882.



DAILY WEATHER REPORT

F O R

SUNDAY, 1st OCTOBER.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

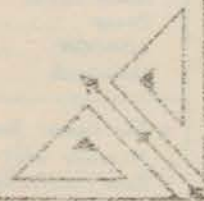
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S. W.

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ROBERT H. SCOTT
(SECRETARY)



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WEATHER CHARTS

for 8 a.m. on Sunday 1st OCTOBER 1882

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.

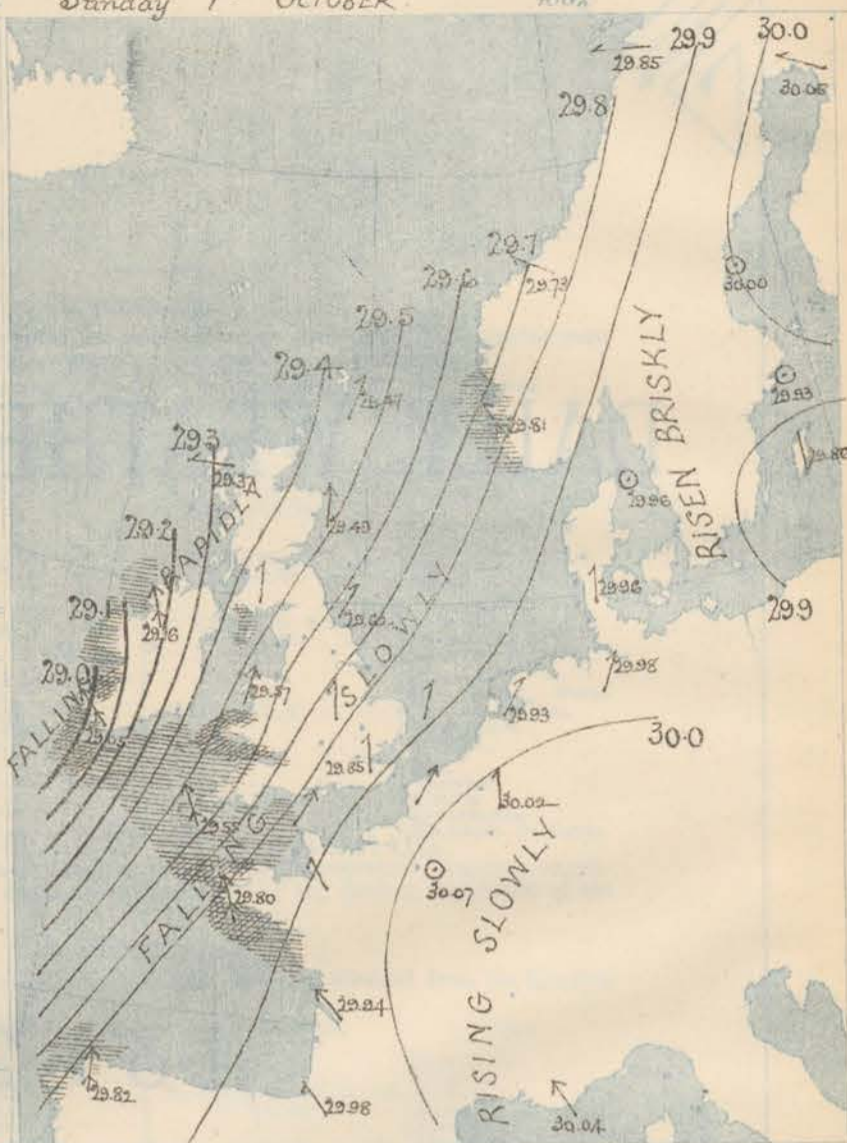
Sea Disturbance, where considerable, is shown by shading round the coast, thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations | Mean Readings in. |
|-------------|-------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greencastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.820 |
| LONDON | 29.807 |
| Yarmouth | 29.802 |

* These means are for the 10 years 1865-76. A more complete set of mean values is in course of preparation.



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 AND RAINFALL

for the month of October

| Stations | Temp. | Rain-fall |
|--------------------|-------|-----------|
| Sunderburgh Head | 46.4 | 2.64 |
| Sarnoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 49.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 6.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St. Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 1st OCT^R 1882 at 8 a.m.

The depression which was advancing towards our S.W. Coast yesterday morning passed N^os in the course of the day and occasioned a moderate or fresh gale at all our W^m and N^o stations. This morning we find that a new and much deeper disturbance is approaching the S.W. of Ireland, and the barometer is consequently falling rapidly in the W., while the winds have backed quickly and increased to a gale in many places. In Scandinavia, Denmark and the E. of France the mercury is rising and stands at about 30 ins: while at Valencia the reading is only 29.05 ins. The weather is fine at our E^m stations, cloudy or overcast elsewhere, with rain at Roche P., and drizzle at Lismore and Holyhead. Temperature has risen with great rapidity in almost all parts of our Islands, the change at Lifford being as much as 24°; readings now range from 65° at Lifford and 63° in London to 49° at Lismore.

The sea is very high at Valencia, high at Pembroke, rough in the W. and S.W. generally

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

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

FORECASTS

DISTRICTS

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

FORECASTS

WARNINGS

The S. cone is now flying on all our coasts.

METEOROLOGICAL OBSERVATIONS FOR 1st OCTOBER 1882

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|--------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|------------------|----------------|-------------|------|---------------------|----------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Direc. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force (0 to 12). | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Haparanda | 30.01 | 51 | Z | 0 | o | 30.05 | + 17 | 49 | 48 | — | 1 | SE | 2 | o | 52 | 48 | — | | |
| Hernösand | 29.89 | 54 | Z | 0 | o | 30.00 | + 25 | 50 | 50 | — | 5 | Z | 0 | f | 57 | ? | — | | |
| Stockholm | 29.80 | 58 | NNE | 1 | o | 29.93 | + 30 | 53 | 52 | — | 2 | Z | 0 | o | 59 | 51 | 0.04 | | |
| Wisby | 29.68 | 52 | E | 2 | o | 29.80 | + 30 | 55 | 55 | + | 2 | N | 2 | o | 59 | 50 | — | | |
| Bodö | 29.72 | 49 | E | 4 | b | 29.85 | + 16 | 55 | 51 | + | 4 | E | 2 | o | 57 | 46 | — | | |
| Christiansund | 29.71 | 53 | SSE | 2 | o | 29.77 | + 24 | 51 | 49 | — | 1 | ESE | 3 | o | 54 | 45 | 0.02 | | |
| †Skudesnaes | 29.79 | 51 | Z | 0 | b | 29.81 | + 22 | 55 | 52 | + | 3 | SE | 8 | o | 58 | 50 | — | | |
| Oxö (Kungälv) | 29.79 | 53 | W | 4 | b | 29.92 | + 36 | 48 | 47 | — | 1 | NNW | 2 | o | 57 | 46 | — | | |
| Skagen (The Skaw) | 29.83 | 53 | SW | 2 | b | 29.96 | + 34 | 51 | 50 | — | 0 | Z | 0 | bc | 59 | 48 | — | | |
| Fanö | 29.41 | 53 | N | 4 | c | 29.96 | + 31 | 53 | 53 | — | 1 | S | 2 | o | 57 | 48 | 0.08 | | |
| Cuxhaven | 29.95 | ? | NNW | 2 | bc | 29.98 | + 32 | 52 | 51 | — | 2 | SSW | 2 | o | 57 | 48 | 0.02 | | |
| †Sumburgh Head | 29.66 | 44 | S | 3 | o | 29.47 | — 19 | 51 | 50 | + | 1 | SSW | 1 | n | 55 | 48 | 0.03 | | |
| †Stornoway | 29.42 | 62 | SSE | 5 | o | 29.37 | — 33 | 49 | 47 | + | 14 | E | 4 | bc | 53 | 35 | 0.05 | | |
| Wick | 29.57 | 52 | S | 5 | o | 29.57 | — 25 | 55 | 54 | + | 13 | S | 4 | o | 55 | 44 | — | | |
| Nairn | 29.53 | 50 | Z | 0 | o | 29.58 | — 36 | 54 | 52 | + | 14 | S | 2 | c | 55 | 40 | — | | |
| †Aberdeen | 29.65 | 52 | S | 5 | o | 29.49 | — 27 | 58 | 57 | + | 15 | S | 5 | c | 58 | 42 | 0.10 | | |
| Leith | 29.58 | 58 | S | 1 | o | 29.45 | — 32 | 65 | 60 | + | 24 | S | 1 | bc | 65 | 39 | 0.03 | | |
| †Shields | 29.71 | 50 | S | 4 | o | 29.62 | — 19 | 61 | 59 | + | 15 | SW | 2 | c | 61 | 44 | 0.14 | | |
| Spurn Head | 29.52 | 52 | SSE | 5 | r | 29.76 | — 26 | 59 | 58 | + | 10 | SSE | 4 | b | 59 | 49 | 0.10 | | |
| York | 29.77 | 50 | SSE | 3 | r | 29.72 | — 12 | 61 | 59 | + | 20 | S | 1 | o | 61 | 41 | 0.07 | | |
| Loughborough | 29.76 | 53 | S | 3 | o | 29.77 | — 11 | 61 | 59 | + | 17 | S | 4 | c | 61 | 44 | 0.10 | | |
| †Ardrossan | 29.51 | 53 | ESE | 4 | n | 29.48 | — 33 | 59 | 59 | + | 16 | S | 4 | o | 59 | 41 | 0.13 | | |
| †Mullaghmore | 29.36 | 57 | WSW | 7 | o | 29.16 | — 45 | 62 | 59 | + | 14 | SSE | 8 | bc | 63 | 46 | 0.13 | | |
| Donaghadee | 29.48 | 60 | SSW | 5 | o | 29.42 | — 33 | 59 | 57 | + | 13 | SSW | 7 | o | 59 | 45 | 0.07 | | |
| Parsonstown | 29.51 | 60 | SW | 2 | o | 29.29 | — 35 | 60 | 59 | + | 11 | WSW | 4 | o | 64 | 48 | 0.19 | | |
| Barrow-in-Furness | 29.62 | 53 | SSE | 7 | n | 29.60 | — 20 | 60 | 59 | + | 14 | SE | 5 | o | 60 | 46 | 0.23 | | |
| †Holyhead | 29.59 | 59 | SSW | 4 | m | 29.57 | — 21 | 59 | 59 | + | 7 | SSW | 6 | bc | 59 | 51 | 0.20 | | |
| Liverpool (Bidston) | 29.64 | 54 | SE | 3 | r | 29.62 | — 20 | 61 | 60 | + | 13 | SSE | 5 | bc | 63 | 48 | 0.28 | | |
| †Valencia | 29.53 | 56 | WSW | 2 | o | 29.05 | — 182 | 60 | 59 | + | 6 | SE | 4 | omg | 62 | 44 | 0.21 | | |
| Roche's Point | 29.54 | 58 | SW | 4 | n | 29.31 | — 29 | 58 | 58 | + | 3 | SSW | 7 | m | 61 | 50 | 0.42 | | |
| Pembroke | 29.67 | 60 | SW | 6 | r | 29.60 | — 18 | 59 | 59 | + | 3 | S | 5 | c | 60 | 53 | 0.16 | | |
| †Scilly | 29.76 | 60 | SW | 6 | o | 29.55 | — 20 | 60 | 59 | + | 4 | SSE | 8 | o | 64 | 54 | 0.03 | | |
| Prawle Point | 29.56 | 59 | SSW | 5 | f | 29.79 | — 20 | 59 | 59 | + | 3 | SSE | 5 | o | 60 | 54 | 0.07 | | |
| Hurst Castle | 29.56 | 60 | W | 5 | m | 29.80 | — 26 | 61 | 60 | + | 7 | SW | 6 | c | 61 | 54 | 0.08 | | |
| †Dover | 29.91 | 59 | SW | 4 | bc | 29.93 | + 21 | 61 | 60 | + | 8 | SW | 5 | b | 62 | 53 | 0.04 | | |
| †London | 29.87 | 58 | SSW | 4 | o | 29.85 | — 28 | 63 | 61 | + | 14 | S | 2 | c | 63 | 49 | 0.05 | | |
| Oxford | 29.83 | 59 | S | 4 | bc | 29.88 | — 28 | 62 | 60 | + | 14 | S | 4 | bc | 62 | 48 | 0.02 | | |
| Cambridge | 29.83 | 54 | S | 1 | o | 29.85 | — 27 | 62 | 60 | + | 15 | S | 2 | c | 62 | 46 | 0.03 | | |
| †Yarmouth | 29.91 | 54 | S | 2 | n | 29.87 | — 20 | 61 | 60 | + | 13 | SSW | 3 | bc | 61 | 46 | 0.03 | | |
| The Helder | 29.97 | 55 | ? | 1 | c | 29.93 | + 20 | 59 | 58 | + | 4 | SW | 1 | c | 59 | 54 | — | | |
| Cape Gris Nez | 29.95 | 56 | WSW | 5 | o | 29.95 | + 21 | 60 | 60 | + | 5 | SW | 5 | c | 63 | 54 | — | | |
| †Jersey | 29.95 | 63 | SW | 3 | o | 29.92 | — 23 | 61 | 61 | + | 5 | SSE | 3 | o | 63 | 55 | 0.08 | | |
| Brest | 29.94 | 60 | SW | 5 | o | 29.80 | — 28 | 61 | 60 | + | 5 | SSE | 8 | o | 61 | 55 | — | | |
| Lorient | 29.99 | 61 | W | 8 | m | 29.89 | ? | 61 | 61 | ? | ? | S | 7 | o | 63 | 55 | 0.04 | | |
| †Rochefort | 30.06 | 64 | W | 3 | bc | 29.94 | — 23 | 60 | 59 | — | 4 | SE | 5 | b | 68 | 54 | 0.24 | | |
| Biarritz | 30.12 | 70 | N | 3 | b | 29.98 | — 14 | 64 | 58 | — | 0 | SE | 4 | b | 73 | 57 | — | | |
| Corunna | • | • | • | • | • | 29.82 | — 18 | 65 | 62 | — | 2 | S | 8 | c | 75 | 62 | — | | |
| Brussels | • | • | • | • | • | 30.02 | + 27 | 61 | 60 | + | 10 | S | 3 | o | 61 | ? | ? | | |
| Charleville | ? | ? | ? | ? | ? | ? | ? | 58 | 57 | + | 7 | SSW | 1 | o | 69 | 42 | 0.08 | | |
| Paris | 30.03 | 62 | SE | 1 | o | 30.07 | + 23 | 59 | 58 | + | 5 | Z | 0 | o | • | • | • | | |
| Lyons | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| Toulon | 30.03 | 62 | NNW | 8 | c | 30.04 | — 22 | 61 | 61 | — | 0 | SE | 5 | m | 65 | 57 | — | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.46 | 48 | SSW | 3 | 2 | 28.46 | — 12 | 57 | 56 | + | 14 | SSW | 5 | o | 57 | 42 | 0.66 | | |

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

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|---|----|----|---|----|-----|---|---|----|----|------|--|
| Hawes Junction | 28.46 | 48 | SSW | 3 | 2 | 28.46 | — | 57 | 56 | + | 14 | SSW | 5 | • | 57 | 42 | 0.66 | |
|----------------|-------|----|-----|---|---|-------|---|----|----|---|----|-----|---|---|----|----|------|--|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | |
|-------------------|-------|------|------|-------|------|------|---|-------------------------------|-------|------|-------|------|------|-----|------|
| Skudesnaes ... | 29.73 | 56 | 53 | W | 3 | r | 3 | Valencia ... | 29.47 | 60 | 58 | SSW | 7 | omg | 6 |
| Sumburgh Head ... | 29.70 | 54 | 48 | SW | 2 | bc | 2 | Scilly ... | 29.74 | 63 | 62 | SW | 7 | om | 6 |
| Stornoway ... | 29.59 | 51 | 47 | SE | 4 | o | 3 | Dover ... | 29.95 | 58 | 53 | W | 2 | b | 1 |
| Aberdeen ... | 29.74 | 53 | 50 | S | 3 | c | 1 | London ... | 29.89 | 60 | 56 | SSE | 3 | o | • |
| Shields ... | 29.77 | 54 | 50 | S | 2 | o | 2 | Yarmouth ... | 29.91 | 58 | 52 | SSW | 2 | bc | 2 |
| Ardrossan ... | 29.54 | 52 | 50 | ESE | 4 | o | 3 | Jersey ... | 29.93 | 62 | 62 | SW | 3 | o | 3 |
| Mullaghmore ... | 29.37 | 56 | 53 | SE | 8 | omg | 6 | Rochefort ... | 30.04 | 65 | 65 | WSW | 8 | o | 4 |
| Holyhead ... | 29.64 | 52 | 59 | SE | 3 | d | 2 | Ben Nevis 4406 ft | 25.19 | 30 | 30 | SSE | 4 | bc | 38 |
| | | | | | | | | 9 am on 30 th Sept | | | | | | | |
| | | | | | | | | | 25.19 | 30 | 30 | SSE | 4 | bc | 38 |
| | | | | | | | | | | | | | | 27 | 0.28 |

3 am on 30th Sept

The barometer is falling briskly on our NW coast, but is beginning to rise again at Valencia. The wind has backed generally & blown a moderate gale from SW at Valencia, Scilly, and a fresh gale from SE at Mullaghmore. The weather is becoming overcast generally and drizzling rain is reported from Holyhead.

EXPLANATION OF COLUMNS.

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

MONDAY. 2ND OCTOBER.

1882

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 Monday, 2nd OCTOBER.

1882

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 6 to 10
 — forces 3 to 5; — forces 1 to 4.
 ○ dead calm.

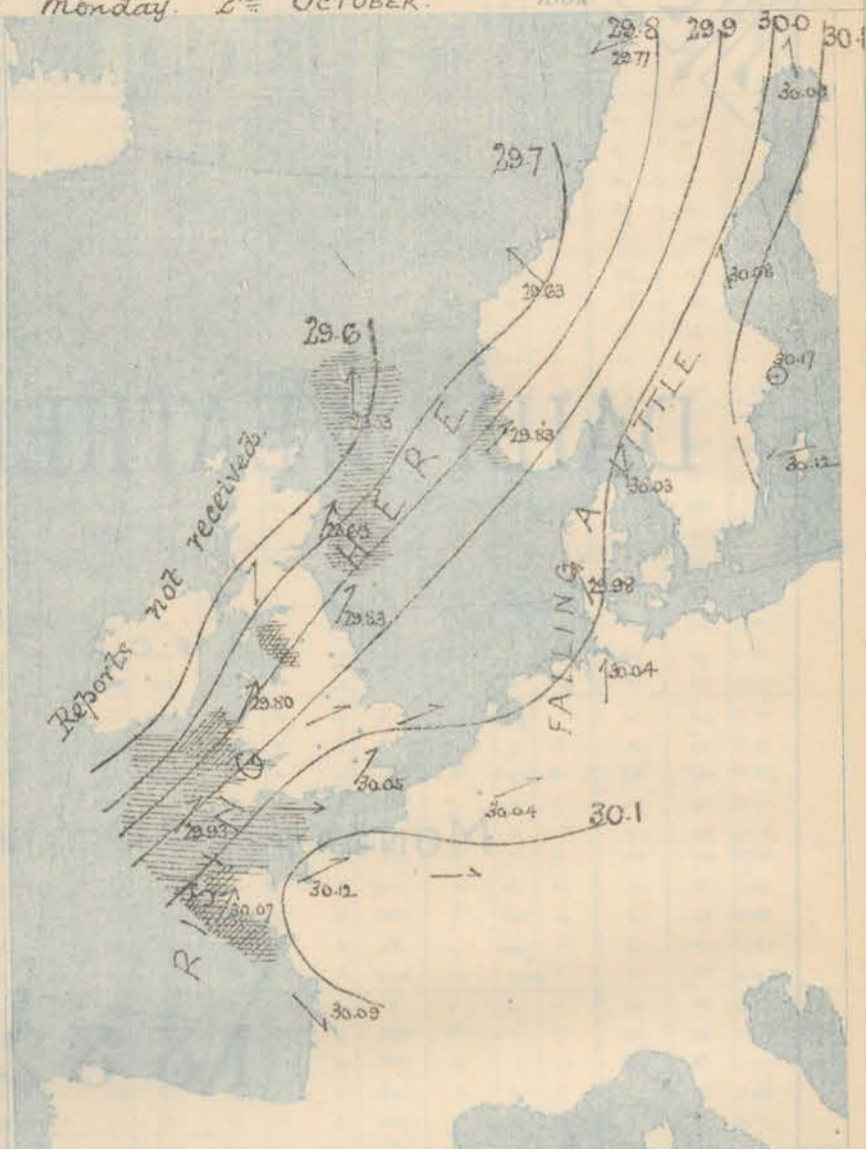
Sea Disturbance, where considerable is shown by shading round the coast, thus: Rough; High.

MEAN HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings. |
|--------------|----------------|
| Nairn. | 29.724 |
| Aberdeen. | 29.738 |
| Leith. | 29.776 |
| Scarborough. | 29.842 |
| Ardrossan. | 29.792 |
| Greenock. | 29.784 |
| Holyhead. | 29.830 |
| Valencia. | 29.852 |
| Rochester. | 29.827 |
| Plymouth. | 29.920 |
| LONDON. | 29.907 |
| Yarmouth. | 29.891 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

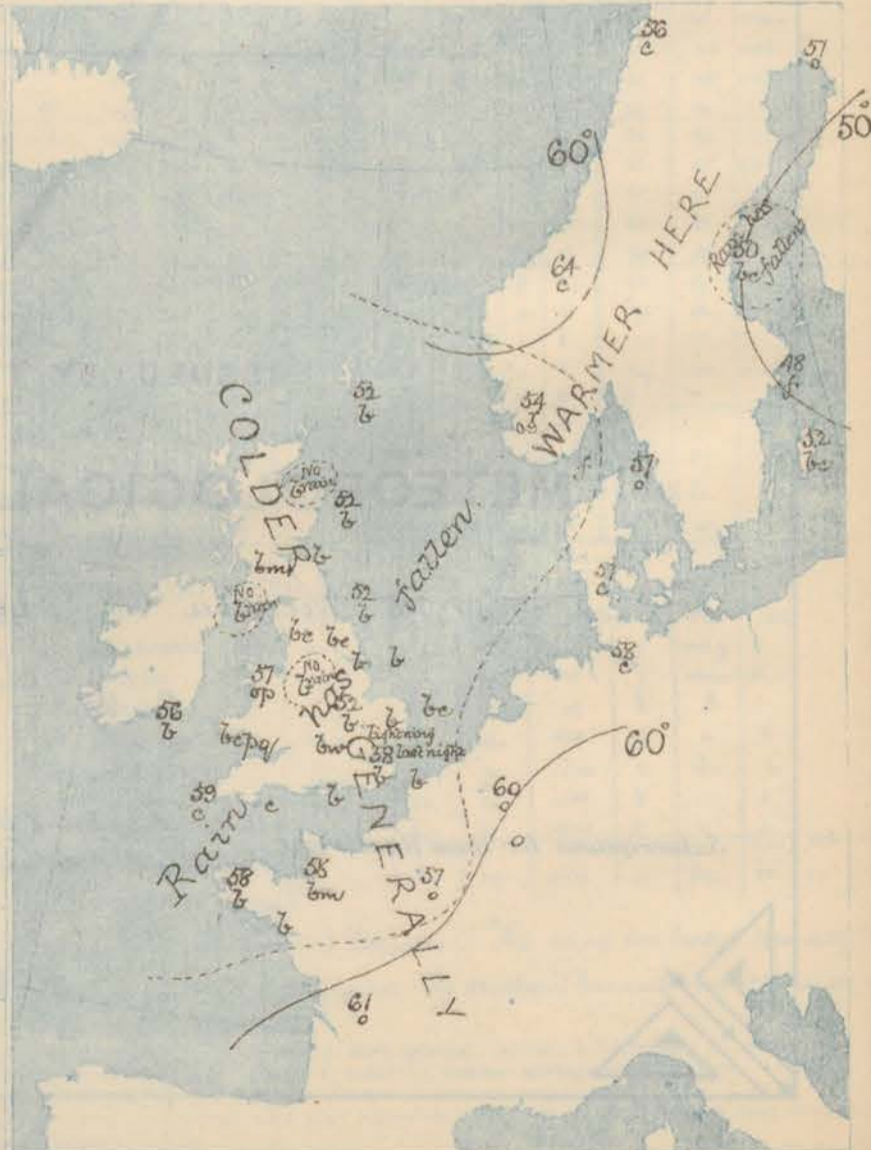
Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL

for the month of October.

| Stations | Temp. | Rain-fall |
|--------------------|-------|-----------|
| | ° | ins. |
| Sandburgh Head. | 46.4 | 2.64 |
| Stornoway. | 46.6 | 4.88 |
| Aberdeen. | 47.4 | 3.24 |
| Shields. | 49.4 | 2.61 |
| York. | 49.9 | 2.85 |
| Mullaglanmore. | 49.1 | ? |
| Holyhead. | 51.5 | 5.49 |
| Parsonstown. | 50.2 | 3.63 |
| Valencia. | 51.4 | 7.11 |
| Sally (St Mary's). | 54.6 | 4.91 |
| Thurst Castle. | 53.3 | ? |
| Dover. | 53.0 | 3.26 |
| LONDON. | 52.3 | 2.84 |
| Wormouth. | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Monday 2nd Oct^r 1882 at 8 a.m.

The deep depression which was advancing towards the SW of Ireland yesterday morning travelled quickly N^W in the course of the day and occasioned severe S^W gales on all our W^{est} & N^{orth} coasts. The centre of the disturbance has now passed away to the N^W of Scotland & the barometer appears to be rising generally, but in the absence of reports from Stromoway, Mullaghmore and Valencia it is impossible to say whether the recovery is in progress on the Atlantic coasts. The wind is generally from SW or SSW, and still blows strongly in the E of Ireland. In Great Britain it is only moderate or fresh. The weather is cloudy & showery at Holyhead & Pembroke, but fine in almost all other places. In the course of yesterday rain fell generally, but the amount was in most cases exceedingly small. Lightning occurred in London last evening. Temperature has fallen several degrees & ranges from 59° at Scilly to 51° at Nairn, York & Cambridge. The maxima yesterday were high for the time of year; at Leith, York & London the thermometer rose to 69°, & at Cambridge to 70°. The sea continues very rough in the Bay of Biscay off our W coast, & is rather rough in the NE.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

3rd October

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

DISTRICTS

FORECASTS

0 SCOTLAND NORTH

SW^{ly} to S^W winds, fresh to strong; fair generally.

1 SCOTLAND EAST

----- 0° ----- 0° ----- 0° -----

2 ENGLAND N.E.

SW^{ly} to S^W winds, moderate to fresh; fair to unsettled.

3 ENGLAND EAST

Same as N^o 5

4 MIDLAND COUNTIES

Same as N^o 5

5 ENGLAND SOUTH

W^{est} and SW^{ly} winds, moderate or fresh; fair at first, less settled later

DISTRICTS

FORECASTS

6 SCOTLAND WEST

S^W winds; moderate or fresh; fine to cloudy

7 ENGLAND N.W.

SW^{ly} and S^W winds, increasing; cloudy, some showers.

8 ENGLAND S.W.

----- 0° ----- 0° ----- 0° -----

9 IRELAND NORTH

S^W winds, strong, perhaps a gale; fair to cloudy and rainy

10 IRELAND SOUTH

----- 0° ----- 0° ----- 0° -----

WARNINGS

The S. cone is still up in districts 0, 1, 2, 3, 4, 6, 7 & 9 has been re-hoisted this morning in districts 8 & 10

METEOROLOGICAL OBSERVATIONS FOR OCTOBER 2ND 1882

| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|--------------------------------|-----------------|--------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|------------------|---------------|-------------|------|---------------------|----------------|--|--|
| STATIONS. | Barometer at 32° F. Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Dirac. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force (0 to 12). | | Max. | Min. | | | | |
| Haparanda | 30.04 | 49 | S | 2 | b | 30.09 | + .04 | 51 | 51 | + | 2 | S | 4 | 0 | 52 | 48 | — | | |
| Hernösand | 30.02 | 51 | S | 3 | b | 30.08 | + .06 | 50 | 49 | — | 0 | S | 2 | bc | 53 | 48 | 0.35 | | |
| Stockholm | 30.12 | 50 | SE | 2 | b | 30.17 | + .04 | 48 | 48 | — | 5 | E | 0 | f | 51 | 50 | — | | |
| Wisby | 29.96 | 51 | ENE | 2 | b | 30.12 | + .06 | 52 | 52 | — | 3 | E | 2 | bc | 50 | 50 | — | | |
| Bodö | 29.78 | 55 | Z | 0 | c | 29.77 | — .05 | 56 | 55 | + | 1 | ENE | 4 | c | ? | 50 | — | | |
| Christiansund | 29.65 | 57 | SE | 2 | c | 29.63 | — .10 | 64 | 58 | + | 13 | SE | 6 | c | 64 | 48 | — | | |
| †Skudesnæs | 29.80 | 59 | SSE | 8 | o | 29.83 | + .02 | 54 | 53 | — | 1 | SW | 4 | r | 59 | 7 | 0.91 | | |
| Otö (Xmasund) | 29.98 | 56 | ESE | 4 | o | 29.95 | + .03 | 57 | 56 | + | 9 | SE | 14 | f | 57 | 51 | 0.28 | | |
| Skagen (The Skaw) | 30.04 | 55 | SSE | 3 | b | 30.08 | + .07 | 57 | 58 | + | 6 | S | 4 | o | 59 | ? | — | | |
| Fanö | 29.99 | 56 | S | 4 | m | 29.98 | + .03 | 57 | 57 | + | 4 | SSE | 5 | c | 59 | 52 | — | | |
| Cuxhaven | 30.05 | ? | S | 1 | o | 30.04 | + .06 | 58 | 57 | + | 6 | S | 3 | c | 59 | 48 | — | | |
| †Sumburgh Head | 29.81 | 57 | SSE | 5 | c | 29.83 | + .06 | 52 | 49 | + | 1 | S | 5 | b | 60 | 49 | 0.04 | | |
| †Stornoway | | | | | | | | | | | | | | | | | | | |
| Wick | | | | | | | | | | | | | | | | | | | |
| Nairn | 29.16 | 65 | S | 8 | b | 29.24 | + .08 | 51 | 48 | — | 3 | SW | 5 | b | 48 | 41 | — | | |
| †Aberdeen | 29.17 | 60 | S | 9 | c | 29.29 | + .12 | 52 | 48 | — | 6 | SSW | 5 | b | 64 | 48 | 0.02 | | |
| Leith | 29.32 | 61 | SW | 8 | bc | 29.42 | + .10 | 52 | 50 | — | 13 | SSW | 2 | b | 69 | 41 | 0.01 | | |
| †Shields | 29.48 | 65 | SW | 8 | o | 29.83 | + .21 | 52 | 50 | — | 9 | SW | 3 | b | 67 | 48 | 0.05 | | |
| Spurn Head | 29.60 | 62 | SSE | 5 | c | 29.92 | + .16 | 52 | 52 | — | 6 | SSW | 3 | b | 66 | 51 | 0.05 | | |
| York | 29.58 | 65 | S | 3 | c | 29.90 | + .18 | 51 | 49 | — | 10 | S | 1 | b | 60 | 48 | 0.16 | | |
| Loughborough | 29.64 | 60 | SSW | 5 | bc | 29.96 | + .19 | 52 | 51 | — | 9 | WSW | 4 | b | 67 | 49 | 0.08 | | |
| †Ardrossan | 29.80 | 57 | SE | 6 | o | 29.68 | + .28 | 54 | 54 | — | 5 | S | 4 | bm | 61 | 52 | 0.01 | | |
| †Mullaghmore | | | | | | | | | | | | | | | | | | | |
| Donaghadee | 29.28 | 53 | SSW | 7 | bc | 29.70 | + .27 | 54 | 52 | — | 5 | SSW | 6 | b | 62 | 48 | — | | |
| Parsonstown | | | | | | | | | | | | | | | | | | | |
| Barrow-in-Furness | 29.47 | 59 | S | 10 | r | 29.80 | + .20 | 56 | 52 | — | 4 | S | 4 | bc | 65 | 54 | 0.20 | | |
| †Holyhead | 29.49 | 57 | SSW | 7 | m | 29.80 | + .23 | 57 | 57 | — | 2 | SSW | 5 | af | 65 | 53 | 0.03 | | |
| Liverpool (Bidston) | 29.56 | 59 | SW | 6 | c | 29.86 | + .24 | 52 | 51 | — | 9 | SE | 2 | b | 68 | 48 | — | | |
| †Valencia | | | | | | | | | | | | | | | | | | | |
| Roche's Point | 29.80 | 55 | WSW | 6 | c | 29.66 | + .18 | 56 | 54 | — | 2 | SW | 6 | b | 61 | 50 | 0.12 | | |
| Pembroke | 29.61 | 56 | WSW | 7 | bc | 29.87 | + .27 | 57 | 56 | — | 2 | SSW | 5 | bcy | 63 | 49 | 0.03 | | |
| †Scilly | 29.70 | 56 | WSW | 6 | o | 29.93 | + .28 | 59 | 57 | — | 1 | SW | 4 | bc | 61 | 54 | 0.02 | | |
| Prawle Point | 29.76 | 55 | SSW | 6 | r | 30.02 | + .23 | 57 | 56 | — | 2 | SSW | 5 | c | 63 | 53 | 0.14 | | |
| Hurst Castle | 29.75 | 65 | SW | 7 | c | 30.05 | + .19 | 58 | 55 | — | 3 | W | 5 | b | 66 | 51 | 0.06 | | |
| †Dover | 29.84 | 62 | SW | 4 | b | 30.05 | + .12 | 54 | 53 | — | 7 | WSW | 3 | b | 64 | 53 | 0.02 | | |
| £ London | 29.77 | 67 | SSE | 4 | bc | 30.05 | + .20 | 58 | 54 | — | 8 | SW | 4 | b | 69 | 49 | 0.03 | | |
| Oxford | 29.78 | 58 | W | 4 | r | 30.04 | + .18 | 55 | 53 | — | 7 | S | 2 | bc | 67 | 46 | 0.07 | | |
| Cambridge | 29.73 | 64 | S | 1 | c | 30.04 | + .16 | 51 | 51 | — | 11 | SW | 1 | b | 70 | 46 | 0.07 | | |
| †Yarmouth | 29.81 | 61 | S | 5 | bc | 29.96 | + .09 | 52 | 52 | — | 7 | WSW | 2 | bc | 65 | 51 | 0.02 | | |
| The Helder | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.8 | 64 | S | 5 | c | 30.04 | + .09 | 57 | 54 | — | 3 | SW | 5 | c | 72 | 54 | — | | |
| †Jersey | 29.82 | 65 | SW | 5 | c | 30.12 | + .20 | 58 | 56 | — | 3 | WSW | 3 | bm | 68 | 54 | 0.09 | | |
| Brest | 29.84 | 57 | SW | 4 | o | 30.07 | + .27 | 58 | 56 | — | 3 | SW | 5 | b | 63 | 55 | 0.12 | | |
| Lorient | 29.85 | 58 | WSW | 7 | r | 30.07 | + .18 | 58 | 54 | — | 3 | W | 5 | b | 66 | 55 | 0.12 | | |
| †Rochefort | 29.8 | 68 | SW | 5 | c | 30.09 | + .17 | 61 | 58 | + | 1 | WSW | 3 | o | 77 | 54 | — | | |
| Biarritz | | | | | | | | | | | | | | | | | | | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | | | | | | | | | | | | | | |
| Chateaufort | | | | | | | | | | | | | | | | | | | |
| Paris | 29.95 | 63 | Z | 0 | b | 30.05 | — .02 | 57 | 56 | — | 2 | W | 1 | o | | | 0.04 | | |
| Lyons | | | | | | | | | | | | | | | | | | | |
| Toulon | | | | | | | | | | | | | | | | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.28 | 60 | SSW | 5 | r | 28.62 | + .16 | 49 | 47 | — | 8 | SSW | 3 | bc | 62 | 46 | 0.08 | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sou. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sou. | | | | | | | |
|-------------------|-------|------|------|-------|------|------|---|--------------------|-------|------|-------|------|------|---|----|----|------|--|--|--|
| Skudeenæs ... | 29.82 | 7 | 54. | SE | 9 | 0 | 6 | Valencia ... | | | | | | | | | | | | |
| Samburgh Head ... | | | | | | | | Scilly ... | | | | | | | | | | | | |
| Stornoway ... | | | | | | | | Dover ... | | | | | | | | | | | | |
| Aberdeen ... | | | | | | | | London ... | | | | | | | | | | | | |
| Shields ... | | | | | | | | Yarmouth ... | | | | | | | | | | | | |
| Ardrossan ... | | | | | | | | Jersey ... | | | | | | | | | | | | |
| Mullaghmore ... | | | | | | | | Rochefort ... | 29.87 | 75 | 69 | SS E | 4 | C | 2 | | | | | |
| Holyhead ... | | | | | | | | Bon Nervis 440 fts | | | | | | | | | | | | |
| | | | | | | | | Sam m 14 Oct | 29.96 | 48 | 48 | S | 10 | f | 49 | 29 | 0.55 | | | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 5 p.m. in our Islands (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 5 p.m.

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



DAILY WEATHER REPORT

F O R

TUESDAY, 3RD OCTOBER.

1882

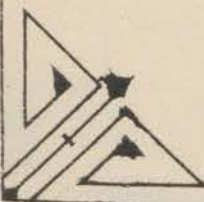
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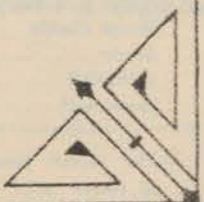
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ROBERT H. SCOTT

(SECRETARY.)



Printed by W. & A. Gifford, 11th St. Pall Mall, S. W.

WEATHER CHARTS

for 8 a.m. on Tuesday 3rd OCTOBER.

1882

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.

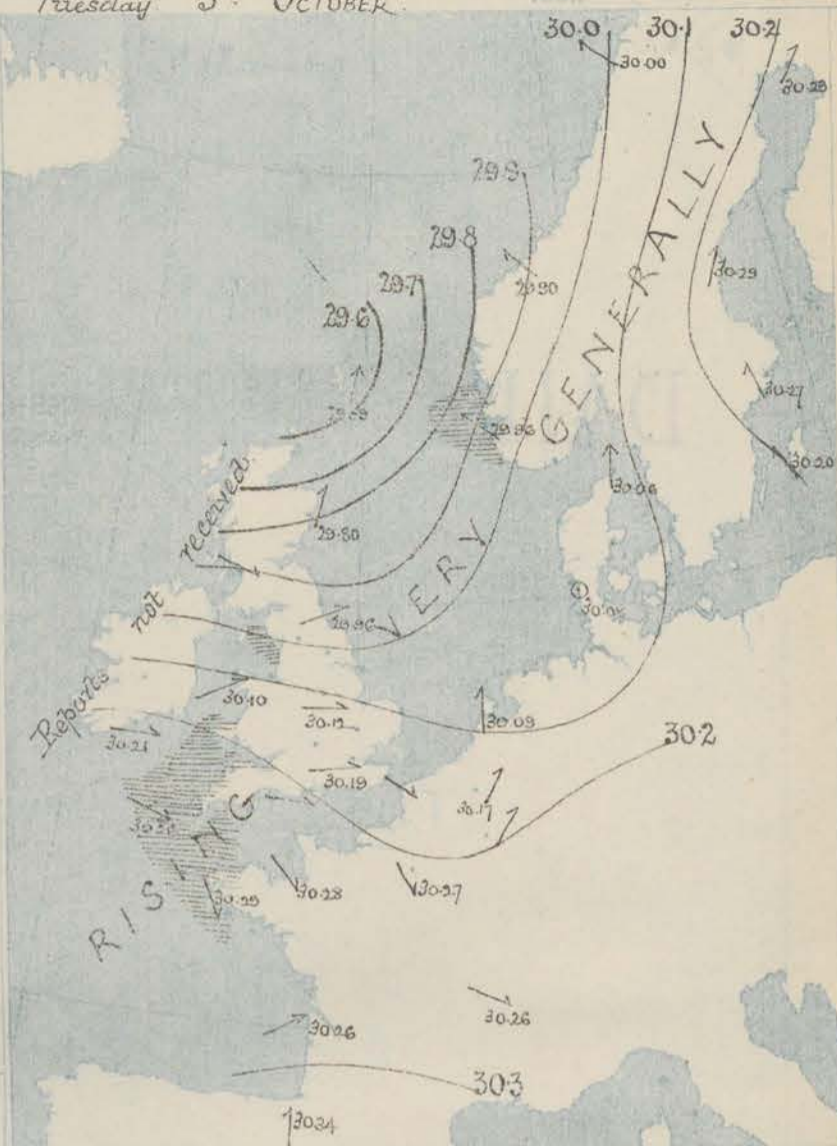
Sea Disturbance, where considerable, is shown by shading round the coast; thus: ——— Rough; ——— High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings In. |
|---------------|----------------------|
| Nairn | 29.729 |
| Aberdeen | 29.738 |
| Leith | 29.756 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenock | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Rochester Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-76. A more complete set of mean values is in course of preparation.



REMARKS

for... Tuesday 3rd October 1882 at 8 a.m.

In the course of the past night a fresh depression travelled in a NNE^{ly} direction over our N and NW coasts, occasioning a strong gale at Aberdeen and Barrow in Furness. At the same time one or two shallow subsidiary disturbances passed across Sth England & brought heavy showers to some of our Sth stations. The main depression has now passed away N^W & the subsidiaries have disappeared over the North Sea & Holland so that the barometer is rising at all our stations, while the wind has veered to the Wth & moderated. Over France & our SW coast the mercury is now above 30.2 ins. but in Sweden it is equally high, & the distribution of pressure is therefore unfavourable to a continuance of fine weather in the N & N. The sky is very cloudy in Sweden, but clear or moderately so in all other parts of Wth Europe. A brilliant display of aurora was seen last evening at nearly all our stations. Temperature has again fallen, & ranges from 56° at Kelly to 45° at Aberdeen. The highest maxima registered yesterday were 64° in London & 66° at Loughboro' & Cambridge. The sea is still rather rough in the W, but has gone down in the N.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

4th October

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

DISTRICTS

FORECASTS

| | |
|----------------------|---|
| 0 SCOTLAND NORTH | SW th winds, moderate or fresh; fair generally, but not settled. |
| 1 SCOTLAND EAST | -----D th -----D th -----D th ----- |
| 2 ENGLAND NE | -----D th -----D th -----D th ----- |
| 3 ENGLAND EAST | Same as N ^o 5 |
| 4 MIDLAND COUNTIES | Same as N ^o 5 |
| 5 ENGLAND SOUTH | W th winds, backing somewhat later, light or moderate; fair generally. |

DISTRICTS

FORECASTS

| | |
|--------------------|--|
| 6 SCOTLAND WEST | Same as N ^o 0 to 2 |
| 7 ENGLAND N.W. | W th to SW th winds, moderate or fresh; fair to cloudy and unsettled. |
| 8 ENGLAND S.W. | W th to SW th winds, fresh; fair to showery. |
| 9 IRELAND NORTH | W th to SW th or S th winds, moderate to fresh; fair to cloudy and unsettled. |
| 10 IRELAND SOUTH | -----D th -----D th -----D th ----- |
| WARNINGS | The S. Cone which has re-arranged yesterday in districts 0, 1, 2 & 6 to 10 has been lowered this morning. |

1882

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind | Wea. | Sea. | |
|-----------------|-------|------|------|-------|------|------|---|----------------------------|-------|------|------|------|------|-----------------------|
| Kilkeash | 29·92 | 57 | 58 | S | 4 | 0 | 5 | Valencia | | | | | | |
| Swanburgh Head | 29·47 | 55 | 56 | SW | 6 | b | 6 | Scilly | 29·94 | 62 | 57 | SW | c | 6 |
| Stornoway ... | | | | | | | | Dover | 30·10 | 60 | 56 | SW | e | 3 |
| Aberdeen ... | 29·71 | 58 | 54 | S | 6 | b | 4 | London | 30·06 | 65 | 57 | WSN | * | |
| Bields | 29·55 | 60 | 55 | SN | 3 | o | 2 | Yarmouth ... | 30·06 | 63 | 57 | WN | g | 2 |
| Ardoressn ... | 29·69 | 57 | 57 | S | 4 | e' | 4 | Jersey | 30·14 | 63 | 60 | SSN | f | 3 |
| Mullaghmore ... | | | | - | - | - | - | Rochefort ... | 30·14 | 66 | 59 | NH | d | 2 |
| Holyhead ... | 29·81 | 60 | 55 | SN | 6 | cp | 5 | Ben Nevis 4405ft | 28·09 | 38 | 38 | SN | f | 4 ^t 29·020 |

EXPLANATION OF COLUMNS

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

DAILY WEATHER REPORT

F O R

WEDNESDAY, 4TH OCTOBER.

1882

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 WEDNESDAY, 4th OCTOBER 1882

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.

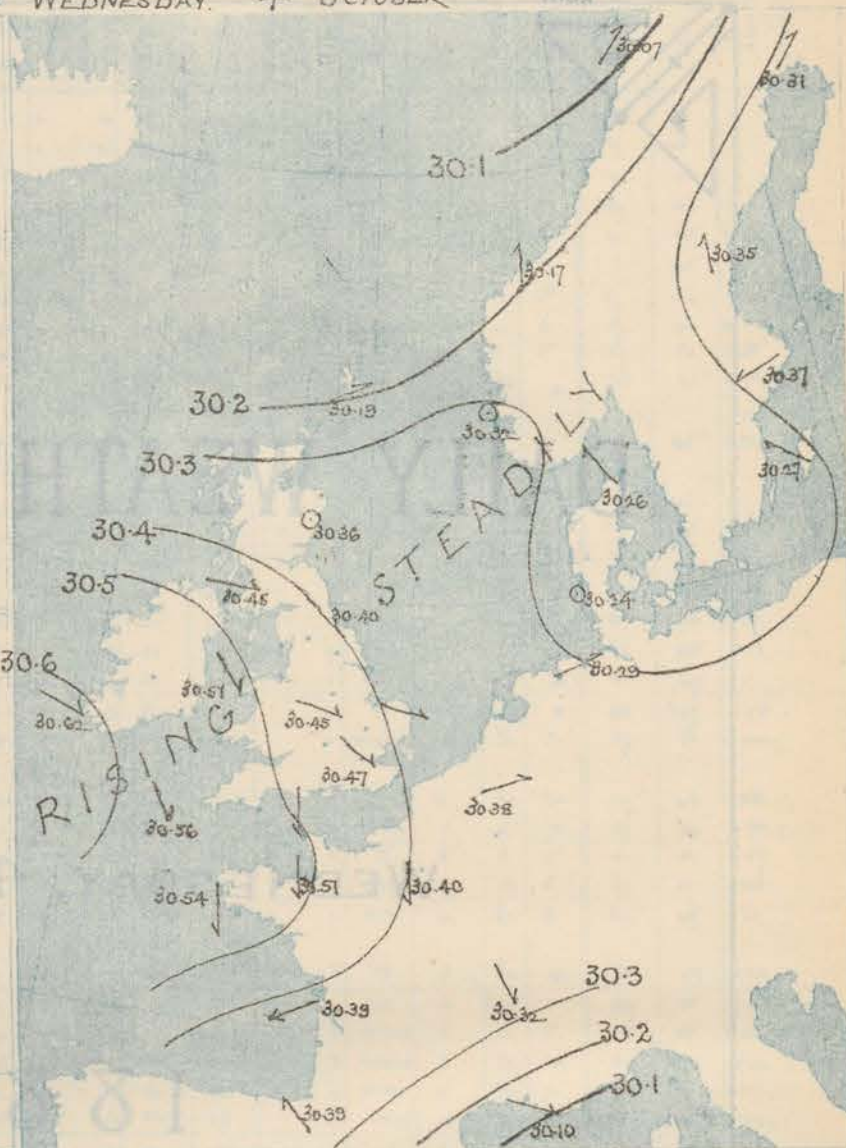
Sea Disturbance, where considerable is shown by shading round the coast, thus: Rough High

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations | Mean Readings in. |
|--------------|-------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenacastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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

AND RAINFALL.

for the month of October

| Stations | Temp | Rain Fall |
|-------------------|------|-----------|
| | ° | ins. |
| Sunbury Head | 46.4 | 2.64 |
| Stornoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 48.3 | 2.63 |
| York | 48.9 | 2.85 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday 4th October 1882 at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise steadily over the whole of W^e Europe, and an anticyclone, in which readings exceed 30.6 ins., has now advanced to the S. of Ireland. To the Est of Sweden there is another high pressure area, with readings above 30.3 ins. The wind is light or moderate generally; in Scotland it is Wst, over England & Ireland NWst or Nst, & in France NEst. The weather is fine over France & the SE of England, cloudy or overcast elsewhere, with rain at Leith. During yesterday rain fell at all our N^e & NW^e stations. Temperature has risen in the N, fallen in the S, & readings over our islands range from 54° at Sully to 49° at Oxford. The highest maxima registered yesterday were 66° at Cambridge & 64° in London. The sea is moderate to smooth.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
5th October

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

| DISTRICTS | FORECASTS | DISTRICTS | FORECASTS |
|--------------------|--|------------------|--|
| 0 SCOTLAND NORTH | Wind varying between Wand St, moderate; cloudy, unsettled. | 6 SCOTLAND WEST | Same as N ^o 1 |
| 1 SCOTLAND EAST | W st winds, light; cloudy to fair | 7 ENGLAND N.W. | Same as N ^o 2 |
| 2 ENGLAND N.E. | NW st winds, light; fair generally | 8 ENGLAND S.W. | Same as N ^o 5 |
| 3 ENGLAND EAST | Same as N ^o 5 | 9 IRELAND NORTH | W st winds, light; fair generally |
| 4 MIDLAND COUNTIES | Same as N ^o 5 | 10 IRELAND SOUTH | Light variable airs or calms; cloudy |
| 5 ENGLAND SOUTH | NW st and N st winds, light; fair on the whole, cool | WARNINGS | NONE ISSUED |

METEOROLOGICAL OBSERVATIONS FOR 4TH OCTOBER 1882

| | 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. | Inference from 8 a.m. yesterday. | Dry. | Wet. | Inference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.25 | 51 | SW | 2 | 0 | 30.81 | + | 51 | 50 | 0 | SW | 2 | 0 | * | 52 | 48 | — | | |
| Hernösand | 30.29 | 51 | S | 2 | 0 | 30.35 | + | 52 | 50 | — | S | 2 | 0 | * | 57 | 48 | — | | |
| Stockholm | 30.31 | 53 | E | 2 | 0 | 30.37 | + | 53 | 51 | 0 | ENE | 2 | 0 | * | 59 | 46 | — | | |
| Wisby | 30.21 | 52 | E | 2 | 0 | 30.27 | + | 53 | 51 | 0 | SE | 2 | 0 | * | 59 | 46 | — | | |
| Bodö | 29.99 | 55 | ENE | 2 | 0 | 30.07 | + | 54 | 51 | + | SW | 2 | 0 | 2 | 59 | 50 | — | | |
| Christiansund | 29.77 | 54 | WSW | 1 | 0 | 30.17 | + | 49 | 48 | — | S | 1 | 0 | 3 | 63 | 45 | — | | |
| †Skudesnæs | 30.09 | 54 | SSE | 2 | 0 | 30.32 | + | 50 | 49 | — | Z | 0 | 0 | 3 | 55 | 52 | — | | |
| Öxö (Christiansund) | 30.13 | 53 | NN | 1 | 0 | 30.28 | + | 51 | 49 | + | N | 2 | 0 | 3 | 55 | 50 | 0.35 | | |
| Skagen (The Skaw) | 30.12 | 55 | S | 5 | 0 | 30.24 | + | 52 | 52 | — | SSE | 3 | 0 | 1 | ? | 54 | 0.47 | | |
| Fanö | 30.15 | 54 | N | 2 | 0 | 30.24 | + | 52 | 54 | + | Z | 0 | 0 | * | 61 | 50 | 0.04 | | |
| Cuxhaven | | | | | | | | | | | | | | | | | | | |
| †Sumburgh Head | 29.99 | 50 | N | 3 | 0 | 30.19 | + | 53 | 52 | + | WSW | 4 | 0 | 4 | 58 | 48 | 0.19 | | |
| †Stornoway | | | | | | | | | | | | | | | | | | | |
| Wick | 30.05 | 52 | WNW | 3 | 0 | 30.31 | + | 54 | 52 | + | N | 1 | 0 | 2 | 57 | 47 | 0.15 | | |
| Nairn | 30.09 | 52 | N | 1 | 0 | 30.38 | + | 54 | 51 | + | N | 1 | 0 | 1 | 56 | 46 | 0.01 | | |
| †Aberdeen | 30.10 | 55 | NN | 1 | 0 | 30.36 | + | 51 | 50 | + | Z | 0 | 0 | 1 | 60 | 45 | 0.05 | | |
| Keith | 30.07 | 58 | N | 3 | 0 | 30.39 | + | 54 | 53 | + | N | 2 | 0 | * | 61 | 42 | 0.04 | | |
| †Shields | 30.19 | 51 | N | 2 | 0 | 30.40 | + | 54 | 53 | + | NN | 3 | 0 | 2 | 59 | 44 | — | | |
| Spurn Head | 30.22 | 55 | N | 4 | 0 | 30.37 | + | 54 | 53 | + | WNW | 4 | 0 | 2 | 58 | 51 | — | | |
| York | 30.25 | 53 | N | 3 | 0 | 30.42 | + | 55 | 53 | + | N | 1 | 0 | * | 62 | 47 | — | | |
| Loughborough | 30.20 | 54 | WNW | 1 | 0 | 30.45 | + | 53 | 51 | 0 | NNW | 2 | 0 | * | 61 | 49 | — | | |
| †Ardrossan | 30.19 | 54 | WSW | 2 | 0 | 30.45 | + | 52 | 52 | + | N | 3 | 0 | 2 | 57 | 52 | 0.03 | | |
| †Mullaghmore | | | | | | | | | | | | | | | | | | | |
| Donaghadee | 30.26 | 53 | WSW | 3 | 0 | 30.50 | + | 53 | 52 | + | NNW | 3 | 0 | 1 | 55 | 50 | — | | |
| Parsonstown | 30.35 | 55 | SSW | 2 | 0 | 30.58 | + | 58 | 51 | + | Z | 0 | 0 | * | 57 | 47 | — | | |
| Barrow-in-Furness | No observations taken | | | | | 30.44 | + | 57 | 55 | + | N | 4 | 0 | 4 | 55 | 53 | — | | |
| †Holyhead | 30.30 | 55 | N | 2 | 0 | 30.51 | + | 57 | 55 | + | NN | 3 | 0 | 3 | 59 | 53 | — | | |
| Liverpool (Bidston) | 30.29 | 53 | N | 2 | 0 | 30.47 | + | 56 | 55 | + | NNW | 4 | 0 | 3 | 56 | 52 | 0.01 | | |
| †Valencia | 30.43 | 54 | WSW | 1 | 0 | 30.62 | + | 57 | 53 | 0 | NNW | 1 | 0 | 0 | 61 | 52 | 0.02 | | |
| Roche's Point | 30.39 | 55 | NNW | 3 | 0 | 30.57 | + | 56 | 54 | + | N | 3 | 0 | 3 | 60 | 49 | — | | |
| Pembroke | 30.35 | 56 | N | 3 | 0 | 30.53 | + | 56 | 54 | 0 | NNW | 3 | 0 | 2 | 57 | 54 | — | | |
| †Scilly | 30.41 | 56 | NNW | 4 | 0 | 30.56 | + | 56 | 55 | + | NNW | 3 | 0 | 4 | 59 | 54 | — | | |
| Prawle Point | 30.40 | 53 | NNW | 4 | 0 | 30.52 | + | 57 | 52 | — | NN | 3 | 0 | 2 | 61 | 49 | — | | |
| Hurst Castle | 30.35 | 56 | NNW | 3 | 0 | 30.48 | + | 56 | 52 | 0 | N | 1 | 0 | 1 | 62 | 46 | — | | |
| †Dover | 30.31 | 57 | N | 2 | 0 | 30.42 | + | 57 | 49 | — | N | 2 | 0 | 1 | 61 | 49 | — | | |
| †London | 30.32 | 55 | SW | 1 | 0 | 30.47 | + | 57 | 49 | — | NN | 2 | 0 | * | 64 | 44 | — | | |
| Oxford | 30.37 | 52 | NNW | 1 | 0 | 30.48 | + | 57 | 49 | — | N | 2 | 0 | * | 61 | 45 | — | | |
| Cambridge | 30.30 | 54 | NN | 1 | 0 | 30.44 | + | 53 | 51 | + | NN | 1 | 0 | * | 66 | 47 | 0.01 | | |
| †Yarmouth | 30.28 | 56 | NNW | 1 | 0 | 30.39 | + | 57 | 50 | — | NNW | 3 | 0 | 2 | 61 | 45 | — | | |
| The Helder | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 30.31 | 58 | N | 4 | 0 | 30.41 | + | 56 | 53 | — | NNW | 5 | 0 | 4 | 63 | 52 | 0.04 | | |
| †Jersey | 30.41 | 56 | NNW | 2 | 0 | 30.51 | + | 56 | 54 | 0 | N | 2 | 0 | 2 | 60 | 52 | — | | |
| Brest | 30.45 | 59 | NNW | 3 | 0 | 30.54 | + | 56 | 52 | ? | N | ? | ? | 2 | 61 | 52 | — | | |
| Lorient | 30.38 | 54 | N | 5 | 0 | 30.46 | + | 54 | 50 | — | N | 5 | 0 | 2 | 63 | 50 | — | | |
| †Rochefort | 30.30 | 62 | NN | 4 | 0 | 30.39 | + | 53 | 51 | — | NE | 5 | 0 | 2 | 68 | 46 | — | | |
| Biarritz | 30.38 | 62 | N | 5 | 0 | 30.39 | + | 57 | 54 | — | SE | 3 | 0 | 3 | 63 | 52 | — | | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | 30.38 | + | 50 | 48 | — | WSW | 1 | 0 | * | 62 | 48 | 0.04 | | |
| Charleville | | 55 | WSW | 4 | 0 | 30.54 | + | 47 | 44 | — | SW | 4 | 0 | * | 74 | 43 | 0.47 | | |
| Paris | 30.35 | 58 | NN | 3 | 0 | 30.40 | + | 51 | 49 | — | N | 4 | 0 | * | | | 0.16 | | |
| Lyons | 30.34 | 56 | NNW | 1 | 0 | 30.32 | + | 53 | 50 | — | NNW | 3 | 0 | * | 62 | ? | — | | |
| Toulon | 30.10 | 60 | N | 8 | 0 | 30.10 | — | 54 | 49 | — | NN | 7 | 0 | 4 | 70 | 52 | — | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.92 | 47 | NNW | 3 | 0 | 29.21 | + | 43 | 52 | + | N | 2 | 0 | * | 53 | 46 | 0.02 | | |

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

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|---|----|----|---|---|---|---|----|----|------|--|--|
| Hawes Junction | 29.92 | 47 | WNW | 3 | 0 | 29.24 | + | 43 | 50 | + | N | 2 | 0 | 53 | 46 | 0.04 | | |
|----------------|-------|----|-----|---|---|-------|---|----|----|---|---|---|---|----|----|------|--|--|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. |
|---------------|-------|------|------|-------|------|------|--|-------|------|------|-------|------|------|
| Skudesnæs | 30.01 | 52 | 51 | SSW | 3 | 2 | Valencia | 30.36 | 59 | 56 | WSW | 4 | 5 |
| Sumburgh Head | 29.79 | 54 | 51 | N | 3 | 3 | Scilly | 30.37 | 58 | 54 | WNW | 4 | 5 |
| Stornoway | 29.94 | 54 | 51 | N | 5 | 4 | Dover | 30.25 | 60 | 53 | NN | 2 | 1 |
| Aberdeen | 30.00 | 58 | 52 | NN | 3 | 2 | London | 30.28 | 60 | 53 | NNW | 3 | 2 |
| Shields | 30.08 | 59 | 52 | WSW | 5 | 2 | Yarmouth | 30.19 | 60 | 54 | WNW | 3 | 2 |
| Ardrossan | 30.11 | 55 | 55 | WNW | 3 | 3 | Jersey | 30.32 | 62 | 57 | WSW | 3 | 3 |
| Mullaghmore | | | | | | | Rochefort | 30.30 | 66 | 63 | NN | 4 | 2 |
| Holyhead | 30.24 | 57 | 53 | N | 3 | 3 | Ben Nevis 4406 ft. | | | | | | |
| | | | | | | | Dawn on 3 rd 25.36 33 33 N 4 f ? ? 0.93 | | | | | | |

The barometer continues to rise generally, and an area of high pressure in which readings exceed 30.3 ins. has been formed off our SW coast. W² or NW² winds prevail at all stations, with fair weather.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. 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

THURSDAY 5TH OCTOBER.

1882

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.)

WEATHER CHARTS

for 8 a.m. on Thursday 5th OCTOBER.

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.

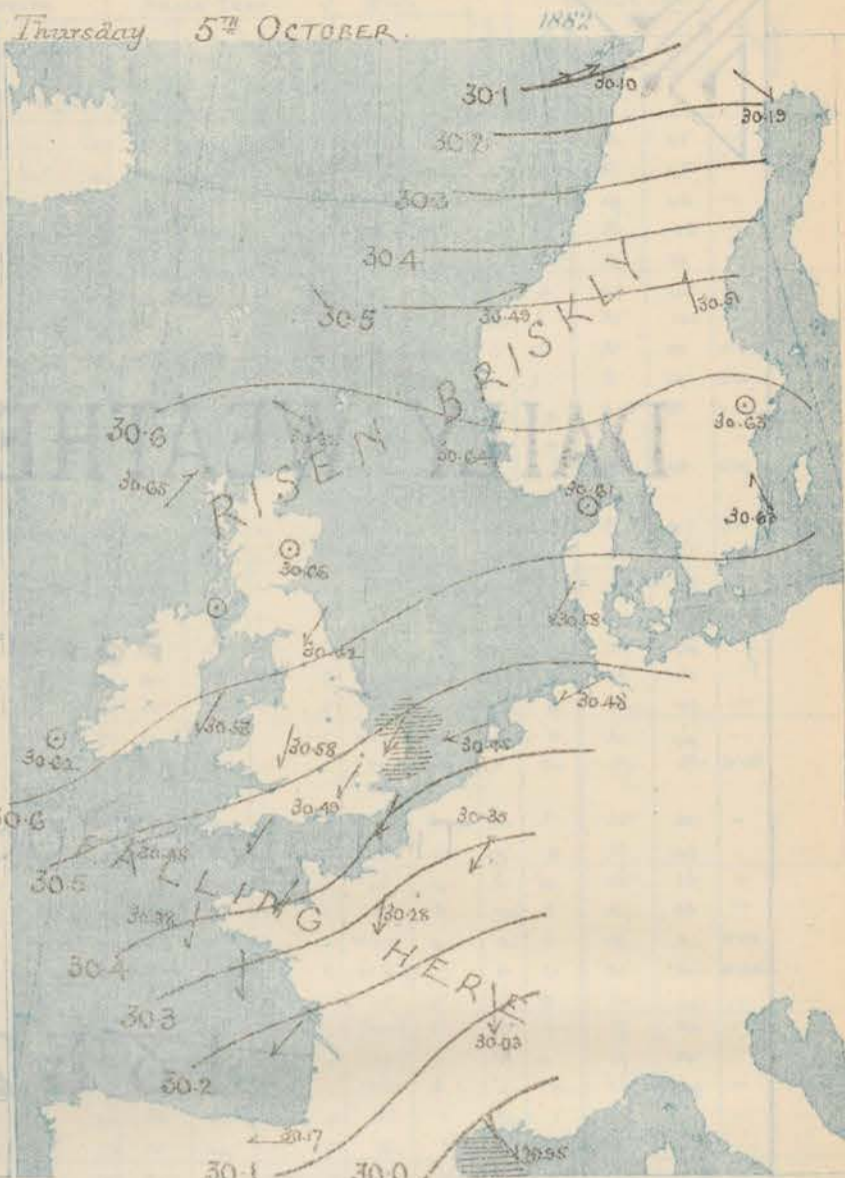
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations | Mean Readings in. |
|-------------|-------------------|
| Nairn | 29.729 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenock | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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 AND RAINFALL

for the month of October.

| Stations | Temp | Rain-fall |
|-------------------|------|-----------|
| Sumburgh Head | 46.4 | 2.64 |
| Sarnoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.29 |
| Shields | 48.3 | 2.61 |
| York | 49.9 | 2.86 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 54.6 | 4.01 |
| Brest Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 12 years 1857-69, the mean amounts of Rain are those for the 10 years 1866-75.



REMARKS

for Thursday 5th October

1882 at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise at all our more N^o stations & a long band of high pressure, in which readings exceed 30.8 ins., extends from the W of Ireland across Scotland & the North Sea to the S. of Sweden. Within this area the winds are generally light & variable or altogether calm, but to the N^o of it W^o breezes strong to a gale are found, while to the S^o of it, owing to a decided fall in the barometer, which has set in over France, the wind is fresh from the NE^o. The weather continues fine on the SE coast of England, & also in the W of France, but is cloudy elsewhere, with mist or fog in the N + NW. In the course of yesterday slight rain fell in the E of Scotland & S. of England. Bright aurora was seen at Wick last night. Temperature has fallen a little in most places, & ranges from 54° at Holyhead, Scilly & Yarmouth, to 49° at Cambridge. The highest maximum registered yesterday was 64° at Aberdeen. The sea is rather rough at Yarmouth, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

6th October

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

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

METEOROLOGICAL OBSERVATIONS FOR 5TH OCTOBER 1882

| 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). | 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). | Force. (0 to 12). | | | Max. | Min. | |
| Haparanda | 30.30 | 51 | SW | 2 | b | | 30.19 | -12 | 52 | 49 | +3 | NW | 4 | c | * | | 52 | 48 | - |
| Hernösand | 30.50 | 51 | S | 2 | b | | 30.51 | +16 | 47 | 45 | -2 | S | 2 | b | * | | 57 | 50 | - |
| Stockholm | 30.55 | 51 | SSW | 2 | b | | 30.43 | +26 | 52 | 51 | -1 | Z | 0 | f | * | | 59 | 50 | - |
| Wisby | 30.38 | 54 | E | 2 | o | | 30.63 | +36 | 54 | 53 | +1 | SSE | 2 | c | * | | 61 | 50 | - |
| Bodö | 30.10 | 54 | SW | 9 | o | | 30.10 | +02 | 51 | 51 | - | WSW | 9 | o | 7 | | 55 | 43 | 0.35 |
| Christiansund | 30.33 | 56 | SW | 2 | o | | 30.49 | +32 | 55 | 53 | +2 | WSW | 6 | c | 5 | | 57 | 46 | - |
| †Skudesnaes | 30.54 | 49 | Z | 0 | b | | 30.64 | +32 | 54 | 52 | +2 | E | 2 | o | 2 | | 59 | 48 | - |
| Oxö (Xiansund) | 30.56 | 53 | NNE | 2 | b | | 30.62 | +34 | 49 | 48 | -1 | NNW | 2 | m | 1 | | 55 | 45 | - |
| Skagen (The Skaw) | 30.50 | 56 | SE | 2 | b | | 30.41 | +35 | 53 | 53 | - | Z | 0 | b | 0 | | 54 | 48 | - |
| Fanö | 30.51 | 51 | NE | 1 | b | | 30.58 | +34 | 49 | 49 | - | NE | 2 | f | * | | 61 | 45 | - |
| Cuxhaven | | | | | | | | | | | | | | | | | | | |
| †Sumburgh Head | 30.42 | 52 | WNW | 4 | m | | 30.62 | +43 | 51 | 50 | -1 | WNW | 3 | o | 3 | | 54 | 50 | 0.08 |
| †Stornoway | 30.51 | 54 | WSW | 5 | b | | 30.65 | +36 | 52 | 51 | -1 | SW | 4 | o | 3 | | 56 | 50 | - |
| Wick | 30.56 | 54 | NW | 2 | b | | 30.67 | +36 | 54 | 52 | -2 | Z | 0 | f | 1 | | 61 | 41 | - |
| Nairn | 30.34 | 55 | WSW | 2 | b | | 30.67 | +34 | 52 | 50 | -2 | Z | 0 | o | 0 | | 62 | 48 | 0.02 |
| †Aberdeen | 30.52 | 59 | Z | 0 | o | | 30.68 | +32 | 50 | 49 | -1 | Z | 0 | om | 0 | | 64 | 48 | 0.02 |
| Leith | 30.56 | 57 | W | 1 | b | | 30.66 | +27 | 51 | 50 | -1 | WNW | 1 | om | * | | 60 | 50 | 0.05 |
| †Shields | 30.56 | 55 | E | 1 | o | | 30.62 | +22 | 53 | 53 | - | NE | 1 | om | 2 | | 60 | 52 | 0.06 |
| Spurn Head | 30.50 | 55 | NNE | 3 | o | | 30.56 | +19 | 55 | 52 | +3 | NE | 4 | b | 2 | | 58 | 51 | - |
| York | 30.54 | 56 | NNW | 1 | o | | 30.62 | +20 | 50 | 50 | - | NE | 1 | b | * | | 60 | 46 | - |
| Loughborough | 30.53 | 57 | N | 1 | r | | 30.58 | +43 | 50 | 49 | -1 | NNE | 2 | om | * | | 59 | 49 | - |
| †Ardrossan | 30.60 | 56 | WNW | 1 | o | | 30.65 | +20 | 51 | 51 | - | Z | 0 | out | 0 | | 58 | 48 | - |
| †Mullaghmore | | | | | | | | | | | | | | | | | | | |
| Donaghadee | 30.63 | 55 | NW | 3 | o | | 30.64 | +14 | 55 | 53 | +2 | N | 4 | b | 2 | | 59 | 53 | - |
| Parsonstown | 30.65 | 57 | N | 1 | o | | 30.64 | +06 | 51 | 48 | -3 | NNW | 1 | og | * | | 60 | 50 | - |
| Barrow-in-Furness | 30.54 | 58 | NNW | 4 | c | | 30.60 | +16 | 57 | 54 | +3 | NE | 2 | o | 3 | | 61 | 54 | - |
| †Holyhead | 30.56 | 57 | N | 4 | c | | 30.58 | +07 | 57 | 56 | -1 | NE | 3 | m | 2 | | 57 | 55 | - |
| Liverpool (Bidston) | 30.57 | 56 | NNW | 2 | o | | 30.60 | +13 | 57 | 53 | +4 | ENE | 1 | m | 1 | | 57 | 54 | - |
| †Valencia | 30.67 | 54 | NNW | 1 | c | | 30.62 | +00 | 48 | 48 | - | Z | 0 | b | 1 | | 59 | 40 | - |
| Roche's Point | 30.63 | 56 | N | 3 | b | | 30.59 | +02 | 52 | 51 | -1 | N | 3 | o | 3 | | 63 | 47 | - |
| Pembroke | 30.58 | 55 | N | 2 | c | | 30.54 | +01 | 55 | 55 | - | N | 2 | o | 1 | | 59 | 52 | - |
| †Scilly | 30.55 | 57 | N | 5 | o | | 30.48 | -08 | 57 | 54 | +3 | ENE | 4 | b | 3 | | 58 | 55 | - |
| Prawle Point | 30.52 | 56 | N | 3 | c | | 30.49 | -03 | 50 | 49 | -1 | NNE | 4 | c | 3 | | 58 | 48 | - |
| Hurst Castle | 30.48 | 57 | NE | 2 | m | | 30.45 | -03 | 51 | 50 | -1 | NE | 4 | c | 4 | | 60 | 49 | 0.02 |
| †Dover | 30.43 | 55 | NNE | 4 | b | | 30.42 | -00 | 56 | 52 | +4 | ENE | 5 | b | 3 | | 59 | 51 | 0.05 |
| †London | 30.49 | 56 | N | 3 | og | | 30.49 | +02 | 52 | 50 | +2 | NE | 2 | c | * | | 59 | 48 | 0.01 |
| Oxford | 30.53 | 55 | W | 2 | o | | 30.54 | +06 | 52 | 51 | +1 | NE | 3 | og | * | | 60 | 49 | 0.02 |
| Cambridge | 30.51 | 53 | N | 1 | o | | 30.57 | +07 | 49 | 48 | -1 | N | 1 | b | * | | 59 | 43 | - |
| †Yarmouth | 30.45 | 56 | NNE | 4 | b | | 30.47 | +08 | 57 | 55 | +2 | NE | 5 | b | 5 | | 58 | 49 | - |
| The Helder | 30.45 | 54 | NNE | 1 | b | | 30.45 | -04 | 55 | 53 | +2 | ENE | 5 | b | 3 | | 59 | 55 | 0.04 |
| Cape Gris Nez | 30.43 | 56 | NE | 7 | o | | 30.39 | -04 | 56 | 52 | +4 | NE | 5 | b | 4 | | 59 | 50 | 0.04 |
| †Jersey | 30.49 | 56 | N | 3 | om | | 30.42 | -07 | 55 | 53 | -2 | NE | 4 | om | 3 | | 61 | 53 | 0.03 |
| Brest | 30.52 | 56 | N | 5 | b | | 30.38 | -14 | 52 | 50 | +2 | NNE | 3 | o | 2 | | 59 | 48 | - |
| Lorient | 30.48 | 58 | N | 5 | b | | 30.30 | -18 | 53 | 50 | +3 | N | 4 | b | 2 | | 59 | 50 | - |
| †Rochefort | 30.30 | 59 | NNE | 5 | o | | 30.15 | -15 | 50 | 49 | -1 | NE | 5 | b | 2 | | 64 | 46 | 0.08 |
| Biarritz | 30.36 | 60 | N | 5 | o | | 30.17 | -19 | 52 | 50 | +2 | E | 3 | c | 2 | | 63 | 48 | 0.12 |
| Corunna | * | * | * | * | * | | | | | | | | | | | | * | * | * |
| Brussels | * | * | * | * | * | | 30.35 | -03 | 49 | 45 | -4 | ESE | 3 | o | * | | 58 | 44 | 0.08 |
| Charleville | 30.25 | 49 | N | 5 | b | | 30.22 | -03 | 48 | 44 | -4 | NE | 5 | b | * | | 76 | 44 | 1.22 |
| Paris | 30.37 | 52 | N | 4 | o | | 30.28 | -09 | 49 | 47 | -2 | NNE | 5 | e | * | | * | * | 0.94 |
| Lyons | 30.24 | 52 | NNW | 4 | o | | 30.03 | -21 | 48 | 45 | -3 | N | 5 | o | * | | 57 | 46 | - |
| Toulon | 29.95 | 57 | NW | 8 | b | | 29.95 | -15 | 52 | 48 | -4 | NN | 3 | c | 5 | | 66 | 48 | 0.04 |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.32 | 52 | N | 2 | op | | 29.36 | +04 | 52 | 51 | -1 | NE | 4 | o | * | | 54 | 49 | 0.03 |

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | | | |
|-------------------|-------|------|------|-------|------|------|---|-------------------|-------|------|-------|------|------|-----|----|----|------|
| Skudesnaes ... | 30.43 | 59 | 54 | W | 2 | o | 2 | Valencia ... | 30.66 | 56 | 54 | NNW | 2 | o | 3 | | |
| Sumburgh Head ... | 30.33 | 53 | 50 | W | 4 | m | 4 | Scilly ... | 30.56 | 58 | 55 | N | 4 | be | 4 | | |
| Stornoway ... | 30.43 | 56 | 55 | W | 6 | c | 4 | Dover ... | 30.53 | 57 | 53 | N | 4 | cgp | 1 | | |
| Aberdeen ... | 30.45 | 63 | 57 | NW | 2 | be | 1 | London ... | 30.46 | 58 | 56 | NW | 2 | o | * | | |
| Shields ... | 30.49 | 58 | 56 | NE | 1 | o | 2 | Yarmouth ... | 30.43 | 57 | 54 | N | 4 | b | 3 | | |
| Ardrossan ... | 30.54 | 56 | 56 | WNW | 3 | o | 2 | Jersey ... | 30.51 | 59 | 56 | NNE | 2 | c | 3 | | |
| Mullaghmore ... | | | | | | | | Rochefort ... | | | | | | | | | |
| Holyhead ... | 30.56 | 57 | 54 | NNW | 4 | o | 3 | Ben Nervé 4406 ft | 25.9 | 40 | 40 | SW | 1 | f | 41 | 32 | 0.43 |

The barometer to rise generally. W² winds still prevail in the extreme N., but elsewhere the wind is NW⁵.
The weather is fair but somewhat cloudy generally.

EXPLANATION OF COLUMNS.

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

FRIDAY, 6TH OCTOBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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Do Do Bookpost 5^s 10^s

ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Friday, 6th OCTOBER.

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.

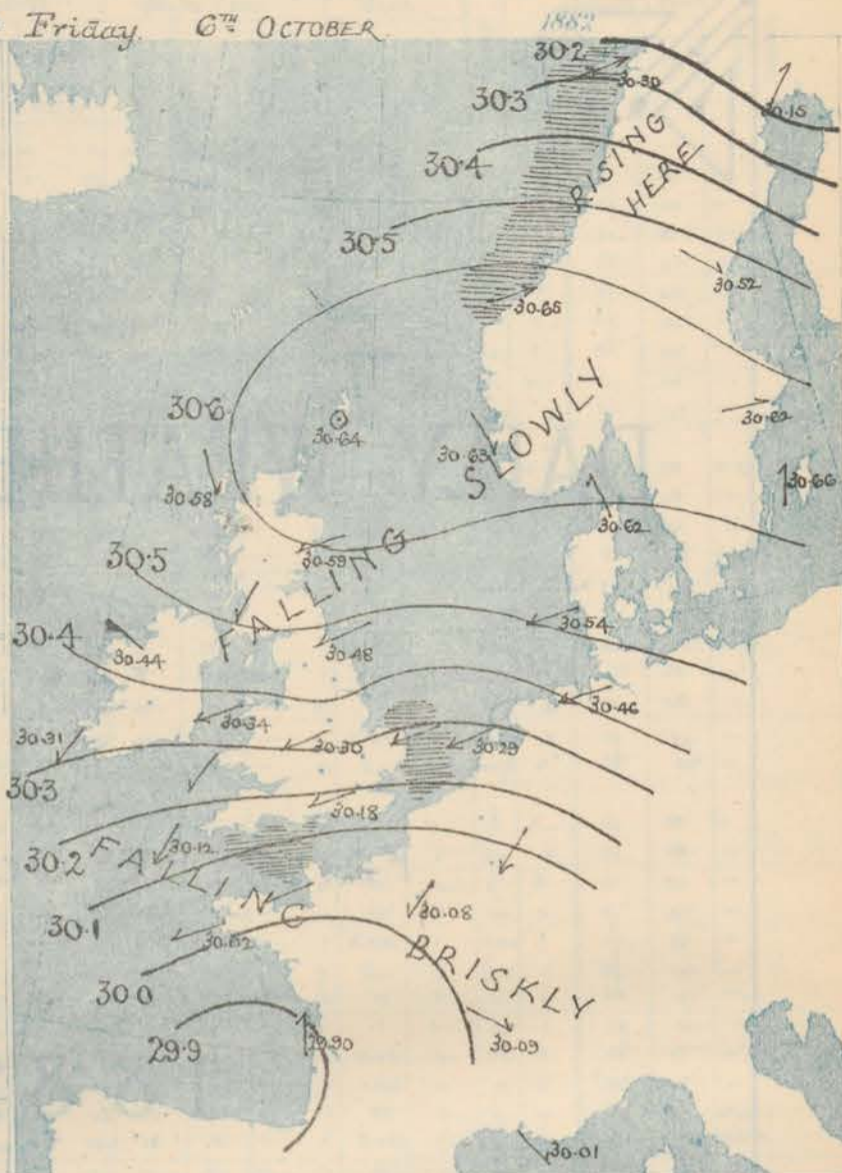
Sea Disturbance, where considerable is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings Ins. |
|-------------|--------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenock | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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 AND RAINFALL

for the month of October.

| Stations | Temp | Rain-fall |
|--------------------|------|-----------|
| | ° | ins. |
| Sumburgh Head | 46.4 | 2.84 |
| Sarnsey | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 48.3 | 2.61 |
| York | 49.9 | 2.85 |
| Millington | 49.1 | ? |
| Holyhead | 51.3 | 6.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St. Mary's) | 54.6 | 4.01 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.8 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Friday 6th October

1882 at 8 a.m.

Since yesterday morning the barometer has remained fairly steady at our N^o. stations, while it has fallen rather briskly in the S. & over France, so that decided gradients for E^{ty} winds have been formed over Ireland & England. The area of highest pressures, in which readings still exceed 30.6 ins., extends from the N. of Scotland to the S. of Sweden, while over the Bay of Biscay there is a depression with a minimum reading of 29.90 ins.. In the N. of Scotland & S. of Scandinavia the winds are still light & variable, but in Ireland & England they are fresh or strong from NE or E with a moderate gale at Yarmouth. The weather is still fine at Dover & Yarmouth as well as in the NW of England, but is cloudy elsewhere with mist at several stations. In the course of yesterday slight rain fell on our E & SE coasts. Aurora was seen last night in some parts of the country. Temperature is exceedingly uniform, the greatest difference between any two stations in W^o Europe being only 9°; the lowest reading (43°) is at Lyons, the highest (54°) at Scilly. The sea is rather rough in the S. & SE.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
8th October

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

DISTRICTS

FORECASTS

| | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | E ^{ty} to SE ^{ty} winds, moderate; cloudy, some mist. |
| 1 | SCOTLAND EAST | D ^o D ^o D ^o |
| 2 | ENGLAND N.E. | E ^{ty} winds, strong; cloudy and misty, some rain |
| 3 | ENGLAND EAST | Same as N ^o 5. |
| 4 | MIDLAND COUNTIES | NE ^{ty} to E ^{ty} winds, fresh or strong; cloudy. |
| 5 | ENGLAND SOUTH | E ^{ty} winds, strong, a gale on the coast; cloudy, some rain |

DISTRICTS

FORECASTS

| | | |
|----------|---------------|--|
| 6 | SCOTLAND WEST | Same as N ^o 0 + 1 |
| 7 | ENGLAND N.W. | Same as N ^o 4 |
| 8 | ENGLAND S.W. | NE ^{ty} and E ^{ty} winds, fresh or strong; shall |
| 9 | IRELAND NORTH | E ^{ty} to SE ^{ty} winds, fresh or strong; cloudy |
| 10 | IRELAND SOUTH | NE ^{ty} to E ^{ty} winds, moderate or fresh; cloudy |
| WARNINGS | | The N. Cone was hoisted last evening in districts 3 and part of 5 |

METEOROLOGICAL OBSERVATIONS FOR 6TH OCTOBER 1882

| STATIONS. | YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------------|-------------|------|---------------------|----------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | Max. | Min. | | | | |
| Haparanda | 30.12 | 51 | SH | 2 | b | 30.15 | — | 53 | 51 | + | 1 | SH | 2 | c | 57 | 45 | — | | |
| Hernösand | 30.53 | 53 | Z | 0 | b | 30.52 | + | 53 | 49 | + | 6 | NW | 2 | b | 68 | 44 | — | | |
| Stockholm | 30.64 | 50 | W | 2 | v | 30.62 | — | 50 | 48 | — | 2 | W | 2 | o | 57 | 48 | — | | |
| Wisby | 30.66 | 50 | Z | 0 | bc | 30.66 | + | 52 | 51 | — | 1 | SSW | 2 | o | 61 | 48 | — | | |
| Bodö | 30.27 | 51 | WSH | 8 | r | 30.30 | + | 50 | 50 | — | 1 | W | 2 | o | 52 | 44 | 0.30 | | |
| Christiansund | 30.64 | 53 | W | 4 | o | 30.65 | + | 51 | 50 | — | 4 | WSH | 5 | f | 55 | 48 | — | | |
| †Skudesnaes | 30.63 | 53 | SH | 2 | b | 30.63 | — | 53 | 51 | — | 1 | NNW | 2 | o | 59 | ? | — | | |
| Oxö (Xiansund) | 30.63 | 54 | SSW | 2 | o | 30.63 | + | 50 | 50 | + | 1 | NNW | 1 | o | 55 | 46 | — | | |
| Skagen (The Skaw) | 30.64 | 53 | S | 2 | c | 30.62 | + | 54 | 51 | + | 1 | SSE | 2 | c | 57 | 50 | — | | |
| Fanö | 30.57 | 53 | ENE | 4 | c | 30.54 | — | 50 | 49 | + | 1 | ENE | 4 | bc | 61 | 46 | — | | |
| Cuxhaven | 30.49 | ? | ENE | 4 | b | 30.46 | — | 53 | 52 | — | 3 | E | 5 | b | 59 | 48 | — | | |
| †Sumburgh Head | 30.65 | 53 | W | 1 | o | 30.64 | + | 51 | 50 | 0 | 2 | 0 | o | 1 | 55 | 48 | 0.01 | | |
| †Stornoway | 30.64 | 53 | E | 2 | c | 30.58 | — | 52 | 52 | 0 | NNW | 1 | o | 2 | 56 | 44 | — | | |
| Wick | 30.64 | 55 | NN | 1 | o | 30.62 | — | 52 | 50 | — | 2 | ESE | 3 | o | 55 | 41 | 0.03 | | |
| Nairn | 30.65 | 52 | E | 1 | og | 30.61 | — | 52 | 50 | 0 | E | 1 | og | 1 | 55 | 50 | — | | |
| †Aberdeen | 30.66 | 55 | NE | 1 | o | 30.59 | — | 53 | 53 | + | 3 | ENE | 3 | mfd | 58 | 49 | 0.10 | | |
| Leith | 30.61 | 55 | E | 3 | o | 30.54 | — | 53 | 51 | + | 2 | E | 4 | o | 57 | 44 | 0.04 | | |
| †Shields | 30.57 | 54 | ENE | 3 | o | 30.48 | — | 54 | 54 | + | 1 | ENE | 3 | om | 55 | 53 | 0.03 | | |
| Spurn Head | 30.47 | 55 | NE | 4 | bc | 30.33 | — | 57 | 56 | + | 2 | NE | 6 | bc | 58 | 54 | — | | |
| York | 30.54 | 54 | ENE | 3 | c | 30.41 | — | 56 | 54 | + | 6 | ENE | 3 | c | 62 | 50 | — | | |
| Loughborough | 30.45 | 54 | NE | 3 | o | 30.30 | — | 55 | 53 | + | 5 | ENE | 4 | o | 59 | 50 | — | | |
| †Ardrossan | 30.60 | 56 | ENE | 2 | of | 30.52 | — | 52 | 52 | + | 1 | NE | 2 | cf | 58 | 47 | — | | |
| †Mullaghmore | 30.55 | 56 | NE | 4 | c | 30.44 | — | 51 | 49 | — | 4 | ESE | 4 | cm | 58 | 49 | — | | |
| Donaghadee | 30.50 | 56 | NE | 3 | f | 30.46 | — | 55 | 54 | 0 | NE | 5 | c | 3 | 59 | 53 | — | | |
| Parsonstown | 30.51 | 56 | Z | 0 | o | 30.37 | — | 50 | 49 | — | 1 | NNW | 1 | bc | 60 | 46 | — | | |
| Barrow-in-Furness | 30.52 | 57 | NE | 2 | b | 30.37 | — | 57 | 54 | + | 2 | NE | 3 | b | 62 | 52 | — | | |
| †Holyhead | 30.48 | 57 | NE | 4 | b | 30.34 | — | 56 | 53 | — | 1 | ENE | 5 | b | 59 | 52 | 0.02 | | |
| Liverpool (Bidston) | 30.49 | 54 | ENE | 3 | bc | 30.35 | — | 53 | 52 | — | 2 | NE | 2 | c | 61 | 51 | — | | |
| †Valencia | 30.47 | 55 | NE | 2 | omf | 30.31 | — | 52 | 51 | + | 4 | NE | 3 | bcm | 60 | 46 | — | | |
| Roche's Point | 30.44 | 57 | ENE | 3 | o | 30.28 | — | 54 | 52 | + | 2 | NE | 3 | o | 60 | 46 | — | | |
| Pembroke | 30.42 | 55 | E | 1 | c | 30.23 | — | 55 | 51 | 0 | NE | 4 | o | 2 | 60 | 52 | — | | |
| †Scilly | 30.35 | 56 | NE | 5 | bc | 30.12 | — | 57 | 55 | 0 | NE | 5 | o | 4 | 59 | 55 | 0.01 | | |
| Prawle Point | 30.32 | 54 | NNE | 4 | bc | 30.11 | — | 55 | 53 | + | 5 | ENE | 6 | o | 60 | 48 | — | | |
| Hurst Castle | 30.30 | 57 | NE | 5 | c | 30.11 | — | 56 | 54 | + | 5 | E | 5 | cm | 58 | 51 | 0.04 | | |
| †Dover | 30.26 | 57 | NE | 6 | bc | 30.14 | — | 56 | 53 | 0 | E | 5 | bc | 4 | 61 | 55 | 0.02 | | |
| †London | 30.38 | 56 | ENE | 3 | o | 30.18 | — | 56 | 53 | + | 4 | ENE | 4 | o | 60 | 52 | 0.05 | | |
| Oxford | 30.36 | 54 | NE | 6 | og | 30.21 | — | 58 | 53 | + | 3 | NE | 5 | og | 61 | 52 | — | | |
| Cambridge | 30.38 | 57 | N | 2 | r | 30.23 | — | 56 | 53 | + | 7 | NE | 1 | o | 61 | 47 | 0.04 | | |
| †Yarmouth | 30.38 | 57 | ENE | 6 | bc | 30.24 | — | 56 | 54 | — | 1 | ENE | 7 | b | 59 | 55 | 0.01 | | |
| The Helder | 30.38 | 56 | ENE | 5 | c | 30.29 | — | 52 | 50 | — | 3 | ENE | 5 | b | 57 | 52 | — | | |
| Cape Gris Nez | 30.23 | 56 | ENE | 8 | o | 30.13 | — | 52 | 51 | — | 4 | ENE | 5 | c | 61 | 52 | — | | |
| †Jersey | 30.23 | 55 | NE | 4 | opm | 30.05 | — | 54 | 53 | — | 1 | ENE | 4 | cm | 58 | 52 | 0.31 | | |
| Brest | 30.24 | 55 | E | 4 | o | 30.02 | — | 52 | 51 | 0 | ENE | 3 | r | 3 | 59 | 45 | 0.35 | | |
| Lorient | | | | | | | | | | | | | | | | | | | |
| †Rochefort | 30.03 | 56 | NNE | 7 | r | 29.90 | — | 52 | 52 | + | 2 | S | 4 | m | 64 | 48 | 0.08 | | |
| Biarritz | | | | | | | | | | | | | | | | | | | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| †Brussels | | | | | | 30.13 | — | 50 | 49 | + | 1 | ENE | 4 | c | 56 | 48 | — | | |
| Charleville | 30.15 | 53 | NE | 8 | o | 30.11 | — | 51 | 47 | + | 3 | NE | 7 | o | 70 | 46 | — | | |
| Paris | 30.13 | 53 | N | 4 | o | 30.08 | — | 51 | 49 | + | 2 | NE | 4 | e | * | * | 0.04 | | |
| Lyons | 30.04 | 49 | W | 1 | r | 30.09 | + | 48 | 47 | 0 | NNW | 1 | r | * | 51 | 47 | 0.25 | | |
| Toulon | 29.99 | 53 | SE | 3 | o | 30.01 | + | 49 | 48 | — | 3 | NN | 1 | r | ? | 46 | 0.51 | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.29 | 49 | E | 4 | bc | 29.15 | — | 51 | 50 | — | 1 | E | 6 | bcm | 54 | 47 | 0.04 | | |

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

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|----|-------|---|----|----|---|---|---|----|----|----|------|
| Hawes Junction | 29.29 | 49 | E | 4 | bc | 29.15 | — | 51 | 50 | 1 | E | 6 | bc | 54 | 47 | 0.01 |
|----------------|-------|----|---|---|----|-------|---|----|----|---|---|---|----|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|-------------------------|-------|------|------|-------|------|------|----|------|
| Skudeanaes ... | 30.65 | 57 | 56 | Z | 0 | 2 | Valencia ... | 30.52 | 58 | 53 | NE | 2 | c | 3 | |
| Sumburgh Head | 30.65 | 54 | 50 | WSW | 3 | 0 | Scilly ... | 30.40 | 57 | 53 | NE | 5 | bc | 4 | |
| Stornoway ... | 30.65 | 55 | 53 | S | 4 | 0 | Dover .. | 30.30 | 58 | 53 | ENE | 6 | bc | 4 | |
| Aberdeen ... | 30.67 | 58 | 54 | NNE | 1 | dm | London ... | 30.26 | 60 | 56 | NE | 4 | c | * | |
| Shields ... | 30.58 | 54 | 52 | ENE | 1 | 0 | Yarmouth ... | 30.44 | 58 | 55 | ENE | 5 | c | 5 | |
| Ardrossan ... | 30.62 | 57 | 57 | NE | 1 | 0 | Jersey ... | 30.30 | 57 | 54 | NE | 4 | o | 4 | |
| Mullaghmore ... | 30.60 | 55 | 52 | NE | 4 | 0 | Rochefort .. | 30.08 | 59 | 54 | NE | 7 | o | 2 | |
| Holyhead ... | 30.52 | 59 | 55 | NE | 4 | 3 | Ben Hervis 4406 ft | 26.07 | 44 | 44 | SSE | 4 | b | 49 | |
| | | | | | | | 9 am on 5 th | | | | | | | 39 | 0.01 |

The barometer continues to rise slowly at Sumburgh Head; but is falling at all other stations. NE winds have extended as far N. as Aberdeen, and blow freely or strongly in the S. The weather is fine at Holyhead, Scilly and Dover, but continues cloudy elsewhere.

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 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).

+ Received too late for insertion in chart.

DAILY WEATHER REPORT

FOR

SATURDAY, 7TH OCTOBER.

1882

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% per quarter
Do Do Bookpost 5% 10%

ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on SATURDAY, 7th OCTOBER, 1882

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.

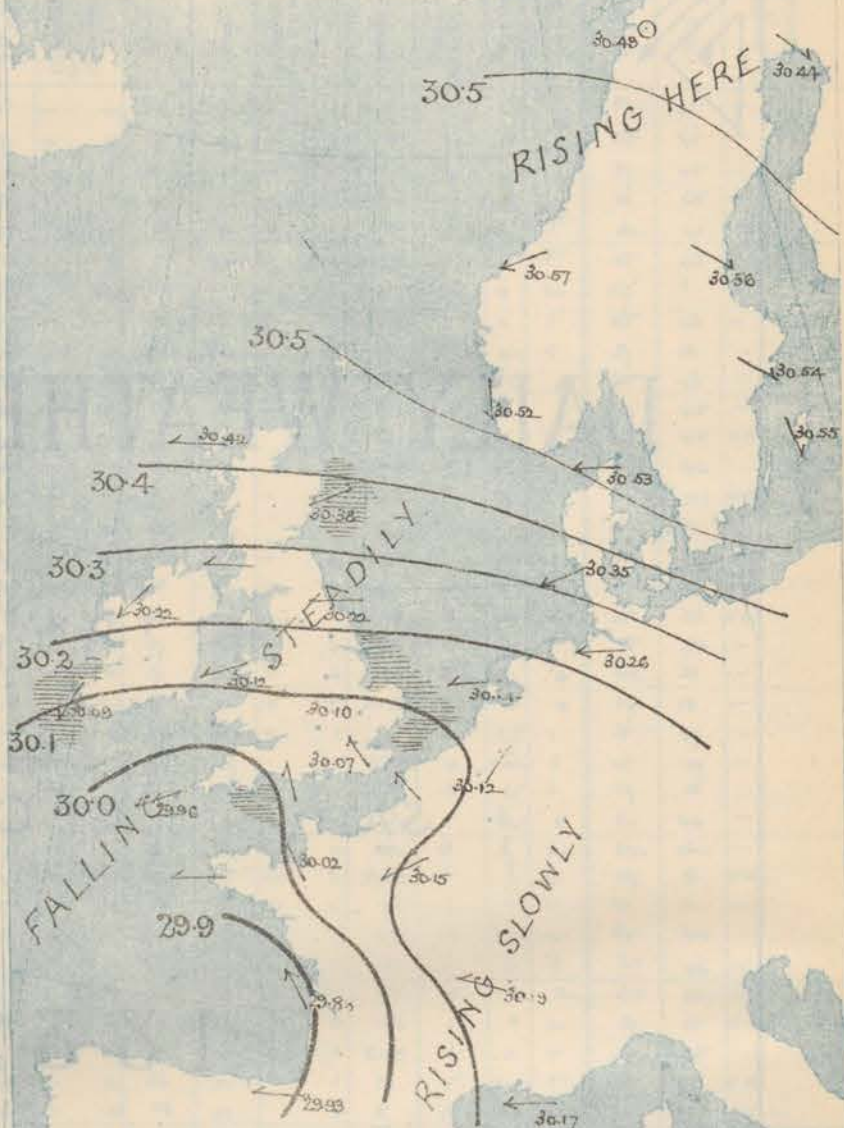
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations | Mean Readings |
|-------------|---------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenock | 29.784 |
| Holyhead | 29.830 |
| Valentia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Warrmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for Saturday 7th October 1882 at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise in the N. of Scandinavia & S. of France, while it has fallen in all other localities. A large area of high pressure, in which readings exceed 30.5 ins., lies to the N^W and NE^W of our Islands, while a depression with readings below 29.90 ins. is still found over the Bay of Biscay. In the SE of England the wind has veered to the SE^W & fallen light or moderate, but on all our W ^{& N^W coasts it continues E^W or NE^W, & in some places blows freshly. The weather is fine over Sweden & the E of France, but is very cloudy in our Islands, with mist at several W ^{stations, showers at Spurn Head, & rain at Prawle Point. Rain fell yesterday at all our S ^{& E ^{stations. Temperature has fallen decidedly over Scandinavia but is little changed elsewhere; in our Islands readings range from 56° at Spurn Head & Yarmouth to 51° at Mullaghmore. The sea is rather rough at Donaghadee, Valencia & on our E coasts.}}}}

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

8th October

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

DISTRICTS

FORECASTS

1 SCOTLAND NORTH

E^W winds, moderate and fresh; cloudy, slight rain.

2 SCOTLAND EAST

-----D^W-----D^W-----D^W-----

3 ENGLAND NE

E^W winds, moderate; cloudy, some showers

4 ENGLAND EAST

-----D^W-----D^W-----D^W-----

5 MIDLAND COUNTIES

E^W winds, light; cloudy, slight rain

6 ENGLAND SOUTH

SE^W winds, light or moderate; changeable, some rain

DISTRICTS

FORECASTS

6 SCOTLAND WEST

Same as N^W 0 and 1

7 ENGLAND N.W.

Same as N^W 2 and 3

8 ENGLAND S.W.

E^W and NE^W winds, moderate or fresh; dull, some rain

9 IRELAND NORTH

NE^W winds, fresh; dull, misty, slight rain

10 IRELAND SOUTH

NE^W winds, moderate; cloudy.

WARNINGS

The N. Cone has been lowered this morning in district 3 & part of 5

METEOROLOGICAL OBSERVATIONS FOR 7th OCTOBER 1882

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|----------------|---------------------|------|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | |
| Haparanda | 30.26 | 41 | NW | 2 | b | 30.14 | + | 29 | 35 | 34 | — | 18 | NW | 2 | b | 59 | 45 | — |
| Hernösand | 30.50 | 53 | NW | 5 | b | 30.36 | + | 04 | 47 | 45 | — | 6 | NW | 2 | b | 60 | 45 | — |
| Stockholm | 30.57 | 46 | N | 2 | b | 30.54 | — | 08 | 45 | 45 | — | 5 | NW | 2 | b | 54 | 45 | — |
| Wisby | 30.60 | 46 | NW | 2 | b | 30.55 | — | 11 | 50 | 49 | — | 3 | N | 4 | b | 57 | 45 | — |
| Bodo | 30.45 | 48 | WNW | 4 | o | 30.49 | + | 19 | 46 | 45 | — | 4 | Z | 0 | o | 50 | 43 | — |
| Christiansund | 30.58 | 51 | NW | 4 | f | 30.57 | — | 08 | 50 | 47 | — | 1 | ENE | 6 | c | 54 | 46 | — |
| †Skudesnaes | 30.58 | 51 | Z | 0 | b | 30.52 | — | 18 | 49 | 48 | — | 4 | N | 2 | b | 57 | 45 | — |
| Oxö (Christiansund) | 30.36 | 54 | ENE | 4 | o | 30.49 | — | 14 | 54 | 51 | + | 4 | ENE | 6 | o | 55 | 45 | — |
| Skagen (The Skaw) | 30.57 | 51 | ESE | 3 | b | 30.53 | — | 09 | 49 | 48 | — | 5 | E | 3 | o | 55 | 45 | — |
| Faro | 30.43 | 50 | ENE | 6 | b | 30.35 | — | 19 | 49 | 46 | — | 1 | ENE | 6 | b | 57 | 46 | — |
| Cuxhaven | 30.35 | ? | E | 6 | b | 30.26 | — | 20 | 50 | 45 | — | 3 | E | 5 | b | 57 | 46 | — |
| †Sumburgh Head | | | | | | | | | | | | | | | | | | |
| †Stornoway | 30.51 | 63 | E | 4 | b | 30.42 | — | 16 | 52 | 51 | — | 0 | E | 4 | o | 57 | 47 | — |
| Wick | 30.56 | 52 | ESE | 3 | o | 30.45 | — | 17 | 54 | 52 | + | 2 | ESE | 4 | o | 54 | 50 | — |
| Nairn | 30.52 | 50 | E | 2 | od | 30.39 | — | 22 | 52 | 51 | — | 0 | ENE | 2 | od | 55 | 60 | 0.02 |
| †Aberdeen | 30.54 | 54 | ENE | 3 | o | 30.38 | — | 21 | 54 | 52 | + | 1 | ENE | 5 | o | 55 | 52 | 0.02 |
| Leith | 30.45 | 54 | E | 4 | o | 30.30 | — | 24 | 54 | 53 | + | 1 | E | 4 | c | 56 | 51 | 0.03 |
| †Shields | 30.39 | 55 | ENE | 3 | b | 30.22 | — | 26 | 54 | 53 | — | 0 | E | 4 | o | 57 | 52 | — |
| Spurn Head | 30.24 | 56 | ENE | 7 | b | 30.13 | — | 20 | 56 | 54 | — | 1 | E | 6 | o | 59 | 55 | 0.01 |
| York | 30.32 | 55 | E | 4 | c | 30.17 | — | 24 | 53 | 52 | — | 3 | ENE | 2 | m | 62 | 52 | 0.03 |
| Loughborough | 30.21 | 55 | ENE | 5 | c | 30.10 | — | 20 | 53 | 52 | — | 2 | E | 2 | og | 62 | 53 | — |
| †Ardrossan | 30.41 | 54 | ENE | 3 | b | 30.28 | — | 24 | 54 | 52 | + | 2 | ENE | 3 | og | 57 | 49 | 0.01 |
| †Mullaghmore | 30.23 | 57 | E | 5 | b | 30.22 | — | 22 | 51 | 49 | — | 0 | NE | 5 | ogm | 58 | 49 | — |
| Donaghadee | 30.26 | 57 | NE | 6 | b | 30.21 | — | 25 | 55 | 52 | — | 0 | NE | 7 | o | 59 | 52 | — |
| Parsonstown | 30.27 | 55 | NE | 1 | o | 30.14 | — | 23 | 50 | 49 | — | 0 | N | 1 | odm | 60 | 47 | — |
| Barrow-in-Furness | 30.29 | 56 | NE | 3 | b | 30.17 | — | 20 | 54 | 51 | — | 3 | N | 2 | o | 66 | 52 | — |
| †Holyhead | 30.23 | 57 | ENE | 6 | b | 30.12 | — | 22 | 54 | 53 | — | 2 | ENE | 4 | m | 59 | 53 | 0.04 |
| Liverpool (Bidston) | 30.26 | 55 | NE | 5 | c | 30.12 | — | 23 | 53 | 51 | — | 0 | NE | 3 | o | 61 | 52 | — |
| †Valencia | 30.21 | 57 | NE | 2 | o | 30.09 | — | 22 | 52 | 51 | — | 0 | NE | 4 | bcm | 60 | 45 | — |
| Roche's Point | 30.17 | 52 | ENE | 4 | o | 30.05 | — | 23 | 55 | 52 | + | 1 | NE | 3 | c | 63 | 51 | — |
| Pembroke | 30.14 | 57 | ENE | 3 | o | 30.05 | — | 22 | 53 | 52 | — | 2 | ENE | 4 | o | 59 | 53 | — |
| †Scilly | 30.04 | 58 | NE | 4 | o | 29.96 | — | 14 | 57 | 54 | — | 2 | ENE | 2 | ogm | 59 | 53 | 0.01 |
| Prawle Point | 30.07 | 56 | ENE | 6 | o | 29.98 | — | 13 | 53 | 52 | — | 2 | ENE | 4 | 7 | 57 | 51 | 0.16 |
| Hurst Castle | 30.09 | 56 | E | 4 | o | 30.03 | — | 08 | 53 | 52 | — | 3 | SSE | 3 | o | 58 | 51 | 0.33 |
| †Dover | 30.09 | 56 | ENE | 5 | c | 30.09 | — | 05 | 55 | 52 | — | 1 | S | 3 | b | 63 | 54 | 0.03 |
| †London | 30.12 | 54 | NE | 3 | o | 30.07 | — | 11 | 54 | 52 | — | 2 | SE | 1 | o | 59 | 52 | 0.06 |
| Oxford | 30.13 | 55 | E | 4 | og | 30.06 | — | 15 | 52 | 52 | — | 3 | E | 1 | o | 62 | 57 | 0.12 |
| Cambridge | 30.16 | 56 | NE | 2 | b | 30.08 | — | 15 | 54 | 53 | — | 2 | NE | 1 | o | 62 | 51 | 0.04 |
| †Yarmouth | 30.16 | 57 | ENE | 7 | b | 30.10 | — | 14 | 56 | 54 | — | 0 | ENE | 4 | c | 58 | 51 | — |
| The Helder | 30.17 | 54 | ENE | 5 | c | 30.14 | — | 15 | 49 | 48 | — | 3 | E | 1 | c | 57 | 48 | — |
| Cape Gris Nez | 30.10 | 54 | ENE | 5 | m | 30.09 | — | 04 | 50 | 49 | — | 2 | SE | 3 | b | 59 | 50 | — |
| †Jersey | 30.02 | 54 | ENE | 4 | o | 30.02 | — | 03 | 54 | 62 | — | 0 | SE | 3 | om | 58 | 53 | — |
| Brest | 29.99 | 54 | E | 3 | o | ? | — | 49 | 48 | 48 | — | 3 | E | 4 | o | 57 | 46 | 0.04 |
| Lorient | 29.97 | 55 | ESE | 7 | o | 29.91 | — | 55 | 52 | 52 | — | 5 | SE | 5 | 7 | 55 | 50 | 0.12 |
| †Roche fort | 29.88 | 56 | SE | 5 | o | 29.88 | — | 02 | 50 | 48 | — | 2 | SE | 7 | b | 66 | 45 | 0.08 |
| Biarritz | 29.95 | 61 | S | 1 | c | 29.93 | — | 57 | 52 | 52 | — | E | 3 | c | 2 | 66 | 45 | — |
| Corunna | ? | ? | ? | ? | ? | ? | — | ? | ? | ? | — | ? | ? | ? | ? | ? | ? | ? |
| Brussels | ? | ? | ? | ? | ? | 30.12 | — | 01 | 53 | 51 | + | 3 | SW | 2 | b | 57 | 45 | 0.04 |
| Charleville | 30.01 | 57 | NE | 7 | o | 30.14 | + | 03 | 48 | 44 | — | 3 | NE | 4 | o | 60 | 43 | 0.16 |
| Paris | 30.07 | 55 | Z | 0 | o | 30.15 | + | 07 | 50 | 48 | — | 1 | ENE | 4 | b | ? | ? | 0.08 |
| Lyons | 30.10 | 50 | ESE | 1 | b | 30.19 | + | 10 | 44 | 44 | — | 4 | ESE | 1 | f | 53 | ? | 0.55 |
| Toulon | 30.11 | 54 | NW | 4 | b | 30.17 | + | 16 | 57 | 56 | + | 8 | E | 5 | b | 61 | 46 | — |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.l. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.09 | 50 | E | 6 | b | 28.93 | — | 22 | 52 | 49 | — | 1 | E | 4 | b | 55 | 48 | 0.03 |

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|---|----|----|---|---|---|---|---|----|----|------|
| Hawes Junction | 29.09 | 50 | E | 6 | b | 29.03 | — | 22 | 58 | — | 1 | E | 4 | b | 55 | 48 | 0.03 |
|----------------|-------|----|---|---|---|-------|---|----|----|---|---|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-------------------|-------|------|-------|------|------|----|--------------------------|
| Skudesnaes | 30.60 | 57 | 54 | 2 | 0 | c | 2 | Valencia | 30.24 | 60 | 56 | NE | 4 | cm | 4 |
| Sumburgh Head | | | | | | | | Scilly | 30.07 | 59 | 54 | ENE | 4 | 0 | 4 |
| Stornoway | 30.54 | 56 | 55 | ESE | 4 | 0 | 3 | Dover | 30.10 | 56 | 53 | ESE | 5 | og | 3 |
| Aberdeen | 30.55 | 54 | 53 | ENE | 2 | 0 | 3 | London | 30.15 | 58 | 54 | E | 4 | 0 | * |
| Shields | 30.44 | 55 | 54 | ENE | 3 | 0 | 2 | Yarmouth | 30.18 | 57 | 54 | ENE | 7 | b | 6 |
| Ardrossan | 30.44 | 57 | 57 | ENE | 4 | c | 2 | Jersey | 30.04 | 58 | 54 | E | 4 | c | 3 |
| Mullaghmore | 30.38 | 57 | 54 | E | 5 | cm | 4 | Roche fort | | | | | | | |
| Holyhead | 30.25 | 59 | 56 | ENE | 6 | b | 5 | Ben Nevis 4406 ft | 25.94 | 37 | 37 | ESE | 7 | f | MA. 43 MIN. 36 MAX. 0.02 |

9 a.m. on 6th

The barometer is falling generally, but the winds are very little changed. The weather continues fine and bright at Holyhead and Yarmouth, but at all our other stations the sky is very cloudy.

EXPLANATION OF COLUMNS.

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

SUNDAY 8TH OCTOBER.

1882

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 Sunday, 8th OCTOBER, 1882

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.

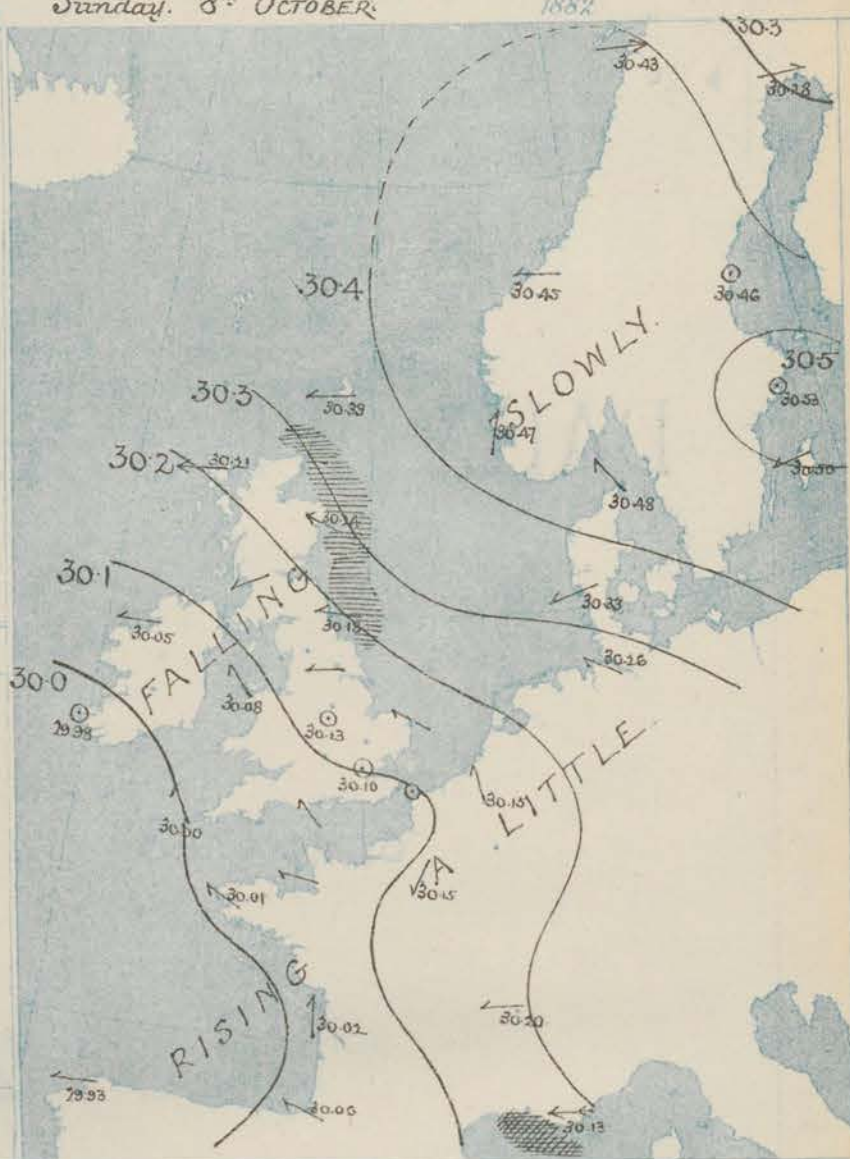
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
 — forces above 10; — forces 8 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of October.

| Stations. | Mean Readings in. |
|--------------|-------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrrossan | 29.792 |
| Greenacastle | 29.784 |
| Holyhead | 29.880 |
| Valencia | 29.862 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

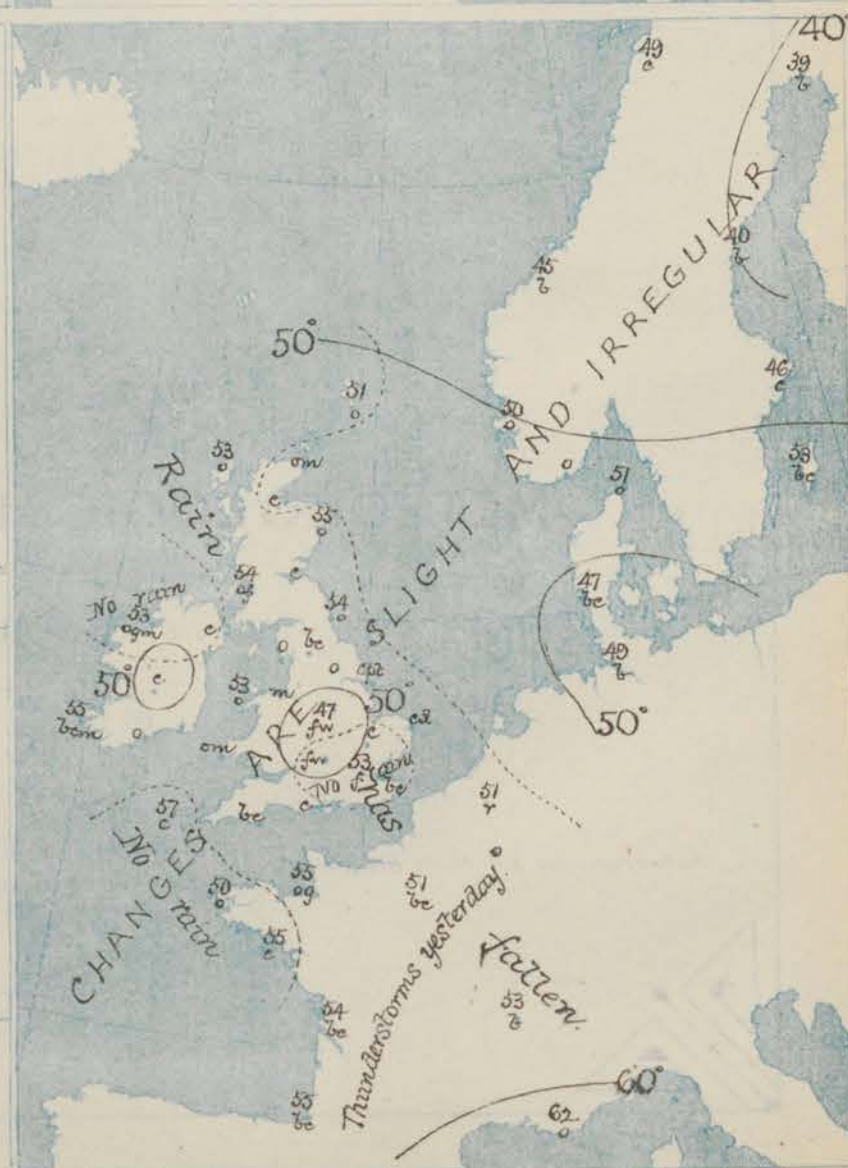
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October.

| Stations | Temp. | Rain-fall |
|-------------------|-------|-----------|
| | ° | ins. |
| Sumburgh Head | 46.4 | 2.64 |
| Sternoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shetlands | 48.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 6.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.8 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 8th OCTOBER. 1882 at 8 a.m.

The barometer continues to fall steadily over Scandinavia and the northern parts of Great Britain, while it rises slowly over France and our southern districts. The highest pressures (30.5 ins.) are found in the S. of Sweden, and the lowest (30.0 ins.) along our S.W. coast and the W. of France. Varying S^W breezes prevail in France and the south of England, but SE² or E² winds elsewhere, and in the E. of Scotland they blow freshly. The weather is cloudy or overcast at all but our southern stations, and mist or fog is general in many places. Slight rain fell yesterday in many parts of the country and at Cambridge and in London lightning was seen in the evening. Temperature has fallen a little over Central England, but has not changed much elsewhere; readings now range from 57° at Scilly to 47° at Loughboro'. The sea is rough on our NE. coast, moderate 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

$$\begin{array}{l} 0 \left\{ \begin{array}{l} \text{SCOTLAND} \\ \text{NORTH} \end{array} \right. \\ \\ 1 \left\{ \begin{array}{l} \text{SCOTLAND} \\ \text{EAST} \end{array} \right. \\ \\ 2 \left\{ \begin{array}{l} \text{ENGLAND} \\ \text{N E} \end{array} \right. \\ \\ 3 \left\{ \begin{array}{l} \text{ENGLAND} \\ \text{EAST} \end{array} \right. \\ \\ 4 \left\{ \begin{array}{l} \text{MIDLAND} \\ \text{COUNTIES} \end{array} \right. \\ \\ 5 \left\{ \begin{array}{l} \text{ENGLAND} \\ \text{SOUTH} \end{array} \right. \end{array}$$

FORECASTS

DISTRICTS

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

FORECASTS

NO ONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 8th OCTOBER 1882

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 24 HOURS. | | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|----------------|---------------------|------|------|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.60 | 31 | NW | 2 | b | 30.28 | — | 46 | 39 | 30 | 4 | 4 | W | 2 | b | 43 | 30 | — | |
| Hernösand | 30.54 | 42 | Z | 0 | b | 30.46 | — | 40 | 40 | 39 | — | 7 | Z | 0 | b | 44 | 40 | — | |
| Stockholm | 30.53 | 49 | W | 1 | b | 30.43 | — | 40 | 46 | 45 | 3 | 3 | Z | 0 | bc | 50 | 45 | — | |
| Wisby | 30.51 | 51 | NW | 2 | a | 30.40 | — | 45 | 53 | 51 | 4 | 3 | ENE | 2 | bc | 52 | 45 | — | |
| Bodö | 30.49 | 49 | SW | 4 | o | 30.43 | — | 46 | 49 | 46 | 4 | 3 | W | 6 | c | 4 | 43 | 0.16 | |
| Christiansund | 30.33 | 48 | E | 2 | b | 30.45 | — | 42 | 46 | 43 | — | 5 | E | 1 | b | 51 | 39 | — | |
| †Skudesnaes | 30.47 | 49 | Z | 0 | o | 30.47 | — | 45 | 50 | 45 | 4 | 1 | SSW | 1 | o | 2 | 52 | 48 | — |
| Oxö (Xiämsund) | 30.45 | 51 | NE | 6 | o | 30.46 | — | 48 | 57 | 48 | — | 3 | NE | 6 | o | 3 | 54 | 38 | — |
| Skagen (The Skaw) | 30.45 | 52 | E | 3 | o | 30.45 | — | 45 | 51 | 47 | 3 | 2 | SE | 3 | o | 2 | 54 | 40 | — |
| Fanö | 30.34 | 49 | ENE | 6 | c | 30.33 | — | 47 | 46 | — | — | 2 | ENE | 4 | c | 4 | 57 | 45 | — |
| Cuxhaven | 30.23 | ? | ESE | 3 | b | 30.26 | — | 49 | 49 | — | — | 1 | ESE | 3 | b | 5 | 55 | 46 | — |
| †Sumburgh Head | 30.44 | 50 | NE | 4 | o | 30.39 | — | 51 | 50 | — | — | 0 | E | 4 | o | 4 | 52 | 48 | 0.01 |
| †Stornoway | 30.31 | 53 | E | 4 | o | 30.21 | — | 51 | 51 | — | — | 1 | E | 5 | o | 4 | 53 | 50 | 0.01 |
| Wick | 30.36 | 52 | E | 5 | o | 30.28 | — | 53 | 52 | — | — | 1 | ESE | 5 | bc | 5 | 55 | 50 | — |
| Nairn | 30.30 | 52 | ENE | 3 | o | 30.23 | — | 54 | 52 | — | — | 2 | ESE | 2 | bc | 0 | 54 | 51 | — |
| †Aberdeen | 30.30 | 54 | E | 5 | o | 30.24 | — | 55 | 54 | — | — | 1 | ESE | 5 | op | 6 | 54 | 51 | 0.06 |
| Leith | 30.23 | 53 | E | 5 | r | 30.17 | — | 54 | 53 | — | — | 0 | E | 2 | c | 4 | 51 | 51 | 0.00 |
| †Shields | 30.15 | 53 | E | 3 | r | 30.18 | — | 54 | 53 | — | — | 0 | ESE | 3 | o | 5 | 55 | 51 | 0.06 |
| Spurn Head | 30.18 | 55 | E | 4 | o | 30.11 | — | 55 | 54 | — | — | 1 | ENE | 4 | c | 4 | 57 | 50 | 0.06 |
| York | 30.13 | 55 | E | 1 | o | 30.15 | — | 55 | 52 | — | — | 0 | E | 1 | o | 4 | 56 | 50 | — |
| Loughborough | 30.09 | 56 | Z | 0 | o | 30.13 | — | 47 | 47 | — | — | 6 | Z | 0 | fc | 2 | 60 | 46 | 0.02 |
| †Ardrossan | 30.15 | 53 | ENE | 3 | o | 30.02 | — | 54 | 54 | — | — | 0 | ENE | 3 | of | 2 | 55 | 51 | 0.03 |
| †Mullaghmore | 30.10 | 55 | SNE | 5 | o | 30.05 | — | 55 | 54 | — | — | 2 | E | 3 | vg | 2 | 56 | 50 | — |
| Donaghadee | 30.13 | 5 | E | 7 | o | 30.11 | — | 55 | 54 | — | — | 0 | SSE | 2 | c | 0 | 55 | 54 | — |
| Parsonstown | 30.04 | 52 | NE | 1 | o | 30.05 | — | 49 | 48 | — | — | 1 | E | 1 | c | 1 | 56 | 46 | 0.05 |
| Barrow-in-Furness | 30.10 | 55 | NNE | 2 | o | 30.12 | — | 55 | 52 | — | — | 1 | NNE | 3 | o | 2 | 56 | 49 | 0.03 |
| †Holyhead | 30.06 | 55 | E | 3 | b | 30.08 | — | 53 | 52 | — | — | 1 | SE | 1 | o | 2 | 54 | 50 | — |
| Liverpool (Bidston) | 30.09 | 55 | ENE | 3 | o | 30.12 | — | 55 | 55 | — | — | 2 | SSE | 2 | bc | 2 | 57 | 49 | 0.01 |
| †Valencia | 30.00 | 56 | N | 2 | o | 29.98 | — | 55 | 53 | — | — | 3 | Z | 0 | bc | 0 | 56 | 49 | 0.02 |
| Roche's Point | 30.00 | 53 | E | 4 | o | 29.98 | — | 55 | 54 | — | — | 0 | SE | 4 | o | 4 | 61 | 50 | 0.20 |
| Pembroke | 29.88 | 55 | E | 2 | o | 30.04 | — | 55 | 54 | — | — | 2 | E | 2 | bc | 1 | 55 | 52 | 0.15 |
| †Scilly | 29.98 | 56 | SSE | 2 | o | 30.00 | — | 54 | 54 | — | — | 2 | SSE | 2 | c | 2 | 55 | 53 | — |
| Prawle Point | 30.04 | 56 | ESE | 4 | c | 30.05 | — | 57 | 56 | — | — | 3 | E | 3 | bc | 3 | 57 | 53 | 0.02 |
| Hurst Castle | 30.05 | 56 | SE | 3 | c | 30.07 | — | 56 | 55 | — | — | 1 | SSE | 1 | c | 2 | 60 | 50 | 0.15 |
| †Dover | 30.10 | 57 | E | 2 | bc | 30.10 | — | 55 | 55 | — | — | 0 | E | 1 | bc | 2 | 58 | 52 | — |
| London | 30.10 | 54 | SSE | 2 | bc | 30.10 | — | 55 | 55 | — | — | 1 | Z | 0 | f | 2 | 65 | 41 | — |
| Oxford | 30.09 | 55 | SE | 1 | o | 30.11 | — | 55 | 49 | — | — | 3 | Z | 0 | fc | 2 | 65 | 44 | — |
| Cambridge | 30.10 | 56 | S | 1 | c | 30.10 | — | 55 | 49 | — | — | 4 | W | 1 | c | 2 | 63 | 43 | — |
| †Yarmouth | 30.11 | 56 | SE | 2 | bc | 30.12 | — | 56 | 54 | — | — | 0 | SE | 3 | bc | 3 | 57 | 45 | — |
| The Helder | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | | | | | | | | | | | | | | | | | | | |
| †Jersey | 30.02 | 57 | ENE | 3 | o | 30.07 | — | 55 | 54 | — | — | 1 | ESE | 2 | vg | 3 | 60 | 50 | 0.06 |
| Brest | 29.97 | 57 | E | 4 | b | 30.01 | — | 55 | 49 | — | — | 1 | SE | 3 | o | 3 | 62 | 46 | — |
| Lorient | 29.90 | 55 | SE | 5 | o | 29.94 | — | 55 | 52 | — | — | 0 | NW | 3 | c | 2 | 64 | 50 | — |
| †Rochefort | 29.90 | 57 | ENE | 4 | c | 30.02 | — | 54 | 53 | — | — | 4 | S | 8 | bc | 2 | 63 | 45 | — |
| Biarritz | 29.84 | 62 | N | 4 | bc | 30.06 | — | 53 | 54 | — | — | 2 | ESE | 4 | bc | 2 | 70 | 50 | 0.02 |
| Cerone | | | | | | 29.93 | — | 57 | 52 | — | — | 1 | E | 3 | b | 2 | 64 | 45 | — |
| Brussels | | | | | | 30.15 | — | 55 | 50 | — | — | 2 | SSE | 1 | c | 1 | 62 | 49 | 0.04 |
| Charleville | 30.13 | 55 | ESE | 3 | c | 30.16 | — | 55 | 49 | — | — | 3 | ESE | 5 | o | 2 | 65 | 47 | 0.08 |
| Paris | 30.09 | 54 | ENE | 3 | o | 30.15 | — | 55 | 50 | — | — | 1 | NE | 4 | bc | 2 | | | 0.02 |
| Lyons | 30.11 | 59 | E | 1 | c | 30.20 | — | 55 | 52 | — | — | 9 | E | 1 | b | 2 | 66 | 3 | 0.04 |
| Toulon | 30.11 | 62 | E | 8 | o | 30.13 | — | 62 | 59 | — | — | 5 | E | 8 | o | 7 | 66 | 54 | 0.04 |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.90 | 50 | E | 2 | c | 29.92 | — | 51 | 49 | 48 | — | 1 | ESE | 1 | bc | 2 | 52 | 46 | 0.16 |

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

| | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|---|----|----|---|---|----|----|------|
| Hawes Junction | 29.90 | 50 | E | 2 | c | 29.92 | — | 51 | 49 | — | 1 | 62 | 46 | 0.16 |
|----------------|-------|----|---|---|---|-------|---|----|----|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | | | |
|---------------|-------|------|------|-------|------|--------|---|--------------------|-------|------|-------|------|------|----|----|----|------|
| Skudesnaes | 30.48 | 52 | 50 | NNW | 2 | 0 | 2 | Valencia | 30.05 | 55 | 53 | NNE | 3 | 0 | 3 | | |
| Sumburgh Head | 30.48 | 57 | 50 | NE | 3 | 0 | 3 | Scilly | 29.98 | 57 | 45 | ESE | 2 | 0 | 2 | | |
| Stornoway | 30.36 | 53 | 52 | E | 4 | 0 | 3 | Dover | 30.0 | 57 | 54 | SSE | 1 | b | 1 | | |
| Aberdeen | 30.32 | 55 | 53 | ENE | 5 | 0 | 5 | London | 30.07 | 61 | 55 | SSE | 2 | bc | 2 | | |
| Shields | 30.19 | 55 | 53 | E | 3 | 0 | 4 | Yarmouth | 30.10 | 57 | 46 | E | 3 | c | 4 | | |
| Ardrossan | 30.20 | 54 | 54 | ENE | 3 | 0 | 2 | Jersey | 30.04 | 59 | 55 | ESE | 2 | bc | 3 | | |
| Mullaghmore | 30.13 | 56 | 52 | E | 5 | o.g.m. | 4 | Rochefort | 29.92 | 57 | 55 | SSE | 5 | c | 2 | | |
| Holyhead | 30.05 | 56 | 54 | ENE | 3 | mg | 3 | Ben Nevis 4406 ft. | 65.74 | 35 | 35 | E | c | f | 39 | 33 | 0.06 |

In the south-east of England the fall of the barometer has ceased, and at Rocheft the mercury is rising again. but on our W and N coast it still falls. The winds and weather are very little changed. 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 (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.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).

DAILY WEATHER REPORT

FOR

MONDAY, 9TH OCTOBER.

1882

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^d per quarter
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ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Monday 9th OCTOBER.

1882

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

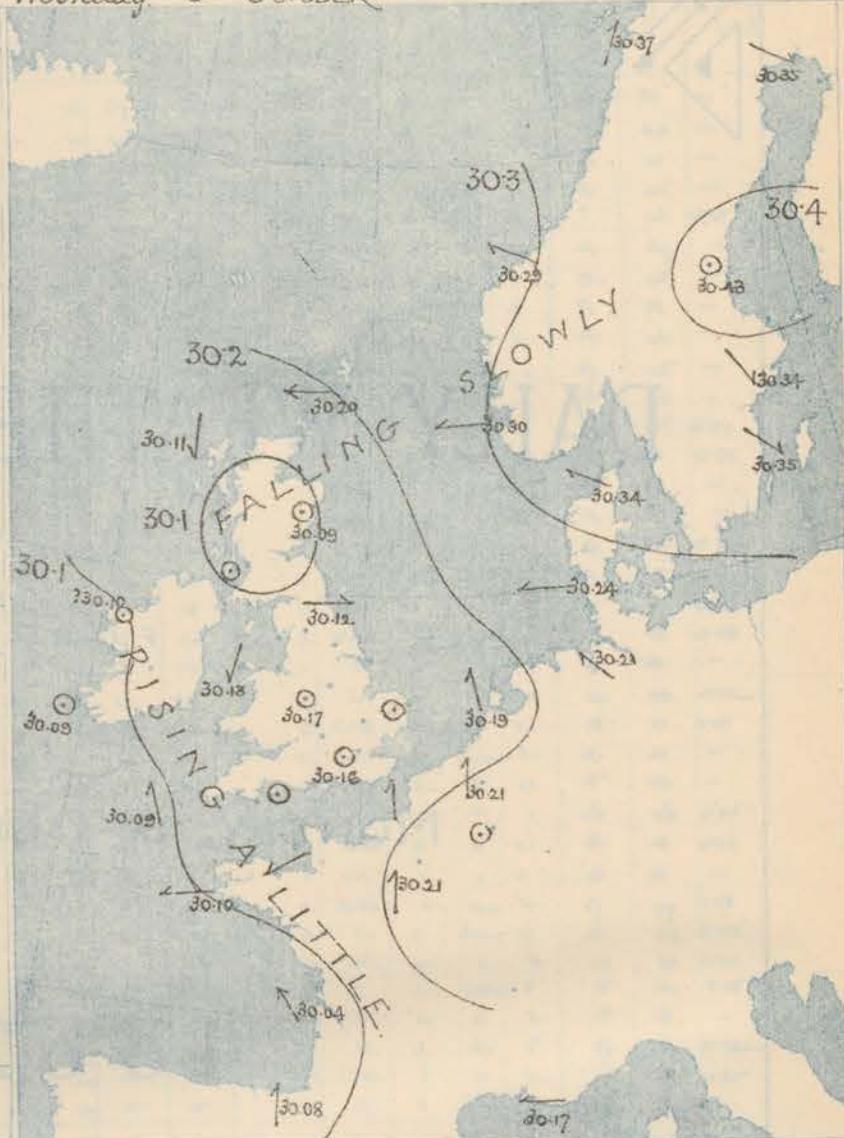
— Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings Inch. |
|-------------|------------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greencastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.820 |
| LONDON | 29.807 |
| Varmouth | 29.812 |

* These means are for the 10 years 1866-75.
A more complete set of mean values is in course of preparation.



REMARKS

for Monday 9th October 1882 at 8 a.m.

The fall of the barometer noticed yesterday over Scandinavia & our Northern districts still continues, & a shallow depression has been formed over Scotland. In England, Ireland & France, however the mercury still rises slowly, & readings are now very uniform. Light or moderate E^{ly} breezes prevail over Norway, Denmark & the N of Scotland, & SE^{ly} winds on our SW coast, but in all other districts calms or light variable air are reported. The weather is fine & bright on our SE coast & also over the NE of France, but foggy or misty over the greater part of our islands, with rain in the N of Scotland. Rain fell in the N. & E yesterday, & lightning was seen last evening at Loughborough, Oxford & London. Temperature has fallen a little except in the SE & ranges from 59° at Hurst Castle to 44° at Loughborough. In London yesterday the thermometer rose to 66°. The sea is moderate off the E. of Scotland, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

10th October

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

DISTRICTS

FORECASTS

| | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | E ^{ly} to variable breezes; dull, rainy. |
| 1 | SCOTLAND EAST | Calms or W ^{ly} airs; cloudy, misty, some rain. |
| 2 | ENGLAND N.E. | Light airs, chiefly W ^{ly} ; cloudy, misty |
| 3 | ENGLAND EAST | Same as N ^o 5 |
| 4 | MIDLAND COUNTIES | Same as N ^o 5 |
| 5 | ENGLAND SOUTH | Calms or light S ^{ly} airs; fine generally, but foggy during night |

DISTRICTS

FORECASTS

| | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | Same as N ^o 1 |
| 7 | ENGLAND N.W. | Light variable airs; fair generally, but some fog. |
| 8 | ENGLAND S.W. | SE ^{ly} winds, light; cloudy |
| 9 | IRELAND NORTH | SE ^{ly} winds, light or moderate; fair generally, but some fog. |
| 10 | IRELAND SOUTH | |

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 3rd OCTOBER 1882

| STATIONS. | YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|---------------|-------------|------|---------------------|------|--|
| | Barometer at 32° F. and Sea Level. | Temp. by 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 | 30.34 | 36 | N | 2 | 0 | 30.35 | + | 07 | 33 | 32 | - | 6 | NW | 2 | 0 | 48 | 25 | - | |
| Hernösand | 30.36 | 40 | Z | 0 | 0 | 30.43 | - | 03 | 41 | 40 | + | 1 | Z | 0 | 0 | 52 | 34 | - | |
| Stockholm | 30.36 | 45 | H | 2 | 0 | 30.34 | - | 19 | 45 | 43 | - | 1 | NNW | 2 | 0 | 54 | 43 | - | |
| Wisby | 30.36 | 52 | WNW | 2 | 0 | 30.35 | - | 05 | 49 | 46 | - | 4 | NW | 4 | 0 | 55 | 3 | - | |
| Bodo | 30.43 | 48 | WSW | 2 | 0 | 30.39 | - | 08 | 46 | 44 | - | 3 | SSW | 2 | 0 | ? | 43 | 0.04 | |
| Christiansund | 30.39 | 45 | ENE | 3 | 0 | 30.29 | - | 16 | 41 | 40 | - | 4 | ESE | 1 | 0 | 52 | 3 | - | |
| †Skudesnaes | 30.38 | 49 | Z | 0 | 0 | 30.30 | - | 17 | 51 | 47 | + | 1 | E | 4 | 0 | 54 | ? | - | |
| Oxö (Xiansund) | 30.38 | 53 | NE | 6 | 0 | 30.31 | - | 14 | 50 | 48 | - | 1 | NE | 6 | 0 | 54 | 38 | - | |
| Skagen (The Skaw) | 30.39 | 52 | ESE | 3 | 0 | 30.34 | - | 14 | 53 | 49 | + | 2 | ESE | 3 | 0 | 54 | 48 | - | |
| Faro | 30.27 | 49 | E | 4 | 0 | 30.24 | - | 09 | 49 | 49 | + | 2 | E | 4 | 0 | 50 | 45 | - | |
| Cuxhaven | 30.17 | ? | ESE | 3 | 0 | 30.21 | - | 05 | 48 | 47 | - | 1 | SE | 1 | 0 | 50 | 45 | - | |
| †Sumburgh Head | 30.34 | 50 | E | 4 | 0 | 30.20 | - | 19 | 51 | 49 | 0 | E | 4 | 0 | 4 | 53 | 44 | - | |
| †Sternoway | 30.16 | 55 | E | 5 | 0 | 30.11 | - | 10 | 50 | 50 | - | 3 | N | 2 | 0 | 50 | 49 | - | |
| Wick | 30.23 | 55 | ESE | 4 | 0 | 30.11 | - | 17 | 51 | 50 | - | 2 | SE | 3 | 0 | 54 | 50 | 0.05 | |
| Nairn | 30.20 | 54 | ESE | 1 | 0 | 30.09 | - | 14 | 50 | 48 | - | 3 | Z | 0 | 0 | 50 | 51 | 0.02 | |
| †Aberdeen | 30.22 | 54 | E | 4 | 0 | 30.09 | - | 15 | 50 | 52 | - | 2 | Z | 0 | 0 | 50 | 51 | 0.34 | |
| Leith | 30.15 | 54 | E | 1 | 0 | 30.09 | - | 18 | 50 | 49 | - | 4 | Z | 0 | 0 | 55 | 46 | 0.03 | |
| †Shields | 30.13 | 54 | ENE | 3 | 0 | 30.12 | - | 06 | 49 | 48 | - | 5 | N | 1 | 0 | 56 | 46 | 0.08 | |
| Spurn Head | 30.11 | 56 | ESE | 3 | 0 | 30.15 | + | 04 | 48 | 48 | - | 7 | NNW | 1 | 0 | 51 | 48 | - | |
| York | 30.12 | 53 | E | 1 | 0 | 30.15 | 00 | 49 | 49 | - | 4 | S | 1 | 0 | 0 | 50 | 47 | 0.18 | |
| Loughborough | 30.10 | 53 | Z | 0 | 0 | 30.17 | + | 04 | 42 | 42 | - | 5 | Z | 0 | 0 | 50 | 41 | - | |
| †Ardrossan | 30.11 | 54 | ENE | 1 | 0 | 30.10 | - | 02 | 52 | 51 | - | 2 | Z | 0 | 0 | 50 | 50 | 0.07 | |
| †Mullaghmore | 30.05 | 55 | ESE | 3 | 0 | 30.10 | + | 05 | 48 | 48 | - | 5 | E | 2 | 0 | 50 | 46 | 0.05 | |
| Donaghadee | 30.11 | 53 | SE | 2 | 0 | 30.13 | + | 02 | 48 | 48 | - | 7 | S | 1 | 0 | 50 | 42 | - | |
| Parsonstown | 30.06 | 51 | Z | 0 | 0 | 30.13 | + | 08 | 49 | 48 | - | 0 | SE | 1 | 0 | 50 | 47 | 0.02 | |
| Barrow-in-Furness | 30.11 | 57 | N | 2 | 0 | 30.13 | + | 01 | 49 | 46 | - | 6 | NE | 1 | 0 | 62 | 46 | - | |
| †Holyhead | 30.08 | 55 | NNW | 1 | 0 | 30.13 | + | 05 | 54 | 53 | + | 1 | NNE | 1 | 0 | 60 | 46 | - | |
| Liverpool (Midson) | 30.09 | 54 | SSE | 1 | 0 | 30.14 | + | 02 | 53 | 43 | - | 5 | ESE | 1 | 0 | 60 | 42 | - | |
| †Valencia | 30.00 | 55 | SSE | 1 | 0 | 30.09 | + | 11 | 52 | 51 | - | 3 | Z | 0 | 0 | 60 | 46 | - | |
| Roche's Point | 30.01 | 55 | SE | 4 | 0 | 30.05 | + | 10 | 53 | 52 | - | 2 | ESE | 2 | 0 | 60 | 48 | - | |
| Pembroke | 30.07 | 54 | E | 2 | 0 | 30.11 | + | 07 | 50 | 50 | - | 4 | ENE | 1 | 0 | 59 | 48 | 0.01 | |
| †Scilly | 30.02 | 56 | Z | 0 | 0 | 30.09 | + | 09 | 55 | 54 | - | 2 | SSE | 2 | 0 | 61 | 51 | - | |
| Pravle Point | 30.07 | 55 | E | 2 | 0 | 30.14 | + | 09 | 55 | 54 | - | 1 | Z | 0 | 0 | 60 | 49 | - | |
| Hurst Castle | 30.05 | 57 | S | 2 | 0 | 30.14 | + | 07 | 50 | 58 | + | 7 | S | 1 | 0 | 62 | 52 | 0.01 | |
| †Dover | 30.11 | 55 | ENE | 1 | 0 | 30.15 | + | 08 | 50 | 56 | + | 2 | SSW | 2 | 0 | 59 | 51 | - | |
| †London | 30.11 | 55 | E | 1 | 0 | 30.16 | + | 06 | 50 | 54 | + | 2 | Z | 0 | 0 | 60 | 49 | - | |
| Oxford | 30.11 | 50 | Z | 0 | 0 | 30.17 | + | 06 | 48 | 48 | - | 1 | Z | 0 | 0 | 60 | 44 | 0.12 | |
| Cambridge | 30.11 | 57 | Z | 0 | 0 | 30.17 | + | 07 | 49 | 49 | - | 1 | Z | 0 | 0 | 64 | 45 | 0.30 | |
| †Yarmouth | 30.12 | 56 | SE | 2 | 0 | 30.16 | + | 04 | 50 | 55 | - | 1 | Z | 0 | 0 | 59 | 50 | 0.02 | |
| The Helder | 30.15 | 51 | ESE | 1 | 0 | 30.19 | + | 04 | 52 | 52 | - | 1 | SSE | 1 | 0 | 55 | 46 | 0.08 | |
| Cape Gris Nez | 30.13 | 57 | NE | 1 | 0 | 30.18 | + | 05 | 54 | 54 | - | 5 | S | 1 | 0 | 64 | 52 | 0.24 | |
| †Jersey | 30.09 | 58 | SE | 2 | 0 | 30.14 | + | 07 | 50 | 54 | - | 0 | ENE | 3 | 0 | 61 | 52 | - | |
| Brest | 30.06 | 57 | SSW | 3 | 0 | 30.10 | + | 09 | 52 | 57 | + | 2 | E | 4 | 0 | 61 | 50 | - | |
| Lorient | 30.04 | 56 | WNW | 2 | 0 | 30.06 | + | 12 | 52 | 58 | - | 3 | E | 4 | 0 | 63 | 48 | - | |
| †Roche fort | 30.03 | 63 | Z | 0 | 0 | 30.08 | + | 02 | 58 | 57 | - | 4 | SE | 5 | 0 | 72 | 52 | - | |
| Biarritz | 30.02 | 72 | E | 3 | 0 | 30.08 | + | 02 | 66 | 57 | + | 11 | S | 4 | 0 | 72 | 50 | - | |
| Corunna | 30.02 | 72 | E | 3 | 0 | 30.08 | + | 02 | 66 | 57 | + | 11 | S | 4 | 0 | 72 | 50 | - | |
| Brussels | 30.15 | 54 | E | 5 | 0 | 30.24 | + | 06 | 54 | 57 | + | 3 | S | 1 | 0 | 63 | 49 | 0.08 | |
| Charleville | 30.15 | 54 | E | 5 | 0 | 30.28 | + | 12 | 42 | 40 | - | 9 | E | 1 | 0 | 69 | 41 | - | |
| Paris | 30.13 | 57 | SSE | 3 | 0 | 30.21 | + | 06 | 52 | 52 | + | 5 | S | 1 | 0 | 60 | 48 | - | |
| Lyons | 30.12 | 57 | SSE | 3 | 0 | 30.21 | + | 06 | 52 | 52 | + | 5 | S | 1 | 0 | 60 | 48 | - | |
| Toulon | 30.12 | 59 | E | 7 | 0 | 30.17 | + | 04 | 63 | 60 | + | 1 | E | 5 | 0 | 66 | 61 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.58 | 47 | E | 1 | 0 | 29.59 | - | 03 | 48 | 48 | - | 1 | E | 1 | 0 | 52 | 39 | 0.05 | |

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

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|---|----|----|----|---|---|---|---|---|----|----|------|
| Hawes Junction | 30.08 | 47 | E | 1 | 0 | 28.89 | - | 03 | 48 | 48 | - | 1 | E | 1 | 0 | 52 | 39 | 0.08 |
|----------------|-------|----|---|---|---|-------|---|----|----|----|---|---|---|---|---|----|----|------|

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

| Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. |
|----------------|-------|------|-------|------|------|------|------|------|-------|------|------|
| Skudesnaes | 30.42 | 54 | 30 | WNW | 2 | 0 | 52 | | | | |
| Sumburgh Head | | | | | | | | | | | |
| Sternoway | | | | | | | | | | | |
| Aberdeen | | | | | | | | | | | |
| Shields | | | | | | | | | | | |
| Ardrossan | | | | | | | | | | | |
| Mullaghmore | | | | | | | | | | | |
| Holyhead | | | | | | | | | | | |
| Valencia | | | | | | | | | | | |
| Scilly | | | | | | | | | | | |
| Dover | | | | | | | | | | | |
| London | | | | | | | | | | | |
| Yarmouth | | | | | | | | | | | |
| Jersey | | | | | | | | | | | |
| Roche fort | 30.03 | 70 | 60 | S | 1 | 0 | 70 | | | | |
| San Neri Monte | 30.51 | 39 | 39 | E | 6 | f | 39 | 34 | 0.13 | | |
| San Neri 8th | | | | | | | | | | | |

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

DAILY WEATHER REPORT

FOR

TUESDAY, 10TH OCTOBER.

1882

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 10^s

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on TUESDAY, 10TH OCTOBER

1882

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.

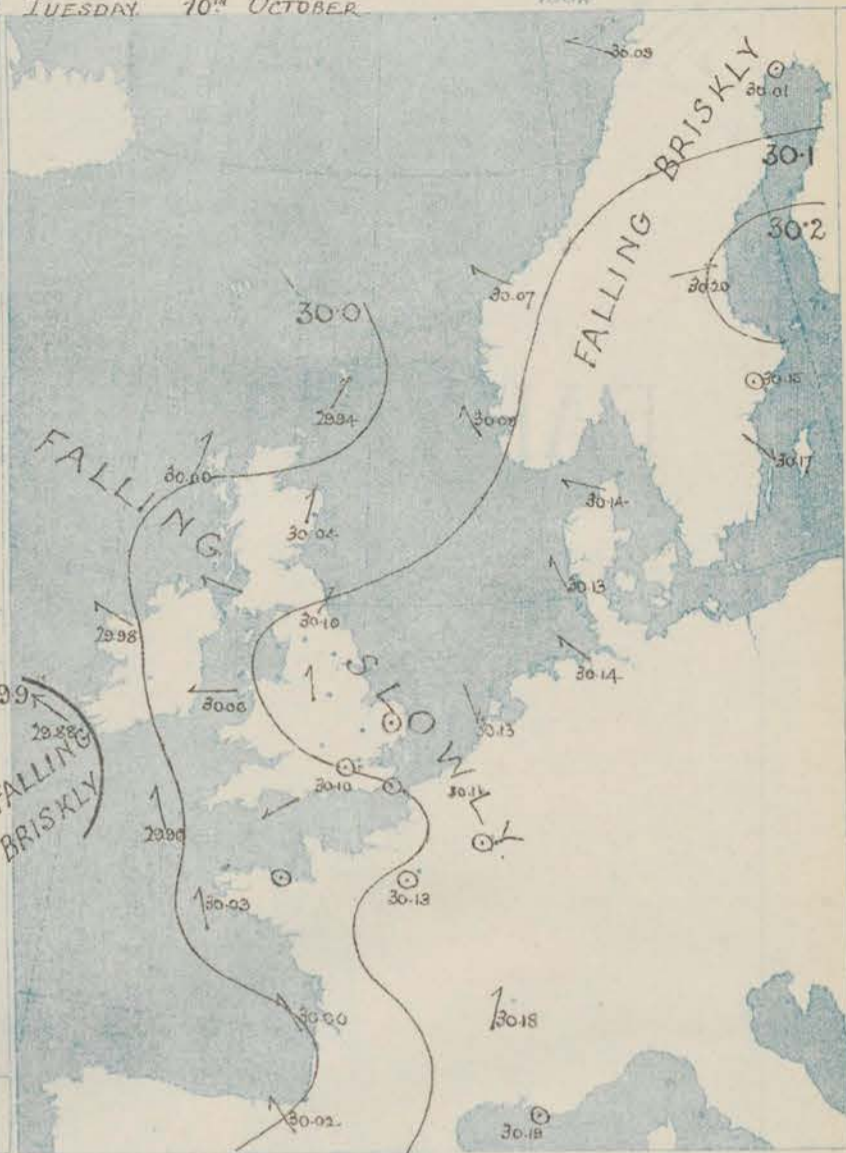
Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings ins. |
|-------------|-----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greencastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.863 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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

AND RAINFALL.

for the month of October.

| Stations | Temp. | Rain-fall ins. |
|--------------------|-------|-------------------|
| Sumburgh Head | 46.4 | 2.64 |
| Stornoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 48.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | 2 |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St. Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday 10th October 1882 at 8 a.m.

The rise of the barometer noticed over France & our S^t stations yesterday has now given place to a fresh fall, & pressure appears to be decreasing in all parts of Wst Europe - briskly in the S. of Ireland. Readings are still highest over Sweden, but a decided depression is advancing towards our SW coasts, while another & shallower disturbance seems to be forming near the Straits of Dover. Light air, chiefly from between S & E, prevail at the English & French stations, but in Scotland there is a SW^{ly} breeze, while in the S. of Ireland fresh & increasing winds from ESE are reported. The weather is fine & bright in the E of Scotland, as well as at Dover & Yarmouth, but elsewhere the sky is generally cloudy, with fog in most districts, & rain at Rock Point. Aurora was seen at Mullaghmore last night. Temperature has fallen several degrees on our NE coasts, but has not changed much elsewhere; readings range from 58° at Dover to 41° at Shields. The highest maxima registered yesterday were 64° in London & 64° at Cambridge. The sea is moderate off the S. of Ireland, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

11th October

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

DISTRICTS

FORECASTS

0 SCOTLAND NORTH

SW^{ly} winds, light, to S^{ly} fresh or strong; cloudy to dull and rainy

1 SCOTLAND EAST

SW^{ly} and S^{ly} winds, light or moderate; fair to cloudy and unsettled

2 ENGLAND N.E.

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

3 ENGLAND EAST

Same as N^o 5

4 MIDLAND COUNTIES

Same as N^o 5

5 ENGLAND SOUTH

E^{ly} airs to S^{ly} winds, light or moderate; cloudy generally, some rain

DISTRICTS

FORECASTS

6 SCOTLAND WEST

SE^{ly} to S^{ly} winds, light; dull, some rain

7 ENGLAND N.W.

E^{ly} to SE^{ly} or S^{ly} winds, light or moderate; cloudy, unsettled, some rain

8 ENGLAND S.W.

SE^{ly} and S^{ly} winds, moderate or fresh, cloudy, some rain

9 IRELAND NORTH

SE^{ly} to S^{ly} winds, fresh or strong; dull, unsettled, rainy

10 IRELAND SOUTH

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

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 10th OCTOBER 1882

| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|--|--------------------|-------|----------------------|----------|---|---|-------------|------|---|-------|----------------------|----------|--------------------|-------------|------|---------------------------|------|--|
| STATIONS. | Baromet. at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Temp. (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 | 36 | Z | 0 | b | 30.01 | — | 34 | 32 | 31 | — | 1 | Z | 0 | b | 43 | 27 | — | |
| Hernösand | 30.19 | 45 | Z | 0 | o | 30.20 | — | 33 | 40 | 34 | — | 1 | N | 2 | o | 30 | 34 | — | |
| Stockholm | 30.28 | 47 | Z | 0 | o | 30.15 | — | 44 | 45 | 44 | — | 0 | Z | 0 | o | 50 | 42 | — | |
| Wisby | 30.26 | 49 | NW | 2 | o | 30.17 | — | 18 | 50 | 45 | + | 1 | NW | 2 | o | 51 | 46 | — | |
| Bodö | 30.21 | 44 | E | 2 | c | 30.09 | — | 28 | 43 | 40 | — | 3 | ESE | 2 | c | 48 | 41 | — | |
| Christiansund | 30.19 | 44 | WSW | 2 | o | 30.07 | — | 22 | 49 | 45 | + | 8 | ESE | 1 | o | 37 | 37 | — | |
| † Skudesnæs | 30.18 | 44 | SE | 6 | o | 30.09 | — | 21 | 53 | 50 | + | 2 | SSE | 2 | r | 35 | 35 | — | |
| Oxö (Kristiansund) | 30.22 | 50 | NNE | 4 | o | 30.12 | — | 20 | 50 | 49 | — | 0 | NNE | 4 | o | 32 | 48 | — | |
| Skagen (The Skaw) | 30.24 | 51 | ESE | 3 | o | 30.14 | — | 20 | 52 | 45 | — | 0 | ESE | 3 | o | 33 | 48 | — | |
| Fanö | 30.18 | 50 | Z | 0 | b | 30.13 | — | 11 | 50 | 33 | + | 1 | SSE | 3 | f | 39 | 48 | — | |
| Cuxhaven | 30.16 | 5 | NNW | 1 | f | 30.14 | — | 07 | 46 | 46 | — | 2 | SE | 1 | f | 34 | 42 | — | |
| † Sumburgh Head | 30.24 | 52 | E | 4 | o | 29.94 | — | 26 | 51 | 50 | — | 0 | SW | 3 | c | 33 | 48 | 0.11 | |
| † Stornoway | 30.22 | 52 | N | 2 | r | 30.00 | — | 11 | 50 | 50 | — | 0 | SW | 3 | o | 34 | 45 | 0.12 | |
| Wick | 30.20 | 50 | Z | 0 | b | 30.00 | — | 11 | 5 | 49 | — | 0 | SE | 1 | c | 35 | 45 | 0.21 | |
| Nairn | 30.04 | 44 | Z | 0 | c | 30.03 | — | 06 | 50 | 48 | — | 1 | NNW | 1 | b | 35 | 48 | — | |
| † Aberdeen | 30.04 | 44 | S | 1 | o | 30.04 | — | 05 | 47 | 46 | — | 6 | SW | 1 | b | 38 | 45 | — | |
| Leith | 30.08 | 52 | W | 1 | o | 30.07 | — | 02 | 42 | 41 | — | 8 | WSW | 1 | bf | 39 | 41 | 0.01 | |
| † Shields | 30.11 | 53 | E | 1 | o | 30.10 | — | 02 | 41 | 41 | — | 8 | SW | 2 | f | 36 | 39 | — | |
| Spurn Head | 30.13 | 54 | ESE | 1 | c | 30.10 | — | 05 | 40 | 50 | + | 2 | NNW | 1 | f | 35 | 46 | — | |
| York | 30.14 | 54 | S | 1 | b | 30.11 | — | 02 | 48 | 48 | — | 1 | S | 1 | m | 35 | 48 | 0.01 | |
| Loughborough | 30.14 | 52 | WNW | 1 | o | 30.12 | — | 05 | 44 | 43 | + | 2 | ESE | 1 | SW | 60 | 42 | — | |
| † Ardrossan | 30.09 | 50 | SW | 1 | b | 30.08 | — | 02 | 48 | 48 | — | 4 | ESE | 2 | of | 35 | 46 | — | |
| † Mullaghmore | 30.08 | 52 | ESE | 1 | b | 29.98 | — | 12 | 51 | 55 | + | 3 | ESE | 3 | com | 38 | 47 | — | |
| Donaghadee | 30.12 | 50 | Z | 0 | f | 30.07 | — | 06 | 52 | 51 | + | 4 | SSE | 2 | c | 38 | 46 | — | |
| Parsonstown | 30.10 | 54 | Z | 0 | o | 30.00 | — | 13 | 51 | 50 | + | 2 | Z | 0 | og | 60 | 44 | — | |
| Barrow-in-Furness | 30.11 | 56 | NW | 1 | b | 30.10 | — | 03 | 50 | 48 | + | 3 | NE | 2 | of | 35 | 46 | — | |
| † Holyhead | 30.12 | 55 | E | 1 | b | 30.06 | — | 07 | 49 | 49 | — | 5 | E | 2 | SW | 62 | 46 | 0.01 | |
| Liverpool (Sidney) | 30.08 | 49 | SE | 2 | b | 30.09 | — | 05 | 44 | 44 | + | 1 | ESE | 2 | f | 39 | 43 | — | |
| † Valencia | 30.06 | 57 | SSE | 3 | b | 29.98 | — | 21 | 57 | 56 | + | 5 | ESE | 5 | og | 41 | 49 | — | |
| Roche's Point | 30.06 | 55 | SE | 3 | c | 29.96 | — | 12 | 56 | 56 | + | 3 | ESE | 5 | r | 39 | 51 | 0.10 | |
| Pembroke | 30.10 | 54 | SSE | 1 | b | 30.02 | — | 09 | 52 | 51 | + | 1 | E | 2 | o | 57 | 49 | 0.01 | |
| † Scilly | 30.06 | 46 | SSE | 3 | o | 29.96 | — | 10 | 57 | 57 | + | 2 | SSE | 4 | f | 57 | 53 | 0.01 | |
| Prawle Point | 30.12 | 55 | ENE | 2 | o | 30.04 | — | 10 | 57 | 57 | + | 2 | ENE | 3 | o | 59 | 54 | — | |
| Hurst Castle | 30.13 | 57 | SH | 1 | c | 30.06 | — | 08 | 55 | 54 | — | 6 | ENE | 1 | c | 60 | 51 | — | |
| † Dover | 30.14 | 58 | E | 1 | b | 30.07 | — | 11 | 58 | 57 | + | 1 | NNE | 1 | bf | 61 | 52 | — | |
| London | 30.14 | 57 | S | 1 | b | 30.10 | — | 06 | 53 | 52 | — | 2 | Z | 0 | f | 67 | 50 | 0.2 | |
| Oxford | 30.13 | 52 | Z | 0 | b | 30.10 | — | 07 | 47 | 47 | — | 1 | SE | 1 | f | 59 | 46 | 0.25 | |
| Cambridge | 30.14 | 56 | W | 1 | c | 30.10 | — | 07 | 48 | 48 | — | 1 | W | 1 | of | 64 | 40 | — | |
| † Yarmouth | 30.13 | 47 | SSE | 1 | b | 30.10 | — | 06 | 49 | 48 | — | 6 | Z | 0 | bf | 60 | 44 | — | |
| The Helder | 30.16 | 55 | NNW | 1 | b | 30.13 | — | 06 | 52 | 52 | — | 0 | N | 1 | f | 59 | 50 | — | |
| Cape Gris Nez | | | | | | | | | | | | | | | | | | | |
| † Jersey | 30.10 | 58 | ENE | 1 | of | 30.05 | — | 09 | 57 | 57 | + | 2 | S | 1 | f | 61 | 54 | — | |
| Brest | 30.06 | 59 | E | 3 | o | 30.03 | — | 07 | 58 | 58 | + | 6 | SSE | 1 | m | 61 | 50 | — | |
| Lorient | 30.08 | 59 | SSE | 3 | m | 30.02 | — | 08 | 57 | 57 | + | 3 | SSW | 1 | m | 65 | 48 | — | |
| † Rochefort | 30.07 | 64 | SE | 4 | o | 30.00 | — | 08 | 57 | 58 | — | 0 | SE | 3 | f | 68 | 52 | — | |
| Biarritz | 30.07 | 72 | E | 1 | o | 30.02 | — | 06 | 66 | 60 | — | 0 | SE | 1 | c | 51 | 64 | — | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | 30.11 | — | 10 | 55 | 54 | + | 4 | S | 1 | o | 65 | 53 | — | |
| Charleville | | | | | | 30.21 | — | 07 | 42 | ? | — | 0 | E | 1 | b | 69 | 41 | — | |
| Paris | 30.15 | 59 | Z | 0 | o | 30.13 | — | 05 | 52 | 51 | — | 0 | Z | 0 | f | | | — | |
| Lyons | 30.17 | 66 | NE | 1 | o | 30.15 | — | 05 | 53 | | — | | SSW | 1 | com | 60 | 57 | — | |
| Toulon | 30.19 | 64 | E | 5 | o | 30.19 | — | 02 | 62 | 61 | — | 1 | NW | 1 | m | 68 | 59 | — | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.89 | 47 | E | 1 | | 28.80 | — | 04 | 42 | 42 | — | 6 | E | 1 | f | 57 | 40 | — | |

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | | | |
|-------------------------|-------|------|------|-------|------|------|---|--------------------|-------|------|-------|------|------|----|----|----|------|
| Skudesnæs ... | 30.23 | 55 | 49 | SE | 6 | 0 | 3 | Valencia ... | 30.06 | 61 | 56 | ESE | 2 | 30 | 3 | | |
| Sumburgh Head | 30.21 | 52 | 57 | E | 3 | 0 | 4 | Scilly ... | 30.07 | 56 | 50 | ESE | 3 | 0 | 2 | | |
| Stornoway ... | 30.06 | 54 | 53 | W | 2 | 0 | 2 | Dover ... | 30.16 | 60 | 50 | SW | 1 | 62 | 1 | | |
| Aberdeen ... | 30.05 | 56 | 54 | SSE | 1 | c | 4 | London ... | 30.13 | 63 | 57 | SSE | 2 | 0 | | | |
| Shields ... | 30.11 | 54 | 52 | W | 2 | m | 3 | Yarmouth ... | 30.15 | 59 | 53 | SE | 2 | 6 | 2 | | |
| Ardrossan ... | 30.10 | 54 | 54 | NNW | 1 | o | 1 | Jersey ... | 30.10 | 60 | 58 | NE | 2 | 0 | 2 | | |
| Mullaghmore ... | 30.10 | 57 | 54 | SW | 2 | 60 | 2 | Rochefort | 30.07 | 64 | 63 | SE | 5 | 0 | | | |
| Holyhead .. | 30.12 | 58 | 55 | NNW | 1 | b | 0 | Ben Nevis 4406 ft. | 28.55 | 57 | 57 | Z | 0 | f | 39 | 36 | 0.19 |
| Same on 9 th | | | | | | | | | | | | | | | | | |

The barometer is falling generally and the distribution of pressure is becoming somewhat irregular. Wind and little changed, and the weather although fine on the SE coast of England and at Holyhead is cloudy or overcast elsewhere. The sea is smooth both 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 (hazy) or overcast; p. passing showers; q. equally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 8 p.m. in our islands (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 OCTOBER.

1882

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 10^s

ROBERT H. SCOTT
(SECRETARY.)

Printed by D. B. Pinnerfield, Lichfield, Staffordshire.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 11th OCTOBER. 1882

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.

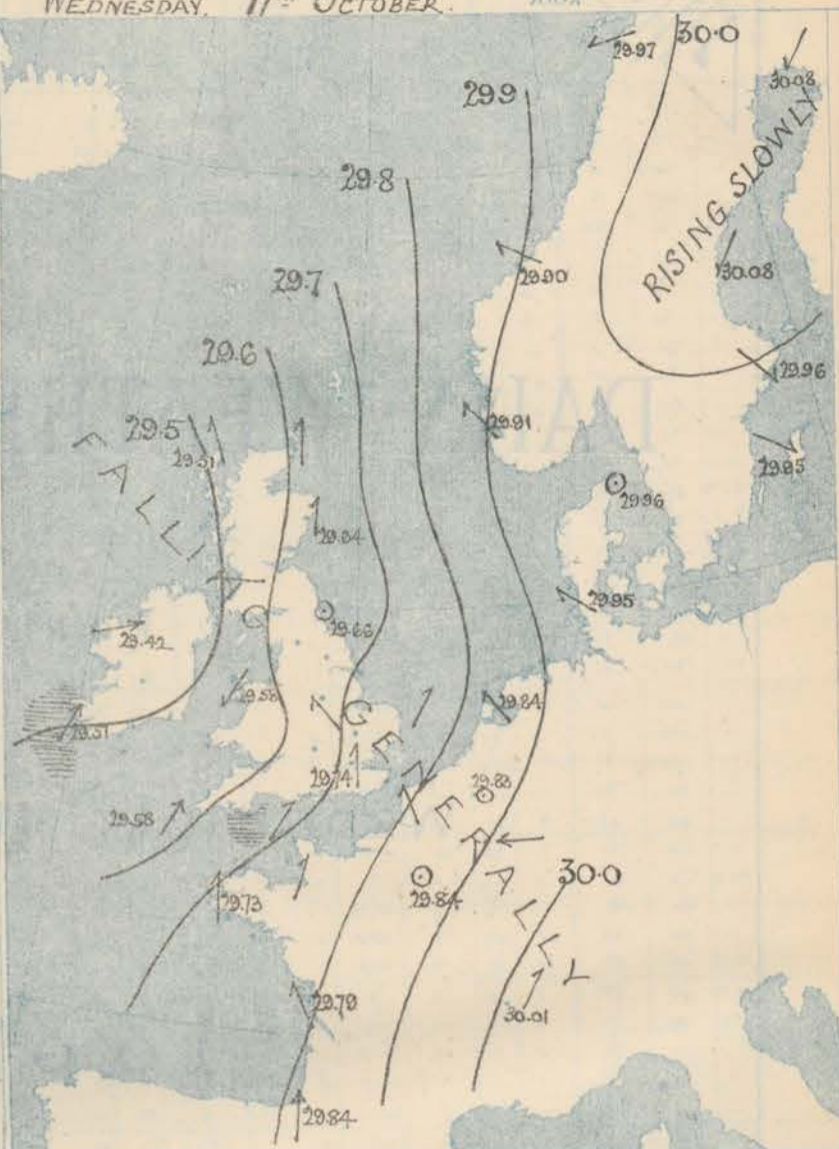
Sea Disturbance, where considerable, is shown by shading round the coast; thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings In. |
|--------------|----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenacastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

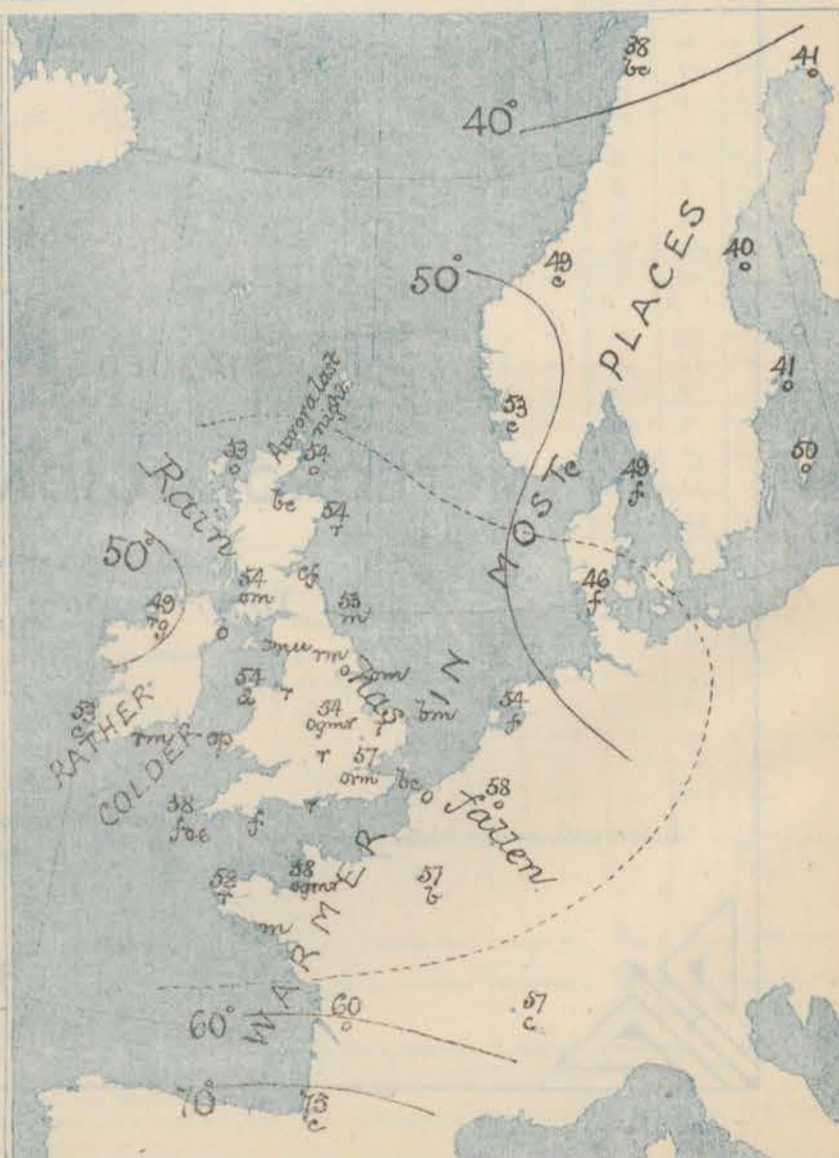
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

| Stations | Temp. | Rain-fall |
|-------------------|-------|-----------|
| Sundbury Head | 46.4 | 2.64 |
| Sornoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 48.3 | 2.61 |
| York | 49.9 | 2.86 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Silly (St Mary's) | 50.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.5 | 2.84 |
| Wormouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

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

The barometer is rising slowly in the N. of Sweden, but continues to fall in all other parts of W^{est} Europe, & a large shallow depression lies off our NW coasts, while a smaller & still shallower disturbance is found over Wales. In Ireland & the SH of England the winds are SW^{ly}, but in all other districts they are S^{ly}, excepting in Sweden, where they vary between NW & NE. In force they are light or moderate generally. The weather is cloudy or overcast at nearly all stations, with rain & mist in many places. In the course of the past 24 hours rain has fallen generally. Aurora was seen at Wick last evening. Temperature has risen over England & France and continues rather high; readings over our Islands range from 58° along the S. coasts of England to 48° at Narvik, but at Bodavitz the thermometer is as high as 75°. The sea is rough at Valencia & rather so at Prawle Point, moderate or smooth elsewhere.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

12th October

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

DISTRICTS

FORECASTS

1 SCOTLAND
NORTH

SW^{ly} to S^{ly} winds, moderate to fresh; cloudy, unsettled, some rain

2 SCOTLAND
EAST

S^{ly} winds, light or moderate; cloudy, misty, rainy

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

SW^{ly} to S^{ly} winds, light or moderate, dull and misty, with rain at times

DISTRICTS

FORECASTS

7 SCOTLAND
WEST

Same as N^o 1 & 2

8 ENGLAND
N.W.

Same as N^o 1 & 2

9 ENGLAND
S.W.

S^{ly} to SW^{ly} winds, moderate and fresh; dull, rain at times

10 IRELAND
NORTH

S^{ly} to SW^{ly} winds, fresh or strong, cloudy generally, with occasional rain

11 IRELAND
SOUTH

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

WARNINGS

NONE ISSUED

METEOROLOGICAL OBSERVATIONS FOR 11TH OCTOBER. 1882

| STATIONS. | YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|----------------|----|-----------------------------------|------|------|-----------------------------------|--------|-------------------|----------|---------------|----------------|------|---------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | 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. |
| | | | Dirac. | Force, (0 to 12). | | | | | | | | | Dirac. | Force, (0 to 12). | | | Max. | Min. | |
| Haparanda | 29.95 | 36 | Z | 0 | o | 30.08 | + | 27 | 44 | 32 | + | 9 | NE | 4 | o | o | 45 | 27 | - |
| Hernösand | 30.02 | 37 | Z | 0 | e | 30.08 | - | 12 | 40 | 38 | - | 0 | NE | 2 | o | o | 52 | 36 | - |
| Stockholm | 30.00 | 44 | NW | 2 | o | 29.96 | - | 19 | 41 | 39 | - | 4 | NW | 2 | o | o | 48 | 41 | - |
| Wisby | 30.03 | 49 | SSW | 2 | o | 29.95 | - | 22 | 50 | 47 | - | 0 | NW | 4 | o | o | 54 | 48 | - |
| Bodö | 30.02 | 42 | Z | 0 | o | 29.97 | - | 12 | 38 | 37 | - | 5 | E NE | 2 | bc | 1 | 45 | 36 | - |
| Christiansund | 29.98 | 49 | SSE | 1 | o | 29.90 | - | 17 | 49 | 46 | - | 0 | ESE | 1 | e | 1 | 52 | 43 | - |
| † Skudesnaes | 30.01 | 54 | S | 4 | o | 29.91 | - | 18 | 53 | 50 | - | 0 | SE | 4 | e | 4 | 55 | ? | - |
| Oxö (Xtiansund) | 30.02 | 52 | NNW | 1 | bc | 29.94 | - | 18 | 43 | 43 | - | 7 | N | 4 | e | 2 | 54 | 43 | - |
| Skagen (The Skaw) | 30.03 | 49 | WSW | 2 | b | 29.96 | - | 18 | 48 | 48 | - | 5 | Z | 0 | f | 0 | 54 | 41 | - |
| Fanö | 30.05 | 51 | SSE | 2 | m | 29.95 | - | 18 | 46 | 45 | - | 4 | ESE | 3 | f | o | 53 | 41 | 0.04 |
| Cuxhaven | | | | | | | | | | | | | | | | | | | |
| † Sumburgh Head | | | | | | | | | | | | | | | | | | | |
| † Stornoway | 29.85 | 52 | SSW | 4 | bc | 29.51 | - | 49 | 53 | 52 | + | 3 | SSE | 4 | o | o | 55 | 48 | 0.10 |
| Wick | 29.88 | 53 | SSE | 3 | bc | 29.60 | - | 40 | 54 | 52 | + | 3 | S | 4 | o | 4 | 56 | 45 | - |
| Nairn | 29.87 | 50 | Z | 0 | b | 29.57 | - | 46 | 48 | 47 | - | 2 | Z | 0 | bc | 1 | 56 | 46 | 0.12 |
| † Aberdeen | 29.94 | 53 | S | 3 | bc | 29.64 | - | 40 | 54 | 53 | + | 7 | S | 2 | r | 1 | 60 | 46 | 0.03 |
| Leith | 29.86 | 52 | SE | 1 | o | 29.61 | - | 46 | 53 | 51 | + | 10 | Z | 0 | ef | o | 57 | 44 | 0.08 |
| † Shields | 29.96 | 50 | SW | 2 | om | 29.66 | - | 44 | 53 | 52 | + | 12 | WSW | 1 | m | 2 | 53 | 39 | - |
| Spurn Head | 29.99 | 54 | ESE | 3 | o | 29.71 | - | 39 | 55 | 55 | + | 5 | S | 4 | om | 2 | 56 | 49 | 0.02 |
| York | 29.99 | 51 | SSE | 1 | o | 29.69 | - | 42 | 53 | 53 | + | 5 | SSE | 1 | o | o | 54 | 48 | 0.01 |
| Loughborough | 29.97 | 53 | SE | 1 | o | 29.70 | - | 42 | 54 | 54 | + | 10 | SE | 1 | ogm | o | 55 | 43 | 0.04 |
| † Ardrossan | 29.88 | 54 | E | 2 | o | 29.54 | - | 52 | 54 | 54 | + | 6 | E | 2 | om | 1 | 57 | 47 | 0.06 |
| † Mullaghmore | 29.71 | 55 | ESE | 5 | o | 29.42 | - | 56 | 49 | 49 | - | 2 | WSW | 5 | rf | 4 | 57 | 49 | 0.10 |
| Donaghadee | 29.85 | 54 | SSE | 4 | o | 29.54 | - | 53 | 55 | 55 | + | 3 | S | 3 | o | 1 | 56 | 51 | 0.08 |
| Parsonstown | 29.75 | 57 | SW | 1 | o | 29.46 | - | 54 | 54 | 53 | + | 3 | S | 1 | r | o | 60 | 50 | 0.07 |
| Barrow-in-Furness | 29.95 | 54 | E | 3 | o | 29.64 | - | 46 | 54 | 53 | + | 4 | ESE | 3 | om | 3 | 55 | 49 | 0.03 |
| † Holyhead | 29.85 | 55 | SSE | 2 | o | 29.58 | - | 48 | 54 | 53 | + | 5 | NE | 2 | d | 1 | 58 | 49 | 0.02 |
| Liverpool (Bidston) | 29.91 | 51 | ESE | 3 | o | 29.61 | - | 48 | 53 | 53 | + | 9 | Z | 0 | r | 2 | 58 | 44 | 0.22 |
| † Valencia | 29.76 | 57 | SSE | 6 | ogm | 29.51 | - | 57 | 53 | 50 | - | 4 | SW | 5 | e | 6 | 59 | 47 | 0.22 |
| Roche's Point | 29.83 | 58 | SW | 4 | o | 29.51 | - | 45 | 55 | 55 | - | 1 | SW | 4 | om | 4 | 54 | 53 | 0.40 |
| Pembroke | 29.89 | 56 | SSW | 3 | o | 29.55 | - | 47 | 57 | 57 | + | 5 | SSW | 2 | up | 3 | 58 | 52 | 0.14 |
| † Scilly | 29.89 | 58 | S | 1 | o | 29.55 | - | 38 | 58 | 58 | + | 1 | SW | 3 | f | 4 | 62 | 56 | 0.64 |
| Prawle Point | 29.95 | 57 | S | 2 | o | 29.67 | - | 37 | 57 | 57 | + | 0 | SSW | 4 | f | 5 | 58 | 56 | 0.01 |
| Hurst Castle | 29.96 | 58 | WSW | 1 | om | 29.71 | - | 35 | 58 | 58 | + | 3 | SW | 3 | r | 2 | 60 | 55 | 0.12 |
| † Dover | 29.96 | 59 | Z | 0 | bc | 29.79 | - | 38 | 58 | 57 | - | 0 | S | 2 | bc | 1 | 62 | 57 | 0.05 |
| † London | 29.96 | 61 | Z | 0 | om | 29.74 | - | 36 | 57 | 56 | + | 4 | S | 2 | om | o | 63 | 50 | 0.07 |
| Oxford | 29.94 | 58 | Z | 0 | o | 29.69 | - | 44 | 56 | 56 | + | 9 | SSE | 1 | r | o | 58 | 47 | 0.09 |
| Cambridge | 29.95 | 58 | Z | 0 | o | 29.73 | - | 37 | 55 | 55 | + | 7 | S | 1 | r | o | 58 | 47 | 0.11 |
| † Yarmouth | 29.99 | 58 | ESE | 2 | rf | 29.77 | - | 33 | 57 | 57 | + | 8 | SW | 2 | bm | 2 | 58 | 47 | 0.06 |
| The Helder | 30.02 | 53 | E NE | 1 | f | 29.84 | - | 29 | 54 | 53 | + | 2 | SE | 1 | p | 1 | 54 | 52 | 0.04 |
| Cape Gris Nez | 30.02 | 63 | SSE | 3 | m | 29.80 | - | 37 | 57 | 57 | - | 0 | SSE | 1 | o | 0 | 66 | 57 | 0.32 |
| † Jersey | 29.99 | 58 | Z | 0 | ofr | 29.74 | - | 31 | 58 | 58 | + | 1 | SSW | 3 | ogm | 3 | 60 | 56 | 0.22 |
| Brest | 29.98 | 59 | S | 4 | m | 29.70 | - | 30 | 58 | ? | - | 0 | S | 4 | r | ? | ? | ? | ? |
| Lorient | 29.95 | 59 | S | 1 | m | 29.75 | - | 27 | 59 | 58 | + | 4 | SE | 1 | m | 2 | 61 | 54 | 0.08 |
| † Rochefort | 29.95 | 67 | Z | 0 | b | 29.77 | - | 23 | 60 | 59 | + | 2 | SE | 3 | o | 0 | 72 | 54 | - |
| Biarritz | 29.99 | 73 | E | 1 | c | 29.84 | - | 18 | 75 | 64 | + | 9 | S | 5 | e | 1 | 82 | 69 | - |
| † Corunna | * | * | * | * | * | 29.78 | - | 15 | 64 | 61 | - | 3 | SSE | 5 | c | 2 | 77 | 61 | 0.04 |
| Brussels | * | * | * | * | * | 29.83 | - | 28 | 58 | 57 | - | 0 | SE | 1 | o | o | 66 | 56 | 0.08 |
| Charleville | 30.11 | 56 | E | 4 | b | 29.95 | - | 26 | 58 | 54 | + | 16 | E | 5 | o | o | 71 | ? | 0.20 |
| Paris | 30.03 | 61 | S | 1 | bc | 29.84 | - | 22 | 57 | 56 | + | 5 | Z | 0 | o | o | * | * | - |
| Lyons | 30.08 | 64 | SSE | 1 | bc | 30.01 | - | 47 | 57 | 56 | - | 2 | SW | 1 | c | o | 74 | 54 | - |
| Toulon | | | | | | | | | | | | | | | | | | | |

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

| | | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|---|----|----|----|---|---|-----|---|---|---|----|----|------|
| Hawes Junction | 29.72 | 46 | E | 1 | m | 28.43 | - | 42 | 51 | 50 | + | 9 | ESE | 1 | r | o | 57 | 41 | 0.04 |
|----------------|-------|----|---|---|---|-------|---|----|----|----|---|---|-----|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | | | |
|-----------------|-------|------|------|-------|------|------|---|--------------------|-------|------|-------|------|------|----|----|----|---|
| Skudesnaes ... | 30.06 | 55 | 52 | S | 5 | o | 4 | Valencia ... | 29.82 | 57 | 55 | S | 4 | om | 4 | | |
| Sumburgh Head | 29.93 | 53 | 50 | N | 3 | c | 3 | Scilly ... | 29.93 | 60 | 57 | SW | 3 | o | 4 | | |
| Stornoway ... | 29.93 | 54 | 53 | SSW | 2 | o | 3 | Dover .. | 30.03 | 61 | 59 | Z | o | bm | 0 | | |
| Aberdeen ... | 29.99 | 55 | 52 | S | 2 | b | 1 | London ... | 30.01 | 62 | 60 | ESK | 1 | om | * | | |
| Shields ... | 30.02 | 49 | 48 | SW | 2 | om | 2 | Yarmouth ... | 30.06 | 56 | 55 | NNE | 1 | f | 2 | | |
| Ardrossan ... | 29.96 | 56 | 55 | E | 1 | c | 1 | Jersey ... | 30.01 | 59 | 59 | Z | o | o | 0 | | |
| Mullaghmore ... | 29.84 | 56 | 53 | SE | 5 | ogm | 3 | Rochefort ... | 29.99 | 70 | 65 | Z | o | m | 2 | | |
| Holyhead .. | 29.95 | 58 | 53 | SSE | 2 | o | 1 | Ben Nevis 4406 ft. | 25.49 | 36 | 35 | S | 2 | f | 38 | 33 | - |

The barometer continues to fall generally, most in the W. The winds have varied to S, at Valencia and to SW at Scilly, but elsewhere there is little change. Fog and mist are still reported in the E. and SE. of England.

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in our Islands (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 charts.

DAILY WEATHER REPORT

FOR

THURSDAY, 12TH OCTOBER.

1882

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.)

Printed by T. D. D. at the Office of the Secretary, 116, Victoria St. London.

WEATHER CHARTS

for 8 a.m. on Thursday, 12th OCTOBER, 1882

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.

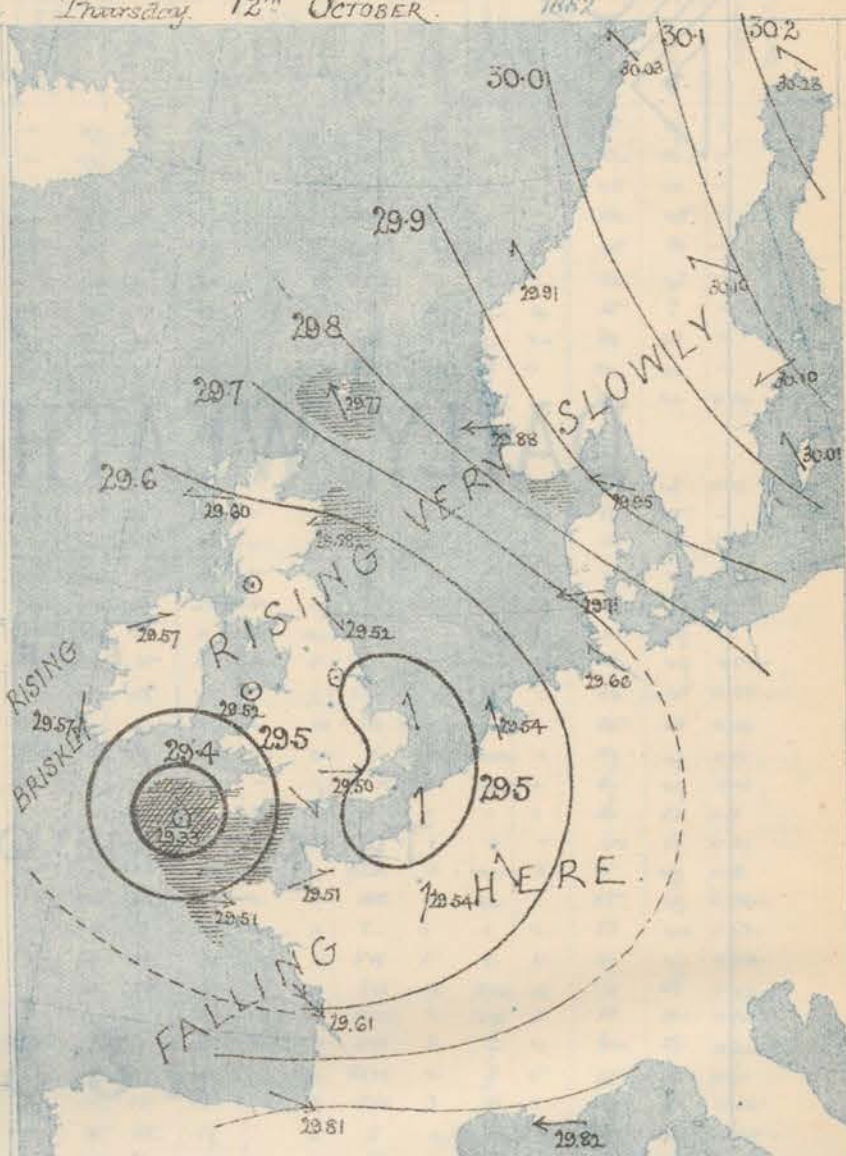
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings Ins. |
|-------------|-----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenock | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1868-75. A more complete set of mean values is in course of preparation.



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.

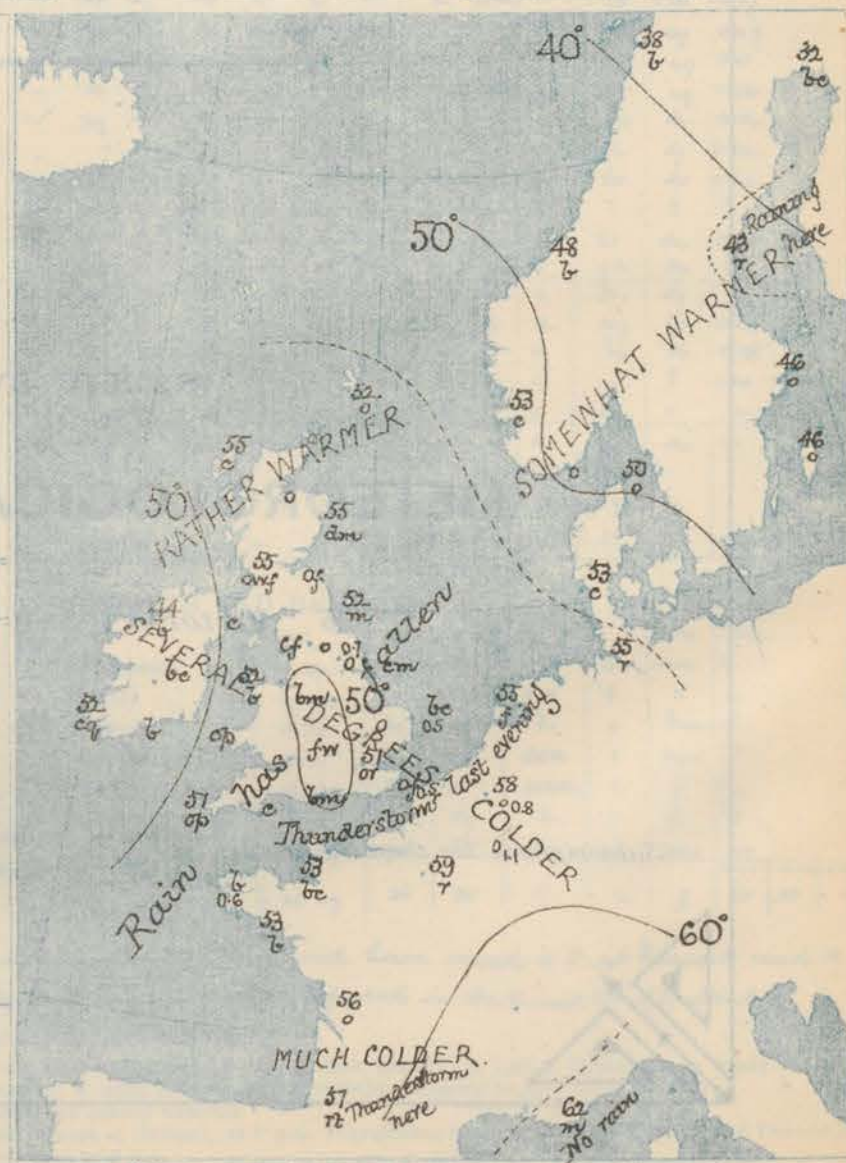
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October.

| Stations | Temp. | Rain-fall. |
|-------------------|-------|------------|
| | ° | ins. |
| Sumburgh Head | 46.4 | 2.64 |
| Stormoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 48.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullingmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.64 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain, are those for the 10 years 1866 to 1875.



REMARKS

for Thursday 12th October 1882 at 8 a.m.

The depression which lay off our W coasts yesterday has apparently travelled SE^{wards} in the course of the night, & is now found near Scilly, while the subsidiary disturbances are lying over the Est & SEst counties of England. The barometer is still falling over France & Sth England, but is rising in all other places, & is highest over the N. of Sweden. Est & SEst winds prevail in Scandinavia, Denmark & Scotland, Nth breezes in Ireland, & strong W^{est} winds in the W. of France, but on our Sth coasts very variable breezes are reported. The weather is fine in Ireland & the NW of England, cloudy or overcast elsewhere, with fog or mist at the Nth, & showers at the Sth stations. Rain fell generally yesterday & a thunderstorm occurred at Jersey in the afternoon. Temperature has risen a little in the N., but fallen several degrees elsewhere, readings range from 58° at Yarmouth & 55° at the Scotch stations to 44° at Mullaghmore & Oxford. The sea is high at Scilly, rather rough on our NE & SW coasts generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the
13th October

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

DISTRICTS

FORECASTS

0 SCOTLAND NORTH

Est winds, moderate or fresh; cloudy.

1 SCOTLAND EAST

-----Dst-----Dst-----Dst-----

2 ENGLAND NE

Est or NEst winds, light or moderate; cloudy, some mist

3 ENGLAND EAST

Same as N^o 5

4 MIDLAND COUNTIES

Same as N^o 5

5 ENGLAND SOUTH

Variable breezes, finally becoming Est; weather slowly improving, but still rather cloudy

DISTRICTS

FORECASTS

6 SCOTLAND WEST

Same as N^o 2

7 ENGLAND N.W.

NEst to Nth winds, light; fair on the whole

8 ENGLAND S.W.

Nth or NWst winds, moderate; dull, and showery to fair

9 IRELAND NORTH

Nth or NEst winds, moderate; fair on the whole

10 IRELAND SOUTH

-----Dst-----Dst-----Dst-----

WARNINGS

The S. Cone which was hoisted last evening in districts 7 to 10 has been lowered again this morning

METEOROLOGICAL OBSERVATIONS FOR 12TH OCTOBER 1882

| STATIONS. | YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | FAST 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. | | | | | | | | | Dir. | Force. | | | Max. | Min. | |
| Haparanda | 30.15 | 26 | L | 0 | b | 30.28 | + | 20 | 32 | 31 | - | 9 | SE | 2 | bc | * | 29 | 25 | - |
| Hernösand | 30.02 | 42 | NE | 2 | r | 30.10 | + | 02 | 42 | 42 | + | 3 | ESE | 2 | r | * | 46 | 37 | 0.08 |
| Stockholm | 30.00 | 45 | NE | 2 | o | 30.10 | + | 14 | 46 | 43 | + | 5 | ENE | 2 | o | * | 46 | 37 | - |
| Wisby | 29.91 | 47 | NW | 2 | o | 30.01 | + | 06 | 46 | 45 | - | 4 | SSE | 2 | o | * | 44 | 46 | - |
| Bodö | 29.99 | 39 | E | 2 | b | 30.03 | + | 06 | 38 | 36 | - | 0 | SE | 2 | b | 1 | 46 | 34 | - |
| Christiansund | 29.89 | 48 | ESE | 2 | b | 29.91 | + | 01 | 48 | 43 | - | 1 | SE | 4 | b | 2 | 44 | 41 | - |
| †Skudesnaes | 29.85 | 53 | ESE | 4 | bc | 29.88 | - | 03 | 53 | 48 | - | 0 | E | 6 | bc | 4 | 3 | ? | - |
| Öxö (Xönsund) | 29.92 | 48 | NE | 6 | o | 29.94 | - | 00 | 44 | 42 | + | 1 | NNE | 8 | o | 6 | 50 | 36 | - |
| Skagen (The Skaw) | 29.93 | 51 | E | 2 | b | 29.95 | - | 01 | 50 | 48 | + | 2 | ESE | 3 | o | 2 | 52 | 48 | - |
| Fanö | 29.74 | 4 | SSE | 5 | o | 29.71 | - | 24 | 55 | 51 | + | 7 | E | 6 | c | * | 55 | 45 | - |
| Cuxhaven | 29.74 | ? | SE | 2 | o | 29.66 | - | 28 | 55 | 55 | + | 2 | SE | 4 | r | * | 59 | 46 | 0.03 |
| †Sumburgh Head | 29.63 | 53 | SE | 4 | o | 29.77 | + | 05 | 52 | 50 | - | 0 | SE | 5 | o | 5 | 54 | 50 | 0.09 |
| †Stornoway | 29.43 | 53 | NNE | 2 | bc | 29.60 | + | 09 | 55 | 50 | + | 2 | E | 2 | c | 2 | 57 | 51 | - |
| Wick | 29.48 | 64 | SE | 4 | f | 29.67 | + | 07 | 54 | 54 | - | 0 | SE | 4 | o | 3 | 57 | 52 | 0.12 |
| Nairn | 29.42 | 53 | E | 2 | bc | 29.60 | + | 03 | 55 | 54 | + | 7 | E | 1 | o | 1 | 60 | 48 | 0.03 |
| †Aberdeen | 29.48 | 54 | SSE | 3 | rmi | 29.58 | - | 06 | 55 | 55 | + | 1 | E | 4 | dm | 5 | 56 | 53 | 0.23 |
| Leith | 29.38 | 53 | SE | 2 | r | 29.55 | - | 06 | 53 | 52 | + | 1 | W | 1 | of | * | 58 | 47 | 0.10 |
| †Shields | 29.42 | 55 | SE | 4 | om | 29.52 | - | 14 | 52 | 51 | - | 1 | NNW | 2 | m | 2 | 57 | 49 | 0.24 |
| Spurn Head | 29.45 | 57 | SSE | 4 | o | 29.47 | - | 24 | 54 | 53 | - | 1 | E | 3 | cm | 2 | 57 | 53 | 0.16 |
| York | 29.45 | 58 | SSE | 1 | o | 29.50 | - | 19 | 51 | 50 | - | 2 | W | 1 | o | * | 58 | 49 | 0.73 |
| Loughborough | 29.47 | 59 | SSW | 2 | r | 29.51 | - | 19 | 48 | 47 | - | 6 | WNW | 1 | ogm | * | 61 | 46 | 0.40 |
| †Ardrossan | 29.34 | 65 | S | 1 | o | 29.56 | - | 00 | 55 | 55 | + | 1 | Z | 0 | out | 0 | 59 | 46 | 0.31 |
| †Mullaghmore | 29.25 | 53 | S | 5 | o | 29.57 | + | 15 | 44 | 43 | - | 5 | WSW | 1 | b | 4 | 57 | 41 | 0.24 |
| Donaghadee | 29.38 | 46 | S | 1 | o | 29.56 | + | 02 | 52 | 51 | - | 3 | NNE | 3 | c | 1 | 55 | 42 | 0.08 |
| Parsonstown | 29.40 | 50 | S | 1 | o | 29.54 | + | 08 | 46 | 45 | - | 8 | Z | 0 | bc | * | 57 | 42 | 0.18 |
| Barrow-in-Furness | 29.41 | 54 | SW | 3 | o | 29.51 | - | 13 | 57 | 46 | - | 7 | NE | 1 | cf | 2 | 58 | 45 | 0.07 |
| †Holyhead | 29.43 | 56 | SSW | 2 | c | 29.52 | - | 06 | 51 | 50 | - | 3 | Z | 0 | b | 0 | 58 | 45 | 0.29 |
| Liverpool (Bidston) | 29.43 | 53 | W | 2 | o | 29.52 | - | 09 | 47 | 45 | - | 6 | Z | 0 | bm | 1 | 60 | 43 | 0.04 |
| †Valencia | 29.35 | 51 | SW | 7 | rmg | 29.57 | + | 06 | 52 | 50 | - | 1 | NNW | 4 | cg | 4 | 57 | 49 | 0.34 |
| Roche's Point | 29.42 | 57 | WSW | 5 | bc | 29.49 | - | 04 | 48 | 46 | - | 7 | W | 5 | b | 4 | 58 | 46 | 0.30 |
| Pembroke | 29.47 | 54 | WSW | 4 | bc | 29.44 | - | 11 | 51 | 50 | - | 6 | ESE | 2 | cp | 4 | 57 | 50 | 0.09 |
| †Scilly | 29.57 | 54 | W | 5 | c | 29.33 | - | 24 | 51 | 50 | - | 7 | Z | 0 | of | 7 | 60 | 50 | 0.27 |
| Prawle Point | 29.56 | 50 | WSW | 4 | o | 29.45 | - | 22 | 53 | 50 | - | 4 | S | 4 | o | 5 | 58 | 48 | 0.05 |
| Hurst Castle | 29.54 | 58 | W | 5 | r | 29.50 | - | 21 | 49 | 48 | - | 9 | NNW | 2 | bm | 3 | 60 | 45 | 0.16 |
| †Dover | 29.58 | 59 | SW | 3 | b | 29.46 | - | 23 | 57 | 56 | - | 1 | N | 3 | of | 1 | 61 | 57 | 0.12 |
| †London | 29.53 | 59 | SW | 2 | or | 29.50 | - | 24 | 51 | 50 | - | 6 | W | 2 | or | * | 61 | 49 | 0.39 |
| Oxford | 29.49 | 55 | SSW | 3 | o | 29.52 | - | 17 | 44 | 44 | - | 12 | Z | 0 | fm | * | 61 | 43 | 0.30 |
| Cambridge | 29.50 | 58 | S | 1 | c | 29.49 | - | 24 | 51 | 50 | - | 4 | N | 1 | o | * | 60 | 49 | 0.25 |
| †Yarmouth | 29.56 | 58 | S | 2 | r | 29.49 | - | 28 | 58 | 57 | + | 1 | SSE | 1 | bc | 2 | 59 | 55 | 0.57 |
| The Helder | 29.59 | 57 | SE | 1 | t | 29.54 | - | 30 | 55 | 55 | + | 1 | SSE | 1 | f | 1 | 59 | 54 | 0.24 |
| Cape Gris Nez | 29.52 | 62 | SW | 1 | c | 29.47 | - | 33 | 58 | 48 | + | 1 | S | 1 | r | 0 | 66 | 57 | 0.47 |
| †Jersey | 29.58 | 60 | WSW | 3 | ogp | 29.51 | - | 23 | 53 | 50 | - | 5 | WSW | 2 | c | 4 | 61 | 49 | 0.57 |
| Brest | 29.67 | 53 | NNW | 4 | o | 29.57 | - | 22 | 52 | 50 | - | 6 | W | 5 | o | 5 | 61 | 50 | 0.59 |
| Lorient | 29.62 | 60 | SSE | 5 | o | 29.54 | - | 21 | 53 | 48 | - | 6 | W | 5 | b | 4 | 63 | 50 | 0.08 |
| †Rocheport | 29.72 | 64 | NNW | 5 | o | 29.61 | - | 18 | 56 | 55 | - | 4 | NNW | 8 | o | 3 | 72 | 52 | 0.28 |
| Biarritz | 29.80 | 70 | S | 1 | t | 29.51 | - | 03 | 57 | 55 | - | 18 | NNW | 7 | rt | 2 | 81 | 52 | 0.39 |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels | * | * | * | * | * | 29.54 | - | 29 | ? | 58 | - | ? | S | ? | ? | * | 70 | 57 | 0.75 |
| Charleville | 29.69 | 65 | SW | 4 | o | 29.64 | - | 31 | 58 | 56 | - | 0 | SE | 1 | o | * | 76 | 57 | 1.14 |
| Paris | 29.65 | 65 | SSE | 3 | o | 29.54 | - | 30 | 59 | 59 | + | 2 | SSW | 1 | r | * | * | * | 0.20 |
| Lyons | 29.57 | 65 | S | 4 | o | 29.66 | - | 35 | 60 | 57 | + | 3 | SE | 1 | c | * | 67 | 57 | - |
| Toulon | 30.03 | 61 | SE | 1 | o | 29.52 | - | 62 | 61 | 61 | - | | E | 5 | m | 4 | 64 | 57 | - |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|---|----|----|----|---|---|----|---|---|---|----|----|------|
| Hawes Junction | 29.22 | 52 | SW | 2 | r | 29.30 | - | 13 | 46 | 45 | - | 5 | NE | 2 | o | * | 55 | 44 | 0.34 |
|----------------|-------|----|----|---|---|-------|---|----|----|----|---|---|----|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|--------------------|-------|------|-------|------|------|-------|----|
| Skudesnaes ... | 29.56 | 56 | 51 | SSE | 6 | cm | 4 | Valencia ... | 29.46 | 55 | 52 | WSW | 6 | bcg/p | 6 |
| Sumburgh Head | 29.66 | 53 | 52 | SE | 4 | r | 4 | Scilly ... | 29.58 | 54 | 51 | WNW | 5 | o | 4 |
| Stornoway ... | 29.46 | 57 | 55 | E | 3 | o | 3 | Dover .. | 29.64 | 60 | 59 | SW | 2 | cm | 1 |
| Aberdeen ... | 29.52 | 55 | 55 | SSE | 1 | dm | 1 | London ... | 29.59 | 61 | 60 | SSE | 3 | omr | * |
| Shields ... | 29.50 | 54 | 54 | ESE | 2 | r | 2 | Yarmouth ... | 29.64 | 58 | 57 | SSE | 3 | dm | 3 |
| Ardrossan ... | 29.45 | 52 | 54 | E | 2 | r | 2 | Jersey ... | 29.68 | 60 | 60 | SW | 2 | r | 3 |
| Mullaghmore ... | 29.32 | 55 | 51 | S | 5 | bc | 4 | Rocheport | 30.03 | 69 | 65 | WNW | 5 | bc | 2 |
| Holyhead ... | 29.42 | 55 | 55 | WSW | 3 | d | 2 | Ben Nevis 4406 ft. | 25.07 | 38 | 38 | SE | 5 | f | 38 |

The barometer continues to fall at all stations excepting Scilly and Rocheport. The winds have veered to the W in the SW but in the N they are drawing into SE or E. Weather is improving somewhat in Ireland, but continues dull and rainy over E Britain. Sea is smooth both at Holyhead & 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 (hazy) o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

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

† The evening observations are taken at 8 p.m. in our Islands (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

FRIDAY, 13TH OCTOBER.

1882


ISSUED BY THE

METEOROLOGICAL OFFICE

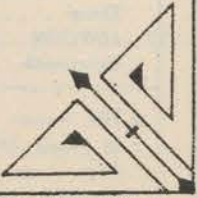
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S. W.

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ROBERT H. SCOTT
(SECRETARY.)



Fredk. Dargersfield Lith. & Ballford St. Covent Garden.

WEATHER CHARTS

for 8 a.m. on Friday 13th OCTOBER.

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 leathers refer to force, thus

→ forces above 10; → forces 8 to 10

→ forces 5 to 7; → forces 1 to 4.

○ = dead calm.

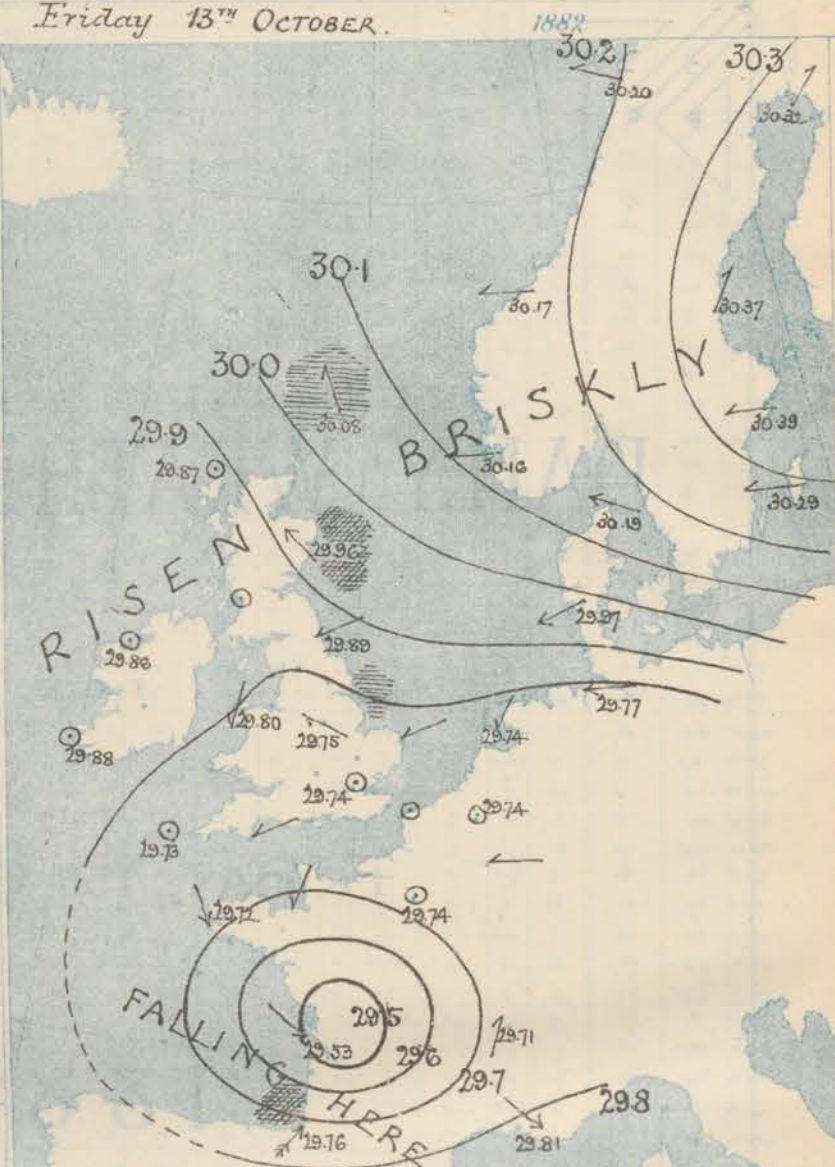
Sea Disturbance, where considerable, is shown by shading round the coast, thus = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings |
|--------------|---------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenacastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for FRIDAY 13TH OCTOBER 1882 at 8 a.m.

The depression whose centre lay over Scilly yesterday morning has since travelled away in a SE^{ly} direction, and is now found near Rochefort, while the subsidiary disturbances over England have apparently filled up. As a result of these changes the barometer is falling in the W. of France, but in all other places a steady recovery is in progress. Fresh or strong E^{ly} winds prevail in Denmark and the S. of Norway, and moderate SE^{ly} breezes in the E. of Scotland, but in England, Ireland, and the N. of France the wind is NE^{ly} or N^{ly}, while in the SW. of France it is strong to a gale from NW. and SW. The weather is fine in the S. of England, cloudy or overcast elsewhere, with mist or fog in many places, and drizzling rain over the Midland counties. Heavy rain is reported over France. Temperature has fallen in the S., risen elsewhere, and reading range from 58° at Holyhead to 46° at Hurst Castle. The maxima registered over England yesterday were rather low, and at Cambridge the thermometer did not exceed 52°, but in Scotland the weather was warmer, and at Stornoway there was a maximum of 62°. The sea is high at Aberdeen and rough on our NE coast generally, moderate to smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

14TH OCTOBER.

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

| DISTRICTS | FORECASTS | DISTRICTS | FORECASTS |
|--------------------|--|------------------|--|
| 0 SCOTLAND NORTH | SE ^{ly} and E ^{ly} winds, light or moderate; cloudy, misty. | 6 SCOTLAND WEST | NE ^{ly} winds, light; cloudy, foggy. |
| 1 SCOTLAND EAST | -----D°-----D°-----D°----- | 7 ENGLAND N.W. | N ^{ly} and NE ^{ly} winds, light or moderate; cloudy, some mist or fog. |
| 2 ENGLAND N.E. | E ^{ly} and NE ^{ly} winds, light; dull with slight rain at times. | 8 ENGLAND S.W. | -----D°-----D°-----D°----- |
| 3 ENGLAND EAST | Same as N° 5. | 9 IRELAND NORTH | Calms or variable airs; fair to cloudy and unsettled, some fog. |
| 4 MIDLAND COUNTIES | Same as N° 5. | 10 IRELAND SOUTH | -----D°-----D°-----D°----- |
| 5 ENGLAND SOUTH | E ^{ly} and NE ^{ly} winds, light or moderate; fair on the whole, with fog at night. | WARNINGS | NONE ISSUED. |

METEOROLOGICAL OBSERVATIONS FOR

13TH OCT. 1882

| 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 | 30.32 | 38 | SW | 2 | 0 | 30.32 | + 0.14 | 41 | 41 | + 9 | SW | 2 | 0 | * | 2 | 19 | 0.70 | | |
| Hernösand | 30.36 | 40 | Z | 0 | 0 | 30.37 | + 2.7 | 41 | 39 | - 2 | SW | 2 | 0 | * | 46 | 39 | 0.12 | | |
| Stockholm | 30.29 | 41 | SE | 4 | bc | 30.39 | + 2.9 | 41 | 37 | - 5 | E | 4 | 0 | * | 50 | 41 | 0.04 | | |
| Wisby | 30.15 | 42 | E | 6 | 0 | 30.29 | + 2.8 | 39 | 36 | - 7 | ESE | 4 | bc | * | 52 | 39 | 0.16 | | |
| Bodo | 30.08 | 43 | SE | 2 | C | 30.20 | + 1.7 | 42 | 41 | + 4 | ESE | 2 | 0 | 1 | 45 | 34 | - | | |
| Christiansund | 30.05 | 45 | E | 1 | 8 | 30.17 | + 2.6 | 45 | 41 | - 3 | E | 2 | 8 | 1 | 52 | 37 | - | | |
| †Skudesnaes | 30.04 | 57 | E | 6 | 6 | 30.16 | + 2.8 | 51 | 46 | - 2 | E | 4 | 0 | 3 | 57 | ? | - | | |
| Oxelösund | 30.04 | 48 | NNE | 6 | C | 30.14 | + 2.0 | 51 | 50 | + 7 | E | 6 | A | 3 | ? | ? | - | | |
| Skagen (The Skaw) | 30.06 | 51 | ESE | 4 | C | 30.19 | + 2.4 | 49 | 48 | - 1 | ESE | 5 | C | 3 | 52 | 48 | - | | |
| Paris | 29.89 | 50 | E | 6 | e | 29.97 | + 2.6 | 50 | 48 | - 3 | ENE | 6 | C | * | 55 | 48 | - | | |
| Cuxhaven | 29.69 | ? | E | 6 | A | 29.77 | + 1.1 | 53 | 52 | - 2 | E | 5 | 0 | * | 55 | 48 | 0.18 | | |
| †Sumburgh Head | 29.90 | 52 | SE | 4 | 0 | 30.05 | + 2.8 | 52 | 50 | 0 | SE | 4 | C | 5 | 53 | 53 | - | | |
| †Stornoway | 29.74 | 53 | NE | 1 | bc | 29.87 | + 2.7 | 47 | 47 | - 8 | Z | 0 | bc | 0 | 62 | 44 | - | | |
| Wick | 29.79 | 54 | ESE | 5 | A | 29.99 | + 3.2 | 54 | 51 | 5 | ESE | 4 | 0 | 4 | 54 | 52 | 0.04 | | |
| Nairn | 29.73 | 55 | E | 2 | 0 | 29.90 | + 3.0 | 54 | 52 | - 1 | Z | 0 | 0 | 1 | 57 | 52 | - | | |
| †Aberdeen | 29.73 | 55 | E | 4 | dm | 29.96 | + 3.8 | 54 | 53 | - 1 | ESE | 5 | 0 | 7 | 56 | 52 | 0.11 | | |
| Leith | 29.70 | 54 | NE | 2 | A | 29.89 | + 3.4 | 55 | 54 | + 2 | ESE | 2 | 0 | * | 59 | 49 | 0.21 | | |
| †Shields | 29.67 | 55 | NE | 1 | m | 29.89 | + 3.7 | 54 | 54 | + 2 | ENE | 2 | 0 | 5 | 56 | 50 | 0.05 | | |
| Spurn Head | 29.57 | 56 | ENE | 3 | f | 29.77 | + 3.0 | 56 | 56 | + 2 | ENE | 4 | dm | 4 | 57 | 54 | 0.02 | | |
| York | 29.62 | 58 | NE | 1 | 0 | 29.81 | + 3.1 | 56 | 55 | + 5 | ENE | 1 | 0 | * | 60 | 49 | 0.04 | | |
| Loughborough | 29.55 | 52 | Z | 0 | A | 29.75 | + 2.4 | 57 | 57 | + 9 | ESE | 3 | agdm | * | 57 | 47 | 0.50 | | |
| †Ardrossan | 29.70 | 58 | ENE | 1 | 0 | 29.87 | + 3.1 | 56 | 56 | + 1 | NE | 1 | 0 | 1 | 58 | 49 | - | | |
| †Mullaghmore | 29.72 | 53 | N | 2 | 6 | 29.86 | + 2.9 | 53 | 49 | + 6 | Z | 0 | dm | 0 | 60 | 43 | - | | |
| Donaghadee | 29.67 | 53 | NE | 3 | 0 | 29.86 | + 3.0 | 54 | 53 | + 2 | ENE | 3 | C | 1 | 57 | 52 | - | | |
| Parsonstown | 29.73 | 52 | N | 1 | bc | 29.86 | + 3.2 | 49 | 48 | + 3 | Z | 0 | f | * | 57 | 42 | - | | |
| Barrow-in-Furness | 29.62 | 57 | NE | 2 | 0 | 29.80 | + 2.9 | 57 | 56 | + 10 | NE | 2 | 0 | 1 | 58 | 46 | - | | |
| †Holyhead | 29.62 | 56 | N | 3 | m | 29.80 | + 2.8 | 58 | 56 | + 7 | NNE | 3 | C | 3 | 58 | 49 | 0.01 | | |
| Liverpool (Bidston) | 29.50 | 54 | NW | 2 | 0 | 29.78 | + 2.6 | 56 | 55 | + 9 | NE | 1 | f | 1 | 57 | 47 | - | | |
| †Valencia | 29.75 | 52 | NNW | 3 | 6 | 29.88 | + 3.1 | 51 | 50 | - 1 | Z | 0 | dm | 0 | 59 | 43 | - | | |
| Roche's Point | 29.66 | 55 | NNE | 4 | bc | 29.82 | + 3.5 | 53 | 51 | + 5 | N | 5 | 0 | 4 | 60 | 47 | - | | |
| Pembroke | 29.61 | 54 | NNE | 3 | bc | 29.75 | + 3.1 | 58 | 55 | + 4 | NNE | 1 | dm | 2 | 57 | 50 | 0.03 | | |
| †Scilly | 29.57 | 55 | NNW | 5 | C | 29.73 | + 4.0 | 58 | 55 | + 4 | Z | 0 | 0 | 4 | 56 | 50 | 0.09 | | |
| Prawle Point | 29.56 | 57 | NNW | 3 | C | 29.75 | + 3.0 | 51 | 50 | - 2 | NNW | 2 | 6 | 3 | 58 | 45 | - | | |
| Hurst Castle | 29.57 | 54 | SSE | 1 | bc | 29.74 | + 2.4 | 46 | 46 | - 3 | ENE | 1 | m | 1 | 58 | 43 | - | | |
| †Dover | 29.57 | 55 | WSW | 1 | dm | 29.73 | + 2.7 | 52 | 50 | - 5 | N | 2 | 6 | 1 | 57 | 50 | 0.03 | | |
| †London | 29.58 | 56 | E | 1 | 0 | 29.74 | + 2.4 | 47 | 47 | - 4 | SW | 1 | dm | * | 56 | 45 | 0.06 | | |
| Oxford | 29.61 | 47 | NW | 1 | 6 | 29.74 | + 2.2 | 49 | 47 | + 5 | Z | 0 | f | d | 55 | 43 | 0.13 | | |
| Cambridge | 29.58 | 51 | Z | 0 | 0 | 29.74 | + 2.5 | 51 | 51 | 0 | Z | 0 | A | * | 52 | 49 | 0.46 | | |
| †Yarmouth | 29.54 | 58 | E | 4 | bc | 29.71 | + 2.2 | 57 | 56 | - 1 | ENE | 4 | 0 | 4 | 59 | 55 | 0.27 | | |
| The Helder | 29.62 | 58 | E | 3 | 6 | 29.74 | + 2.0 | 58 | 54 | 0 | E | 3 | f | 1 | 61 | 55 | - | | |
| Cape Gris Nez | 29.54 | 55 | W | 1 | 0 | 29.74 | + 2.7 | 50 | 50 | - 8 | ESE | 1 | C | 1 | 59 | 50 | 0.16 | | |
| †Jersey | 29.50 | 53 | SSE | 2 | 0 | 29.71 | + 2.0 | 55 | 53 | + 2 | NE | 2 | dm | 2 | 57 | 48 | 0.13 | | |
| Brest | 29.49 | 51 | ? | 4 | 6 | 29.72 | + 2.1 | 52 | 51 | 0 | NNW | 7 | 0 | 4 | 59 | 50 | 0.43 | | |
| Lorient | 29.39 | 52 | WSW | 3 | 0 | 29.63 | + 0.9 | 50 | 49 | - 3 | ENE | 5 | C | 4 | 59 | 46 | 0.43 | | |
| †Rochefort | 29.59 | 55 | WSW | 7 | A | 29.53 | - 0.8 | 54 | 52 | - 2 | NW | 7 | 0 | 2 | 64 | 50 | 0.71 | | |
| Biarritz | 29.80 | 61 | W | 8 | 0 | 29.76 | - 0.5 | 55 | 53 | - 2 | SW | 12 | A | 7 | 64 | 48 | 1.50 | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels | * | * | * | * | * | 29.74 | + 2.0 | 52 | 51 | ? | WSW | 1 | 0 | * | 62 | 52 | 0.71 | | |
| Charleville | 29.68 | 54 | E | 4 | 0 | 29.80 | + 1.6 | 48 | 47 | - 10 | E | 4 | 0 | * | 72 | 45 | 0.59 | | |
| Paris | 29.62 | 55 | SSW | 4 | bc | 29.74 | + 2.0 | 50 | 48 | - 9 | Z | 0 | bc | * | * | * | 0.16 | | |
| Lyons | 29.75 | 52 | SE | 1 | 0 | 29.71 | + 0.5 | 46 | ? | - 14 | SEW | 1 | 0 | * | 61 | 48 | 1.14 | | |
| Toulon | 29.73 | 60 | NW | 5 | 0 | 29.81 | - 0.1 | 53 | 49 | - 9 | NW | 7 | 0 | 4 | 63 | 52 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.43 | 54 | NE | 2 | A | 28.62 | + 3.2 | 52 | 52 | + 6 | NE | 4 | 0 | * | 57 | 45 | 0.05 | | |

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

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|-------|----|----|---|---|----|---|---|---|----|----|------|
| Hawes Junction | 28.40 | 54 | NE | 2 | A | 28.62 | + 3.2 | 52 | 52 | + | 6 | NE | 4 | 0 | * | 57 | 45 | 0.05 |
|----------------|-------|----|----|---|---|-------|-------|----|----|---|---|----|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | | |
|-----------------|-------|------|------|-------|------|------|---|-------|------|------|-------|------|--------|-----------|-----------|--------------|
| Skudesnaes ... | 29.95 | 57 | 50 | SE | 4 | C 5 | Valencia ... | 29.70 | 57 | 54 | NE | 3 | 64 4 | | | |
| Sumburgh Head | 29.65 | 54 | 50 | SE | 5 | 0 5 | Scilly ... | 29.47 | 56 | 52 | NNE | 5 | C 7 | | | |
| Stornoway ... | 29.68 | 62 | 59 | E | 3 | 6 2 | Dover ... | 29.51 | 56 | 54 | NW | 2 | 0 1 | | | |
| Aberdeen ... | 29.66 | 56 | 55 | E NE | 4 | m 7 | London ... | 29.54 | 55 | 52 | WNW | 2 | 0 * | | | |
| Shields ... | 29.59 | 55 | 55 | NE | 1 | m 2 | Yarmouth ... | 29.51 | 58 | 58 | C | 2 | 6 cm 2 | | | |
| Ardrossan ... | 29.62 | 58 | 58 | E NE | 1 | 0 1 | Jersey ... | 29.49 | 55 | 53 | SE | 2 | 60 3 | | | |
| Mullaghmore ... | 29.67 | 56 | 52 | Z | 0 | 6 4 | Rocheft ... | 29.61 | 59 | 55 | WNW | 8 | 0 4 | | | |
| Holyhead ... | 29.60 | 56 | 52 | N | 3 | C 2 | Ben Nevis (4406 ft.) 9 a.m. on 12th. | | | | | | | Max 12 | Min 34 | Rain 0.27 |
| | | | | | | | | 25.17 | 42 | 42 | 2 | 4 | 0 | | | |

The barometer is rising generally and the depressions in the S. are apparently filling up. NE and N winds are extending over us, and the weather is gradually improving. The sea is high at Aberdeen and Scilly.

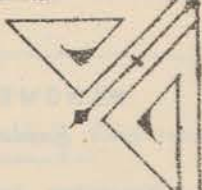

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. 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.

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



DAILY WEATHER REPORT

F O R

SATURDAY 14TH OCTOBER.

1882

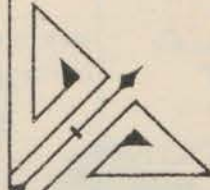
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ROBERT H. SCOTT
(SECRETARY.)



Fred^r Dwyerfield, Lth 22 Bedford St. Court Garden.

WEATHER CHARTS

for 8 a.m. on SATURDAY 14TH OCTOBER.

1882

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

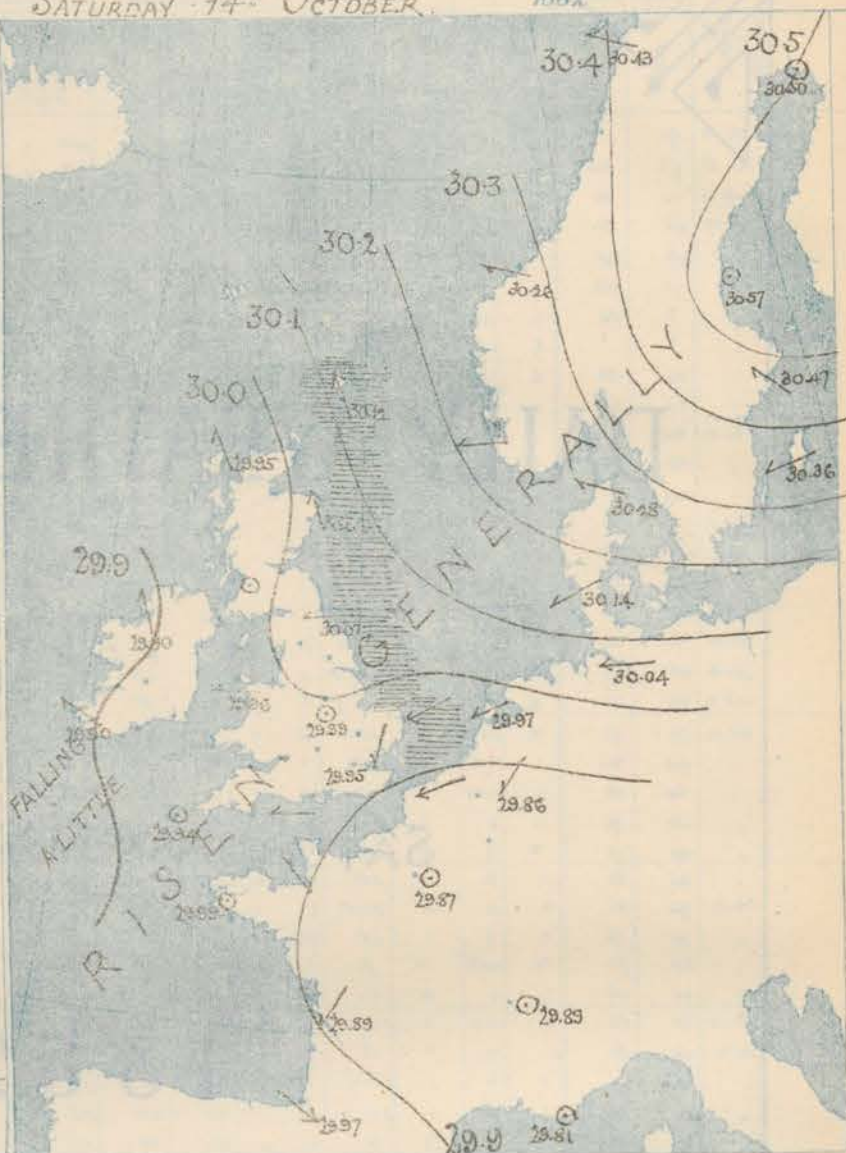
■ = Rough; ■ = High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings. In. |
|--------------|-----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenacastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Varmouth | 29.892 |

* These means are for the 10 years 1866-75.
A more complete set of mean values is
in course of preparation.



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.

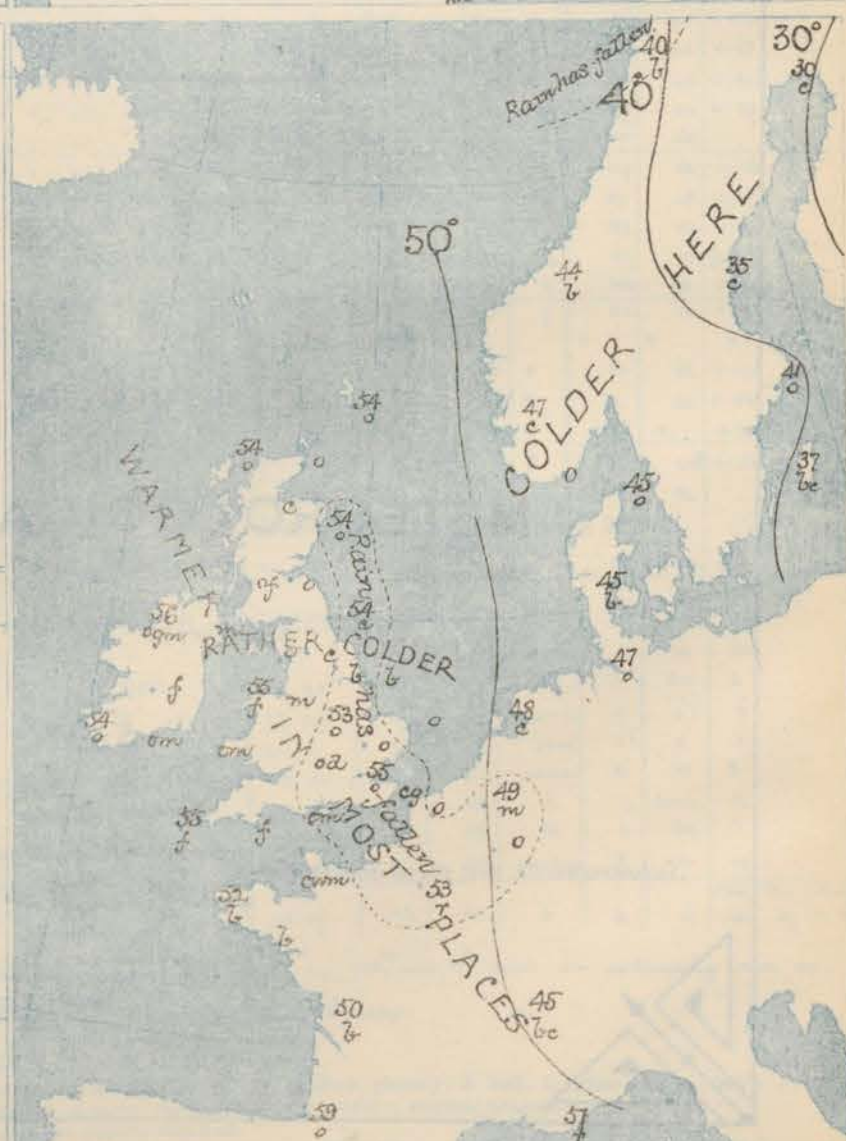
MEANS* OF TEMPERATURE

AND RAINFALL.

for the month of October

| Stations | Temp. | Rain- fall. |
|--------------------|-------|----------------|
| Sundburgh Head | 46.4 | 2.64 |
| Scarborough | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 48.3 | 3.61 |
| York | 49.3 | 2.60 |
| Mullaghtmore | 49.1 | ? |
| Holyhead | 51.2 | 6.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St. Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Varmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the
13 years 1857-69, the mean amounts of
Rain are those for the 10 years 1866
to 1875.



REMARKS

for Saturday 14th OCTOBER 1882 at 8 a.m.

The small depression which lay over the west of France yesterday has now disappeared entirely from our area, and the barometer has risen generally, excepting in the south-west of Ireland, where a slight fall has taken place in the night. The highest readings are still found over Sweden, where the barometer now exceeds 30.5 ins. SE^{ly} winds prevail in Ireland and Scotland, and E^{ly} or NE^{ly} breezes elsewhere; they are light or moderate in force generally, but blow freshly in the east of Scotland. In the W. of France the weather has become fine and bright, but in all other localities the sky continues very cloudy, with fog or mist in the W. and SW. Slight rain fell yesterday in the E. and S. Temperature has fallen over Scandinavia and Denmark, as well as in the north of England, but risen elsewhere; readings are very uniform varying between 57° at Rock Point and 53° over Central England.

The sea is rough on our east and north-east coasts, moderate or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon

on the

15th OCTOBER.

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

DISTRICTS

FORECASTS

| | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | SE ^{ly} winds, moderate and fresh; dull, slight rain. |
| 1 | SCOTLAND EAST | -----D°-----D°-----D°----- |
| 2 | ENGLAND N.E. | E ^{ly} winds, moderate; cloudy generally and some rain. |
| 3 | ENGLAND EAST | Same as N° 5 |
| 4 | MIDLAND COUNTIES | Same as N° 5. |
| 5 | ENGLAND SOUTH | NE ^{ly} to E ^{ly} winds, moderate; dull generally with slight rain. |

DISTRICTS

FORECASTS

| | | |
|----------|---------------|---|
| 6 | SCOTLAND WEST | E ^{ly} to SE ^{ly} winds, light or moderate; cloudy and misty. |
| 7 | ENGLAND N.W. | -----D°-----D°-----D°----- |
| 8 | ENGLAND S.W. | Calms to SE ^{ly} or S ^{ly} breezes; dull, misty, some rain. |
| 9 | IRELAND NORTH | SE ^{ly} winds, light or moderate; dull and misty, with some rain. |
| 10 | IRELAND SOUTH | -----D°-----D°-----D°----- |
| WARNINGS | | NONE ISSUED. |

METEOROLOGICAL OBSERVATIONS FOR

14th OCT^r 1882

| † 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 | 30.38 | 35 | Z | 0 | 6 | 30.50 | +1.18 | 30 | 29 | -11 | Z | 0 | 6 | * | 43 | ? | - | | |
| Hernösand | 30.64 | 41 | Z | 0 | 0 | 30.87 | +1.20 | 35 | 34 | -6 | Z | 0 | 6 | * | 45 | ? | - | | |
| Stockholm | 30.46 | 40 | ESE | 2 | 0 | 30.47 | +0.08 | 41 | 37 | -4 | SE | 2 | 60 | * | 43 | 37 | - | | |
| Wisby | 30.36 | 35 | E | 4 | 6 | 30.36 | +0.07 | 37 | 35 | -2 | E | 2 | 60 | * | 45 | 34 | - | | |
| Bodö | 30.35 | 44 | ESE | 2 | 0 | 30.43 | +0.23 | 40 | 39 | -1 | ESE | 2 | 6 | 1 | 45 | 37 | 0.04 | | |
| Christiansund | 30.27 | 42 | ? | ? | 6 | 30.26 | +0.09 | 44 | 41 | -3 | ESE | 2 | 6 | 1 | 52 | 37 | - | | |
| †Skadesnaes | 30.27 | 52 | SE | 4 | 0 | 30.30 | +0.14 | 47 | 41 | -6 | SE | 7 | 6 | 4 | 55 | ? | - | | |
| Oxö (Xiansund) | 30.27 | 48 | NE | 6 | 0 | 30.28 | +0.14 | 44 | 40 | -4 | NNE | 6 | 0 | 3 | 52 | 43 | - | | |
| Skagen (The Skaw) | 30.20 | 47 | E | 4 | 6 | 30.28 | +0.09 | 45 | 41 | -4 | ESE | 4 | 0 | 3 | 50 | 43 | - | | |
| Panö | 30.15 | 49 | ENE | 6 | 0 | 30.14 | +0.17 | 45 | 43 | -2 | ENE | 4 | 6 | * | 55 | 43 | - | | |
| Cuxhaven | 29.98 | 55 | E | 5 | 0 | 30.04 | +0.27 | 47 | 46 | -1 | E | 5 | 0 | * | 55 | 45 | - | | |
| †Samburgh Head | 30.12 | 52 | SE | 4 | 0 | 30.12 | +0.07 | 54 | 49 | -5 | ESE | 5 | 0 | 6 | 55 | 49 | - | | |
| †Stornoway | 29.95 | 54 | NE | 1 | 6 | 29.95 | +0.08 | 54 | 52 | -2 | SE | 1 | 0 | 0 | 57 | 45 | - | | |
| Wick | 30.04 | 54 | SE | 5 | 0 | 30.05 | +0.06 | 54 | 52 | -2 | S | 4 | 0 | 4 | 56 | 52 | - | | |
| Nairn | 29.99 | 55 | E | 1 | 6 | 29.99 | +0.09 | 56 | 53 | -3 | Z | 0 | 6 | 1 | 61 | 52 | - | | |
| †Aberdeen | 30.05 | 54 | ESE | 5 | 0 | 30.09 | +0.13 | 54 | 51 | -3 | ESE | 5 | 0 | 6 | 55 | 53 | 0.03 | | |
| Leith | 30.01 | 54 | E | 1 | 0 | 30.04 | +0.15 | 54 | 52 | -2 | S | 1 | 0 | * | 56 | 52 | - | | |
| Shields | 29.98 | 54 | ENE | 3 | A | 30.07 | +0.18 | 54 | 51 | -3 | E | 2 | 6 | 5 | 54 | 51 | 0.14 | | |
| Spurn Head | 29.89 | 56 | ENE | 2 | 0 | 29.99 | +0.22 | 56 | 54 | -2 | ENE | 4 | 6 | 5 | 56 | 51 | - | | |
| York | 29.92 | 56 | E | 1 | 0 | ? | ? | 53 | 51 | -2 | E | 2 | 6 | * | 58 | 51 | 0.31 | | |
| Loughborough | 29.89 | 56 | ENE | 2 | A | 29.99 | +0.24 | 53 | 52 | -1 | ENE | 1 | 0 | * | 57 | 53 | 0.02 | | |
| †Ardrossan | 29.96 | 56 | ENE | 2 | 0 | 29.99 | +0.22 | 55 | 55 | 0 | ENE | 1 | 0 | 1 | 60 | 53 | - | | |
| †Mullaghmore | 29.90 | 51 | WSW | 1 | 0 | 29.90 | +0.04 | 56 | 54 | -2 | ESE | 2 | 0 | 2 | 58 | 48 | - | | |
| Donaghadee | 29.96 | 57 | E | 2 | 0 | 29.98 | +0.12 | 56 | 55 | -1 | ESE | 2 | 0 | 0 | 60 | 55 | - | | |
| Parsonstown | 29.93 | 57 | Z | 0 | 0 | 29.94 | +0.08 | 54 | 53 | -1 | Z | 0 | 6 | * | 59 | 48 | - | | |
| Barrow-in-Furness | 29.92 | 58 | NE | 2 | 0 | 30.00 | +0.20 | 55 | 54 | -1 | ESE | 2 | 0 | 1 | 61 | 55 | - | | |
| †Holyhead | 29.90 | 57 | ENE | 3 | 60 | 29.96 | +0.16 | 55 | 55 | 0 | E | 1 | 0 | 0 | 59 | 54 | - | | |
| Liverpool (Bidston) | 29.91 | 58 | NE | 1 | 0 | 30.03 | +0.22 | 54 | 53 | -1 | E | 2 | 0 | 1 | 59 | 54 | - | | |
| †Valencia | 29.92 | 52 | Z | 0 | 60 | 29.90 | +0.02 | 54 | 52 | -2 | ESE | 4 | 0 | 4 | 65 | 47 | - | | |
| Roche's Point | 29.93 | 55 | ENE | 2 | 0 | 29.93 | +0.18 | 57 | 56 | -1 | ESE | 2 | 0 | 3 | 62 | 51 | - | | |
| Pembroke | 29.87 | 59 | NE | 2 | 0 | 29.95 | +0.20 | 55 | 53 | -2 | E | 1 | 0 | 1 | 61 | 53 | - | | |
| †Scilly | 29.85 | 57 | WNW | 1 | 0 | 29.94 | +0.21 | 55 | 55 | 0 | Z | 0 | 0 | 4 | 60 | 53 | 0.01 | | |
| Prawle Point | 29.86 | 53 | WNW | 2 | 6 | 29.95 | +0.20 | 54 | 54 | 0 | N | 1 | 0 | 1 | 62 | 49 | - | | |
| Hurst Castle | 29.85 | 53 | WNW | 1 | 6 | 29.94 | +0.20 | 56 | 55 | -1 | E | 3 | 0 | 2 | 60 | 46 | 0.03 | | |
| †Dover | 29.82 | 57 | W | 1 | 60 | 29.90 | +0.17 | 55 | 57 | +2 | ENE | 4 | 0 | 2 | 59 | 51 | 0.03 | | |
| †London | 29.85 | 57 | Z | 0 | 0 | 29.95 | +0.21 | 55 | 51 | -4 | NNE | 2 | 0 | * | 61 | 50 | 0.02 | | |
| Oxford | 29.88 | 55 | W | 1 | 0 | 29.96 | +0.22 | 53 | 52 | -1 | NE | 1 | 0 | * | 56 | 49 | 0.06 | | |
| Cambridge | 29.85 | 55 | W | 1 | 0 | 29.95 | +0.21 | 53 | 52 | -1 | NE | 1 | 0 | * | 58 | 49 | 0.07 | | |
| †Yarmouth | 29.84 | 56 | ENE | 4 | 0 | 29.95 | +0.24 | 53 | 50 | -3 | ENE | 5 | 0 | 5 | 57 | 51 | - | | |
| The Helder | 29.89 | 55 | ENE | 4 | 60 | 29.97 | +0.23 | 48 | 46 | -2 | ENE | 4 | 0 | 3 | 55 | 46 | - | | |
| Cape Gris Nez | ? | 57 | W | 1 | 0 | 29.88 | +0.14 | 56 | 55 | -1 | ENE | 7 | 0 | 4 | 63 | 50 | - | | |
| †Jersey | 29.84 | 55 | NNE | 2 | 6 | 29.93 | +0.22 | 55 | 53 | -2 | NW | 2 | 0 | 2 | 60 | 50 | - | | |
| Brest | 29.88 | 59 | N | 3 | 6 | 29.99 | +0.27 | 52 | 51 | -1 | Z | 0 | 6 | 3 | 59 | 48 | - | | |
| Lorient | 29.76 | 58 | NNE | 4 | 5 | 29.93 | +0.30 | 50 | 48 | -2 | NNE | 3 | 0 | 2 | 61 | 46 | - | | |
| †Rochefort | 29.71 | 56 | NNE | 7 | 0 | 29.89 | +0.36 | 50 | 49 | -1 | NE | 4 | 6 | 2 | 61 | 45 | - | | |
| Biarritz | 29.83 | 57 | WSW | 8 | A | 29.97 | +0.21 | 59 | 55 | -4 | WNW | 7 | 0 | 3 | 61 | 52 | 0.67 | | |
| Cerunna | ? | ? | ? | ? | ? | 30.02 | +0.13 | 62 | 61 | -1 | ESE | 1 | 0 | 3 | 58 | 50 | 0.08 | | |
| Brussels | ? | ? | ? | ? | ? | 29.86 | +0.12 | 49 | 48 | -1 | NE | 3 | 0 | * | 56 | 48 | 0.28 | | |
| Charleville | 29.82 | 49 | SW | 4 | 0 | 29.80 | 0.00 | 50 | 48 | -2 | NE | 4 | 0 | 0 | 73 | 47 | 0.63 | | |
| Paris | 29.81 | 56 | ENE | 3 | 0 | 29.87 | +0.13 | 53 | 51 | -2 | WSW | 1 | 0 | * | ? | ? | - | | |
| Lyons | 29.89 | 55 | S | 1 | 0 | 29.89 | +0.18 | 45 | 44 | -1 | SSW | 1 | 0 | * | 63 | 43 | - | | |
| Toulon | 29.82 | 56 | W | 5 | 6 | 29.81 | 0.00 | 51 | 50 | -1 | Z | 0 | 0 | 2 | 61 | 50 | 0.24 | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.73 | 53 | ENE | 2 | 0 | 28.80 | +0.18 | 49 | 48 | -1 | E | 2 | 0 | * | 55 | 48 | 0.04 | | |

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-------|----|----|----|---|---|---|---|----|----|------|
| Hawes Junction | 28.70 | 53 | ESE | 2 | 0 | 28.80 | +0.18 | 49 | 48 | -1 | E | 2 | 0 | * | 55 | 48 | 0.04 |
|----------------|-------|----|-----|---|---|-------|-------|----|----|----|---|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|------------------------------------|-------|------|-------|------|------|-----|--------------------------------|
| Skudesnaes ... | 30.21 | 55 | 48 | ESE | 4 | 0 | 4 | Valencia ... | 29.89 | 61 | 57 | WSW | 2 | 6m | 3 |
| Samburgh Head | 30.09 | 54 | 52 | SE | 4 | 0 | 5 | Scilly ... | 29.82 | 58 | 56 | Z | 0 | 0 | 4 |
| Stornoway ... | 29.94 | 57 | 56 | SSW | 2 | 0 | 2 | Dover ... | 29.79 | 59 | 58 | WSW | 1 | 67 | 1 |
| Aberdeen ... | 30.02 | 55 | 54 | ESE | 4 | 0 | 7 | London ... | 29.80 | 59 | 56 | Z | 0 | 0gm | * |
| Shields ... | 29.90 | 54 | 54 | ESE | 2 | A | 5 | Yarmouth ... | 29.78 | 57 | 57 | ESE | 3 | 0m | 4 |
| Ardrossan ... | 29.93 | 60 | 60 | ESE | 2 | 0 | 1 | Jersey ... | 29.78 | 59 | 55 | NNE | 2 | 60 | 2 |
| Mullaghmore ... | 29.90 | 56 | 55 | NE | 1 | 0m | 2 | Rochefort ... | 29.62 | 59 | 58 | N | 4 | 0 | 2 |
| Holyhead ... | 29.86 | 59 | 57 | ESE | 4 | 0 | 3 | Ben Nevis (4966 ft.) Sam m 130. | 28.44 | 43 | 43 | SE | 4 | 5 | Max. Min. Rain. 45 232 0.03 |

The barometer continues to rise at all stations except at Valencia, where a slight fall is shown. E or NE breezes are still reported from most districts, but at Stornoway and Valencia a light SW wind has sprung up. The weather is cloudy generally with rain at Shields.

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.
 ‡ These Stations send Reports at 2 p.m. daily (Sundays excepted).
 § Received late for insertion in Charts.

DAILY WEATHER REPORT

F O R

SUNDAY 15TH OCTOBER.

1882

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 OCT. 1882.

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.

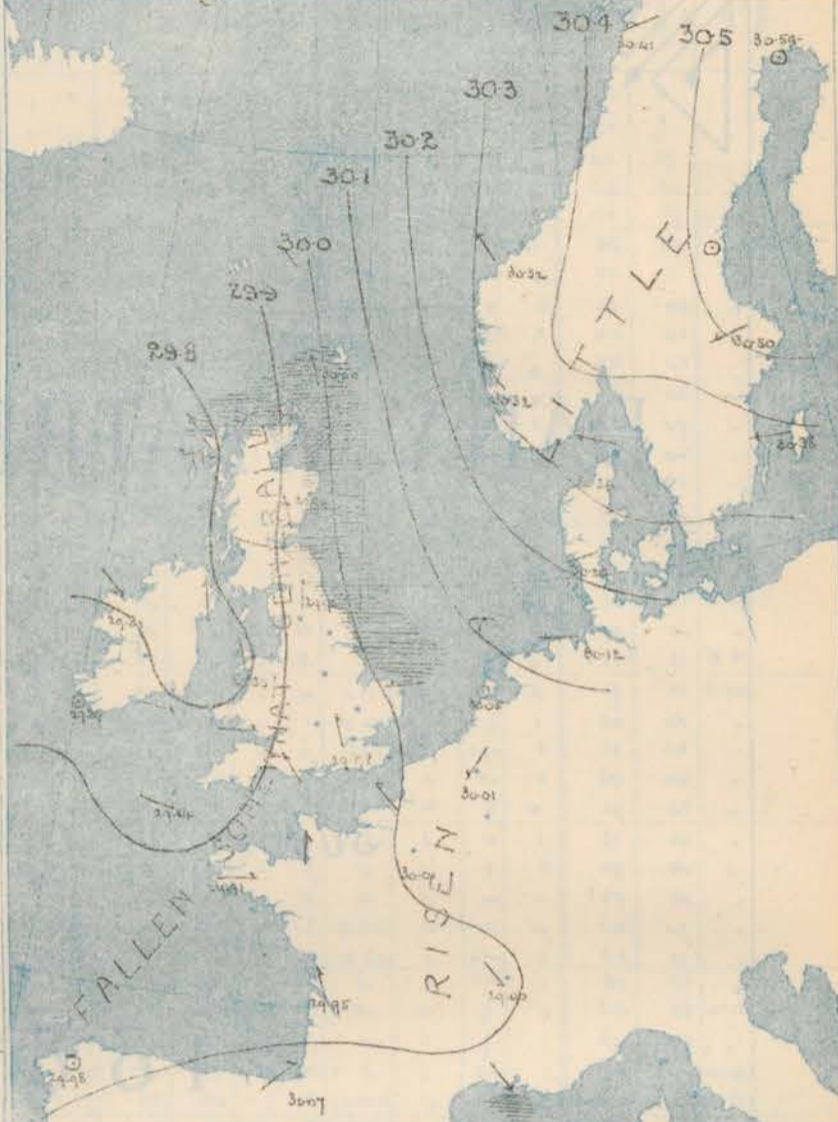
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; →→ forces 8 to 10
→→ forces 5 to 7; →→ forces 1 to 4;
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of October.

| Stations. | Mean Readings Ins. |
|-------------------|--------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greencastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for Sunday 15th OCT^r 1882 at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise at nearly all the Continental stations, and an area of high pressure, in which readings exceed 30.5 ins: still lies over Sweden. In our Islands, however, the mercury has fallen and a large depression exists to the Wrd of Scotland, while small subsidiary disturbances are found over the Irish Sea and Bristol Channel. The wind has shifted to N.W. on our S.W. coasts, but is S.E.^{ly} in most other districts, and blows strongly in the E. and N. of Scotland. The weather has become fine in the S. of Ireland, but is cloudy or overcast elsewhere with rain in the N. and W. Heavy rain has fallen at some of our western stations. Temperature has risen in the W. of France, fallen elsewhere, and readings range from 56° at Scilly to 45° at Loughboro. The sea is high at Aberdeen, rough on our E. and N. coasts.

MAP SHOWING
DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

| | | |
|---|---|----------|
| 0 | { | SCOTLAND |
| | | NORTH |
| 1 | { | SCOTLAND |
| | | EAST |
| 2 | { | ENGLAND |
| | | N E |
| 3 | { | ENGLAND |
| | | EAST |
| 4 | { | MIDLAND |
| | | COUNTIES |
| 5 | { | ENGLAND |
| | | SOUTH |

FORECASTS

DISTRICTS

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

FORECASTS

WARNINGS

The S. cone has been hoisted this morning in district N° 04 part of

METEOROLOGICAL OBSERVATIONS FOR 15TH OCTOBER 1882

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|---|--------------------|-------|----------------------|----------|---|----------------|------|---|-------|----------------------|----------|-------------------|-------------|------|---------------------------|----------------|------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Barometer. Reading at 32° F. and Sea Level. | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Dir. | Force. (0 to 12). | | | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | | |
| Haparanda | 30.54 | 31 | Z | 0 | b | 30.54 | 28 | 28 | — | 2 | Z | 0 | f | * | 39 | 25 | — | | |
| Hernösand | 30.64 | 32 | Z | 0 | b | ? | 29 | 29 | — | 6 | Z | 0 | b | * | 45 | ? | — | | |
| Stockholm | 30.50 | 40 | E | 2 | c | 30.50 | 41 | 38 | — | 0 | ENE | 2 | b | * | 45 | 37 | — | | |
| Wisby | 30.37 | 38 | SSE | 4 | b | 30.38 | 36 | 35 | — | 1 | E | 6 | b | * | 43 | 34 | — | | |
| Bodö | 30.43 | 42 | E | 2 | b | 30.41 | 39 | 36 | — | 1 | ENE | 2 | b | 1 | 48 | 36 | — | | |
| Christiansund | 30.23 | 47 | SSE | 3 | b | 30.32 | 42 | 36 | — | 2 | SE | 5 | b | 2 | 46 | 37 | — | | |
| † Skudesnaes | 30.31 | 46 | E | 8 | o | 30.32 | 46 | 40 | — | 1 | SE | 6 | o | 4 | 48 | 46 | — | | |
| Oxö (Xtiansund) | 30.29 | 47 | ENE | 6 | o | 30.30 | 45 | 40 | + | 1 | NE | 6 | o | 4 | 48 | ? | — | | |
| Skagen (The Skaw) | 30.32 | 44 | ESE | 5 | b | 30.36 | 42 | 38 | — | 3 | ESE | 5 | c | 3 | 46 | 41 | — | | |
| Fanö | 30.17 | 45 | ENE | 6 | o | 30.20 | 45 | 42 | — | 0 | ENE | 4 | c | * | 52 | 41 | — | | |
| Cuxhaven | 30.01 | ? | E | 5 | bc | 30.12 | 42 | 41 | — | 5 | E | 3 | b | * | 48 | 29 | — | | |
| † Sumburgh Head | 30.08 | 51 | SSE | 4 | o | 30.00 | 49 | 47 | — | 5 | SSE | 6 | o | 6 | ? | 52 | 48 | 0.02 | |
| † Stornoway | 29.89 | 55 | SSE | 4 | r | 29.72 | 51 | 51 | — | 3 | SE | 5 | r | 5 | 56 | 50 | 0.34 | | |
| Wick | 30.00 | 53 | S | 4 | o | 29.87 | 52 | 49 | — | 2 | S | 7 | rw | 7 | 55 | 50 | — | | |
| Nairn | 29.94 | 51 | Z | 0 | o | 29.83 | 48 | 47 | — | 8 | Z | 0 | r | 1 | 58 | 48 | 0.05 | | |
| † Aberdeen | 30.04 | 53 | SSE | 5 | o | 29.94 | 53 | 48 | — | 1 | SSE | 6 | o | 6 | 56 | 50 | — | | |
| Leith | 29.99 | 55 | Z | 0 | o | 29.89 | 50 | 47 | — | 4 | SSE | 2 | r | * | 60 | 48 | 0.02 | | |
| † Shields | 30.04 | 52 | SE | 3 | o | 29.96 | 51 | 48 | — | 3 | S | 2 | o | 5 | 56 | 50 | — | | |
| Spurn Head | 30.02 | 54 | E | 4 | o | 29.97 | 51 | 49 | — | 5 | ESE | 5 | c | 5 | 57 | 49 | 0.03 | | |
| York | 30.03 | 54 | E | 2 | o | 29.98 | ? | 49 | — | 4 | SE | 1 | o | * | 61 | 48 | — | | |
| Loughborough | 30.01 | 53 | E | 1 | o | 29.98 | 45 | 44 | — | 8 | Z | 0 | mm | * | 59 | 44 | — | | |
| † Ardrossan | 29.96 | 54 | ENE | 2 | of | 29.83 | 49 | 49 | — | 6 | ESE | 3 | r | 3 | 55 | 47 | 0.66 | | |
| † Mullaghmore | 29.80 | 50 | SSE | 4 | omg | 29.80 | 51 | 48 | — | 5 | NN | 5 | o | 4 | 60 | 47 | 0.37 | | |
| Donaghadee | 29.93 | 56 | SSE | 3 | c | 29.76 | 54 | 54 | — | 2 | S | 5 | r | 3 | 56 | 52 | 0.45 | | |
| Parsonstown | 29.84 | 58 | SE | 2 | o | 29.86 | 48 | 47 | — | 6 | W | 1 | o | * | 61 | 48 | 0.39 | | |
| Barrow-in-Furness | 29.99 | 55 | ESE | 3 | o | 29.90 | 47 | 45 | — | 8 | ESE | 4 | r | 3 | 59 | 47 | 0.05 | | |
| † Holyhead | 29.95 | 57 | SE | 1 | f | 29.80 | 53 | 52 | — | 2 | SSE | 4 | r | 3 | 60 | 52 | 0.41 | | |
| Liverpool (Bidston) | 29.98 | 54 | ESE | 2 | r | 29.89 | 46 | 45 | — | 8 | SE | 4 | r | 3 | 58 | 47 | 0.02 | | |
| † Valencia | 29.78 | 54 | WNW | 4 | rmg | 29.89 | 51 | 49 | — | 4 | Z | 0 | bc | 1 | 56 | 45 | 0.44 | | |
| Roche's Point | 29.85 | 55 | S | 5 | r | 29.88 | 48 | 44 | — | 9 | WNW | 3 | b | 4 | 61 | 46 | 0.50 | | |
| Pembroke | 29.94 | 56 | SE | 3 | o | 29.82 | 53 | 53 | — | 1 | W | 3 | of | 4 | 60 | 54 | 0.33 | | |
| † Scilly | 29.92 | 56 | S | 1 | of | 29.84 | 56 | 55 | + | 1 | NN | 2 | o | 4 | 61 | 53 | 0.12 | | |
| Prawle Point | 29.98 | 55 | NE | 2 | r | 29.91 | 54 | 54 | — | 0 | S | 3 | r | 4 | 57 | 53 | 0.14 | | |
| Hurst Castle | 30.00 | 55 | SSE | 2 | m | 29.95 | 51 | 49 | — | 5 | SE | 3 | c | 2 | 57 | 49 | — | | |
| † Dover | 29.96 | 53 | NE | 5 | c | 29.99 | 51 | 48 | — | 4 | SE | 3 | cg | 2 | 56 | 49 | — | | |
| † London | 29.99 | 52 | NE | 2 | c | 29.98 | 53 | 48 | — | 3 | SSE | 2 | o | * | 54 | 47 | — | | |
| Oxford | 30.02 | 52 | Z | 0 | b | 29.97 | 47 | 44 | — | 6 | E | 1 | omg | * | 58 | 44 | — | | |
| Cambridge | 30.03 | 50 | E | 1 | o | 29.97 | 48 | 47 | — | 5 | E | 1 | o | * | 57 | 43 | — | | |
| † Yarmouth | 30.01 | 52 | E | 5 | c | 30.00 | 49 | 46 | — | 4 | E | 3 | cg | 4 | 57 | 47 | — | | |
| The Helder | 30.03 | 44 | E | 4 | o | 30.05 | 41 | 39 | — | 7 | ? | ? | o | 2 | 48 | 41 | — | | |
| Cape Gris Nez | 29.93 | 53 | ENE | 7 | o | 30.00 | 47 | 45 | — | 9 | SSE | 1 | o | 1 | 59 | ? | — | | |
| † Jersey | 29.96 | 56 | E | 1 | m | 29.94 | 57 | 55 | + | 2 | S | 3 | bc | 3 | 60 | 54 | 0.04 | | |
| Brest | 30.06 | 57 | WSW | 3 | m | 29.91 | 55 | 55 | + | 3 | W | 4 | m | 4 | 59 | 52 | 0.12 | | |
| Lorient | 29.91 | 57 | NW | 4 | b | 29.91 | 58 | 57 | + | 8 | SSW | 4 | r | 1 | 61 | 46 | — | | |
| † Rochefort | 29.95 | 59 | NNW | 5 | b | 29.95 | 55 | 54 | + | 5 | SE | 3 | o | 2 | 64 | 50 | — | | |
| Biarritz | 30.05 | 59 | WNW | 4 | c | 30.07 | 57 | 54 | + | 2 | SN | 3 | c | 2 | 64 | 52 | 0.08 | | |
| Corunna | * | * | * | * | * | 29.98 | 55 | 57 | — | 5 | E | 1 | o | 2 | 68 | 54 | — | | |
| Brussels | * | * | * | * | * | 30.01 | 45 | 43 | — | 4 | NE | 1 | r | * | 50 | 43 | 0.04 | | |
| Charleville | ? | ? | ? | ? | ? | 30.02 | 46 | 45 | — | 4 | NE | 4 | o | * | 57 | 46 | 0.16 | | |
| Paris | 29.93 | 52 | WSW | 5 | o | 30.01 | 44 | 46 | — | 5 | N | 3 | o | * | * | * | — | | |
| Lyons | 29.92 | 53 | NN | 3 | o | 29.96 | 47 | 47 | + | 4 | NN | 5 | o | * | 59 | ? | 0.08 | | |
| Toulon | 29.87 | 52 | WNW | 4 | b | ? | 52 | 47 | + | 1 | NN | 7 | b | 5 | 61 | 50 | 0.47 | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.91 | 48 | ESE | 1 | bc | 28.70 | 44 | 42 | — | 5 | SE | 3 | r | * | 54 | 43 | 0.01 | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | | |
|---------------|-------|------|------|-------|------|------|---|--------------------|-------|------|-------|------|------|-----|-----|------|
| Skudesnaes | 30.28 | 48 | 41 | ESE | 7 | 0 | 4 | Valencia | 29.83 | 55 | 55 | ESE | 5 | rmg | 6 | |
| Sumburgh Head | 30.11 | 51 | 48 | SSE | 5 | 0 | 6 | Scilly | 29.94 | 60 | 59 | SSW | 1 | cf | 4 | |
| Stornoway | 29.92 | 56 | 55 | SSE | 3 | 0 | 2 | Dover | 29.94 | 55 | 50 | ENE | 5 | c | 4 | |
| Aberdeen | 30.07 | 55 | 52 | SSE | 5 | 0 | 6 | London | 29.99 | 55 | 52 | ENE | 3 | om | * | |
| Shields | 30.04 | 55 | 53 | E | 2 | c | 4 | Yarmouth | 29.99 | 53 | 49 | ENE | 4 | bcv | 4 | |
| Ardrossan | 29.99 | 55 | 55 | ESE | 2 | r | 2 | Jersey | 29.95 | 58 | 57 | WNW | 1 | o | 1 | |
| Mullaghmore | 29.86 | 59 | 57 | SE | 4 | ogm | 2 | Rochefort | ? | 62 | 59 | ? | 3 | b | 2 | |
| Holyhead | 29.96 | 59 | 56 | SE | 1 | 0 | 0 | Ben Nevis 4406 ft. | | | | | | | | |
| | | | | | | | | | | | | | | MAX | MIN | RAIN |

The barometer is falling on our W. and N. coasts, but continues to rise in the SE. The wind at Valencia has freshened from ESE., with gloomy weather and rain, but elsewhere there is little change. The sea is calm 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 (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.

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

DAILY WEATHER REPORT

FOR

MONDAY, 16TH OCTOBER.

1882

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.)

WEATHER CHARTS

for 8 a.m. on Monday 16th OCTOBER 1882

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

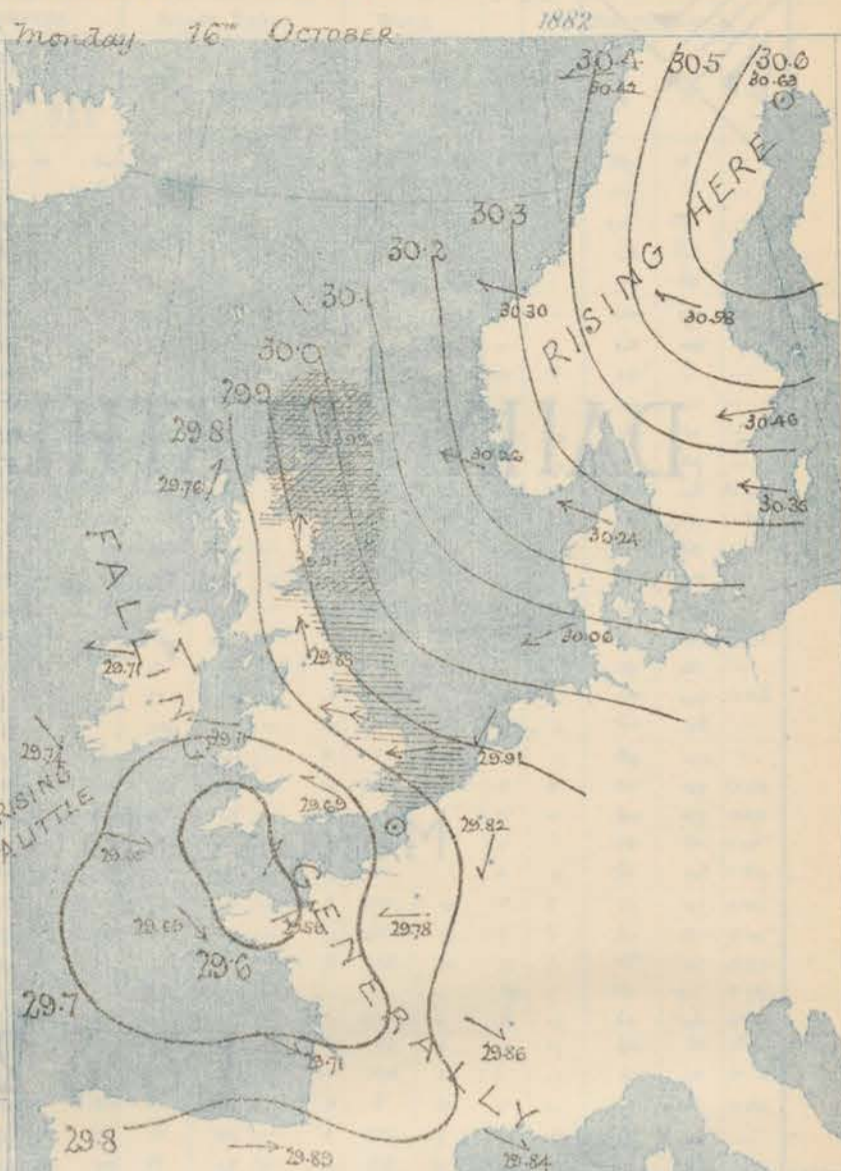
— Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings Ins. |
|-------------|-----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.753 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.702 |
| Greencastle | 29.784 |
| Holyhead | 29.530 |
| Valencia | 29.862 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

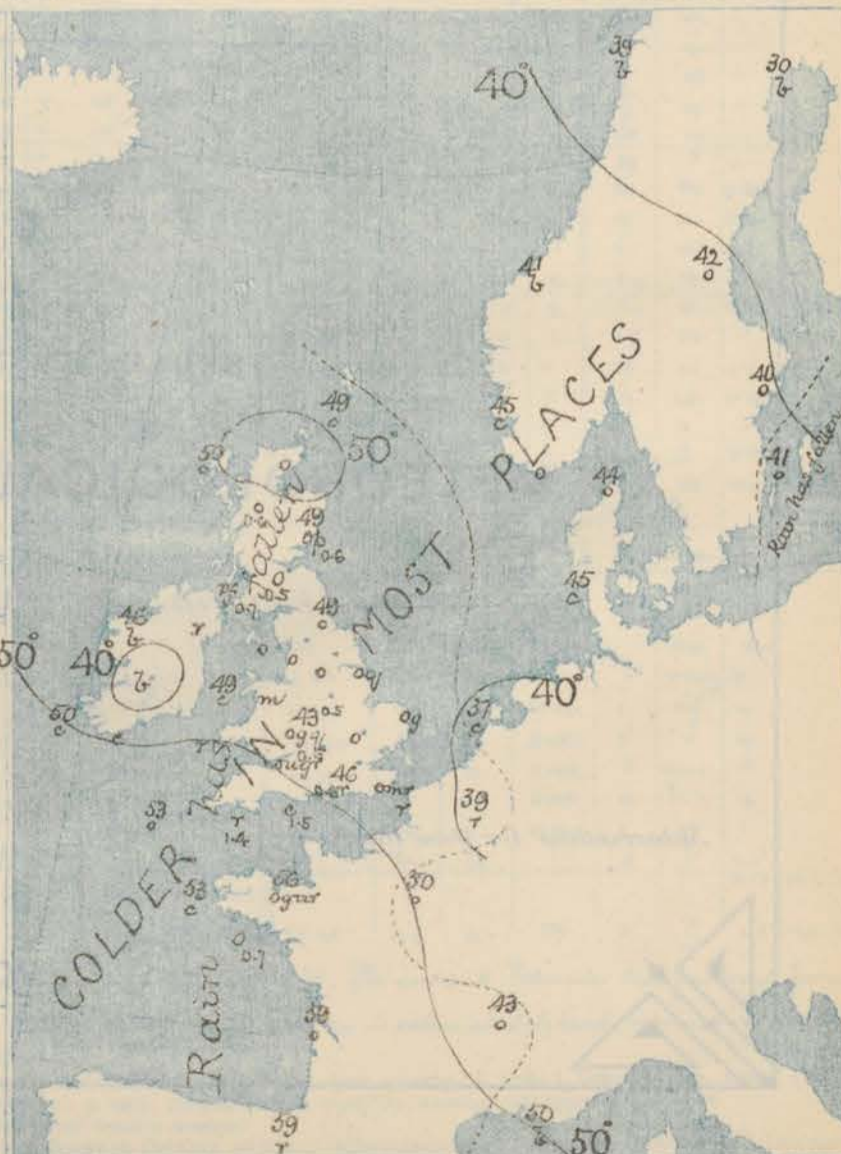
MEANS* OF TEMPERATURE

AND RAINFALL

for the month of October

| Stations | Temp | Rain-fall |
|-------------------|------|-----------|
| | ° | ins. |
| Sandburgh Head | 46.4 | 2.84 |
| Sarnoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 48.3 | 2.61 |
| York | 49.9 | 2.66 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Silly (St Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for MONDAY--16TH--OCTOBER--1882--at 8 a.m.

The depression which lay off the west of Scotland yesterday morning seems to have travelled away N^W in the course of the day, but the subsidiary disturbances over the Irish Sea and the south-west of England have been joined by a third depression from the Atlantic, and the three are now found united over the south of England. The barometer is high (and still rising) in Sweden, but over the whole of the British Isles and France it is falling somewhat. Light NW² breezes prevail on our south-west coasts, and strong winds from the same quarter in the Bay of Biscay, but on our E⁺ and N⁺ coasts strong SE² or S² winds are reported. A fresh to strong gale blew in the East of Scotland last night. The weather is cloudy or overcast at all but the Irish stations with rain in many places. At Prawle Point the rain measured this morning amounts to 1.4 ins: and at Hurst Castle 1.5 ins. Temperature has fallen in most places, and ranges from 57° at Hurst Castle to 34° at Parsonstown. The sea is high at Lumburgh Head and Aberdeen, rough on our N. and E. coasts generally.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

17TH OCTOBER

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

DISTRICTS

FORECASTS

| | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | S ² to SE ² winds, strong to fresh; weather improving somewhat but still cloudy. |
| 1 | SCOTLAND EAST | ---D°---D°---D°--- |
| 2 | ENGLAND N.E. | SE ² and E ² winds, fresh; cloudy, some rain. |
| 3 | ENGLAND EAST | Same as No 5 |
| 4 | MIDLAND COUNTIES | Same as No 5 |
| 5 | ENGLAND SOUTH | E ² winds, falling moderate; dull and rainy to fair. |

DISTRICTS

FORECASTS

| | | |
|----------|---------------|---|
| 6 | SCOTLAND WEST | E ² winds, light; dull, some fog. |
| 7 | ENGLAND N.W. | E ² winds, moderate; cloudy. |
| 8 | ENGLAND S.W. | N ² or NE ² winds, moderate; dull and rainy to fair |
| 9 | IRELAND NORTH | Same as No 7 |
| 10 | IRELAND SOUTH | N ² or NE ² winds, moderate; fair generally. |
| WARNINGS | | The S. cone was hoisted yesterday morning in district 0. and part of 1. |

METEOROLOGICAL OBSERVATIONS FOR

16th OCT^r

1882

| † 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. | Secs. 10 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 | 30.59 | 33 | Z | 0 | 0 | 30.63 | +0.04 | 30 | 29 | +2 | Z | 0 | 6 | 39 | 25 | - | |
| Hernösand | 30.58 | 34 | Z | 0 | 0 | 30.58 | ? | 42 | 39 | +13 | SE | 2 | 0 | 43 | 25 | - | |
| Stockholm | 30.45 | 40 | NE | 6 | A | 30.46 | -0.01 | 40 | 36 | -4 | E | 6 | 0 | 46 | 37 | - | |
| Wisby | 30.40 | 42 | E | 4 | 0 | 30.35 | -0.05 | 41 | 36 | +5 | SE | 6 | 0 | 46 | 36 | 0.04 | |
| Bodo | 30.39 | 40 | E NE | 2 | 6 | 30.42 | +0.03 | 39 | 35 | +4 | E | 2 | 6 | 48 | 36 | - | |
| Christiansund | 30.28 | 43 | SE | 1 | 6 | 30.30 | -0.02 | 41 | 37 | -4 | SE | 2 | 6 | 48 | 37 | - | |
| †Skudesnaes | 30.18 | 45 | SE | 6 | 6 | 30.26 | -0.08 | 48 | 39 | +9 | SE | 6 | 0 | 50 | 45 | - | |
| Orö (Christiansund) | 30.31 | 43 | E NE | 8 | 0 | 30.22 | -0.09 | 44 | 41 | +3 | NE | 6 | 0 | 48 | 43 | - | |
| Skagen (The Skaw) | 30.35 | 45 | E | 5 | 6 | 30.24 | -0.11 | 44 | 41 | +3 | SE | 5 | 0 | 46 | 41 | - | |
| Faro | 30.17 | 40 | E NE | 4 | 6 | 30.06 | -0.11 | 45 | 41 | +4 | E NE | 6 | 0 | 42 | 37 | - | |
| Cuxhaven | | | | | | | | | | | | | | | | | |
| †Sumburgh Head | 29.96 | 50 | SE | 1 | 0 | 29.99 | -0.03 | 49 | 45 | +4 | SE | 1 | 0 | 51 | 46 | 0.03 | |
| †Stornoway | 29.77 | 49 | Z | 0 | 0 | 29.76 | +0.01 | 50 | 49 | +1 | SW | 3 | 0 | 52 | 47 | 0.16 | |
| Wick | 29.82 | 52 | S | 6 | 0 | 29.87 | +0.05 | 51 | 47 | +4 | S | 8 | 0 | 52 | 47 | 0.25 | |
| Nairn | 29.81 | 48 | Z | 0 | A | 29.79 | -0.02 | 47 | 46 | +1 | Z | 0 | 0 | 50 | 46 | 0.35 | |
| †Aberdeen | 29.91 | 50 | SE | 6 | A | 29.91 | -0.03 | 49 | 46 | +3 | S | 6 | 0 | 54 | 47 | 0.58 | |
| Leith | 29.83 | 47 | SE | 1 | A | 29.84 | +0.01 | 48 | 47 | +1 | E | 2 | 0 | 50 | 46 | 0.51 | |
| †Shields | 29.89 | 49 | SE | 5 | A | 29.87 | -0.02 | 49 | 45 | +4 | SE | 6 | 0 | 51 | 46 | 0.43 | |
| Spurn Head | 29.92 | 52 | SE | 5 | 0 | 29.84 | -0.08 | 49 | 46 | +3 | SE | 8 | 0 | 52 | 46 | 0.12 | |
| York | 29.91 | 47 | SE | 1 | A | 29.85 | -0.06 | 46 | 44 | +2 | SE | 1 | 0 | 52 | 46 | 0.43 | |
| Loughborough | 29.89 | 48 | E | 1 | A | 29.79 | -0.10 | 45 | 42 | +3 | SE | 5 | 0 | 49 | 43 | 0.49 | |
| †Ardrossan | 29.80 | 54 | NE | 3 | A | 29.78 | -0.02 | 48 | 48 | 0 | E | 3 | 0 | 55 | 46 | 0.68 | |
| †Mallaghmore | 29.77 | 51 | SE | 1 | 6 | 29.71 | -0.06 | 46 | 43 | +3 | E | 4 | 6 | 56 | 43 | - | |
| Donaghadee | 29.75 | 51 | N | 2 | 60 | 29.75 | 0 | 48 | 47 | +1 | SE | 2 | A | 55 | 41 | 0.13 | |
| Parsonstown | 29.51 | 48 | Z | 0 | 60 | 29.74 | -0.12 | 34 | 33 | +1 | Z | 0 | 6 | 56 | 33 | - | |
| Barrow-in-Furness | 29.81 | 48 | SE | 6 | 0 | 29.80 | -0.01 | 48 | 46 | +2 | NE | 4 | 0 | 50 | 46 | 0.43 | |
| †Holyhead | 29.79 | 52 | W | 1 | 0 | 29.71 | -0.08 | 49 | 47 | +2 | E | 4 | 0 | 54 | 44 | 0.17 | |
| Liverpool (Bidston) | 29.72 | 47 | SE | 2 | 0 | 29.76 | +0.04 | 46 | 45 | +1 | E | 3 | 0 | 49 | 45 | 0.22 | |
| †Valencia | 29.78 | 53 | SE | 3 | 60 | 29.74 | -0.04 | 50 | 49 | +1 | NW | 2 | 0 | 57 | 48 | 0.34 | |
| Roche's Point | 29.82 | 55 | SW | 2 | 6 | 29.71 | -0.11 | 50 | 49 | +1 | N | 1 | 0 | 59 | 40 | - | |
| Pembroke | 29.80 | 52 | WNW | 2 | 6 | 29.65 | -0.15 | 51 | 50 | +1 | ENE | 2 | A | 55 | 47 | 0.03 | |
| †Scilly | 29.79 | 55 | N | 1 | 0 | 29.65 | -0.14 | 53 | 49 | +4 | NW | 4 | 0 | 56 | 51 | 0.01 | |
| Prawle Point | 29.81 | 56 | SW | 2 | 0 | 29.55 | -0.26 | 53 | 53 | 0 | N | 3 | A | 57 | 51 | 1.35 | |
| Hurst Castle | 29.84 | 55 | S | 2 | A | 29.61 | -0.23 | 57 | 56 | +1 | SW | 4 | 0 | 58 | 51 | 1.52 | |
| †Dover | 29.95 | 58 | SE | 3 | 0 | 29.75 | -0.20 | 48 | 47 | +1 | SE | 4 | 0 | 53 | 48 | 0.28 | |
| †London | 29.95 | 50 | SE | 2 | 0 | 29.69 | -0.26 | 46 | 46 | 0 | SE | 2 | A | 55 | 45 | 0.55 | |
| Oxford | 29.86 | 50 | SE | 3 | A | 29.68 | -0.18 | 47 | 47 | 0 | E | 2 | 0 | 51 | 46 | 0.46 | |
| Cambridge | 29.91 | 51 | SE | 1 | A | 29.77 | -0.14 | 45 | 43 | +2 | E | 1 | 0 | 53 | 43 | 0.20 | |
| †Yarmouth | 29.96 | 49 | SE | 4 | 0 | 29.81 | -0.15 | 47 | 44 | +3 | E | 6 | 0 | 50 | 44 | - | |
| The Helder | 30.05 | 43 | E | 3 | 6 | 29.91 | -0.14 | 37 | 35 | +2 | E | 3 | 0 | 43 | 37 | - | |
| Cape Gris Nez | 29.99 | 56 | E | 3 | 0 | 29.70 | -0.29 | 46 | 46 | 0 | ENE | 1 | A | 63 | 43 | 0.20 | |
| †Jersey | 29.76 | 57 | S | 3 | 0 | 29.59 | -0.17 | 56 | 55 | +1 | WSW | 5 | 0 | 58 | 54 | 0.42 | |
| Brest | 29.85 | 58 | SW | 5 | A | 29.69 | -0.16 | 53 | 51 | +2 | NW | 5 | 0 | 61 | 50 | 0.04 | |
| Lorient | 29.89 | 59 | SW | 5 | 0 | 29.68 | -0.21 | 55 | 53 | +2 | NW | 7 | 0 | 61 | 54 | 0.67 | |
| †Rochefort | 29.90 | 60 | WSW | 3 | 0 | 29.71 | -0.19 | 59 | 58 | +1 | WNW | 7 | 0 | 64 | 48 | 0.20 | |
| Biarritz | 29.99 | 61 | ENE | 1 | 0 | 29.89 | -0.10 | 59 | 55 | +4 | W | 7 | A | 63 | 54 | 0.24 | |
| Corunna | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | 29.82 | -0.19 | 39 | 39 | 0 | E | 3 | A | 46 | 39 | 0.04 | |
| Charleville | 29.98 | 48 | NE | 4 | 0 | 29.81 | -0.17 | 46 | 43 | +3 | NNE | 1 | 0 | ? | ? | 0.04 | |
| Paris | 29.90 | 51 | NE | 3 | 0 | 29.73 | -0.17 | 50 | 47 | +3 | E | 4 | 0 | | | | |
| Lyons | 30.02 | ? | NW | ? | ? | 29.86 | -0.16 | 43 | 42 | +1 | NW | 1 | 0 | ? | ? | 0.04 | |
| Toulon | 29.82 | 55 | NW | 7 | 6 | 29.84 | ? | 50 | 48 | +2 | NW | 3 | 6 | ? | 48 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.61 | 43 | SE | 3 | A | 28.58 | -0.03 | 41 | 40 | +1 | SE | 3 | 0 | 45 | 40 | 0.17 | |

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

| | Bar. | Dry. | Wet. | Wind. | Wav. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wav. | Sea. |
|---------------|-------|------|------|-------|------|------|---------------------|-------|------|------|-------|------|------|
| Skudesnaes | 30.29 | 49 | 42 | SE | 6 | 0 | Valencia | | | | | | |
| Sumburgh Head | | | | | | | Scilly | | | | | | |
| Stornoway | | | | | | | Dover | | | | | | |
| Aberdeen | | | | | | | London | | | | | | |
| Shields | | | | | | | Yarmouth | | | | | | |
| Ardrossan | | | | | | | Jersey | | | | | | |
| Mullaghmore | | | | | | | Rochefort | 29.94 | 62 | 59 | WSW | 4 | 0 |
| Holyhead | | | | | | | Sea Level (440 ft.) | 28.26 | 38 | 33 | SE | 7 | 45 |
| | | | | | | | Bar. at 120 | | | | | | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 8 p.m. in our islands (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

TUESDAY, 17TH OCTOBER.

1882

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.)

WEATHER CHARTS

for 8 a.m. on Tuesday, 17th OCTOBER, 1882

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.

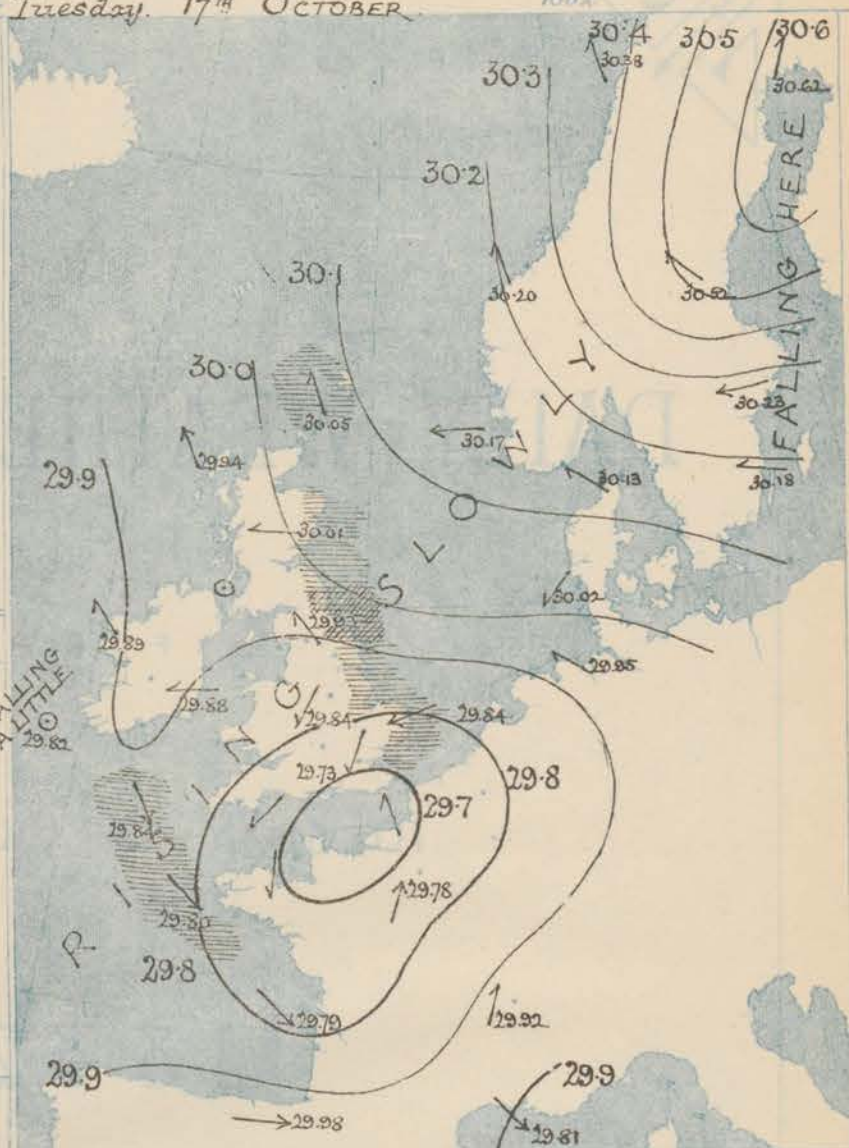
Sea Disturbance; where considerable, is shown by shading round the coast, thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings In. |
|--------------|----------------------|
| Nairn | 29.729 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenecastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

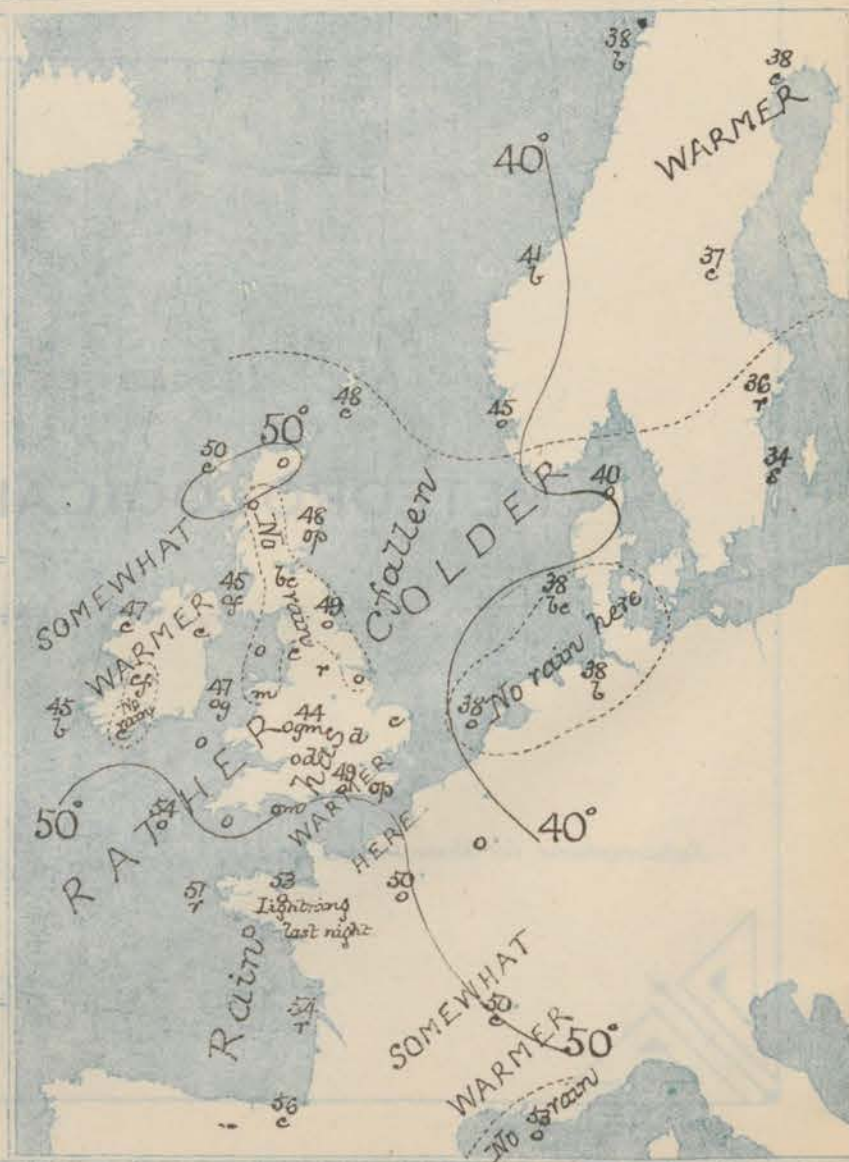
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of October

| Stations | Temp. | Rain-fall In. |
|-------------------|-------|------------------|
| Samburgh Head | 46.4 | 2.64 |
| Stornoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 49.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 6.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday 17th OCTOBER 1882 at 8 a.m.

The depression which lay over the S. of England yesterday has since moved slowly E^{ward} and is now found over the eastern part of the Channel, in which position it appears to be filling up. The barometer is still high over Sweden, and is rising at nearly all our own and the French stations, but at Valencia a fresh fall has set in since 10 p.m. Moderate or fresh E^{ly} and SE^{ly} winds prevail over Scandinavia, Denmark, and the N. of our Islands, but at the more southern stations the wind has shifted to NE, while in the west of France there is a moderate gale from NW. Cloudy weather still prevails generally, with mist or drizzling rain over the southern districts. The amounts of rain measured in the south of England this morning were large; in London there was 0.5 in: at Oxford 0.7 in:; and at Poole Point 0.9 in: . Temperature has fallen in the E. and S., and now ranges from 54° at Scilly to 42° at Kairn and 38° at Parsonstown. The maxima recorded yesterday were generally low; in London the thermometer did not exceed 50°. The sea is high at Shields, rough on our E. and N. coast generally.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

18th OCTOBER

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

DISTRICTS

FORECASTS

| | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | SE ^{ly} and S ^{ly} winds, moderate at first but increasing; cloudy to dull and rainy. |
| 1 | SCOTLAND EAST | -----D°-----D°-----D°----- |
| 2 | ENGLAND N.E. | SE ^{ly} winds, moderate to fresh; dull, some rain. |
| 3 | ENGLAND EAST | Same as N° 5. |
| 4 | MIDLAND COUNTIES | Same as N° 5. |
| 5 | ENGLAND SOUTH | NE ^{ly} to E ^{ly} or SE ^{ly} winds, moderate; cloudy at first then dull and rainy. |

DISTRICTS

FORECASTS

| | | |
|----------|---------------|--|
| 6 | SCOTLAND WEST | E ^{ly} winds, light or moderate; dull, foggy, some rain. |
| 7 | ENGLAND N.W. | E ^{ly} to SE ^{ly} winds, moderate; dull, some rain, misty. |
| 8 | ENGLAND S.W. | NW ^{ly} winds, backing to W. or SW. moderate; dull, some rain. |
| 9 | IRELAND NORTH | E ^{ly} and SE ^{ly} winds, moderate; cloudy to rainy. |
| 10 | IRELAND SOUTH | Variable to SE ^{ly} winds, moderate; fair to dull and rainy. |
| WARNINGS | | NONE ISSUED. |

METEOROLOGICAL OBSERVATIONS FOR

17th OCT^r 1882

| YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|------|---------------------|---|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | | |
| | | | Dir. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | Amount of Rainfall. | | |
| Haparanda | 30.65 | 36 | Z | 0 | 0 | 30.62 | - 0.1 | 32 | 37 | + 8 | SW | 2 | C | * | 41 | 27 | - | | |
| Herrnøand | 30.53 | 50 | ESE | 4 | C | 30.52 | - 0.6 | 37 | 35 | - 5 | SE | 4 | C | * | 46 | 37 | - | | |
| Stockholm | 30.37 | 40 | E | 8 | 0 | 30.23 | - 2.3 | 36 | 36 | - 4 | E | 6 | A | * | 43 | ? | 0.08 | | |
| Wisby | 30.26 | 39 | E | 6 | A | 30.18 | - 1.7 | 34 | 33 | - 7 | ESE | 4 | S | * | 43 | 37 | 0.20 | | |
| Bodö | 30.42 | 41 | E | 2 | C | 30.38 | - 0.4 | 38 | 34 | - 1 | SSE | 2 | C | * | 41 | 34 | - | | |
| Christiansund | 30.20 | 44 | SE | 4 | S | 30.20 | - 1.0 | 41 | 35 | - 6 | SE | 3 | C | 2 | 46 | 37 | - | | |
| †Skudesnaes | 30.16 | 45 | ESE | 6 | C | 30.17 | - 0.9 | 45 | 38 | - 7 | E | 5 | O | 4 | 52 | 45 | - | | |
| Oxö (Xiansund) | 30.12 | 46 | E | 8 | 0 | 30.14 | - 0.8 | 39 | 36 | - 5 | NNE | 6 | O | 4 | 46 | 30 | 0.08 | | |
| Skagen (The Skaw) | 30.16 | 43 | ESE | 6 | 0 | 30.13 | - 1.1 | 40 | 38 | - 4 | ESE | 4 | O | 3 | 45 | 39 | 0.04 | | |
| Fanö | 29.97 | 41 | E | 6 | C | 29.92 | - 0.4 | 38 | 37 | - 7 | NE | 3 | C | * | 46 | 36 | - | | |
| Cuxhaven | 29.86 | 46 | ESE | 3 | C | 29.95 | - 0.6 | 38 | 37 | - 1 | ESE | 3 | C | * | 41 | 36 | - | | |
| †Sumburgh Head | 29.99 | 47 | SSE | 6 | 0 | 30.05 | + 0.6 | 48 | 45 | - 3 | SSE | 4 | C | 6 | 52 | 43 | 0.08 | | |
| †Stornoway | 29.83 | 48 | N | 1 | 0 | 29.94 | + 1.8 | 50 | 48 | - 2 | SSE | 5 | C | 4 | 54 | 42 | 0.17 | | |
| Wick | 29.93 | 50 | S | 5 | 0 | 30.01 | + 1.4 | 51 | 48 | - 3 | S | 4 | O | 4 | 51 | 48 | 0.15 | | |
| Nairn | 29.88 | 48 | SE | 1 | 0 | 29.97 | + 1.8 | 42 | 41 | - 1 | Z | 0 | O | 1 | 50 | 39 | - | | |
| †Aberdeen | 29.91 | 49 | SE | 6 | 0 | 30.01 | + 1.0 | 48 | 45 | - 3 | E | 3 | O | 6 | 51 | 45 | 0.15 | | |
| Leith | 29.86 | 49 | SE | 6 | C | 29.96 | + 1.2 | 46 | 45 | - 1 | SE | 4 | C | * | 50 | 42 | - | | |
| †Shields | 29.83 | 49 | SE | 6 | 0 | 29.93 | + 0.6 | 49 | 46 | - 3 | SE | 4 | O | 7 | 50 | 45 | 0.20 | | |
| Spurn Head | 29.73 | 47 | E | 8 | 0 | 29.83 | - 0.1 | 47 | 45 | - 2 | E | 6 | O | 5 | 52 | 45 | - | | |
| York | 29.78 | 46 | E | 3 | 0 | 29.89 | + 0.4 | 45 | 45 | 0 | NE | 1 | A | * | 48 | 43 | 0.02 | | |
| Loughborough | 29.71 | 43 | E | 3 | 0 | 29.84 | + 0.5 | 44 | 44 | 0 | NE | 3 | O | 7 | 45 | 43 | - | | |
| †Ardrossan | 29.83 | 49 | ENE | 1 | 50 | 29.96 | + 1.8 | 45 | 45 | 0 | ENE | 1 | O | 1 | 52 | 42 | 0.05 | | |
| †Mullaghmore | 29.77 | 50 | ESE | 3 | C | 29.89 | + 1.8 | 47 | 45 | - 2 | SE | 1 | C | 2 | 53 | 45 | - | | |
| Donaghadee | 29.80 | 50 | ESE | 2 | C | 29.93 | + 1.8 | 49 | 47 | - 2 | E | 4 | C | 2 | 53 | 47 | 0.03 | | |
| Parsonstown | 29.76 | 47 | N | 1 | 0 | 29.93 | + 1.9 | 38 | 37 | - 1 | Z | 0 | C | * | 46 | 33 | - | | |
| Barrow-in-Furness | 29.76 | 47 | NE | 4 | 0 | 29.89 | + 0.9 | 46 | 44 | - 2 | NE | 2 | O | 3 | 51 | 44 | - | | |
| †Holyhead | 29.70 | 48 | E | 5 | 0 | 29.88 | + 1.7 | 47 | 44 | - 3 | E | 3 | O | 3 | 49 | 45 | 0.03 | | |
| Liverpool (Bidston) | 29.72 | 46 | ENE | 4 | 0 | 29.88 | + 1.2 | 45 | 43 | - 2 | E | 1 | M | 2 | 48 | 44 | - | | |
| †Valencia | 29.80 | 51 | NW | 4 | C | 29.82 | + 0.8 | 45 | 45 | 0 | Z | 0 | C | 1 | 55 | 44 | 0.06 | | |
| Roche's Point | 29.71 | 50 | NNW | 4 | C | 29.90 | + 1.9 | 49 | 48 | - 1 | NNW | 3 | C | 3 | 55 | 44 | - | | |
| Pembroke | 29.63 | 49 | ENE | 2 | A | 29.84 | + 1.9 | 48 | 46 | - 2 | NE | 2 | O | 1 | 51 | 44 | 0.34 | | |
| †Scilly | 29.64 | 54 | NW | 5 | C | 29.84 | + 1.9 | 54 | 49 | - 5 | NNW | 5 | O | 5 | 55 | 51 | 0.02 | | |
| Prawle Point | 29.55 | 50 | NNW | 4 | A | 29.78 | + 2.3 | 46 | 45 | - 1 | N | 4 | O | 4 | 55 | 44 | 0.89 | | |
| Hurst Castle | 29.48 | 53 | ESE | 4 | A | 29.71 | + 1.0 | 50 | 49 | - 1 | ENE | 2 | O | 4 | 57 | 49 | 0.28 | | |
| †Dover | 29.59 | 51 | ESE | 4 | A | 29.68 | - 0.7 | 53 | 52 | - 1 | SE | 3 | O | 3 | 54 | 48 | 0.37 | | |
| †London | 29.73 | 49 | E | 4 | OTN | 29.73 | + 0.4 | 49 | 48 | - 1 | NE | 3 | O | * | 50 | 44 | 0.54 | | |
| Oxford | 29.60 | 43 | ENE | 3 | A | 29.79 | + 1.1 | 46 | 45 | - 1 | NE | 3 | O | * | 48 | 43 | 0.72 | | |
| Cambridge | 29.67 | 44 | NE | 2 | A | 29.79 | + 0.2 | 46 | 46 | 0 | NE | 2 | O | * | 46 | 42 | 0.14 | | |
| †Yarmouth | 29.69 | 46 | E | 6 | C | 29.78 | - 0.3 | 48 | 47 | - 1 | ENE | 6 | A | 5 | 48 | 44 | 0.14 | | |
| The Helder | 29.81 | 39 | E | 3 | 0 | 29.84 | - 0.7 | 38 | 37 | - 1 | ENE | 4 | O | 3 | 39 | 37 | - | | |
| Cape Gris Nez | 29.62 | 50 | ENE | 5 | A | 29.68 | - 0.2 | 50 | 50 | 0 | SSE | 4 | O | 3 | 55 | 45 | 0.35 | | |
| †Jersey | 29.55 | 54 | WNW | 4 | C | 29.70 | + 1.1 | 53 | 51 | - 2 | N | 3 | C | 3 | 58 | 49 | 0.19 | | |
| Brest | 29.70 | 52 | NW | 4 | 0 | 29.80 | + 1.1 | 51 | 50 | - 1 | NW | 5 | A | 5 | 54 | 50 | 0.39 | | |
| Lorient | 29.63 | 53 | NW | 7 | A | 29.75 | + 0.7 | 55 | 50 | - 5 | NW | 8 | O | 5 | 59 | 50 | 0.08 | | |
| †Rochefort | 29.71 | 57 | WNW | 8 | C | 29.79 | + 0.8 | 54 | 52 | - 2 | NW | 7 | A | 4 | 63 | 46 | 0.24 | | |
| Biarritz | 29.91 | 60 | WNW | 7 | 0 | 29.98 | + 0.9 | 56 | 53 | - 3 | W | 7 | C | 4 | 63 | 50 | 0.12 | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels | * | * | * | * | * | 29.73 | - 0.9 | 50 | 49 | - 1 | SE | 1 | O | * | ? | ? | 0.51 | | |
| Charleville | 29.70 | 49 | SE | 4 | 0 | 29.76 | - 0.5 | 49 | 46 | - 3 | S | 5 | O | * | 54 | 46 | 1.10 | | |
| Paris | 29.63 | 52 | ESE | 3 | 0 | 29.78 | - 0.0 | 50 | 48 | - 2 | SSW | 5 | O | * | * | * | 0.28 | | |
| Lyons | 29.82 | 49 | S | 1 | 0 | 29.92 | + 0.6 | 50 | 46 | - 4 | SSW | 1 | C | * | 53 | ? | 0.39 | | |
| Toulon | 29.88 | 54 | NW | 5 | C | 29.81 | - 0.3 | 53 | 49 | - 4 | NW | 5 | O | 3 | 59 | 50 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.52 | 41 | E | 3 | 0 | 28.66 | + 0.8 | 43 | 42 | - 1 | E | 2 | C | * | 43 | 38 | 0.02 | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. |
|---------------|-------|------|------|-------|------|------|----------------------|-------|------|------|-------|------|--------------|
| Skudesnaes | 30.18 | 52 | 43 | E | 6 | 0 | Valencia | 29.76 | 53 | 51 | NW | 3 | C |
| Sumburgh Head | 30.00 | 50 | 46 | SSE | 7 | 0 | Scilly | 29.63 | 55 | 51 | NW | 5 | C |
| Stornoway | 29.80 | 53 | 51 | ESE | 4 | C | Dover | 29.63 | 49 | 48 | ESE | 5 | ump |
| Aberdeen | 29.91 | 51 | 47 | SSE | 7 | 0 | London | 29.62 | 49 | 49 | E | 5 | 0.97 |
| Shields | 29.83 | 50 | 47 | SE | 6 | 0 | Yarmouth | 29.73 | 46 | 43 | ESE | 6 | A |
| Ardrossan | 29.80 | 51 | 49 | ESE | 3 | C | Jersey | 29.54 | 56 | 54 | W | 5 | C |
| Mullaghmore | 29.73 | 52 | 48 | E | 4 | C | Rochefort | 29.71 | 57 | 55 | WNW | 7 | K |
| Holyhead | 29.69 | 49 | 46 | E | 5 | 0 | Ben Nevis (4406 ft.) | 28.26 | 33 | 33 | ESE | 5 | F |
| | | | | | | | | | | | | | Max Min Rain |
| | | | | | | | | | | | | | 33 32 0.29 |

The barometer has ceased falling in Ireland and Scotland, but continues to go down in the S. Winds in the N. are inclined to back somewhat but elsewhere they are little changed. The weather continues dull and rainy in the SE.

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 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).

Received too late for insertion in charts.

DAILY WEATHER REPORT

F O R

WEDNESDAY, 18TH OCTOBER.

1882

ISSUED BY THE
METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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D^o D^o Bookpost 5^s D^o

ROBERT H. SCOTT
(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 18th OCTOBER, 1882

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.

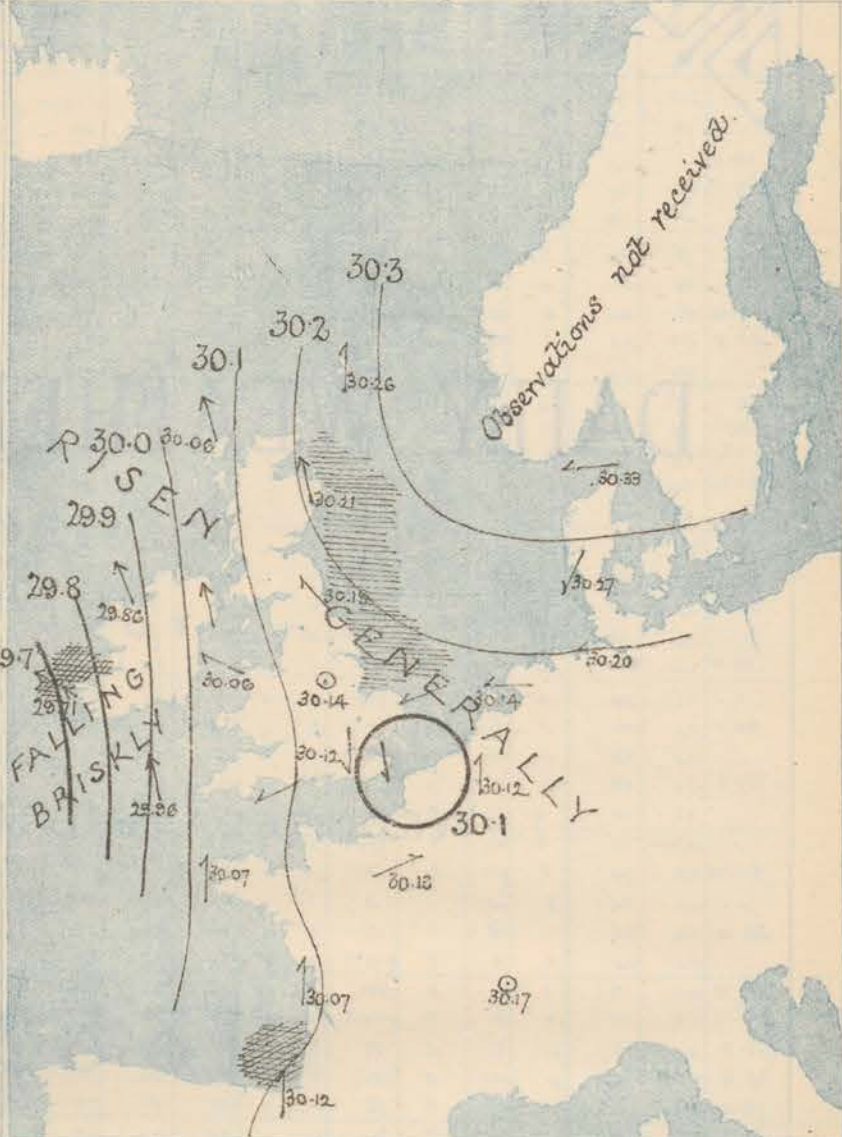
Sea Disturbance, where considerable, is shown by shading round the coast, thus: = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings Inch. |
|-------------|------------------------|
| Nairn | 29.723 |
| Aberdeen | 29.738 |
| Leith | 29.778 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenock | 29.788 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roshe's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

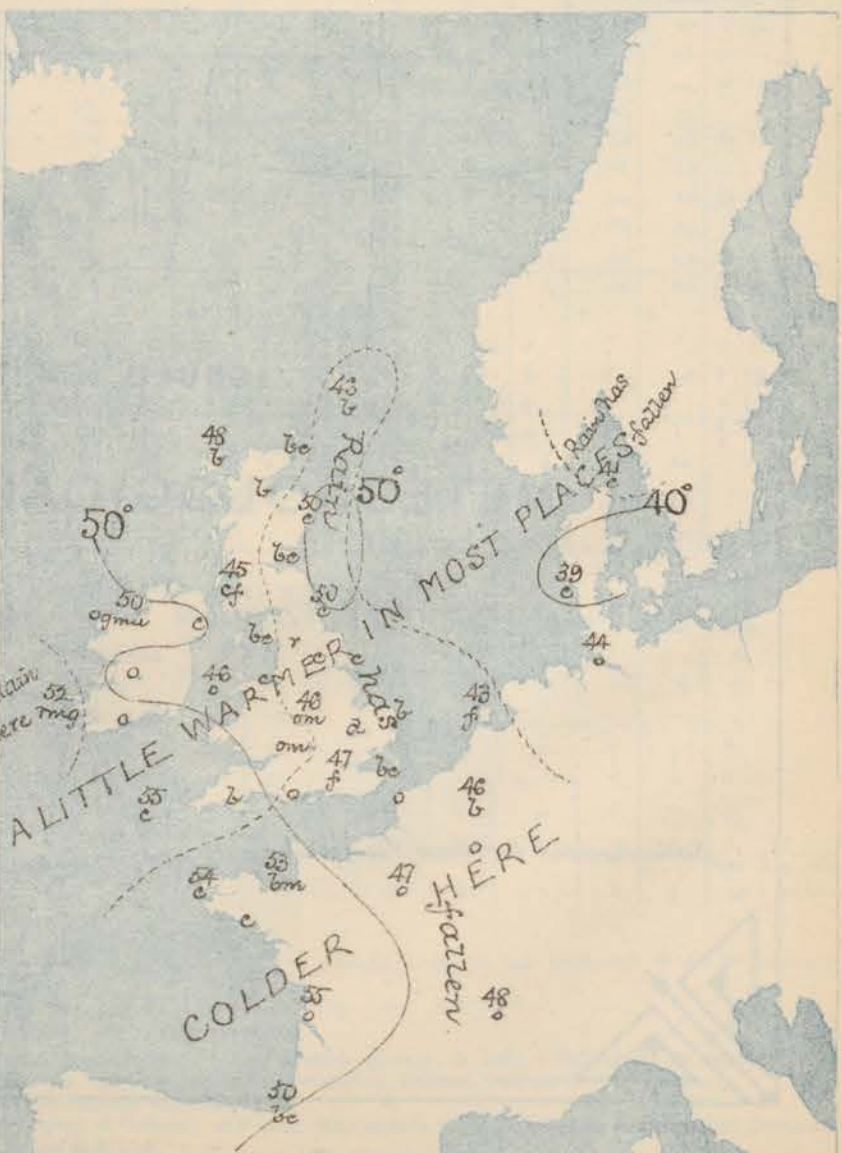
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of October.

| Stations | Temp | Rain-fall |
|-------------------|------|-----------|
| Sunderburgh Head | 46.7 | 2.64 |
| Sternesay | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 49.3 | 2.57 |
| York | 49.9 | 2.46 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 51.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 63.0 | 3.76 |
| LONDON | 62.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday 18th OCT^r 1882 at 8 a.m.

In the course of the past twenty four hours the barometer has continued to rise at all but the western stations, and the depression of the past two days has almost entirely filled up. In Ireland, however, a new and brisk fall has set in during the night, and a somewhat deep disturbance is evidently approaching our south-west coast. Light N^{ly} and NE^{ly} winds prevail in the south east of England, but on all our western and northern coast SE^{ly} breezes are reported, and in the west of Ireland they have increased to a slight gale. The weather is fine in Scotland and on the south-east coast of England, cloudy or overcast elsewhere, with rain at Valencia. Slight rain fell yesterday at all our E- and SE- stations, and heavy rain at Dover. Temperature has fallen over France, risen elsewhere; and readings range from 55 at Tully to 39° at Cairn. In the SE. of England the maxima yesterday were very low; at Oxford and Cambridge the thermometer did not exceed 48°, and in London the highest reading was 50°.

The sea is high at Valencia, rough on our north-east coasts.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

19th OCTOBER.

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

DISTRICTS

FORECASTS

| | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | SE ^{ly} and S ^{ly} winds, strong to a gale; fine to dull and rainy. |
| 1 | SCOTLAND EAST | -----D°-----D°-----D°----- |
| 2 | ENGLAND N.E. | SE ^{ly} winds, moderate to fresh or strong; fair to dull and rainy. |
| 3 | ENGLAND EAST | Same as No 5 |
| 4 | MIDLAND COUNTIES | Same as No 5. |
| 5 | ENGLAND SOUTH | Wind shifting to E. and SE., light to fresh; fair to dull and rainy. |

DISTRICTS

FORECASTS

| | | |
|----------|---------------|--|
| 6 | SCOTLAND WEST | E ^{ly} to SE ^{ly} winds, freshening; cloudy, some fog and rain. |
| 7 | ENGLAND N.W. | SE ^{ly} winds, moderate to strong, perhaps a gale; dull, rainy. |
| 8 | ENGLAND S.W. | S ^{ly} to SW ^{ly} winds, fresh or strong; dull, rainy. |
| 9 | IRELAND NORTH | SE ^{ly} and S ^{ly} winds, strong to a gale; cloudy, rainy. |
| 10 | IRELAND SOUTH | SE ^{ly} to SW ^{ly} or W ^{ly} winds, strong to a gale; dull, unsettled, some rain. |
| WARNINGS | | The S. cone has been hoisted this morn ^g in districts 0.1.6.7.9.10 and part of 8 |

METEOROLOGICAL OBSERVATIONS FOR

18th OCT.

1882

| † 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 14). | | 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 | 30.48 | 35 | Z | 0 | 6 | 30.39 | - .23 | 33 | 33 | - 5 | S | 2 | S | * | 27 | 28 | - | |
| Hernösand | 30.32 | 36 | E.N.E. | 4 | h | 30.33 | - .19 | 35 | 33 | - 2 | N.W. | 2 | c | * | 45 | ? | 0.16 | |
| Stockholm | 30.23 | 37 | E | 2 | h | 30.36 | + .13 | 38 | 38 | + 2 | W | 2 | c | * | 43 | 34 | 0.32 | |
| Wisby | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Bodö | 30.33 | 33 | SE | 2 | 6 | 30.34 | - .04 | 36 | 34 | - 2 | E.N.E. | 2 | c | 1 | 41 | 30 | - | |
| Christiansund | 30.25 | 43 | E.S.E. | 2 | 0 | 30.34 | - .14 | 43 | 38 | + 2 | SW | 1 | 0 | 1 | 45 | 37 | - | |
| Skudesnæs | 30.25 | 45 | SE | 2 | 0 | 30.36 | + .19 | 44 | 39 | - 1 | SSE | 2 | 0 | 3 | 50 | ? | - | |
| Oxö (Xiänsund) | 30.23 | 37 | N. | 4 | 0 | 30.36 | + .22 | 37 | 34 | - 2 | N | 4 | c | 2 | 41 | 36 | - | |
| Skagen (The Skaw) | 30.20 | 41 | E.S.E. | 2 | 6c | 30.33 | + .20 | 41 | 39 | + 1 | E | 2 | c | 1 | 41 | 37 | 0.04 | |
| Fanö | 30.18 | 38 | NE | 4 | c | 30.37 | + .25 | 39 | 38 | + 1 | NE | 4 | c | * | 46 | 36 | - | |
| Cuxhaven | 30.01 | ? | E | 4 | c | 30.20 | + .25 | 44 | 43 | + 6 | E | 3 | 0 | * | ? | 36 | - | |
| †Sumburgh Head | 30.15 | 46 | SW | 2 | c | 30.26 | + .21 | 46 | 44 | - 2 | S | 3 | 6 | 3 | 52 | 42 | 0.11 | |
| †Stornoway | 30.02 | 51 | SSE | 4 | 6c | 30.06 | + .12 | 48 | 46 | - 2 | SE | 5 | 6 | 4 | 54 | 47 | - | |
| Wick | 30.11 | 50 | S | 4 | c | 30.20 | + .19 | 50 | 45 | - 1 | S | 6 | 6c | 4 | 52 | 45 | - | |
| Nairn | 30.06 | 48 | SE | 1 | 6 | 30.14 | + .17 | 39 | 38 | - 3 | SE | 1 | 6 | 0 | 50 | 37 | - | |
| †Aberdeen | 30.12 | 48 | SE | 4 | 6 | 30.21 | + .20 | 50 | 45 | + 2 | SSE | 6 | c | 6 | 54 | 45 | 0.10 | |
| Leith | 30.08 | 49 | E | 2 | 6c | 30.16 | + .20 | 46 | 45 | 0 | S | 1 | 6c | * | 54 | 37 | 0.03 | |
| †Shields | 30.06 | 49 | E | 3 | c | 30.18 | + .25 | 50 | 47 | + 1 | SE | 4 | c | 6 | 52 | 46 | 0.05 | |
| Spurn Head | 29.99 | 49 | NE | 3 | 0 | 30.12 | + .29 | 51 | 49 | + 4 | E | 4 | c | 5 | 51 | 46 | 0.11 | |
| York | 30.02 | 47 | NE | 1 | cf | 30.16 | + .27 | 47 | 46 | + 2 | E | 1 | c | * | 52 | 42 | 0.12 | |
| Loughborough | 30.00 | 46 | N.N.E. | 1 | 0 | 30.14 | + .30 | 46 | 45 | + 2 | E.N.E. | 1 | om | * | 49 | 44 | 0.03 | |
| †Ardrossan | 30.04 | 49 | E.N.E. | 1 | 0 | 30.11 | + .15 | 45 | 44 | 0 | E.N.E. | 3 | cf | 2 | 54 | 39 | - | |
| †Mullaghmore | 29.95 | 51 | ESE | 4 | c | 29.86 | - .03 | 50 | 48 | + 3 | SE | 7 | ngm | 4 | 55 | 46 | - | |
| Donaghadee | 30.03 | 51 | SSE | 4 | c | 30.05 | + .12 | 50 | 46 | + 1 | SSE | 6 | c | 4 | 52 | 47 | - | |
| Parsonstown | 29.99 | 46 | Z | 0 | 6c | 29.90 | - .03 | 48 | 45 | + 10 | SE | 2 | 0 | * | 52 | 37 | - | |
| Barrow-in-Furness | 30.01 | 48 | NE | 2 | h | 30.11 | + .22 | 47 | 46 | + 1 | NE | 3 | 6c | 2 | 53 | 46 | - | |
| †Holyhead | 30.01 | 49 | E | 2 | m | 30.06 | + .18 | 46 | 44 | - 1 | ESE | 2 | 0 | 2 | 50 | 43 | - | |
| Liverpool (Bidston) | 30.01 | 48 | E.N.E. | 2 | 0 | 30.11 | + .23 | 45 | 44 | 0 | SE | 1 | c | 1 | 50 | 43 | - | |
| †Valencia | 29.92 | 43 | ESE | 4 | h | 29.71 | - .11 | 52 | 52 | + 7 | ESE | 8 | nmg | 7 | 57 | 45 | 0.43 | |
| Roche's Point | 29.94 | 50 | SW | 3 | 6c | 29.85 | - .03 | 54 | 53 | + 5 | SSE | 6 | 0 | 4 | 59 | 48 | - | |
| Pembroke | 29.97 | 48 | E | 1 | 0 | 30.01 | + .17 | 52 | 49 | + 4 | SE | 4 | c | 2 | 52 | 47 | - | |
| †Scilly | 29.97 | 53 | N.N.W. | 2 | c | 29.96 | + .12 | 55 | 52 | + 1 | SSE | 5 | c | 4 | 56 | 49 | - | |
| Prawle Point | 29.98 | 49 | N.N.W. | 3 | 0 | 29.08 | + .30 | 52 | 50 | + 6 | E.N.E. | 2 | 6 | 1 | 53 | 44 | - | |
| Hurst Castle | 29.95 | 49 | NE | 3 | od | 30.10 | + .39 | 47 | 46 | - 3 | E.N.E. | 2 | 0 | 3 | 57 | 42 | 0.02 | |
| †Dover | 29.89 | 50 | E.N.E. | 4 | om | 30.08 | + .40 | 49 | 49 | - 4 | N.W. | 3 | 6c | 1 | 55 | 49 | 0.56 | |
| †London | 29.96 | 48 | N.N.E. | 3 | 0 | 30.12 | + .39 | 47 | 46 | - 2 | N | 1 | f | * | 50 | 43 | 0.01 | |
| Oxford | 30.02 | 46 | N.N.W. | 2 | 0 | 30.14 | + .35 | 45 | 44 | - 1 | NE | 1 | om | * | 48 | 45 | - | |
| Cambridge | 29.98 | 46 | N | 1 | c | 30.13 | + .34 | 48 | 47 | + 2 | N | 1 | d | * | 48 | 44 | - | |
| †Yarmouth | 29.93 | 48 | E.N.E. | 4 | e | 30.11 | + .33 | 52 | 50 | + 4 | E.N.E. | 3 | 6 | h | 52 | 46 | 0.02 | |
| The Helder | 30.01 | 42 | E | 4 | 0 | 30.14 | + .30 | 43 | 42 | + 5 | E | 1 | f | 1 | 43 | 37 | 0.08 | |
| Cape Gris Nez | 29.96 | 53 | NE | 4 | h | 30.08 | + .40 | 53 | 53 | + 3 | N.N.W. | 4 | 0 | 4 | 57 | 50 | 0.39 | |
| †Jersey | 29.95 | 53 | N.N.W. | 2 | ngm | 30.10 | + .40 | 53 | 50 | 0 | SSW | 1 | 6m | 1 | 57 | 51 | 0.01 | |
| Brest | 30.04 | 53 | N | 3 | 0 | 30.07 | + .27 | 54 | 51 | + 3 | S | 4 | c | 4 | 55 | 46 | 0.04 | |
| Lorient | 29.95 | 55 | N.N.W. | 7 | 0 | 30.07 | + .32 | 51 | 50 | - 4 | E | 4 | c | 4 | 57 | 46 | - | |
| †Rochefort | 29.96 | 57 | N.W. | 8 | h | 30.07 | + .28 | 55 | 54 | + 1 | S | 3 | 0 | 2 | 61 | 48 | 0.20 | |
| Biarritz | 30.13 | 55 | SW | 5 | h | 30.12 | + .14 | 50 | 46 | - 6 | S | 4 | 6c | 7 | 61 | 45 | 0.20 | |
| Corunna | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Brussels | ... | ... | ... | ... | ... | 30.12 | + .39 | 46 | 45 | - 4 | S | 1 | 6 | * | 54 | 44 | 0.08 | |
| Charleville | 29.95 | 49 | S | 4 | 0 | 30.12 | + .36 | 41 | 40 | - 8 | NE | 1 | 0 | * | 55 | 38 | 1.57 | |
| Paris | 29.93 | 51 | S | 4 | 0 | 30.13 | + .35 | 47 | 46 | - 3 | WSW | 4 | 0 | * | * | * | 0.47 | |
| Lyons | 30.04 | 53 | S | 1 | 0 | 30.17 | + .25 | 48 | 46 | - 2 | SE | 1 | 0 | * | 60 | 46 | 0.04 | |
| Toulon | 30.06 | 55 | N.W. | 5 | 6 | 30.13 | + .32 | 50 | 46 | - 3 | N.W. | 5 | 6 | 3 | 63 | 48 | - | |

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|----|-------|-------|----|----|-----|---|---|---|---|----|----|------|
| Iawes Junction | 29.79 | 41 | E | 1 | 6c | 29.91 | + .25 | 42 | 42 | - 1 | E | 2 | T | * | 47 | 38 | 0.02 |
|----------------|-------|----|---|---|----|-------|-------|----|----|-----|---|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | |
|-----------------|--------------------|------|------|-------|------|------|---|--------------------------------------|-------|------|-------|------|------|---------------------------------|
| Skudesnæs ... | 30.19 | 51 | ? | NE | 2 | c | 3 | Valencia ... | 29.93 | 55 | SE | 3 | c v | 4 |
| Sumburgh Head | 30.10 | 50 | 46 | SSE | 4 | bc | 5 | Scilly ... | 29.94 | 55 | NW | 2 | c | 4 |
| Stornoway ... | 29.99 | 54 | 50 | SSE | 4 | b | 3 | Dover .. | 29.80 | 52 | E | 3 | om n | 2 |
| Aberdeen ... | 30.06 | 50 | 46 | SSE | 4 | bc | 6 | London ... | 29.86 | 50 | NE | 3 | om d | * |
| Shields ... | 29.99 | 51 | 46 | E | 4 | bc | 7 | Yarmouth ... | 29.87 | 48 | E NE | 5 | c | 5 |
| Ardrossan ... | 29.99 ⁺ | 52 | 51 | ESE | 1 | c | 1 | Jersey ... | 29.85 | 53 | NW | 3 | o | 3 |
| Mullaghmore ... | 29.93 | 53 | 45 | SSE | 2 | c v | 2 | Rochefort .. | 29.90 | 57 | NW | 8 | r | 4 |
| Holyhead ... | 29.93 | 49 | 46 | E | 3 | o | 3 | Ben Meric (4406 ft) 9 am on 17th. | 25.40 | 31 | SE | 2 | f | Max. 33 Min. 29 Rain 0.01 |

The barometer continues to rise generally, but the winds are little changed except at Valencia, where a light SE breeze has sprung up. The sky has cleared considerably in the N. but remains overcast, with drizzling rain, in the SE.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy) 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).

Received this date for insertion in charts.

DAILY WEATHER REPORT

FOR

THURSDAY, 19TH OCTOBER.

1882

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.)

WEATHER CHARTS

for 8 a.m. on Thursday, 19th OCTOBER, 1882

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.

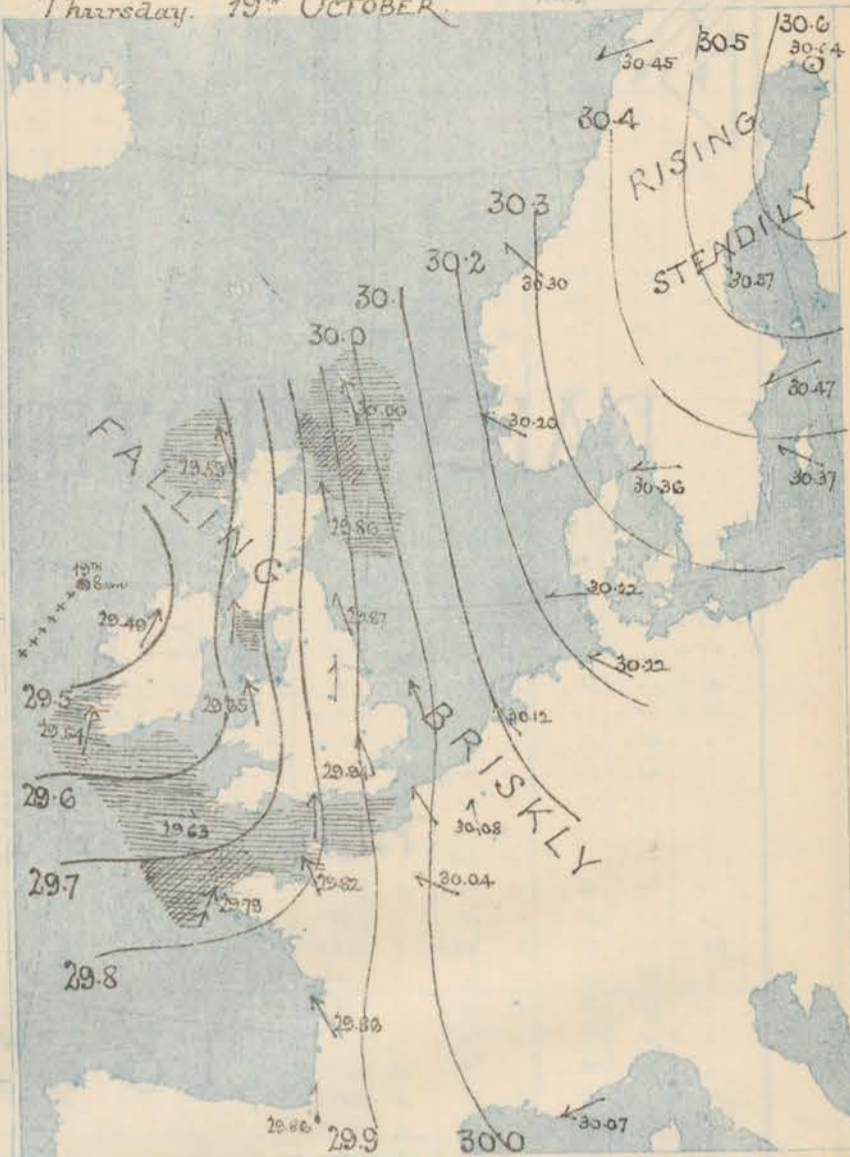
Sea Disturbance, where considerable, is shown by shading round the coast, thus: = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings. Ins. |
|-------------|------------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greencastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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 AND RAINFALL

for the month of October.

| Stations | Temp. | Rain-fall |
|-------------------|-------|-----------|
| Swanburgh Head | 46.4 | 2.64 |
| Stornoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 49.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rainfall for the 10 years 1866 to 1875.



REMARKS

for Thursday 19th OCTOBER. 1882. at 8 a.m.

The area of high pressure recently noticed over Sweden still holds, and the barometer which at Haparanda exceeds 30 ins. is again rising steadily. At all the British and French stations, however, the mercury is falling briskly, and a depression in the centre of which readings are below 29.5 ins. has advanced to our N.W. coasts. At Rock Point and Billy the winds has veered to the Wnd and moderated, but in all other places fresh or strong SE^{ly} or S^{ly} winds are reported, blowing with the force of a moderate or fresh gale in the E. and N. of Scotland. A fresh SE^{ly} gale was experienced yesterday on all the W- and N- coasts. The sky is cloudy generally with rain in many places. Heavy rain fell yesterday at all our western stations; at Valencia there was as much as 1.9 ins. and at Rock Point 2.1 ins. Temperature has risen generally, and now ranges from 56° at Hurst Castle to 48° at Lumburgh Head.

The sea is very high at Wick, and rough on our west and north coast generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

20th OCTOBER

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

DISTRICTS

FORECASTS

0 SCOTLAND NORTH

SE^{ly} winds, strong to a gale;
dull, rainy.

1 SCOTLAND EAST

-----D°-----D°-----D°-----

2 ENGLAND N.E.

-----D°-----D°-----D°-----

3 ENGLAND EAST

SE^{ly} and S^{ly} winds, strong and increasing; dull, rainy.

4 MIDLAND COUNTIES

-----D°-----D°-----D°-----

5 ENGLAND SOUTH

S^{ly} winds, strong, to variable breezes; dull, rainy.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

SE^{ly} and E^{ly} winds, fresh or strong; cloudy generally with some rain.

7 ENGLAND N.W.

SE^{ly} winds strong, perhaps a gale; dull and rainy to fair.

8 ENGLAND S.W.

SW^{ly} to W^{ly} or NW^{ly} winds, strong; dull, rainy.

9 IRELAND NORTH

S^{ly} to SE^{ly} winds, strong to a gale; dull and rainy to fair.

10 IRELAND SOUTH

W^{ly} to NW^{ly} or N^{ly} winds, fresh or strong; dull and rainy to fair.

WARNINGS

The S. cone was hoisted yesterday in districts 0 to 2 and 6 to 10

METEOROLOGICAL OBSERVATIONS FOR

19th Oct.

1882

| † 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. | | | | |
| | | | 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. | Amount of Rainfall. | | |
| Haparanda | 30.51 | 12 | N | 0 | b | 30.64 | + .25 | 23 | 22 | - 10 | N | 0 | b | * | 34 | ? | - | | |
| Hernösand | 30.56 | 35 | N N W | 2 | o | 30.57 | + .24 | 35 | 33 | 0 | N | 2 | a | * | 46 | 34 | - | | |
| Stockholm | 30.47 | 40 | E | 2 | o | 30.47 | + .11 | 43 | 43 | + 5 | E N E | 2 | a | * | 43 | 27 | 0.04 | | |
| Wisby | 30.37 | 43 | SE | 2 | o | 30.37 | | 41 | 41 | | E S E | 2 | a | * | 48 | 39 | - | | |
| Bodö | 30.45 | 37 | E | 2 | b | 30.45 | + .11 | 37 | 35 | + 1 | E N E | 4 | b | 2 | ? | 32 | - | | |
| Christiansund | 30.42 | 41 | E S E | 2 | b | 30.30 | - .04 | 39 | 35 | - 4 | SE | 3 | b | 2 | 48 | 34 | - | | |
| †Skudesnaes | 30.41 | 43 | E | 6 | b | 30.26 | - .10 | 46 | 40 | + 2 | E S E | 5 | o | 4 | ? | 43 | - | | |
| Oxö (Xiänsund) | 30.40 | 40 | N | 4 | c | 30.34 | - .02 | 44 | 42 | + 7 | N E | 6 | a | 4 | ? | ? | 0.08 | | |
| Skagen (The Skaw) | | | | | | | | | | | | | | | | | | | |
| Fanö | 30.28 | 45 | SE | 4 | o | 30.22 | - .05 | 46 | 45 | + 7 | E | 4 | o | * | 46 | 37 | - | | |
| Cuxhaven | 30.17 | ? | E | 2 | o | 30.22 | + .02 | 47 | 47 | + 3 | E S E | 2 | o | * | 48 | 39 | - | | |
| †Sumburgh Head | 30.24 | 47 | S | 4 | c | 30.00 | - .26 | 48 | 44 | + 2 | S S E | 6 | c | 6 | 52 | 43 | 0.01 | | |
| †Stornoway | 29.94 | 52 | SE | 5 | b c | 29.59 | - .47 | 53 | 51 | + 5 | SE | 7 | q d | 6 | 54 | 47 | 0.09 | | |
| Wick | 30.11 | 49 | S | 5 | b c | 29.81 | - .39 | 50 | 47 | 0 | S | 8 | o | 8 | 52 | 44 | 0.03 | | |
| Nairn | 30.07 | 48 | E S E | 3 | b c | 29.74 | - .40 | 52 | 50 | + 13 | E S E | 4 | d | 2 | 52 | 39 | 0.01 | | |
| †Aberdeen | 30.17 | 49 | S S E | 7 | o | 29.85 | - .35 | 52 | 51 | + 2 | S S E | 7 | q p | 6 | 52 | 48 | 0.20 | | |
| Leith | 30.09 | 47 | S | 5 | o | 29.73 | - .38 | 49 | 48 | + 3 | SE | 7 | a | * | 53 | 43 | 0.05 | | |
| †Shields | 30.13 | 51 | SE | 6 | o | 29.87 | - .21 | 51 | 49 | + 1 | S S E | 4 | a | 4 | 52 | 48 | 0.01 | | |
| Spurn Head | 30.12 | 53 | E S E | 4 | c | 29.94 | - .18 | 53 | 51 | + 2 | S S E | 5 | om | 4 | 54 | 50 | 0.07 | | |
| York | 30.12 | 51 | E | 1 | o | 29.90 | - .26 | 50 | 49 | + 3 | S | 3 | a | * | 53 | 45 | 0.03 | | |
| Loughborough | 30.11 | 50 | N | 0 | o | 29.89 | - .25 | 50 | 50 | + 4 | SE | 3 | ang | * | 53 | 44 | 0.07 | | |
| †Ardrossan | 30.01 | 51 | E | 4 | om | 29.69 | - .42 | 51 | 51 | + 6 | E | 3 | a | 3 | 52 | 45 | 0.10 | | |
| †Mullaghmore | 29.65 | 51 | SE | 7 | a | 29.49 | - .17 | 52 | 50 | + 2 | S S W | 8 | og | 4 | 56 | 49 | 0.70 | | |
| Donaghadee | 29.94 | 53 | S S E | 8 | c | 29.63 | - .42 | 53 | 53 | + 3 | S | 7 | a | 5 | 53 | 50 | 0.59 | | |
| Parsonstown | 29.68 | 53 | SE | 6 | a | 29.56 | - .24 | 49 | 48 | + 1 | S | 1 | o | * | 55 | 47 | 0.74 | | |
| Barrow-in-Furness | 30.05 | 51 | E | 4 | o | 29.76 | - .35 | 51 | 50 | + 4 | E S E | 6 | a | 4 | 54 | 46 | 0.09 | | |
| †Holyhead | 29.96 | 51 | S S E | 3 | o | 29.65 | - .41 | 54 | 52 | + 8 | S S E | 6 | m | 4 | 55 | 46 | 0.20 | | |
| Liverpool (Bidston) | 30.03 | 49 | E S E | 3 | c | 29.74 | - .37 | 51 | 50 | + 6 | E S E | 5 | a | 3 | 52 | 45 | 0.18 | | |
| †Valencia | 29.47 | 57 | SE | 8 | ang | 29.54 | - .17 | 54 | 52 | + 2 | S | 5 | b c | 5 | 57 | 51 | 1.92 | | |
| Roche's Point | 29.64 | 50 | S S E | 8 | a | 29.57 | - .28 | 51 | 50 | - 3 | W S W | 2 | o | 5 | 57 | 49 | 2.05 | | |
| Pembroke | 29.90 | 55 | S S E | 6 | a | 29.62 | - .39 | 54 | 54 | + 2 | S S E | 6 | a | 4 | 56 | 51 | 0.46 | | |
| †Scilly | 29.83 | 53 | S S E | 7 | a | 29.63 | - .38 | 55 | 54 | 0 | W | 4 | o | 6 | 56 | 53 | 0.80 | | |
| Prawle Point | 30.03 | 55 | S | 4 | c | 29.74 | - .34 | 54 | 54 | + 2 | S | 6 | a | 6 | 57 | 52 | - | | |
| Hurst Castle | 30.09 | 54 | E S E | 2 | c | 29.84 | - .26 | 56 | 53 | + 9 | S | 6 | c | 4 | 57 | 47 | - | | |
| †Dover | 30.15 | 51 | W S W | 2 | b | 29.98 | - .10 | 52 | 50 | + 3 | S | 4 | b c | 3 | 58 | 48 | - | | |
| †London | 30.12 | 44 | SE | 1 | f | 29.94 | - .18 | 51 | 50 | + 4 | SE | 2 | od | * | 52 | 40 | 0.02 | | |
| Oxford | 30.07 | 50 | SE | 2 | c | 29.87 | + .27 | 52 | 52 | + 7 | SE | 4 | o | * | 57 | 45 | 0.04 | | |
| Cambridge | 30.13 | 51 | E | 1 | o | 29.95 | - .18 | 50 | 50 | + 2 | S | 1 | a | * | 56 | 42 | 0.03 | | |
| †Yarmouth | 30.13 | 54 | SE | 3 | b c | 29.99 | - .12 | 54 | 51 | + 2 | S S E | 5 | c | 4 | 55 | 50 | - | | |
| The Helder | 30.21 | 45 | E | 1 | f | 30.12 | - .02 | 43 | 43 | 0 | SE | 1 | f | 1 | 48 | 43 | - | | |
| Cape Gris Nez | 30.15 | 50 | N | 0 | b | 30.00 | - .08 | 48 | 47 | - 5 | SE | 4 | o | 2 | 57 | 46 | - | | |
| Jersey | 30.07 | 57 | S S E | 3 | c | 29.82 | - .28 | 55 | 52 | + 2 | S S E | 6 | om | 5 | 59 | 52 | - | | |
| Brest | 29.99 | 57 | S | 7 | a | 29.79 | - .28 | 57 | 55 | + 3 | S S W | 8 | a | 7 | 57 | 54 | 0.28 | | |
| Lorient | 30.02 | 57 | S | 5 | o | 29.76 | - .31 | 59 | 56 | + 8 | S | 7 | a | 3 | 59 | 48 | - | | |
| †Rochefort | 30.06 | 59 | S | 1 | b c | 29.84 | - .23 | 52 | 50 | - 3 | SE | 5 | o | 2 | 70 | 48 | - | | |
| Biarritz | 30.05 | 61 | E S E | 3 | b c | 29.86 | - .26 | 61 | 55 | + 11 | S | 4 | c | 1 | 66 | 50 | - | | |
| Corunna | * | * | * | * | * | | | * | * | | | | | * | * | * | | | |
| Brussels | * | * | * | * | * | 30.08 | - .04 | 47 | 45 | + 1 | S S E | 4 | o | * | 57 | 44 | - | | |
| Charleville | 30.23 | 49 | S | 1 | b | 30.12 | - .00 | 50 | 37 | - 2 | SE | 1 | o | * | 60 | 36 | - | | |
| Paris | 30.17 | 51 | NE | 3 | b c | 30.04 | - .09 | 47 | 45 | 0 | E S E | 3 | o | * | * | * | - | | |
| Lyons | | | | | | | | | | | | | | * | | | | | |
| Toulon | 30.02 | 56 | W N W | 7 | b | 30.07 | - .06 | 52 | 48 | + 2 | E N E | 5 | b | 2 | 61 | 50 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.86 | 45 | E | 1 | o | 28.60 | - .31 | 47 | 46 | + 5 | S S E | 2 | a | * | 47 | 41 | 0.11 | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | |
|-------------------|-------|------|------|-------|------|------|--------------------------|-------|------|------|-------|------|------|----------------------------|
| Skudeanses ... | 30.40 | 45 | 38 | SSE | 2 | 0 | Valencia ... | 29.56 | 56 | 56 | ESE | 8 | Amg | 7 |
| Sumburgh Head ... | 30.11 | 51 | 45 | S | 4 | bc | Scilly ... | 29.88 | 66 | 55 | SSE | 6 | 0 | 6 |
| Stornoway ... | 30.01 | 54 | 51 | SE | 5 | bc | Dover .. | 30.12 | 53 | 54 | SW | 3 | c | 1 |
| Aberdeen ... | 30.20 | 51 | 46 | SSE | 6 | e | London ... | 30.14 | 52 | 50 | S | 1 | f g | 8 |
| Shields ... | 30.16 | 51 | 48 | SE | 6 | e | Yarmouth ... | 30.13 | 54 | 51 | E | 3 | b | 3 |
| Ardrossan ... | 30.06 | 52 | 51 | ESE | 3 | 0 | Jersey ... | 30.09 | 57 | 54 | SE | 2 | b | 2 |
| Mullaghmore ... | 29.79 | 51 | 49 | SE | 6 | ng | Rochefort ... | 30.09 | 67 | 63 | S | 1 | bc | 2 |
| Holyhead ... | 30.02 | 54 | 49 | ESE | 4 | e | Ben Nevis (4406 ft) | | | | | | | |
| | | | | | | | Bam. on 18 th | 25.45 | 29 | 29 | ESE | 10 | f | Man Min Rain 40 28 0.06 |

The fall of the barometer in the W. has extended to all but our SE^W stations, and steep gradients for S^W and SE^W winds have been formed over all our W^W coasts. The wind has increased somewhat at Donaghadee and Bally, and gloomy weather prevails at Mullaghmore and Valmora.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, a. 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.

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

DAILY WEATHER REPORT

FOR

FRIDAY, 20TH OCTOBER.

1882

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, 20th OCTOBER 1882

BAROMETER, WIND & SEA

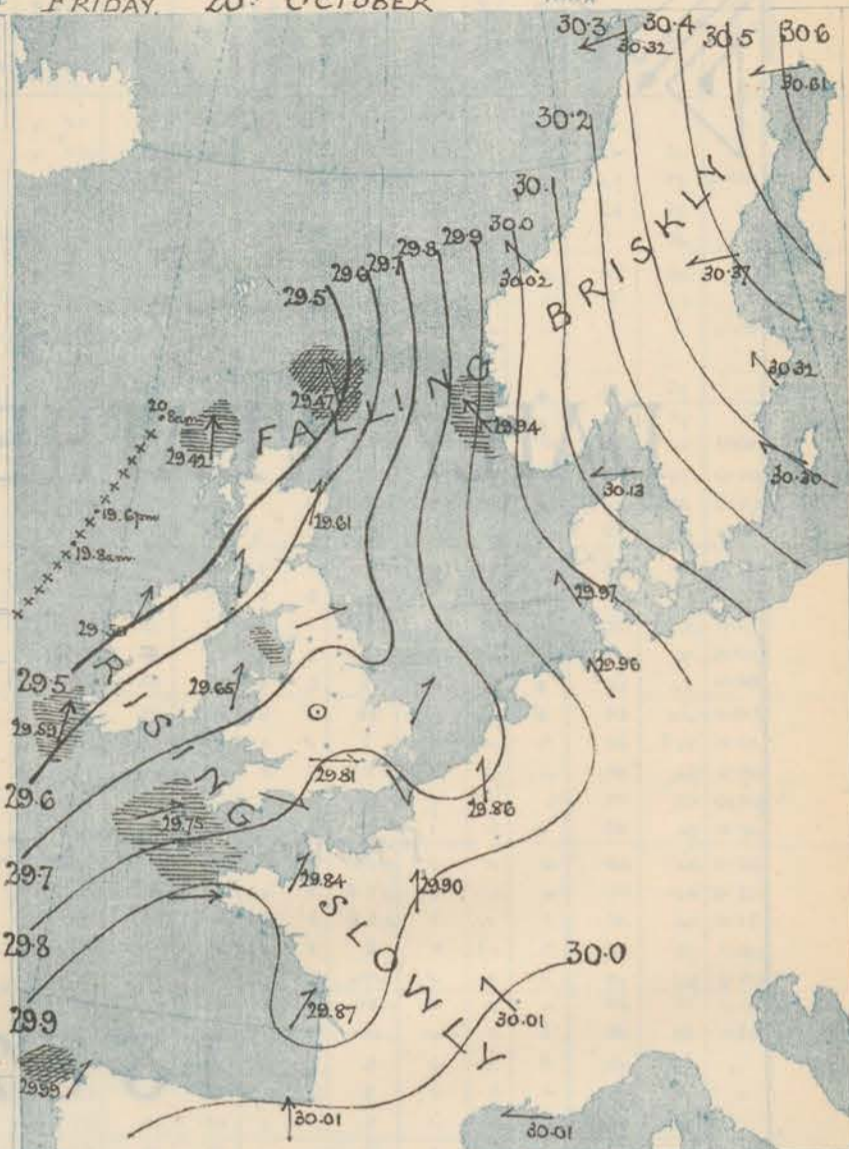
Explanation of Map.

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 for the month of October.

| Stations | Mean Readings in. |
|-------------|-------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greencastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt. | 29.837 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Varmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



TEMPERATURE AND WEATHER

with RAINFALL in PAST 24 HOURS.

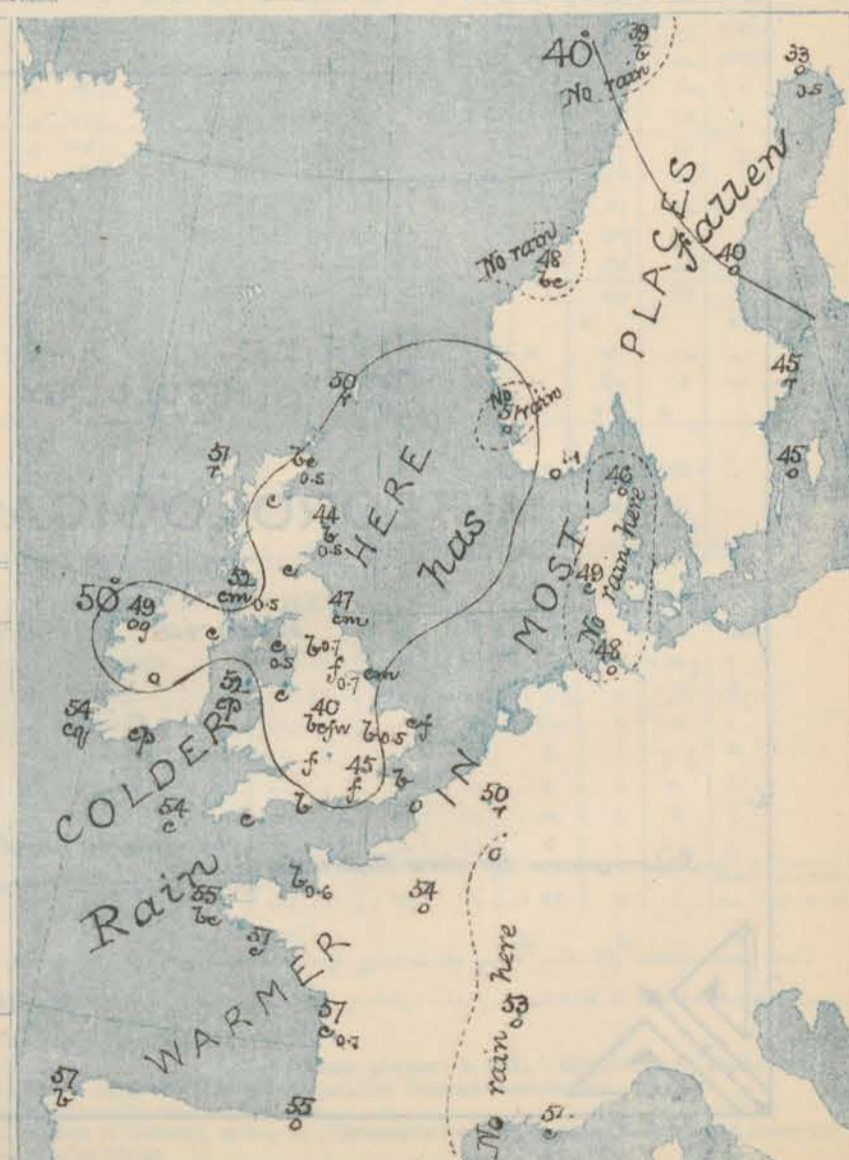
Explanation of Map

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 AND RAINFALL for the month of October.

| Stations | Temp | Rain-fall |
|-------------------|------|-----------|
| | ° | ins |
| Sundburgh Head | 46.4 | 2.64 |
| Stornoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 49.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullingmore | 49.1 | " |
| Holyhead | 51.3 | 6.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | " |
| Dover | 53.0 | 3.26 |
| LONDON | 52.5 | 2.84 |
| Varmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Friday 20th OCTOBER 1882 at 8 a.m.

The depression which lay off our north-west coasts yesterday has travelled slowly in a NNE^{ly} direction, and the barometer has therefore continued to fall steadily at all our more northern stations, while it has risen slightly in the south. In addition to the main disturbance several subsidiary depressions have been formed over various parts of the southern and south-western districts, but the barometer still remains high in the north of Sweden. Strong S^W winds are reported from the N. of Scotland, and SE^{ly} or E^{ly} gales in the south of Norway, but at all the more southern stations the wind is moderate from SW. or W. The weather over England is finer than of late, though foggy in places, but in the west and north-west of the Kingdom cloudy skies and showers still continue. In the course of yesterday rain fell generally. Temperature has fallen, and ranges from 54° at Valencia, Scilly and Pwll Point to 40° at Loughborough. The sea is high at Lumbough Head, rough on all the more exposed parts of our western coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

21st OCTOBER.

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

DISTRICTS

FORECASTS

| | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | S ^W winds, strong; dull and rainy to fair. |
| 1 | SCOTLAND EAST | S ^W and SW ^{ly} winds, moderate or fresh; fair generally but some showers. |
| 2 | ENGLAND N E | -----D-----D-----D----- |
| 3 | ENGLAND EAST | Same as No 5 |
| 4 | MIDLAND COUNTIES | Same as No 5. |
| 5 | ENGLAND SOUTH | Light winds, chiefly SW ^{ly} ; fair on the whole; but still unsettled. |

DISTRICTS

FORECASTS

| | | |
|----------|---------------|---|
| 6 | SCOTLAND WEST | S ^W winds, light; cloudy, misty, some rain. |
| 7 | ENGLAND N. W. | S ^W and SE ^{ly} winds, moderate; changeable, showery. |
| 8 | ENGLAND S W | SW ^{ly} and S ^W winds, moderate or fresh; cloudy. |
| 9 | IRELAND NORTH | SW ^{ly} and S ^W winds, fresh; cloudy, showery. |
| 10 | IRELAND SOUTH | -----D-----D-----D----- |
| WARNINGS | | The S. cone is still flying in district 2. and part of 8. |

METEOROLOGICAL OBSERVATIONS FOR

20th OCT.

1882

| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | | |
| Haparanda | 30.61 | 37 | Z | 0 | Λ | 30.61 | - 0.3 | 33 | 33 | + 10 | E | 2 | 0 | * | 37 | 19 | 0.47 | | | |
| Hernösand | 30.51 | 42 | E | 2 | Λ | 30.37 | - 2.0 | 40 | 40 | + 5 | E | 2 | 0 | * | 43 | 34 | 0.28 | | | |
| Stockholm | 30.36 | 40 | E | 2 | Λ | 30.32 | - 1.5 | 45 | 45 | + 2 | SSE | 2 | Λ | * | 45 | 39 | 0.32 | | | |
| Wisby | 30.33 | 42 | ESE | 2 | Λ | 30.30 | - 0.7 | 45 | 44 | + 4 | ESE | 2 | 0 | * | 45 | 39 | 0.20 | | | |
| Bodö | 30.43 | 40 | E | 4 | B | 30.32 | - 1.3 | 39 | 36 | + 2 | ESE | 6 | C | * | 45 | 36 | - | | | |
| Christiansund | 30.24 | 42 | SE | 3 | B | 30.02 | - 2.8 | 48 | 41 | + 7 | SE | 4 | 60 | 2 | 48 | 36 | - | | | |
| †Skudesnaes | 30.12 | 49 | ESE | 8 | 0 | 29.94 | - 3.2 | 51 | 45 | + 5 | SE | 9 | 0 | 5 | ? | 46 | - | | | |
| Oxö (Xiansund) | 30.21 | 40 | NE | 6 | Λ | 30.06 | - 2.8 | 48 | 46 | + 4 | E | 8 | 0 | 4 | ? | 39 | 1.10 | | | |
| Skagen (The Skaw) | 30.23 | 47 | ESE | 3 | 0 | 30.13 | - 2.3 | 46 | 44 | + 2 | E | 4 | 0 | 3 | ? | 41 | - | | | |
| Fanö | 30.09 | 45 | SSE | 4 | 0 | 29.97 | - 2.5 | 47 | 46 | + 1 | SE | 4 | C | * | 48 | 45 | - | | | |
| Cuxhaven | 30.09 | ? | SE | 4 | 0 | 29.96 | - 2.6 | 48 | 48 | + 1 | SE | 4 | 0 | * | 48 | 43 | - | | | |
| †Sumburgh Head | 29.81 | 50 | SSE | 7 | Λ | 29.47 | - 5.3 | 50 | 50 | + 2 | SSE | 7 | Λ | 7 | 51 | 47 | 0.33 | | | |
| †Stornoway | 29.51 | 52 | ESE | 6 | Λ | 29.42 | - 1.7 | 51 | 50 | - 2 | S | 6 | Λ | 5 | 53 | 48 | 0.33 | | | |
| Wick | 29.65 | 51 | SE | 8 | Λ | 29.43 | - 3.8 | 50 | 48 | 0 | SSW | 2 | 60 | 3 | 53 | 48 | 0.45 | | | |
| Nairn | 29.57 | 52 | SE | 1 | 0 | 29.53 | - 2.1 | 46 | 45 | - 6 | SE | 1 | C | 1 | 54 | 42 | 0.17 | | | |
| †Aberdeen | 29.69 | 50 | SSE | 8 | Λ | 29.61 | - 2.5 | 44 | 43 | - 8 | SSW | 2 | C | 4 | 54 | 42 | 0.49 | | | |
| Leith | 29.63 | 50 | SE | 2 | Λ | 29.61 | - 1.7 | 47 | 46 | - 2 | S | 1 | C | * | 53 | 39 | 0.20 | | | |
| †Shields | 29.71 | 51 | S | 6 | Λ | 29.58 | - 1.9 | 47 | 46 | - 4 | WSW | 2 | cm | 3 | 52 | 43 | 0.28 | | | |
| Spurn Head | 29.76 | 53 | SE | 6 | Λ | 29.70 | - 2.4 | 50 | 50 | - 3 | W | 3 | cm | 3 | 54 | 50 | 0.09 | | | |
| York | 29.73 | 51 | SE | 2 | Λ | 29.71 | - 1.9 | 42 | 42 | - 8 | S | 1 | f | * | 52 | 40 | 0.67 | | | |
| Loughborough | 29.71 | 51 | S | 3 | Λ | 29.75 | - 1.4 | 40 | 40 | - 10 | E | 1 | byr | * | 52 | 38 | 0.44 | | | |
| †Ardrossan | 29.56 | 53 | SSW | 1 | Λ | 29.57 | - 1.2 | 52 | 52 | + 1 | S | 2 | cm | 2 | 53 | 47 | 0.48 | | | |
| †Mullaghmore | 29.50 | 53 | SW | 5 | cm | 29.50 | + 0.1 | 49 | 47 | - 3 | SSW | 5 | og | 4 | 57 | 49 | 0.05 | | | |
| Donaghadee | 29.59 | 49 | S | 2 | 60 | 29.59 | - 0.4 | 49 | 49 | - 4 | S | 2 | C | 0 | 53 | 48 | 0.30 | | | |
| Parsonstown | 29.58 | 54 | S | 1 | C | 29.61 | + 0.3 | 47 | 45 | - 2 | S | 1 | 0 | * | 58 | 45 | - | | | |
| Barrow-in-Furness | 29.62 | 51 | ESE | 6 | Λ | 29.65 | - 1.1 | 48 | 47 | - 3 | SE | 5 | C | 5 | 53 | 47 | 0.45 | | | |
| †Holyhead | 29.63 | 52 | SW | 2 | C | 29.65 | - 0.0 | 52 | 50 | - 2 | SSW | 2 | cf | 2 | 54 | 50 | 0.35 | | | |
| Liverpool (Bidston) | 29.63 | 51 | SE | 2 | C | 29.69 | + 0.5 | 47 | 46 | - 4 | SE | 3 | C | 2 | 52 | 44 | 0.40 | | | |
| †Valencia | 29.57 | 54 | S | 5 | C | 29.59 | + 0.5 | 54 | 52 | 0 | SSW | 5 | cg | 6 | 58 | 51 | 0.11 | | | |
| Roche's Point | 29.60 | 55 | SW | 4 | 60 | 29.64 | + 0.7 | 52 | 51 | + 1 | WSW | 3 | cf | 4 | 62 | 49 | 0.09 | | | |
| Pembroke | 29.68 | 55 | SW | 2 | 60 | 29.75 | + 1.2 | 54 | 52 | - 1 | WSW | 4 | C | 5 | 59 | 52 | 0.02 | | | |
| †Scilly | 29.72 | 53 | WSW | 3 | 0 | 29.78 | + 0.4 | 54 | 53 | 0 | SSW | 4 | C | 5 | 55 | 47 | 0.25 | | | |
| Prawle Point | 29.71 | 55 | SW | 5 | Λ | 29.81 | - 0.3 | 51 | 51 | - 5 | WSW | 2 | C | 4 | 57 | 44 | 0.40 | | | |
| Hurst Castle | 29.81 | 54 | S | 5 | C | 29.80 | - 1.8 | 51 | 51 | - 1 | WSW | 3 | C | 2 | 56 | 51 | 0.10 | | | |
| †Dover | 29.74 | 53 | SSE | 3 | on | 29.81 | - 1.3 | 45 | 45 | - 6 | W | 1 | f | * | 56 | 45 | 0.42 | | | |
| London | 29.70 | 52 | SE | 4 | Λ | 29.80 | - 0.7 | 45 | 45 | - 7 | S | 1 | f | * | 54 | 45 | 0.17 | | | |
| Oxford | 29.77 | 50 | S | 1 | 0 | 29.78 | - 1.7 | 45 | 45 | - 5 | W | 1 | C | * | 54 | 43 | 0.50 | | | |
| Cambridge | 29.83 | 54 | SSE | 6 | cg | 29.75 | - 2.4 | 52 | 51 | - 2 | SW | 2 | cf | 3 | 55 | 50 | 0.13 | | | |
| Yarmouth | 29.83 | 54 | SSE | 6 | cg | 29.75 | - 2.4 | 52 | 51 | - 2 | SW | 2 | cf | 3 | 55 | 50 | 0.13 | | | |
| The Heider | 29.83 | 52 | S | 5 | 0 | 29.82 | - 1.8 | 55 | 54 | + 7 | SSW | 5 | 0 | 4 | ? | 48 | 0.08 | | | |
| Cape Gris Nez | 29.74 | 53 | W | 3 | 0 | 29.84 | + 0.2 | 55 | 54 | 0 | SW | 3 | C | 3 | 55 | 51 | 0.64 | | | |
| †Jersey | 29.74 | 55 | WSW | 3 | C | 29.91 | + 1.2 | 55 | 53 | - 2 | W | 5 | 60 | 5 | 59 | 54 | 0.12 | | | |
| Brest | 29.79 | 57 | W | 4 | 0 | 29.81 | + 0.5 | 57 | 53 | - 2 | W | 4 | C | 5 | 59 | 52 | 0.51 | | | |
| Lorient | 29.73 | 59 | SSW | 5 | Λ | 29.87 | + 0.3 | 57 | 55 | + 5 | SW | 4 | C | 2 | 61 | 46 | 0.67 | | | |
| †Rochefort | 29.78 | 66 | SSW | 4 | 0 | 30.01 | + 1.5 | 58 | 52 | - 6 | S | 5 | 0 | 4 | 77 | 50 | 0.35 | | | |
| Biarritz | 29.99 | * | * | * | * | 29.99 | - | 51 | 55 | - | SW | 4 | C | 7 | 66 | 52 | - | | | |
| Corunna | 29.86 | * | * | * | * | 29.86 | - 2.2 | 50 | 49 | + 3 | S | 3 | Λ | * | 56 | ? | 0.04 | | | |
| Brussels | 29.94 | 48 | SE | 1 | 0 | 29.88 | - 2.4 | 48 | 45 | + 9 | E | 1 | 0 | * | 56 | 39 | - | | | |
| Charleville | 29.82 | 53 | SE | 3 | 0 | 29.90 | - 1.4 | 54 | 53 | + 7 | S | 4 | 0 | * | * | * | 0.28 | | | |
| Paris | 30.01 | 56 | S | 3 | 0 | 30.01 | - 1.2 | 53 | 48 | + 11 | SE | 1 | 0 | * | 59 | ? | - | | | |
| Lyons | 30.11 | 56 | SE | 1 | C | 30.01 | - 0.6 | 54 | 50 | + 2 | E | 4 | C | 2 | 61 | 50 | - | | | |
| Toulon | 30.11 | 56 | SE | 1 | C | 30.01 | - 0.6 | 54 | 50 | + 2 | E | 4 | C | 2 | 61 | 50 | - | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.45 | 48 | SSE | 2 | Λ | 28.46 | - 1.4 | 46 | 45 | - 1 | S | 2 | C | * | 48 | 43 | 0.74 | | | |

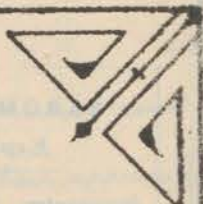

YESTERDAY'S 2 P.M. REPORTS AND REMARKS.

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. |
|-----------------------|------|------|------|-------|------|------|---------------------|-------|------|------|-------|------|------|
| Skudesnaes ... | | | | | | | Valencia ... | 29.55 | 57 | 54 | S | 5 | 6 cm |
| Sumburgh Head 29.88 | 51 | 48 | SSE | 7 | 0 | 7 | Scilly ... | 29.66 | 59 | 56 | WSW | 2 | 60 |
| Stornoway ... 29.56 | 53 | 52 | SE | 6 | d | 5 | Dover .. | 29.88 | 53 | 52 | S | 5 | 60 g |
| Aberdeen ... 29.76 | 53 | 51 | SSE | 8 | opg | 6 | London ... | 29.80 | 56 | 53 | SE | 4 | 0 m |
| Shields ... 29.76 | 52 | 50 | S | 4 | A | 4 | Yarmouth ... | 29.91 | 54 | 52 | SSE | 5 | cg |
| Ardrossan ... 29.58 | 53 | 53 | SSE | 4 | A | 3 | Jersey ... | 29.73 | 55 | 54 | SSE | 5 | A |
| Mullaghmore ... 29.50 | 55 | 50 | SW | 5 | c | 3 | Rochefort ... | 29.78 | 59 | 56 | SE | 5 | 0 |
| Holyhead ... 29.61 | 53 | 52 | SW | 3 | d | 2 | | | | | | | |
| | | | | | | | Den Nevis (406 ft.) | 25.14 | 35 | 35 | SSE | 7 | nf |
| | | | | | | | 9 a.m. (S.W.) | | | | | | |
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The barometer is rising a little at Scilly and remains steady at Valencia, but continues to fall at all other stations. S^W or SE^W breezes are still blowing on most of our coasts, but at Holyhead and Scilly the wind is SW^W. The weather is fine in the SW, cloudy elsewhere, with rain in the NE.

EXPLANATION OF COLUMNS.

WEATHER.—Beaufort Scale is, b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (hazy); o. overcast; p. passing showers; q. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.
 * AN ASTERISK is inserted in all places for which information is not usually received.
 † The evening observations are taken at 8 p.m. in our Islands (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, 21st OCTOBER.

1882


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 T. B. Longfield, 116, Victoria St. London S. W.

WEATHER CHARTS

for 8 a.m. on SATURDAY, 21st OCTOBER, 1882

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.

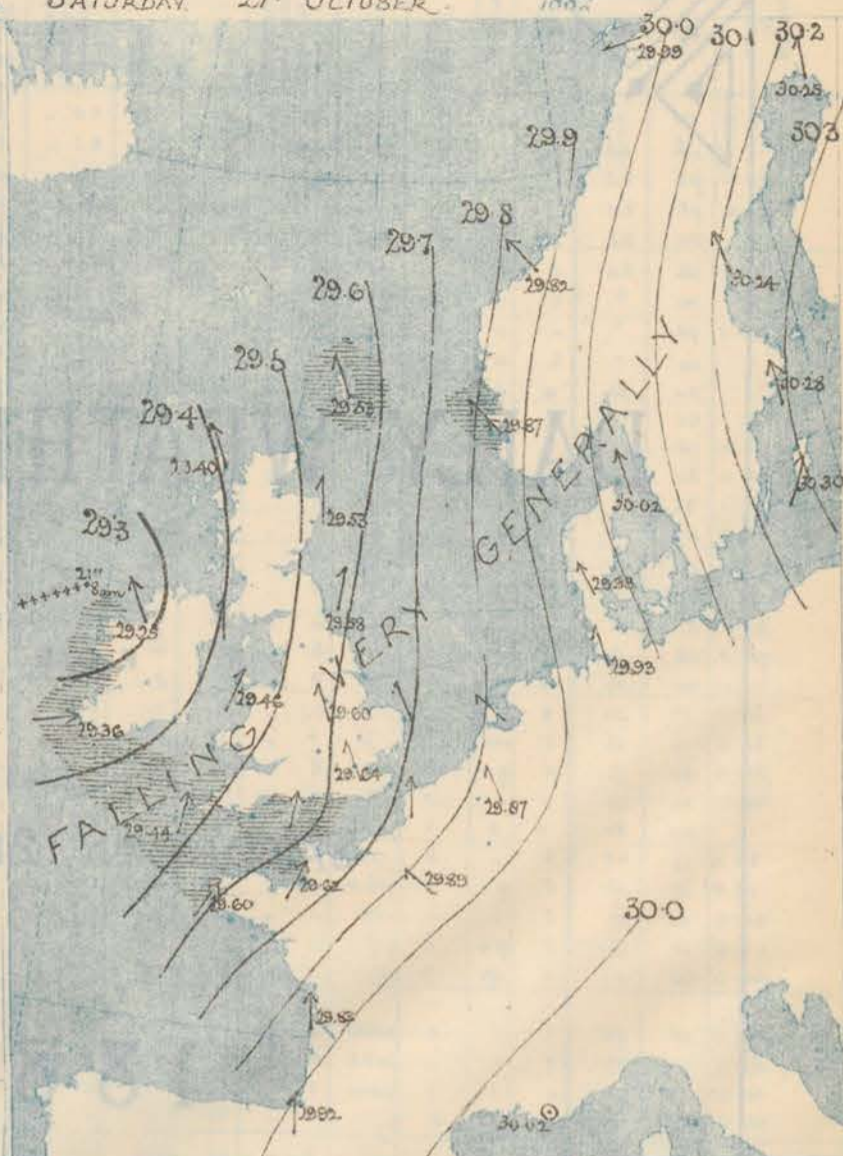
Sea Disturbance, where considerable is shown by shading round the coast, thus: Rough High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations | Mean Readings Ins. |
|--------------|-----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenacastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for Saturday 21st OCT^r 1882 at 8 a.m.

In the course of the past night a new depression has advanced to the west coast of Ireland, while some small and very shallow subsidiary disturbances have appeared over England and the Channel. The barometer has consequently fallen generally, and the area of high pressure which has existed for so many days over Sweden is apparently moving away. Over Scandinavia and Denmark the wind is still SE^y and in the W. of Norway it blows with the force of a gale; but in our Islands and France S^y breezes are general, inclining to SW. in the SW., and to SE. in the E. At some of the Channel stations there is a strong breeze. The weather is fair in Scotland, cloudy or overcast elsewhere with showers in Ireland, and continuous rain over the south of England and north-west of France. Temperature has changed irregularly, and ranges from 56° at Hurst Castle to 40° at St. Ives. The maxima registered yesterday were a little higher than of late, and in London the thermometer reached 62°.

The sea is rather rough in the Channel, and on some exposed parts of our western coast, slight or smooth elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

22nd OCTOBER.

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

| DISTRICTS | FORECASTS | DISTRICTS | FORECASTS |
|--------------------|--|------------------|--|
| 1 SCOTLAND NORTH | S ^y winds, moderate and fresh, fair to cloudy to rainy. | 6 SCOTLAND WEST | S ^y winds, moderate; unsettled rain at times. |
| 2 SCOTLAND EAST | -----D°-----D°-----D°----- | 7 ENGLAND N.W. | SE ^y and S ^y winds, moderate or fresh; dull and rainy to cloudy and showery. |
| 3 ENGLAND N.E. | S ^y winds, moderate; dull, rainy. | 8 ENGLAND S.W. | SW ^y winds, moderate or fresh; cloudy, rain at times. |
| 4 ENGLAND EAST | Same as No 5. | 9 IRELAND NORTH | Wind varying between SW. and S. fresh; cloudy, showery. |
| 5 MIDLAND COUNTIES | Same as No 5. | 10 IRELAND SOUTH | -----D°-----D°-----D°----- |
| 10 ENGLAND SOUTH | S ^y winds, moderate or fresh; cloudy and unsettled, with rain at times. | WARNINGS | NONE ISSUED. |

METEOROLOGICAL OBSERVATIONS FOR

21ST OCT. 1882.

| 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 | 30.46 | 46 | 2 | 0 | c | 30.35 | - 26 | 42 | 42 | + 0 | S | 2 | c | 1 | ? | ? | - | | | |
| Hernösand | 30.37 | 42 | 2 | 0 | h | 30.24 | - 13 | 46 | 43 | + 6 | SSW | 6 | o | 1 | 46 | 37 | 0.08 | | | |
| Stockholm | 30.31 | 46 | S | 4 | c | 30.28 | - 04 | 45 | 41 | 0 | S | 6 | o | 1 | 48 | 39 | - | | | |
| Wisby | 30.31 | 42 | SSW | 4 | c | 30.30 | 00 | 44 | 41 | - 1 | SSW | 4 | o | 1 | 50 | 41 | - | | | |
| Bodö | 30.18 | 40 | E | 2 | b | 29.99 | - 33 | 44 | 41 | + 5 | ENE | 4 | o | 1 | ? | 36 | - | | | |
| Christiansund | 29.91 | 51 | SE | 7 | o | 29.82 | - 20 | 53 | 46 | + 5 | SE | 7 | c | 2 | 54 | 45 | - | | | |
| †Skudesnaes | 29.88 | 50 | SE | 8 | o | 29.87 | - 07 | 53 | 50 | + 2 | SE | 8 | o | 6 | ? | 50 | 0.12 | | | |
| Öxö (Xiänsund) | 29.95 | 50 | SE | 6 | h | 29.93 | - 13 | 49 | 49 | + 1 | SE | 6 | f | 4 | 30 | 48 | 0.35 | | | |
| Skagen (The Skaw) | 30.04 | 47 | SE | 5 | o | 30.02 | - 11 | 48 | 47 | + 2 | SSW | 5 | h | 3 | 50 | 43 | 0.08 | | | |
| Fanö | 29.93 | 49 | SSW | 4 | o | 29.93 | - 04 | 49 | 48 | + 2 | SSW | 4 | m | 1 | 50 | 46 | - | | | |
| Cuxhaven | 29.86 | ? | S | 1 | o | 29.93 | - 03 | 52 | 52 | + 4 | SSW | 1 | f | 1 | 52 | 45 | - | | | |
| †Sumburgh Head | 29.58 | 51 | SSW | 4 | o | 29.53 | + 06 | 51 | 50 | + 1 | SSW | 4 | o | 5 | 54 | 48 | 0.03 | | | |
| †Stornoway | 29.46 | 49 | S | 4 | c | 29.40 | - 02 | 50 | 47 | - 1 | SSW | 5 | c | 4 | 51 | 48 | 0.17 | | | |
| Wick | 29.51 | 52 | SSW | 5 | c | 29.50 | + 07 | 49 | 46 | - 1 | SSW | 1 | c | 2 | 56 | 41 | - | | | |
| Nairn | 29.52 | 49 | SSW | 2 | b | 29.48 | - 05 | 40 | 39 | - 6 | S | 0 | h | 1 | 56 | 39 | - | | | |
| †Aberdeen | 29.59 | 51 | S | 2 | b | 29.53 | - 08 | 51 | 49 | + 7 | S | 4 | c | 3 | 56 | 43 | 0.01 | | | |
| Leith | 29.60 | 50 | S | 1 | b | 29.51 | - 10 | 49 | 47 | + 2 | S | 2 | b | 1 | 59 | 44 | 0.04 | | | |
| †Shields | 29.67 | 53 | SW | 1 | c | 29.58 | - 10 | 49 | 47 | + 2 | SSW | 3 | o | 2 | 57 | 44 | - | | | |
| Spurn Head | 29.74 | 53 | S | 3 | o | 29.64 | - 06 | 51 | 51 | + 1 | SSW | 4 | c | 2 | 58 | 49 | - | | | |
| York | 29.72 | 52 | S | 1 | c | 29.61 | - 10 | 48 | 47 | + 6 | S | 3 | o | 1 | 58 | 42 | 0.01 | | | |
| Loughborough | 29.75 | 52 | SW | 1 | b | 29.60 | - 15 | 50 | 50 | + 10 | SSW | 2 | org | 1 | 59 | 40 | - | | | |
| †Ardrossan | 29.57 | 53 | S | 3 | h | 29.46 | - 11 | 46 | 46 | - 6 | ENE | 2 | cfr | 2 | 54 | 42 | 0.76 | | | |
| †Mullaghmore | 29.51 | 48 | SSW | 2 | b | 29.25 | - 25 | 50 | 48 | + 1 | SSW | 6 | org | 5 | 54 | 46 | 0.15 | | | |
| Donaghadee | 29.58 | 50 | SW | 3 | b | 29.42 | - 17 | 51 | 50 | + 2 | S | 2 | c | 0 | 56 | 38 | - | | | |
| Portsmouth | 29.60 | 46 | S | 1 | b | 29.34 | - 27 | 49 | 47 | + 2 | S | 2 | c | 1 | 55 | 41 | 0.10 | | | |
| Barrow-in-Furness | 29.65 | 52 | SE | 3 | c | 29.50 | - 15 | 50 | 49 | + 2 | SE | 6 | c | 4 | 55 | 48 | 0.21 | | | |
| †Holyhead | 29.65 | 51 | SSW | 3 | h | 29.46 | - 19 | 52 | 51 | 0 | SSW | 2 | d | 1 | 57 | 50 | 0.31 | | | |
| Liverpool (Bidston) | 29.71 | 50 | S | 2 | o | 29.51 | - 18 | 49 | 48 | + 2 | SSW | 3 | o | 2 | 57 | 46 | 0.07 | | | |
| †Valencia | 29.61 | 52 | SW | 4 | b | 29.36 | - 23 | 52 | 53 | - 2 | WSW | 5 | c | 5 | 57 | 48 | 0.34 | | | |
| Roche's Point | 29.62 | 52 | WSW | 3 | c | 29.37 | - 27 | 55 | 53 | + 3 | SSW | 5 | o | 4 | 58 | 45 | 0.08 | | | |
| Pembroke | 29.67 | 55 | SSW | 4 | o | 29.46 | - 17 | 53 | 53 | - 1 | S | 3 | h | 3 | 56 | 52 | 0.39 | | | |
| †Scilly | 29.74 | 55 | SW | 5 | o | 29.44 | - 31 | 55 | 55 | + 1 | SSW | 6 | o | 6 | 57 | 53 | 0.16 | | | |
| Prawle Point | 29.82 | 54 | SW | 4 | c | 29.54 | - 24 | 54 | 54 | 0 | SW | 4 | h | 5 | 57 | 50 | 0.15 | | | |
| Hurst Castle | 29.85 | 55 | W | 4 | c | 29.59 | - 22 | 56 | 55 | + 5 | SSW | 6 | h | 5 | 59 | 51 | 0.45 | | | |
| †Dover | 29.88 | 55 | WSW | 3 | b | 29.72 | - 08 | 54 | 54 | + 3 | SSW | 5 | c | 4 | 57 | 51 | 0.06 | | | |
| †London | 29.85 | 54 | SW | 3 | c | 29.64 | - 17 | 52 | 51 | + 7 | SSW | 3 | h | 1 | 62 | 45 | 0.07 | | | |
| Oxford | 29.81 | 50 | S | 2 | b | 29.56 | - 24 | 52 | 51 | + 7 | SE | 1 | h | 1 | 59 | 44 | 0.25 | | | |
| Cambridge | 29.82 | 52 | SSW | 1 | c | 29.63 | - 15 | 52 | 51 | + 7 | SE | 1 | h | 1 | 60 | 43 | 0.01 | | | |
| †Yarmouth | 29.84 | 54 | SSW | 2 | b | 29.70 | - 05 | 54 | 53 | + 2 | SSW | 4 | c | 4 | 58 | 50 | 0.20 | | | |
| The Helder | 29.90 | 45 | S | 1 | b | 29.85 | + 05 | 45 | 44 | - 2 | SE | 1 | f | 1 | 54 | 41 | - | | | |
| Cape Gris Nez | 29.91 | 56 | W | 5 | b | 29.77 | - 05 | 50 | 49 | - 5 | S | 5 | c | 3 | 61 | 48 | - | | | |
| †Jersey | 29.89 | 56 | WSW | 3 | omp | 29.62 | - 22 | 56 | 56 | + 1 | SW | 6 | om | 5 | 59 | 52 | 0.30 | | | |
| Brest | 29.88 | 57 | WSW | 5 | o | 29.60 | - 31 | 55 | 55 | 0 | SW | 7 | h | 5 | 59 | 55 | 0.71 | | | |
| Lorient | 29.91 | 58 | W | 5 | o | 29.63 | - 18 | 56 | ? | - 1 | SW | 5 | h | 4 | 59 | 46 | 0.39 | | | |
| †Rochefort | 29.95 | 59 | W | 5 | b | 29.83 | - 04 | 57 | 56 | 0 | S | 7 | c | 0 | 66 | 52 | - | | | |
| Biarritz | 30.11 | 62 | W | 4 | b | 29.92 | - 09 | 57 | 52 | + 2 | S | 4 | o | 3 | 66 | 48 | - | | | |
| Corunna | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | | | |
| Brussels | ? | ? | ? | ? | ? | 29.37 | + 01 | 50 | 48 | 0 | SSW | 2 | b | 1 | 56 | 46 | - | | | |
| Charleville | 29.70 | 49 | S | 1 | o | 29.93 | + 05 | 48 | 46 | 0 | SSW | 1 | o | 1 | 58 | 45 | 0.95 | | | |
| Paris | ? | 55 | SSW | 4 | b | 29.89 | - 01 | 49 | 48 | - 5 | SE | 1 | m | 1 | ? | ? | - | | | |
| Lyons | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | | | |
| Toulon | 30.03 | 50 | E | 5 | o | 30.02 | + 01 | 54 | 49 | 0 | W | 1 | b | 2 | 54 | 50 | 0.16 | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.47 | 46 | S | 1 | b | 28.34 | - 12 | 46 | 45 | 0 | S | 2 | o | 1 | 51 | 44 | 0.12 | | | |

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

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|----|----|---|---|---|---|----|----|------|--|--|--|
| Hawes Junction | 28.47 | 46 | S | 1 | b | 28.34 | 46 | 45 | 0 | S | 2 | o | 51 | 44 | 0.12 | | | |
|----------------|-------|----|---|---|---|-------|----|----|---|---|---|---|----|----|------|--|--|--|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | |
|-----------------|-------|------|------|-------|------|-------|---|---------------------|-------|------|-------|------|------|-------|---|
| Skudesnaes ... | 29.90 | 51 | 45 | SE | 8 | A | 5 | Valencia ... | 29.51 | 57 | 53 | SW | 4 | b c p | 5 |
| Sumburgh Head | 29.56 | 52 | 51 | SSW | 4 | c | 6 | Scilly ... | 29.76 | 57 | 55 | SW | 5 | o | 6 |
| Stornoway ... | 29.44 | 51 | 50 | S | 5 | a p | 4 | Dover .. | 29.85 | 56 | 54 | W | 3 | b | 2 |
| Aberdeen ... | 29.60 | 54 | 52 | S | 4 | b | 4 | London ... | 29.82 | 59 | 55 | SSW | 2 | c | 3 |
| Shields ... | 29.65 | 56 | 52 | SW | 2 | c | 3 | Yarmouth ... | 29.81 | 58 | 53 | WSW | 2 | b | 2 |
| Ardrossan ... | 29.36 | 54 | 53 | S | 3 | c | 2 | Jersey ... | 29.87 | 57 | 55 | WSW | 3 | c | 3 |
| Mullaghmore ... | 29.50 | 49 | 47 | SW | 3 | a p g | 4 | Rochefort ... | 29.93 | 61 | 59 | WSW | 4 | b c | 2 |
| Holyhead ... | 29.66 | 55 | 52 | SSW | 4 | c | 3 | | | | | | | | |
| | | | | | | | | Ben Nevis (4406 Ft) | 28.05 | 34 | 34 | S | 5 | o | |
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Ben Nevis (4406 ft.) 25.05 34 34 S 5 o Max. Min. Rain 56 33 0.11

Pressure is changing very irregularly. In the N. of Scotland and S. of England the barometer is rising, but on our H.L. coasts it is falling slightly, and at Valencia it is falling briskly. The winds are very little changed, and changeable, showing weather is reported generally.

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in our Islands (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 22nd OCTOBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

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S. W.

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

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a m on Sunday 22nd October 1882

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 wind. 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

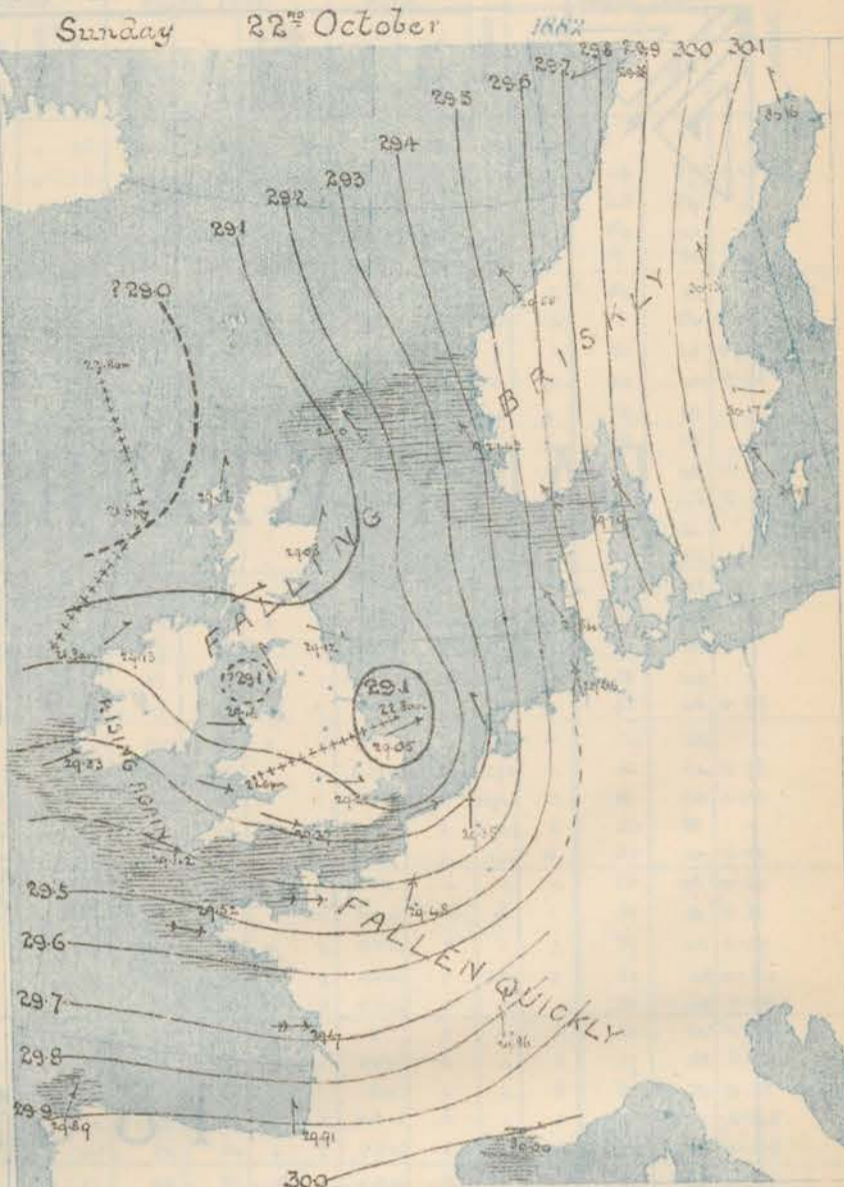
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough High

MEAN HEIGHT of the BAROMETER

for the month of October.

| Stations | Mean Readings |
|-------------|---------------|
| Barn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenock | 29.784 |
| Holyhead | 29.850 |
| Valencia | 29.862 |
| Roches Pt | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.893 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

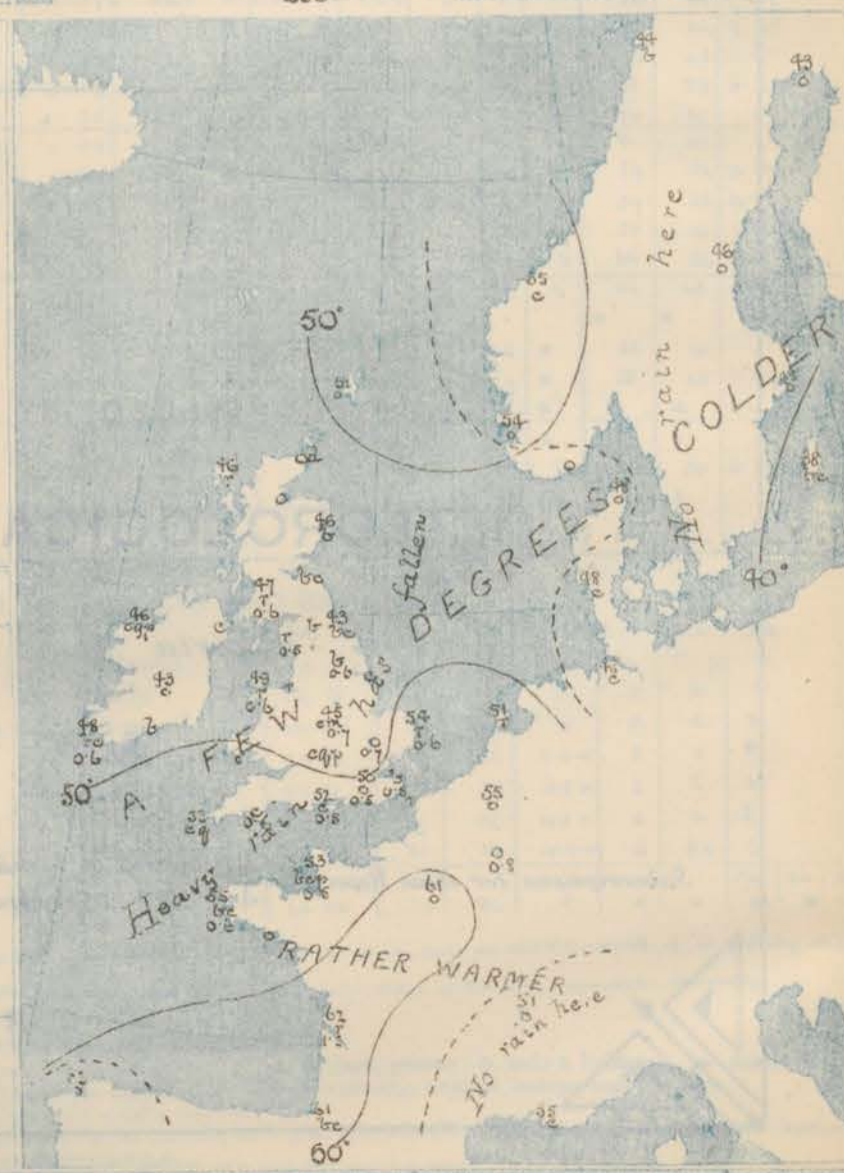
Falls of 0.5 in. or more, are quoted in figures.

MEANS OF TEMPERATURE AND RAINFALL

for the month of October

| Stations | Temp | Rain-fall |
|-------------------|------|-----------|
| Sumburgh Head | 46.4 | 2.64 |
| Sarnesay | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 48.3 | 2.61 |
| York | 49.9 | 2.65 |
| Mullaghmore | 49.1 | " |
| Holyhead | 51.3 | 5.44 |
| Paranstown | 50.2 | 5.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 54.6 | 4.91 |
| Ilfracombe | 53.3 | " |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 22nd OCTOBER. 1882. at 8 a.m.

The depression which lay off our south-west coast yesterday has apparently travelled away in a N.W. direction. Several subsidiary disturbances have appeared over our Islands, and the barometer is therefore still falling generally. The winds are strong to a gale from SE. in Norway, but in the E. of Scotland light variable airs are reported, while in other districts the wind is generally W. in the Channel and west of France it blows with the force of a gale. The weather is fine in the S. of Ireland, as well as on our NE. coasts, but cloudy or overcast elsewhere, with rain in the NW. and showers in the S. In the course of yesterday heavy rain fell at many of our stations. Temperature has fallen over our Islands, and readings range from 56° at Dover to 42° at Nain. Sea is rough at Limerick 11th and on all parts of our SW. and S. coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

- 0 SCOTLAND NORTH
- 1 SCOTLAND EAST
- 2 ENGLAND N.E.
- 3 ENGLAND EAST
- 4 MIDLAND COUNTIES
- 5 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 22ND OCTOBER. 1882

| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 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. | Inference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.22 | 44 | S | 2 | 0 | 30.16 | 19 | 43 | 43 | + | 1 | S | 4 | 0 | 43 | 37 | - | | |
| Hernösand | 30.21 | 46 | S | 6 | 0 | 30.13 | 11 | 46 | 42 | + | 0 | S | 6 | 0 | 48 | 40 | - | | |
| Stockholm | 30.25 | 44 | S | 4 | 0 | 30.17 | 11 | 43 | 41 | 0 | ESE | 2 | 0 | 48 | 43 | - | | | |
| Wisby | 30.29 | 40 | SSE | 4 | b | 30.17 | 13 | 38 | 37 | - | 16 | SSE | 2 | b | 48 | ? | - | | |
| Bodö | 29.94 | 46 | SE | 2 | 0 | 29.76 | 13 | 44 | 41 | 0 | ENE | 2 | b | 1 | 48 | 39 | - | | |
| Christiansund | 29.98 | 52 | SE | 5 | b | 29.55 | 27 | 51 | 45 | + | 2 | SE | 8 | 0 | 55 | 48 | - | | |
| Skudesnäs | 29.72 | 54 | SE | 8 | 0 | 29.43 | 44 | 54 | 51 | + | 1 | SE | 8 | 0 | 55 | 3 | - | | |
| Oxö (Xanana) | 29.83 | 49 | SE | 3 | r | 29.64 | 26 | 49 | 48 | 0 | SE | 8 | 0 | 5 | 58 | 45 | 0.24 | | |
| Skagen (The Skaw) | 29.95 | 48 | S | 6 | 0 | 29.79 | 23 | 48 | 46 | 0 | SE | 7 | 0 | 6 | 48 | 46 | 0.12 | | |
| Faro | 29.81 | 49 | SSE | 6 | b | 29.54 | 27 | 48 | 46 | - | 1 | SE | 6 | 0 | 50 | 46 | - | | |
| Cuxhaven | 29.72 | 52 | ESE | 3 | b | 29.66 | 27 | 48 | 48 | - | 4 | ESE | 5 | 0 | 52 | 45 | - | | |
| †Sumburgh Head | 29.44 | 51 | SSE | 5 | 0 | 29.10 | 43 | 51 | 50 | 0 | SE | 4 | 0 | 0 | 53 | 42 | 0.31 | | |
| †Stornoway | 29.16 | 52 | SE | 6 | r | 29.06 | 34 | 46 | 45 | - | 4 | SSW | 4 | r | 4 | 53 | 40 | 0.09 | |
| Wick | 29.29 | 52 | SSE | 6 | 0 | 29.04 | 46 | 48 | 47 | - | 6 | WNW | 1 | od | 4 | 53 | 42 | 0.18 | |
| Nairn | 29.24 | 51 | SW | 1 | 0 | 29.07 | 44 | 42 | 41 | + | 2 | Z | 0 | 2 | 53 | 40 | 0.05 | | |
| †Aberdeen | 29.32 | 52 | S | 6 | r | 29.08 | 45 | 46 | 45 | - | 5 | SSW | 1 | b | 4 | 54 | 45 | 0.20 | |
| Leith | 29.26 | 51 | S | 1 | 0 | 29.09 | 42 | 44 | 43 | - | 5 | Z | 0 | 3 | 53 | 41 | 0.02 | | |
| †Shields | 29.32 | 51 | SW | 1 | 0 | 29.12 | 46 | 43 | 42 | - | 6 | WNW | 3 | b | 2 | 52 | 41 | 0.24 | |
| Spurn Head | 29.40 | 54 | SSW | 4 | c | 29.10 | 34 | 48 | 48 | - | 3 | WNW | 3 | c | 2 | 54 | 48 | 0.37 | |
| York | 29.36 | 51 | S | 1 | b | 29.13 | 46 | 44 | 43 | - | 4 | W | 1 | b | 5 | 53 | 43 | 0.64 | |
| Loughborough | 29.41 | 51 | SW | 1 | b | 29.19 | 41 | 45 | 45 | - | 5 | Z | 0 | c | 4 | 58 | 45 | 0.67 | |
| †Ardrossan | 29.24 | 50 | SSW | 3 | c | 29.11 | 35 | 47 | 47 | + | 1 | WSW | 2 | r | 1 | 52 | 44 | 0.57 | |
| †Mullaghmore | 29.24 | 49 | SW | 5 | 0 | 29.13 | 32 | 46 | 44 | - | 4 | SW | 4 | og | 4 | 55 | 43 | 0.07 | |
| Donaghadee | 29.28 | 45 | WSW | 2 | c | 29.13 | 24 | 45 | 45 | - | 6 | WSW | 2 | c | 0 | 54 | 43 | 0.10 | |
| Parsonstown | 29.32 | 48 | Z | 0 | 0 | 29.24 | 10 | 43 | 41 | - | 6 | SW | 1 | c | 5 | 58 | 42 | 0.29 | |
| Barrow-in-Furness | 29.30 | 52 | SE | 5 | r | 29.14 | 36 | 47 | 46 | - | 3 | SE | 3 | r | 3 | 53 | 45 | 0.22 | |
| †Holyhead | 29.30 | 51 | W | 1 | c | 29.16 | 30 | 49 | 47 | - | 3 | W | 4 | r | 3 | 57 | 46 | 0.12 | |
| Liverpool (Biston) | 29.32 | 53 | SSE | 2 | 0 | 29.16 | 35 | 47 | 47 | - | 2 | SW | 2 | r | 2 | 55 | 47 | 0.10 | |
| †Valencia | 29.32 | 50 | SSW | 3 | r | 29.23 | 23 | 45 | 47 | - | 4 | WSW | 4 | b | 6 | 56 | 45 | 0.57 | |
| Roche's Point | 29.26 | 55 | WSW | 4 | c | 29.32 | 25 | 46 | 46 | - | 4 | W | 4 | b | 4 | 58 | 45 | 0.40 | |
| Pembroke | 29.26 | 54 | W | 4 | 0 | 29.23 | 23 | 51 | 47 | - | 2 | WNW | 6 | c | 4 | 56 | 49 | 0.26 | |
| †Scilly | 29.43 | 55 | WNW | 4 | c | 29.42 | 22 | 53 | 50 | - | 2 | WNW | 7 | c | 6 | 58 | 48 | 0.20 | |
| Prawle Point | 29.45 | 55 | SW | 3 | c | 29.35 | 19 | 47 | 48 | - | 5 | W | 7 | c | 6 | 57 | 48 | 0.63 | |
| Hurst Castle | 29.43 | 57 | WSW | 2 | 0 | 29.37 | 32 | 52 | 51 | - | 4 | WNW | 7 | c | 5 | 58 | 51 | 0.51 | |
| †Dover | 29.52 | 55 | SSW | 7 | 0 | 29.30 | 32 | 52 | 50 | + | 2 | WSW | 6 | b | 5 | 59 | 50 | 0.24 | |
| †London | 29.44 | 52 | SSW | 3 | 0 | 29.22 | 22 | 50 | 50 | - | 2 | W | 3 | 0 | 5 | 57 | 50 | 0.48 | |
| Oxford | 29.40 | 54 | SE | 7 | r | 29.22 | 32 | 49 | 48 | - | 3 | SW | 1 | c | 6 | 60 | 49 | 0.43 | |
| Cambridge | 29.43 | 56 | SW | 2 | r | 29.16 | 29 | 44 | 48 | - | 3 | WNW | 1 | 0 | 0 | 59 | 47 | 0.67 | |
| †Yarmouth | 29.52 | 54 | S | 6 | r | 29.05 | 65 | 54 | 52 | 0 | WSW | 5 | r | 4 | 56 | 51 | 0.62 | | |
| The Helder | 29.41 | 51 | SSE | 3 | r | 29.20 | 25 | 51 | 50 | + | 6 | SSE | 3 | r | 2 | 54 | 45 | 0.16 | |
| Cape Gris Nez | 29.55 | 53 | S | 8 | r | 29.24 | 23 | 54 | 55 | + | 9 | WNW | 8 | r | 5 | ? | 50 | 0.28 | |
| †Jersey | 29.51 | 57 | W | 5 | 0 | 29.44 | 24 | 53 | 51 | - | 3 | W | 7 | b | 6 | 59 | 51 | 0.29 | |
| Brest | ? | 57 | WSW | 5 | 0 | 29.32 | 28 | 55 | 51 | 0 | WNW | 8 | b | 4 | 57 | 44 | 0.59 | | |
| Lorient | 29.53 | 59 | W | 7 | 0 | 29.37 | 12 | 58 | 58 | + | 2 | WNW | 8 | 0 | 6 | 59 | 55 | 0.38 | |
| †Rochefort | 29.70 | 59 | WNW | 2 | r | 29.67 | 16 | 62 | 61 | + | 5 | W | 12 | r | 4 | ? | 48 | 1.26 | |
| Biarritz | 29.91 | 61 | S | 4 | 0 | 29.91 | 21 | 61 | 65 | + | 4 | S | 4 | b | 4 | 64 | 54 | 0.22 | |
| Corsica | ? | ? | ? | ? | ? | 29.90 | 22 | 63 | 62 | + | 3 | SSW | 7 | 0 | 5 | 68 | 59 | - | |
| Brussels | ? | ? | ? | ? | ? | 29.35 | 32 | 55 | 54 | + | 5 | S | 5 | 0 | ? | 56 | ? | 0.12 | |
| Charleville | 29.79 | 53 | SE | 4 | 0 | 29.53 | 40 | 53 | 51 | + | 5 | SE | 4 | 0 | ? | 59 | 47 | 0.75 | |
| Paris | 29.71 | 53 | SSW | 5 | 0 | 29.48 | 44 | 61 | 59 | + | 2 | SSW | 7 | 0 | ? | ? | ? | 0.12 | |
| Lyons | 29.93 | 55 | SSW | 3 | 0 | 29.84 | ? | 51 | 50 | ? | 5 | S | 5 | 0 | ? | 57 | 50 | - | |
| Toulon | 30.02 | 56 | WNW | 3 | b | 30.00 | 02 | 55 | 51 | + | 1 | W | 4 | c | 5 | 59 | 54 | - | |
| HIGH LEVEL STATION Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.13 | 48 | SSW | 2 | r | 29.43 | 41 | 38 | 37 | - | 8 | Z | 0 | b | 5 | 51 | 35 | 0.31 | |

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | |
|---------------|-------|------|------|-------|------|------|---|-------|------|------|-------|------|------|---|
| Skudesnæs | 29.51 | 55 | 51 | SE | 8 | 0 | Valencia | 29.33 | 53 | 50 | SW | 4 | 0 | 4 |
| Sumburgh Head | 29.48 | 50 | 49 | SSE | 4 | 0 | Scilly | 29.43 | 54 | 56 | W | 4 | c | 5 |
| Stornoway | 29.27 | 52 | 49 | SE | 6 | 0 | Dover | 29.55 | 55 | 55 | SSW | 7 | 0 | 5 |
| Aberdeen | 29.43 | 52 | 50 | S | 6 | 0 | London | 29.31 | 57 | 56 | S | 3 | 0 | 5 |
| Shields | 29.44 | 52 | 51 | SE | 3 | r | Yarmouth | 29.56 | 54 | 52 | SSE | 7 | 0 | 5 |
| Ardrossan | 29.32 | 50 | 50 | E | 3 | r | Jersey | 29.49 | 54 | 57 | SW | 6 | 0 | 5 |
| Mullaghmore | 29.25 | 53 | 49 | W | 5 | c | Rochefort | 29.73 | 58 | 58 | SSW | 8 | r | 4 |
| Holyhead | 29.36 | 54 | 53 | SSW | 3 | c | Rain on 21 st 29.92 31 31 S 7 f 55 30 0.15 | | | | | | | |

The depression off our W. coast is travelling NNE⁴, while a subsidiary disturbance is advancing over Wales and England. Under the influence of the latter the Sth wind has become very strong in the SE., while owing to the former it has become strong in the E. of Scotland. Strong Sth and SWth winds are likely to continue with mild showery weather. Sea smooth at Holyhead, rough 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 (hazy) a. 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

MONDAY, 23RD OCTOBER.

1882

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.)

WEATHER CHARTS

for 8 a.m. on Monday 23rd OCTOBER 1882

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.

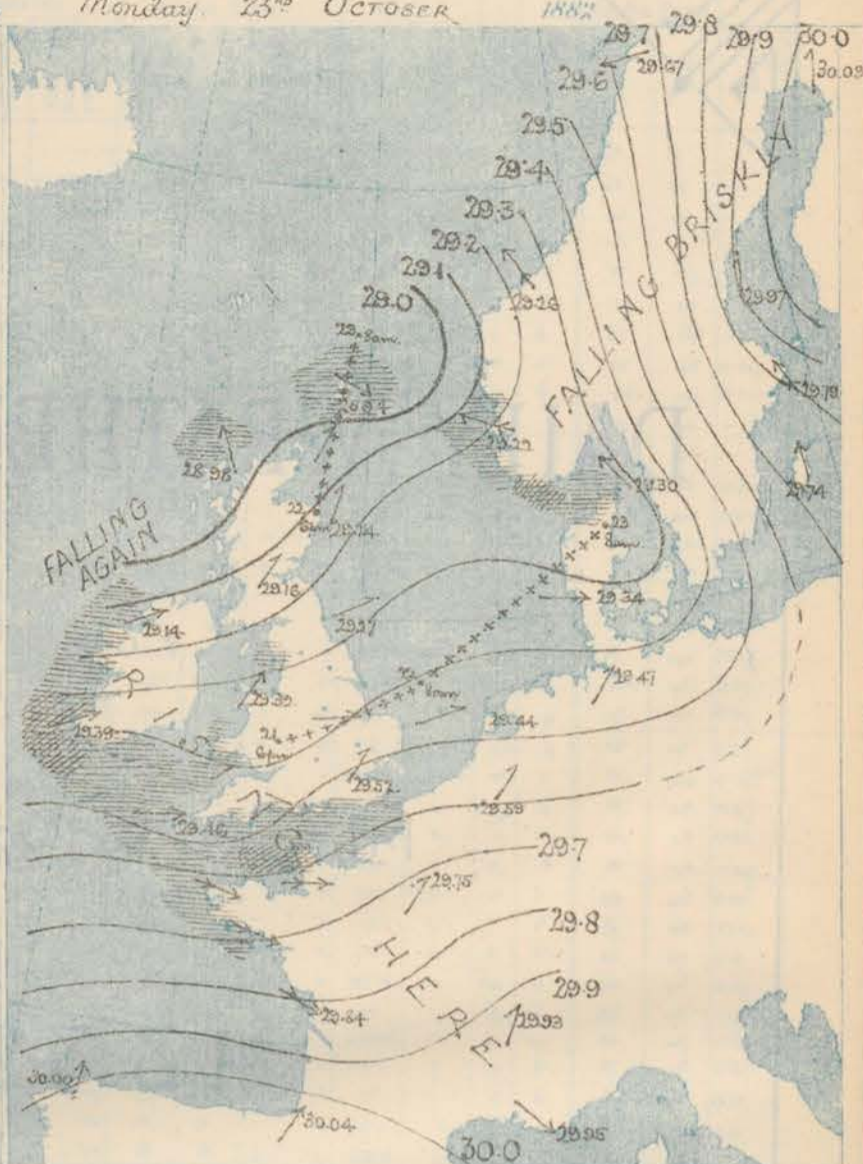
Sea Disturbance, where considerable, is shown by shading round the coast, thus: Rough, High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations | Mean Readings In. |
|--------------|----------------------|
| Naun | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenacastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

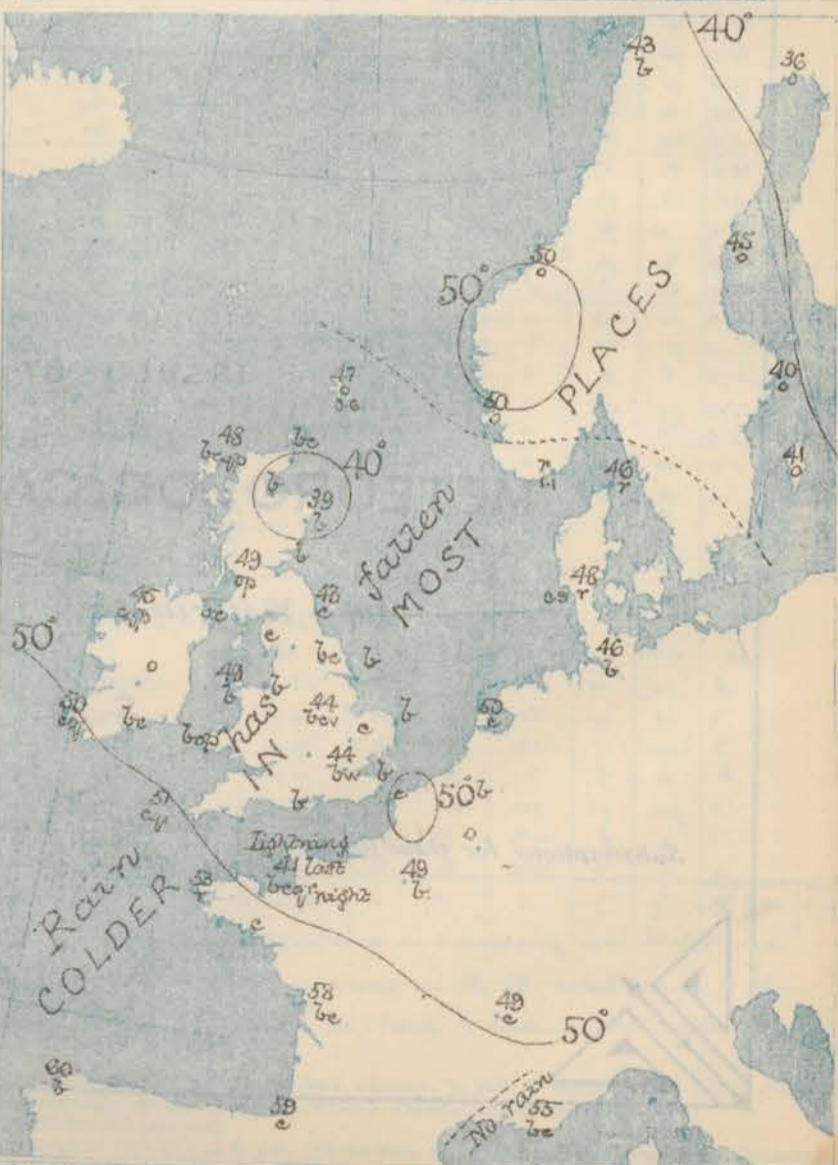
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

| Stations | Temp | Rain-fall |
|-------------------|------|-----------|
| | ° | ins |
| Sundburgh Head | 46.4 | 2.64 |
| Stormoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 49.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Paranstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 54.6 | 4.91 |
| Hurst Castle | 63.3 | ? |
| Dover | 63.0 | 3.26 |
| LONDON | 62.3 | 2.84 |
| Yarmouth | 61.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Monday 23rd OCT^r 1882 at 8 a.m.

The depressions which lay over our Islands yesterday morning travelled away N.E. in the course of the day, and the barometer rose generally with a material improvement in the weather. At our more eastern stations the improvement continues, but a new depression has appeared on our N.W. coast, while a shallow subsidiary disturbance has advanced over the Bristol Channel, so that in the west and south-west conditions are again showery and unsettled. In the north of Scotland the wind has backed to the S.W., but at all the more southern stations S.W. or W. breezes are reported, blowing with the force of a fresh gale in the Bay of Biscay and western half of the Channel. In the course of yesterday showers fell generally. Temperature has fallen several degrees over France and our southern districts, and ranges from 51° at Penzance, Tully, and Hurst Castle to 37° at Kairn. The minima registered last night were rather low; at Cambridge the thermometer fell to 36°, at Kairn to 35°, at Stromway to 34°, and at Aberdeen to 33°.

The sea is high at Valencia, rough on our W. and S. coasts generally.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

24th OCTOBER.

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

DISTRICTS

FORECASTS

| | |
|--------------------|---|
| 1 SCOTLAND NORTH | S ² to SW ² winds, strong; fair to cloudy and rainy. |
| 2 SCOTLAND EAST | SW ² winds, moderate or fresh; fine to cloudy and showery. |
| 3 ENGLAND NE | -----D-----D-----D----- |
| 4 ENGLAND EAST | Same as No 5 |
| 5 MIDLAND COUNTIES | Same as No 5 |
| 6 ENGLAND SOUTH | SW ² to W ² winds, fresh or strong; fine to cloudy and showery. |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | SW ² winds, moderate or fresh; dull, rain at times. |
| 7 ENGLAND N.W. | Same as No 1 and 2 |
| 8 ENGLAND S.W. | W ² winds, strong; cloudy, showery. |
| 9 IRELAND NORTH | SW ² winds, fresh or strong; cloudy, showery. |
| 10 IRELAND SOUTH | -----D-----D-----D----- |
| WARNINGS | |
| NONE ISSUED | |

METEOROLOGICAL OBSERVATIONS FOR

23rd OCTOBER

1882

| STATIONS. | YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|--|--------------------|-------|----------------------|----------|---|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|------|---------------------------|------|--|
| | Baromet. at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force, (0 to 12). | | | | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force, (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.15 | 41 | S | 4 | 0 | 30.09 | -0.07 | 36 | 36 | - | 7 | S | 4 | 0 | 43 | 41 | - | | |
| Hernösand | 30.02 | 45 | S | 8 | 0 | 29.97 | -0.16 | 45 | 41 | - | 1 | S | 4 | 0 | 48 | 43 | - | | |
| Stockholm | 29.96 | 40 | SE | 4 | 0 | 29.79 | -0.38 | 40 | 38 | - | 5 | SE | 8 | 0 | 46 | ? | - | | |
| Wisby | 29.93 | 39 | SE | 6 | 0 | 29.74 | -0.43 | 41 | 39 | + | 3 | SE | 6 | 0 | 46 | 36 | - | | |
| Bodö | 29.77 | 42 | E | 6 | 0 | 29.64 | -0.19 | 43 | 38 | - | 1 | ENE | 6 | 0 | 48 | 39 | - | | |
| Christiansund | 29.40 | 53 | SE | 8 | 0 | 29.26 | -0.29 | 50 | 41 | - | 5 | SE | 8 | 0 | 55 | 46 | - | | |
| †Skudesnaes | 29.14 | 51 | SE | 9 | 0 | 29.22 | -0.21 | 50 | 45 | - | 4 | SE | 8 | 0 | 54 | ? | - | | |
| Osö (Xiansund) | 29.30 | 46 | ESE | 4 | 0 | 29.25 | -0.39 | 47 | 46 | - | 2 | ENE | 6 | 0 | 50 | 46 | 1.06 | | |
| Skagen (The Skaw) | 29.49 | 46 | SE | 8 | 0 | 29.30 | -0.49 | 46 | 46 | - | 2 | SE | 7 | 0 | 48 | 41 | 0.32 | | |
| Fanö | 29.24 | 48 | S | 5 | 0 | 29.34 | -0.20 | 48 | 46 | 0 | W | 6 | 0 | 50 | 45 | 0.91 | | | |
| Cuxhaven | 29.28 | ? | SE | 7 | 0 | 29.47 | -0.19 | 46 | 45 | - | 2 | SW | 4 | 0 | 50 | 43 | 0.38 | | |
| †Sumburgh Head | 29.00 | 47 | SW | 3 | 0 | 28.94 | -0.16 | 47 | 46 | - | 4 | WNW | 5 | 0 | 53 | 45 | 0.58 | | |
| †Stornoway | 29.84 | 44 | WSW | 3 | 0 | 28.98 | -0.58 | 48 | 47 | + | 2 | SE | 6 | 0 | 50 | 34 | 0.22 | | |
| Wick | 29.04 | 46 | NW | 2 | 0 | 29.09 | + | 0.5 | 44 | 42 | + | 1 | SSW | 2 | 0 | 54 | 40 | 0.03 | |
| Nairn | 29.04 | 45 | SW | 1 | 0 | 29.06 | -0.01 | 57 | 36 | + | 5 | W | 0 | 0 | 51 | 35 | 0.01 | | |
| †Aberdeen | 29.04 | 46 | W | 0 | 0 | 29.12 | + | 0.6 | 59 | 35 | - | 7 | SEW | 2 | 0 | 56 | 33 | - | |
| Leith | 29.11 | 45 | S | 1 | 0 | 29.18 | + | 0.9 | 46 | 43 | + | 2 | WSW | 3 | 0 | 51 | 41 | 0.02 | |
| †Shields | 29.14 | 48 | W | 2 | 0 | 29.27 | + | 1.5 | 43 | 41 | 0 | WSW | 3 | 0 | 53 | 39 | - | | |
| Spurn Head | 29.20 | 48 | WSW | 5 | 0 | 29.33 | + | 2.5 | 43 | 42 | - | 5 | SW | 4 | 0 | 53 | 41 | 0.04 | |
| York | 29.21 | 46 | W | 2 | 0 | 29.35 | + | 2.2 | 40 | 39 | - | 4 | S | 1 | 0 | 54 | 39 | 0.06 | |
| Loughborough | 29.32 | 46 | W | 4 | 0 | 29.41 | + | 2.2 | 44 | 42 | - | 1 | W | 4 | 0 | 53 | 41 | 0.04 | |
| †Ardrossan | 29.15 | 47 | W | 4 | 0 | 29.16 | + | 0.5 | 49 | 49 | + | 2 | SW | 4 | 0 | 53 | 45 | 0.04 | |
| †Mullaghmore | 29.17 | 45 | SW | 5 | 0 | 29.14 | + | 0.1 | 45 | 44 | - | 1 | SW | 5 | 0 | 51 | 44 | 0.26 | |
| Donaghadee | 29.23 | 41 | W | 3 | 0 | 29.22 | + | 0.9 | 45 | 43 | 0 | W | 3 | 0 | 51 | 39 | - | | |
| Parsonstown | - | - | - | - | - | 29.31 | + | 0.7 | 44 | 42 | + | 1 | S | 2 | 0 | 50 | 41 | 0.20 | |
| Barrow-in-Furness | 29.21 | 48 | WSW | 4 | 0 | 29.27 | + | 1.3 | 49 | 47 | + | 2 | SSW | 3 | 0 | 50 | 46 | 0.37 | |
| †Holyhead | 29.27 | 48 | W | 5 | 0 | 29.32 | + | 1.6 | 49 | 46 | 0 | SW | 5 | 0 | 54 | 46 | 0.03 | | |
| Liverpool (Bidston) | 29.28 | 44 | W | 3 | 0 | 29.35 | + | 1.9 | 44 | 42 | - | 2 | SSW | 2 | 0 | 51 | 43 | 0.23 | |
| †Valencia | 29.36 | 49 | WSW | 6 | 0 | 29.39 | + | 0.6 | 50 | 48 | + | 2 | WSW | 6 | 0 | 53 | 43 | 0.37 | |
| Roche's Point | 29.37 | 47 | W | 4 | 0 | 29.40 | + | 0.8 | 47 | 45 | + | 1 | W | 4 | 0 | 52 | 44 | 0.12 | |
| Pembroke | 29.36 | 48 | W | 7 | 0 | 29.39 | + | 1.6 | 51 | 49 | 0 | WSW | 7 | 0 | 52 | 47 | 0.09 | | |
| †Scilly | 29.52 | 52 | W | 8 | 0 | 29.46 | + | 0.4 | 51 | 50 | - | 2 | W | 8 | 0 | 54 | 47 | 0.21 | |
| Prawle Point | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | | |
| Hurst Castle | 29.49 | 49 | WNW | 8 | 0 | 29.54 | + | 1.7 | 51 | 47 | - | 1 | WNW | 6 | 0 | 57 | 46 | 0.15 | |
| †Dover | 29.42 | 51 | W | 5 | 0 | 29.53 | + | 2.3 | 45 | 43 | - | 11 | W | 5 | 0 | 57 | 44 | 0.02 | |
| †London | 29.41 | 45 | W | 5 | 0 | 29.52 | + | 3.0 | 44 | 42 | - | 6 | SW | 2 | 0 | 58 | 41 | 0.08 | |
| Oxford | 29.43 | 45 | SW | 3 | 0 | 29.49 | + | 2.7 | 46 | 44 | - | 3 | SW | 5 | 0 | 56 | 42 | 0.10 | |
| Cambridge | 29.38 | 47 | NW | 1 | 0 | 29.48 | + | 3.2 | 43 | 43 | - | 6 | SW | 1 | 0 | 54 | 36 | 0.02 | |
| †Yarmouth | 29.30 | 45 | WSW | 4 | 0 | 29.45 | + | 4.0 | 43 | 42 | - | 14 | WSW | 2 | 0 | 54 | 39 | 0.03 | |
| The Helder | 29.32 | 52 | WSW | 5 | 0 | 29.44 | + | 1.4 | 50 | 46 | - | 1 | SW | 3 | 0 | 55 | 48 | 0.28 | |
| Cape Gris Nez | 29.47 | 52 | W | 0 | 0 | 29.54 | + | 3.0 | 51 | 48 | - | 9 | W | 8 | 0 | 61 | 46 | 0.20 | |
| †Jersey | 29.60 | 52 | W | 8 | 0 | 29.64 | + | 4.3 | 51 | 47 | - | 4 | W | 8 | 0 | 56 | 46 | 0.37 | |
| Brest | 29.70 | 54 | W | 7 | 0 | ? | ? | ? | 53 | 49 | - | 2 | WNW | 7 | 0 | ? | 50 | 0.04 | |
| Lorient | 29.71 | 52 | WNW | 9 | 0 | 29.72 | + | 2.1 | 55 | 50 | - | 3 | WNW | 8 | 0 | 59 | 46 | 0.32 | |
| †Rochefort | 29.82 | 59 | WNW | 8 | 0 | 29.84 | + | 1.7 | 58 | 54 | - | 4 | WNW | 8 | 0 | 64 | 50 | 0.35 | |
| Biarritz | 30.01 | 63 | W | 5 | 0 | 30.04 | + | 1.3 | 69 | 55 | - | 2 | SW | 5 | 0 | 66 | 50 | 0.12 | |
| Cornwall | ? | ? | ? | ? | ? | 30.00 | + | 1.0 | 60 | 57 | - | 3 | SSW | 7 | 0 | ? | 55 | 0.43 | |
| Brussels | ? | ? | ? | ? | ? | 29.59 | + | 2.4 | 46 | 44 | - | 9 | SW | 4 | 0 | 60 | 45 | 0.35 | |
| Charleville | 29.60 | 51 | NW | 7 | 0 | 29.72 | + | 1.9 | 46 | 43 | - | 7 | S | 4 | 0 | 60 | 43 | 0.20 | |
| Paris | 29.66 | 57 | SW | 8 | 0 | 29.75 | + | 2.7 | 49 | 46 | - | 12 | SW | 5 | 0 | ? | ? | 0.04 | |
| Lyons | 29.87 | 56 | S | 4 | 0 | 29.93 | + | 0.7 | 49 | 47 | - | 2 | SSW | 1 | 0 | 57 | 47 | 0.08 | |
| Toulon | 29.60 | 59 | W | 5 | 0 | 29.95 | - | 0.5 | 54 | 54 | 0 | NW | 5 | 0 | 63 | 55 | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.89 | 46 | W | 3 | 0 | 28.98 | + | 1.5 | 41 | 41 | + | 3 | WSW | 2 | 0 | 45 | 37 | 0.34 | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|---|-----|----|----|---|---|-----|---|---|----|----|------|
| Hawes Junction | 29.89 | 46 | W | 3 | 0 | 29.98 | + | 1.5 | 41 | 41 | + | 3 | WSW | 2 | 0 | 45 | 37 | 0.34 |
|----------------|-------|----|---|---|---|-------|---|-----|----|----|---|---|-----|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. |
|---------------|-------|------|------|-------|------|------|--------------------|-------|------|------|-------|------|------|
| Skudesnaes | 29.29 | 53 | 47 | SE | 9 | 0 | Valencia | | | | | | |
| Sumburgh Head | | | | | | | Scilly | | | | | | |
| Stornoway | | | | | | | Dover | | | | | | |
| Aberdeen | | | | | | | London | | | | | | |
| Shields | | | | | | | Yarmouth | | | | | | |
| Ardrossan | | | | | | | Jersey | | | | | | |
| Mullaghmore | | | | | | | Rochefort | 29.79 | 60 | 57 | WNW | 8 | 0 |
| Holyhead | | | | | | | | | | | | | |
| | | | | | | | Bea Havis (446 ft) | | | | | | |
| | | | | | | | Baromet. 22nd | 24.52 | 31 | 30 | SW | 4 | fsp |

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, 24TH OCTOBER.

1882

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 OCTOBER 1882

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.

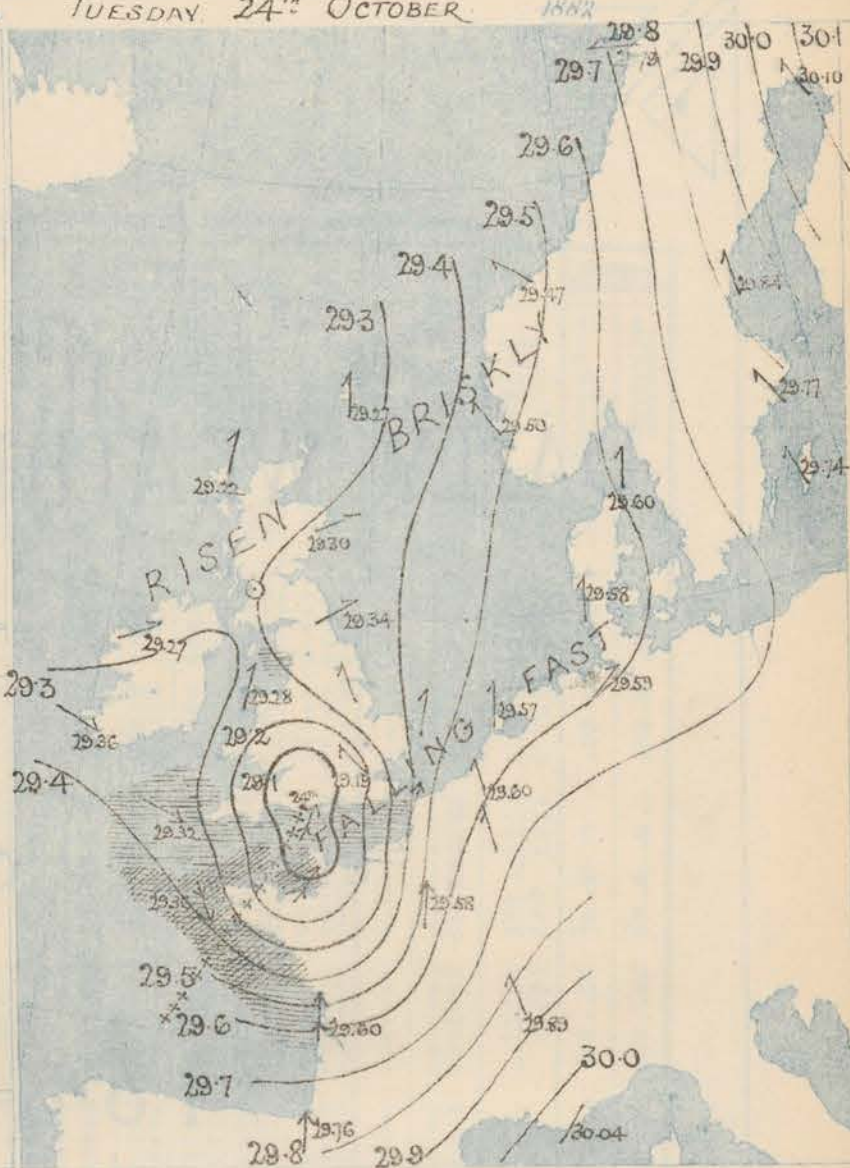
Sea Disturbance, where considerable, is shown by shading round the coast, thus: = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings Inch |
|--------------|-----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Inverness | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Green-castle | 29.788 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1872-81. A more complete set of mean values is in course of preparation.



REMARKS

for Tuesday 24th OCT^r 1882 at 8 a.m.

In the course of the past night a deep depression has advanced over southern England from the south-westward, and the barometer has consequently fallen briskly in all the more southern districts, with heavy rain in most places, and a fresh or strong S.W. gale at Hurst Castle and Jersey. In Scotland and the N. of Ireland the rise in the barometer continues, the winds are light from S.W. and the weather fine. The largest amount of rain reported this morning are 1.6 in. at Prawle Point and 0.8 in. at Hurst Castle. Temperature has fallen briskly on all our western and northern coasts, and is as low as 33° at Penzance and 35° at Aberdeen, but in the south-east and south the thermometer has risen and at Jersey the reading is as high as 57°. A slight frost occurred last night at Parsonstown while at Aberdeen the minimum was only 34°, and at Wick and Kairn 35°. The sea is very high at Lorient and Jersey, very rough in the Channel generally, moderate to slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

25th OCTOBER.

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

DISTRICTS

FORECASTS

0 SCOTLAND NORTH

SW^{ly} and S^{ly} winds, light; fine to cloudy and showery.

1 SCOTLAND EAST

Light variable to SW^{ly} breezes; dull and rainy at first then improving somewhat

2 ENGLAND N.E.

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

3 ENGLAND EAST

Same as No 5

4 MIDLAND COUNTIES

Same as No 5

5 ENGLAND SOUTH

SW^{ly} to W^{ly} gales, moderating later; dull and rainy at first, afterwards clearing.

DISTRICTS

FORECASTS

6 SCOTLAND WEST

SW^{ly} and W^{ly} winds, light; cloudy, showery.

7 ENGLAND N.W.

S^{ly} to W^{ly} winds, moderate to strong; dull and rainy to cloudy & showery.

8 ENGLAND S.W.

W^{ly} winds, strong to a gale; cloudy, showery.

9 IRELAND NORTH

W^{ly} and NW^{ly} winds, moderate or fresh; unsettled, showery.

10 IRELAND SOUTH

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

WARNINGS

The S. cone has been hoisted this morning in districts 3. 5. 7 and 8

METEOROLOGICAL OBSERVATIONS FOR

24th OCTOBER

1882

| | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | † LAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|------|---------------------|------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.03 | 31 | E | 2 | 0 | 30.10 | + 01 | 30 | 29 | - | 6 | SE | 2 | 0 | * | 36 | 30 | - | |
| Hernösand | 29.89 | 42 | S | 6 | c | 29.84 | - 13 | 41 | 40 | - | 4 | S | 4 | 0 | * | 48 | 41 | 0.28 | |
| Stockholm | 29.75 | 43 | SE | 4 | 0 | 29.77 | - 02 | 41 | 40 | + | 1 | SE | 4 | 0 | * | 43 | 39 | 0.04 | |
| Wisby | 29.71 | 40 | SSE | 6 | A | 29.74 | - 00 | 43 | 42 | + | 2 | SSE | 4 | 0 | * | 43 | 37 | 0.24 | |
| Bodö | 29.70 | 44 | E | 8 | B | 29.79 | + 12 | 42 | 39 | - | 1 | E | 4 | 0 | * | 46 | 37 | - | |
| Christiansund | 29.70 | 44 | SSE | 4 | B | 29.47 | + 21 | 49 | 42 | - | 1 | CSE | 3 | 0 | 2 | 52 | 43 | - | |
| †Skudesnæs | 29.39 | 45 | SSE | 2 | A | 29.50 | + 28 | 48 | 45 | - | 2 | SE | 4 | 0 | 4 | 50 | ? | - | |
| Öxö (Christiansund) | 29.38 | 41 | NNW | 1 | A | 29.55 | + 30 | 41 | 40 | - | 6 | N | 2 | 0 | 3 | ? | 39 | 0.24 | |
| Skagen (The Skaw) | 29.47 | 47 | SSW | 2 | c | 29.60 | + 30 | 47 | 46 | + | 1 | S | 2 | 0 | 1 | 48 | 41 | 0.04 | |
| Fanö | 29.52 | 43 | S | 4 | cp | 29.58 | + 24 | 44 | 44 | - | 4 | S | 4 | 0 | * | 48 | 43 | 0.67 | |
| Cuxhaven | 29.52 | ? | SSW | 2 | c | 29.59 | + 12 | 43 | 43 | - | 3 | SW | 2 | 0 | * | 48 | 39 | - | |
| †Sumburgh Head | 29.15 | 47 | S | 3 | B | 29.27 | + 33 | 47 | 45 | - | 0 | S | 3 | 0 | 4 | 51 | 48 | 0.02 | |
| †Stornoway | 29.07 | 46 | W | 4 | A | 29.22 | + 24 | 45 | 44 | - | 3 | SSW | 4 | 0 | 4 | 50 | 36 | 0.31 | |
| Wick | 29.13 | 47 | WNW | 2 | B | 29.28 | + 21 | 36 | 35 | - | 8 | N | 1 | 0 | 2 | 51 | 35 | - | |
| Nairn | 29.14 | 41 | Z | 0 | B | 29.26 | + 20 | 36 | 35 | - | 1 | Z | 0 | 0 | 0 | 50 | 35 | - | |
| †Aberdeen | 29.20 | 47 | SSW | 2 | B | 29.30 | + 16 | 35 | 34 | - | 4 | WSW | 1 | 0 | 2 | 53 | 34 | - | |
| Leith | 29.22 | 47 | SW | 1 | 0 | 29.32 | + 14 | 40 | 39 | - | 6 | SSW | 1 | 0 | * | 54 | 37 | 0.02 | |
| †Shields | 29.32 | 47 | WSW | 3 | 0 | 29.34 | + 07 | 42 | 41 | - | 1 | WSW | 1 | 0 | 2 | 53 | 39 | - | |
| Spurn Head | 29.40 | 47 | SSW | 4 | B | 29.38 | + 03 | 44 | 43 | + | 1 | S | 4 | 0 | 2 | 53 | 42 | - | |
| York | 29.37 | 47 | SW | 2 | B | 29.36 | + 01 | 40 | 39 | - | 0 | SSE | 1 | 0 | * | 54 | 37 | 0.01 | |
| Loughborough | 29.45 | 46 | SW | 3 | B | 29.33 | - 08 | 41 | 40 | - | 3 | Z | 0 | 0 | * | 55 | 40 | 0.02 | |
| †Ardrossan | 29.18 | 51 | SW | 4 | c | 29.30 | + 14 | 45 | 45 | - | 4 | E | 1 | 0 | 1 | 52 | 44 | 0.12 | |
| †Mullaghmore | 29.20 | 48 | W | 5 | pgg | 29.27 | + 13 | 43 | 41 | - | 2 | SW | 4 | 0 | 4 | 51 | 41 | 0.16 | |
| Donaghadee | 29.26 | 46 | SW | 3 | B | 29.30 | + 08 | 34 | 34 | - | 11 | SW | 2 | 0 | 0 | 52 | 33 | - | |
| Parsonstown | 29.39 | 44 | SSW | 1 | c | 29.33 | + 05 | 33 | 32 | - | 11 | S | 1 | 0 | 0 | 51 | 32 | 0.28 | |
| Barrow-in-Furness | 29.32 | 49 | SSW | 4 | 0 | 29.30 | + 03 | 45 | 44 | - | 4 | SSE | 4 | 0 | 5 | 53 | 44 | 0.63 | |
| †Holyhead | 29.36 | 51 | SW | 5 | cp | 29.28 | - 04 | 45 | 43 | - | 4 | SSW | 2 | 0 | 1 | 54 | 45 | 0.02 | |
| Liverpool (Bidston) | 29.36 | 47 | SSW | 3 | B | 29.29 | - 06 | 43 | 42 | - | 1 | SE | 2 | 0 | 2 | 53 | 42 | - | |
| †Valencia | 29.44 | 48 | WSW | 5 | pgg | 29.36 | - 03 | 47 | 46 | - | 3 | WNW | 3 | 0 | 3 | 54 | 41 | 0.49 | |
| Roche's Point | 29.44 | 46 | W | 4 | B | 29.35 | - 05 | 40 | 39 | - | 7 | WNW | 3 | 0 | 3 | 50 | 38 | 0.08 | |
| Pembroke | 29.45 | 52 | WSW | 6 | c | 29.25 | - 14 | 44 | 42 | - | 7 | NNW | 2 | 0 | 2 | 53 | 44 | 0.17 | |
| †Scilly | 29.57 | 53 | W | 6 | cp | 29.32 | - 14 | 51 | 48 | - | 0 | WNW | 6 | 0 | 6 | 54 | 46 | 0.53 | |
| Prawle Point | 29.61 | 50 | WSW | 6 | c | 29.10 | - 46 | 41 | 40 | - | 9 | WNW | 6 | 0 | 6 | 54 | 40 | 1.58 | |
| Hurst Castle | 29.89 | 51 | WNW | 6 | cp | 29.10 | - 44 | 55 | 53 | + | 4 | SEW | 8 | 0 | 6 | 55 | 48 | 0.83 | |
| †Dover | 29.55 | 54 | W | 4 | B | 29.36 | - 17 | 50 | 48 | + | 5 | CSE | 5 | 0 | 4 | 55 | 44 | 0.18 | |
| †London | 29.56 | 46 | WSW | 3 | B | 29.19 | - 33 | 46 | 45 | + | 2 | CSE | 3 | 0 | * | 57 | 43 | 0.27 | |
| Oxford | 29.54 | 46 | SW | 3 | c | 29.11 | - 38 | 44 | 43 | - | 2 | E | 6 | 0 | * | 52 | 42 | 0.55 | |
| Cambridge | | | | | | | | | | | | | | | * | | | | |
| †Yarmouth | 29.50 | 47 | SW | 2 | B | 29.41 | - 04 | 50 | 48 | + | 7 | SSW | 4 | 0 | 4 | 52 | 42 | 0.06 | |
| The Helder | 29.54 | 49 | WNW | 4 | E | 29.57 | + 13 | 47 | 46 | - | 3 | S | 3 | 0 | 2 | 54 | 46 | 0.12 | |
| Cape Gris Nez | 29.62 | 50 | W | 8 | A | 29.51 | - 02 | 47 | 47 | - | 4 | SW | 7 | 0 | 5 | 55 | 46 | 0.16 | |
| †Jersey | 29.61 | 53 | WSW | 7 | B | 29.41 | - 53 | 57 | 55 | + | 6 | SW | 10 | 0 | 8 | 57 | 48 | 0.36 | |
| Brest | 29.74 | 54 | W | 5 | 0 | 29.36 | ? | 48 | 46 | - | 5 | NNW | 8 | 0 | 7 | 55 | 46 | 0.43 | |
| Lorient | 29.74 | 53 | W | 8 | 0 | 29.30 | - 42 | 59 | 56 | + | 4 | W | 9 | 0 | 8 | ? | 50 | 0.28 | |
| †Rochefort | 29.74 | 55 | W | 7 | 0 | 29.60 | - 24 | 57 | 54 | - | 1 | S | 9 | 0 | 4 | 61 | 50 | 0.16 | |
| Biarritz | 29.03 | 62 | W | 4 | c | 29.76 | - 28 | 64 | 49 | + | 5 | S | 5 | 0 | 4 | 64 | 55 | - | |
| Corunna | | | | | | | | | | | | | | | * | | | | |
| Brussels | | | | | | 29.50 | + 01 | 48 | 47 | + | 2 | SSE | 3 | 0 | * | 52 | 45 | 0.08 | |
| Charleville | 29.84 | 59 | SSW | 8 | c | 29.70 | - 02 | 49 | 47 | + | 3 | SSE | 1 | 0 | * | 61 | 45 | 0.08 | |
| Paris | 29.78 | 52 | SW | 5 | B | 29.58 | - 17 | 53 | 52 | + | 4 | S | 7 | 0 | * | | | 0.08 | |
| Lyons | 30.04 | 53 | S | 1 | 0 | 29.89 | - 04 | 49 | 46 | - | 0 | SSE | 3 | 0 | * | 62 | 47 | - | |
| Toulon | 29.49 | 58 | NW | 5 | B | 30.04 | + 09 | 50 | 52 | + | 1 | SW | 1 | 0 | 2 | 61 | 54 | - | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 29.12 | 44 | SW | 3 | A | 28.47 | + 03 | 40 | 40 | - | 1 | S | 1 | 0 | * | 46 | 39 | 0.65 | |

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. |
|---------------|-------|------|------|-------|------|------|----------------------|-------|------|------|-------|------|----------------|
| Skudesnæs | 29.33 | 48 | 44 | SSE | 4 | 0 | Valencia | 29.41 | 50 | 49 | WSW | 6 | c, f, pg |
| Sumburgh Head | 29.11 | 50 | 46 | S | 4 | B | Scilly | 29.58 | 54 | 51 | W | 8 | c |
| Stornoway | 29.03 | 50 | 47 | SSW | 6 | c, p | Dover | 29.55 | 54 | 51 | W | 4 | B |
| Aberdeen | 29.16 | 50 | 47 | SSW | 4 | B | London | 29.52 | 54 | 49 | W | 4 | B |
| Shields | 29.29 | 52 | 46 | WSW | 4 | c | Yarmouth | 29.48 | 52 | 48 | WSW | 3 | B |
| Ardrossan | 29.18 | 51 | 51 | SW | 4 | c | Jersey | 29.67 | 55 | 50 | W | 7 | B |
| Mullaghmore | 29.19 | 48 | 48 | W | 6 | pgg | Rochefort | 29.89 | 56 | 44 | NW | 7 | 0 |
| Holyhead | 29.32 | 52 | 48 | SW | 5 | c | Bon Nevis (4406 ft.) | 29.63 | 50 | 30 | SW | 6 | f |
| | | | | | | | | | | | | | Max. Min. Rain |
| | | | | | | | | | | | | | 31 28 0.46 |

The depressions in the N. are passing away in a N. or N.E. direction and the barometer is rising briskly at Sumburgh Hd. and slowly in all other parts of our dominions. The winds and weather are very little changed and hail showers are reported at 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 (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.

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

DAILY WEATHER REPORT

F O R

WEDNESDAY 25th OCTOBER

1882

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
Do Do Bookpost 5^s 10^s

ROBERT H. SCOTT

(SECRETARY.)

Printed by D. Dengerfield, 14th St. Pall Mall, S. W.

WEATHER CHARTS

for 8 a.m. on Wednesday 25th October 1882

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.

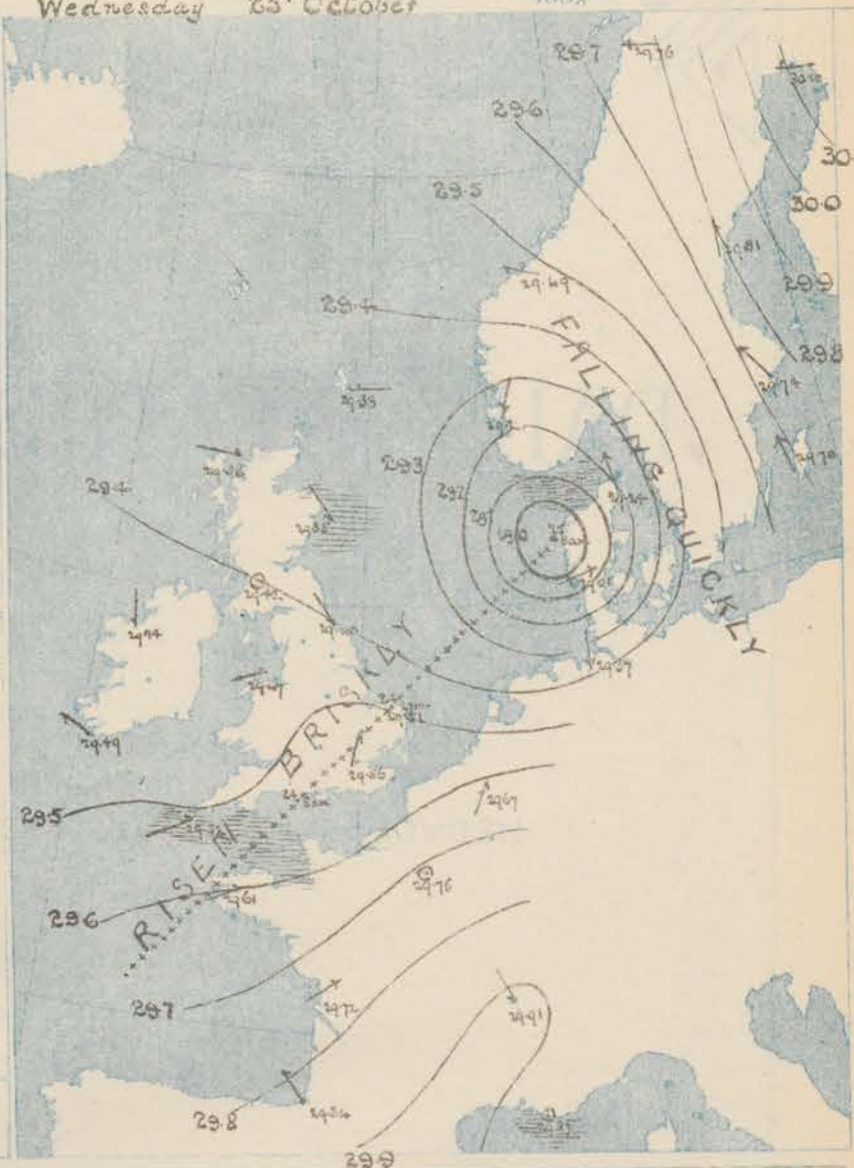
Sea Disturbance; where considerable is shown by shading round the coast, thus: Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings Inch |
|-------------|-----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greencastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Vermouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

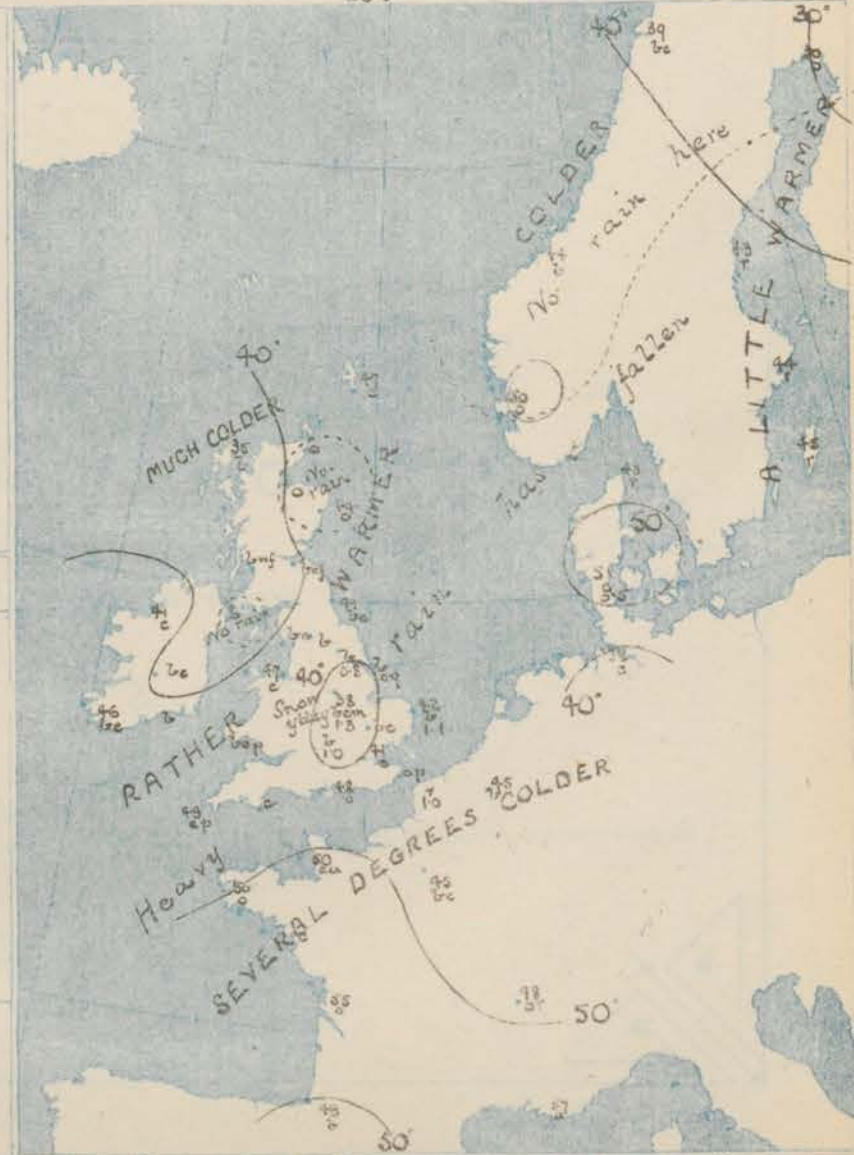
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October.

| Stations | Temp. | Rain-fall ins |
|--------------------|-------|------------------|
| Samburgh Head | 46.4 | 2.64 |
| Stornoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 49.3 | 2.61 |
| York | 49.9 | 2.86 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 60.2 | 3.68 |
| Valencia | 51.4 | 7.11 |
| Scilly (St Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Vermouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Wednesday 25th October 1882 at 8 a.m.

The deep depression which passed across the S.E. of England yesterday has now reached the NW coast of Denmark and the barometer is consequently falling at the Scandinavian and Danish stations while it rises over our Islands and France. On our SW coasts, however, the recovery has almost ceased. In Denmark and the S. of Norway the wind circulates round the centre of the depression, and blows with the force of a gale, but in the N. of our Islands light NW breezes are reported, while in the S. districts the wind after shifting to NW has backed to the SWth or Sth. A fresh to whole gale was experienced at all our SE, S, and midland stations yesterday. Unsettled rainy weather prevails over the S. half of Scandinavia, with thunder at Oslo, and in the NE of Scotland the sky is overcast, but, in most other places the weather is fair. Showers are however reported from Pembroke, Scilly & Dover. The heaviest amounts of rain which fell yesterday were 0.9 in. at Spurn Head & Cambridge, 1 in. at Oxford, 1.1 in. at Yarmouth & 1.3 in. at Loughboro; snow fell over the midland counties. Temperature has fallen several degrees in the SE & S, and ranges from 49° at Scilly to 35° at Parnassus.

The sea is rather rough in the Channel.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

26th October

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

| DISTRICTS | FORECASTS | DISTRICTS | FORECASTS |
|--------------------|---|------------------|--|
| 0 SCOTLAND NORTH | W th and NW th winds, light; cloudy | 6 SCOTLAND WEST | Calms and variable airs; cloudy, foggy |
| 1 SCOTLAND EAST | -----D-----D-----D----- | 7 ENGLAND N.W. | W th or Variable airs; fair to cloudy and unsettled |
| 2 ENGLAND N.E. | W th and SW th winds, light or moderate; fine to cloudy and unsettled | 8 ENGLAND S.W. | S th to SW th winds, moderate to strong; unsettled, some rain |
| 3 ENGLAND EAST | Same as N ^o 5 | 9 IRELAND NORTH | Light breezes, chiefly W th ; unsettled, some rain |
| 4 MIDLAND COUNTIES | Same as N ^o 5 | 10 IRELAND SOUTH | SE th winds shifting to W or NW; fine to dull and rainy |
| 5 ENGLAND SOUTH | SW th winds, light at first, afterwards freshening; fine to cloudy and showery | WARNINGS | The S. Cone which has hoisted in districts 2, 3, 5, 7 & 8 yesterday morning, has been lowered since that time. |

METEOROLOGICAL OBSERVATIONS FOR 25th OCT.

1882

| | YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | LAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|-----------------|-------------|------|---------------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 10). | 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 9 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 30.12 | 37 | E | 2 | c | 30.10 | 00 | 30 | 29 | 0 | E | 4 | c | * | 30 | 27 | — | | |
| Hernösand | 29.92 | 36 | E | 4 | r | 29.81 | — | 33 | 42 | 2 | S | 2 | r | * | 45 | 36 | 0.11 | | |
| Stockholm | 29.82 | 44 | SSE | 2 | r | 29.74 | — | 33 | 44 | 2 | SE | 6 | r | * | 45 | 37 | 0.03 | | |
| Wisby | 29.80 | 40 | E | 4 | bc | 29.70 | — | 34 | 44 | 2 | SSE | 6 | r | * | 30 | 39 | 0.04 | | |
| Bodö | 29.80 | 40 | ENE | 4 | b | 29.76 | — | 33 | 39 | 3 | E | 6 | bc | 2 | 43 | 36 | — | | |
| Christiansund | 29.94 | 48 | ESE | 2 | b | 29.89 | — | 34 | 44 | 5 | ESE | 3 | b | 2 | 54 | 41 | — | | |
| †Skudesnaes | 29.43 | 48 | E | 4 | bc | 29.33 | — | 30 | 43 | 2 | NNE | 6 | c | 4 | 50 | 48 | — | | |
| Oxö (Xiänsund) | 29.44 | 48 | ESE | 6 | c | 29.30 | — | 30 | 49 | 2 | E | 8 | c | 6 | ? | ? | 0.20 | | |
| Skagen (The Skaw) | 29.47 | 48 | ESE | 5 | c | 29.34 | — | 36 | 48 | 1 | SSE | 7 | r | 4 | 48 | 45 | 0.16 | | |
| Fanö | 29.28 | 47 | SSE | 6 | c | 29.04 | — | 37 | 51 | 7 | WSW | 8 | c | * | ? | 45 | 0.35 | | |
| Cuxhaven | 29.42 | 2 | S | 6 | r | 29.37 | — | 32 | 37 | 5 | NNW | 7 | c | * | 30 | 27 | 0.22 | | |
| †Sumburgh Head | 29.27 | 49 | SE | 3 | c | 29.33 | — | 36 | 47 | 0 | E | 1 | c | 3 | 52 | 43 | 0.11 | | |
| †Stornoway | 29.28 | 45 | WSW | 2 | r | 29.38 | — | 35 | 35 | 10 | NNW | 2 | b | 2 | 51 | 34 | 0.42 | | |
| Wick | 29.25 | 36 | Z | 0 | bc | 29.36 | — | 35 | 42 | 4 | NN | 2 | c | 3 | 51 | 39 | — | | |
| Nairn | 29.26 | 40 | Z | 0 | b | 29.37 | — | 31 | 42 | 6 | Z | 0 | c | 1 | 48 | 36 | — | | |
| †Aberdeen | 29.25 | 46 | Z | 0 | bm | 29.35 | — | 35 | 44 | 9 | NN | 3 | c | 6 | 52 | 36 | 0.03 | | |
| Leith | 29.27 | 45 | W | 1 | b | 29.38 | — | 36 | 40 | 0 | W | 1 | bc | * | 50 | 39 | — | | |
| †Shields | 29.19 | 45 | NNW | 4 | r | 29.40 | — | 36 | 41 | 4 | NN | 3 | bc | 3 | 45 | 37 | 0.09 | | |
| Spurn Head | 28.92 | 43 | NNW | 9 | r | 29.42 | — | 34 | 44 | 0 | WSW | 5 | b | 3 | 47 | 41 | 0.90 | | |
| York | 29.15 | 45 | NN | 3 | b | 29.44 | — | 38 | 40 | 0 | W | 1 | b | * | 46 | 38 | 0.75 | | |
| Loughborough | 29.26 | 42 | NNW | 6 | c | 29.32 | — | 38 | 38 | 3 | Z | 0 | bm | * | 43 | 33 | 1.31 | | |
| †Ardrossan | 29.29 | 44 | Z | 0 | bc | 29.42 | — | 32 | 39 | 6 | Z | 0 | bm | 0 | 53 | 37 | 0.15 | | |
| †Mullaghmore | 29.35 | 48 | WSW | 5 | op | 29.4 | — | 37 | 41 | 2 | N | 1 | c | 3 | 52 | 40 | 0.02 | | |
| Donaghadee | 29.33 | 40 | NN | 2 | bc | 29.45 | — | 35 | 36 | 2 | WSW | 3 | b | 1 | 51 | 33 | — | | |
| Parsonstown | 29.42 | 43 | Z | 0 | b | 29.49 | — | 31 | 30 | 2 | Z | 0 | bc | * | 51 | 30 | 0.01 | | |
| Barrow-in-Furness | 29.27 | 47 | NN | 3 | c | 29.43 | — | 33 | 47 | 2 | NN | 3 | bc | 4 | 49 | 40 | 0.03 | | |
| †Holyhead | 29.37 | 48 | NNW | 4 | bc | 29.47 | — | 39 | 47 | 2 | WSW | 1 | c | 0 | 49 | 44 | 0.24 | | |
| Liverpool (Bidston) | 29.29 | 47 | NN | 3 | c | 29.47 | — | 35 | 44 | 1 | WSW | 2 | b | 2 | 45 | 42 | 0.27 | | |
| †Valencia | 29.45 | 46 | SW | 3 | c | 29.49 | — | 32 | 46 | 1 | ESE | 3 | bc | 3 | 58 | 38 | 0.11 | | |
| Roche's Point | 29.41 | 47 | W | 3 | bc | 29.49 | — | 34 | 41 | 1 | NNW | 3 | b | 3 | 54 | 39 | 0.22 | | |
| Pembroke | 29.40 | 52 | NNW | 4 | bc | 29.48 | — | 32 | 45 | 1 | E | 2 | bc | 3 | 52 | 44 | 0.25 | | |
| †Scilly | 29.49 | 52 | W | 5 | c | 29.52 | — | 30 | 49 | 2 | WSW | 4 | cp | 5 | 52 | 45 | 0.57 | | |
| Prawle Point | 29.49 | 49 | WSW | 7 | bc | 29.58 | — | 35 | 46 | 5 | WSW | 4 | c | 5 | 53 | 38 | 0.26 | | |
| Hurst Castle | 29.46 | 50 | NNW | 6 | b | 29.55 | — | 35 | 48 | 7 | WSW | 2 | c | 3 | 57 | 41 | 0.09 | | |
| †Dover | 29.36 | 47 | W | 7 | bc | 29.57 | — | 31 | 48 | 2 | WSW | 3 | op | 3 | 56 | 44 | 0.26 | | |
| †London | 29.39 | 44 | NNW | 5 | bc | 29.50 | — | 37 | 41 | 5 | SSW | 1 | c | * | 56 | 36 | 0.32 | | |
| Oxford | 29.43 | 44 | W | 4 | b | 29.55 | — | 38 | 38 | 6 | SSE | 1 | b | * | 45 | 35 | 0.99 | | |
| Cambridge | 29.46 | 40 | NNW | 4 | r | 29.55 | — | 40 | 40 | 5 | S | 1 | bc | * | 35 | 34 | 0.86 | | |
| †Yarmouth | 28.97 | 42 | W | 8 | r | 29.38 | — | 30 | 42 | 8 | WSW | 2 | bc | 3 | 50 | 36 | 1.05 | | |
| The Helder | | | | | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.58 | 51 | WSW | 11 | bc | 29.60 | — | 38 | 48 | 2 | SW | 1 | r | 4 | 55 | 45 | 0.98 | | |
| †Jersey | 29.58 | 51 | W | 7 | bc | 29.60 | — | 40 | 50 | 7 | WSW | 5 | cp | 5 | 57 | 47 | 0.25 | | |
| Brest | 29.63 | 53 | W | 7 | bc | 29.61 | — | 35 | 50 | 2 | WSW | 5 | c | 4 | ? | 48 | 0.08 | | |
| Lorient | 29.64 | 53 | NNW | 8 | r | 29.60 | — | 30 | 50 | 9 | W | 4 | c | 4 | 59 | 43 | 0.24 | | |
| †Rochefort | 29.76 | 57 | NNW | 8 | bc | 29.72 | — | 32 | 55 | 2 | SW | 7 | c | 2 | 63 | 45 | 0.28 | | |
| Biarritz | 29.93 | 55 | SW | 5 | c | 29.74 | — | 38 | 49 | 15 | SE | 4 | b | 4 | 66 | 48 | 0.16 | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels | * | * | * | * | * | 29.67 | — | 37 | 45 | 3 | SSW | 4 | b | * | 55 | 40 | 0.04 | | |
| Charleville | 28.89 | 51 | SE | 5 | bc | 29.73 | — | 33 | 41 | 7 | SE | ? | ? | * | 53 | 50 | 0.20 | | |
| Paris | 29.65 | 52 | SW | 7 | b | 29.75 | — | 38 | 45 | 8 | E | 1 | bc | * | * | * | 0.04 | | |
| Lyons | 29.74 | 58 | S | 3 | c | 29.91 | — | 32 | 48 | 1 | NN | 1 | cp | * | 63 | 47 | 0.04 | | |
| Toulon | 29.93 | 60 | SSW | 4 | m | 29.87 | — | 37 | 57 | 1 | Z | 0 | c | 5 | 53 | 55 | ? | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.93 | 42 | W | 2 | c | 28.92 | — | 37 | 37 | 3 | W | 1 | b | * | 42 | 38 | 0.06 | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|---|----|----|---|---|---|---|---|----|----|------|
| Hawes Junction | 29.53 | 42 | W | 2 | c | 29.42 | — | 37 | 37 | 3 | W | 1 | b | * | 42 | 38 | 0.06 |
|----------------|-------|----|---|---|---|-------|---|----|----|---|---|---|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | |
|---------------|-------|------|------|-------|------|------|----------------------|-------|------|------|-------|------|------|---|
| Skudesnaes | | | | | | | Valencia | 29.41 | 54 | 51 | W | 4 | bc | 4 |
| Sumburgh Head | 29.23 | 50 | 47 | SE | 4 | c | Scilly | 29.46 | 50 | 50 | W | 6 | c | 6 |
| Stornoway | 29.24 | 50 | 49 | SSE | 3 | c | Dover | 29.14 | 47 | 43 | WSW | 8 | bc | 6 |
| Aberdeen | 29.26 | 48 | 45 | SSW | 1 | b | London | 29.41 | 44 | 42 | W | 8 | c | 5 |
| Shields | 29.08 | 47 | 45 | N | 3 | c | Yarmouth | 28.78 | 49 | 47 | SSW | 7 | cp | 5 |
| Ardrossan | 29.26 | 52 | 51 | Z | 0 | bc | Jersey | 29.49 | 52 | 48 | W | 8 | bc | 7 |
| Mullaghmore | 29.19 | 50 | 47 | WSW | 4 | bc | Rochefort | 29.72 | 59 | 54 | WSW | 9 | c | 7 |
| Holyhead | 29.25 | 48 | 46 | W | 4 | p | Ben Nevis (4406 ft.) | 29.79 | 30 | 30 | S | 2 | f | |
| | | | | | | | Sam. on 24th. | | | | | | | |

The depression of this morning has travelled quickly NE^W and a rapid recovery of pressure is now in progress over the S. of England, where also the wind has risen to W. with a slight improvement in the weather.

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 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, 26TH OCTOBER.

1882

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.)

WEATHER CHARTS

for 8 a.m. on Thursday, 26th OCTOBER 1882

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.

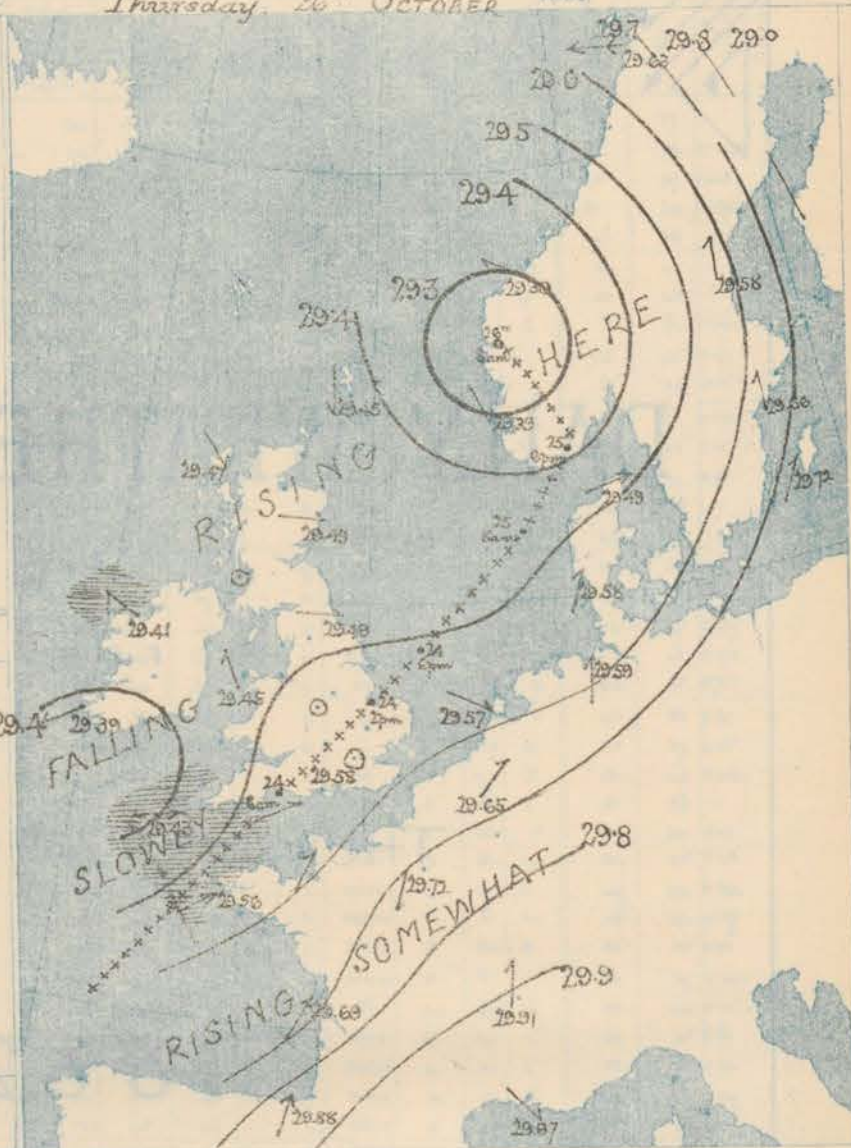
Wind. Arrows show the prevalent winds. They fly with the wind, and their barbs and feathers refer to force, thus:
→ forces above 10; → forces 8 to 10
→ forces 5 to 7; → forces 1 to 4;
○ = dead calm.

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

MEAN* HEIGHT of the BAROMETER for the month of October.

| Stations. | Mean Readings In. |
|-------------|----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greencastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.891 |

* These means are for the 10 years 1866-76.
A more complete set of mean values is in course of preparation.



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.

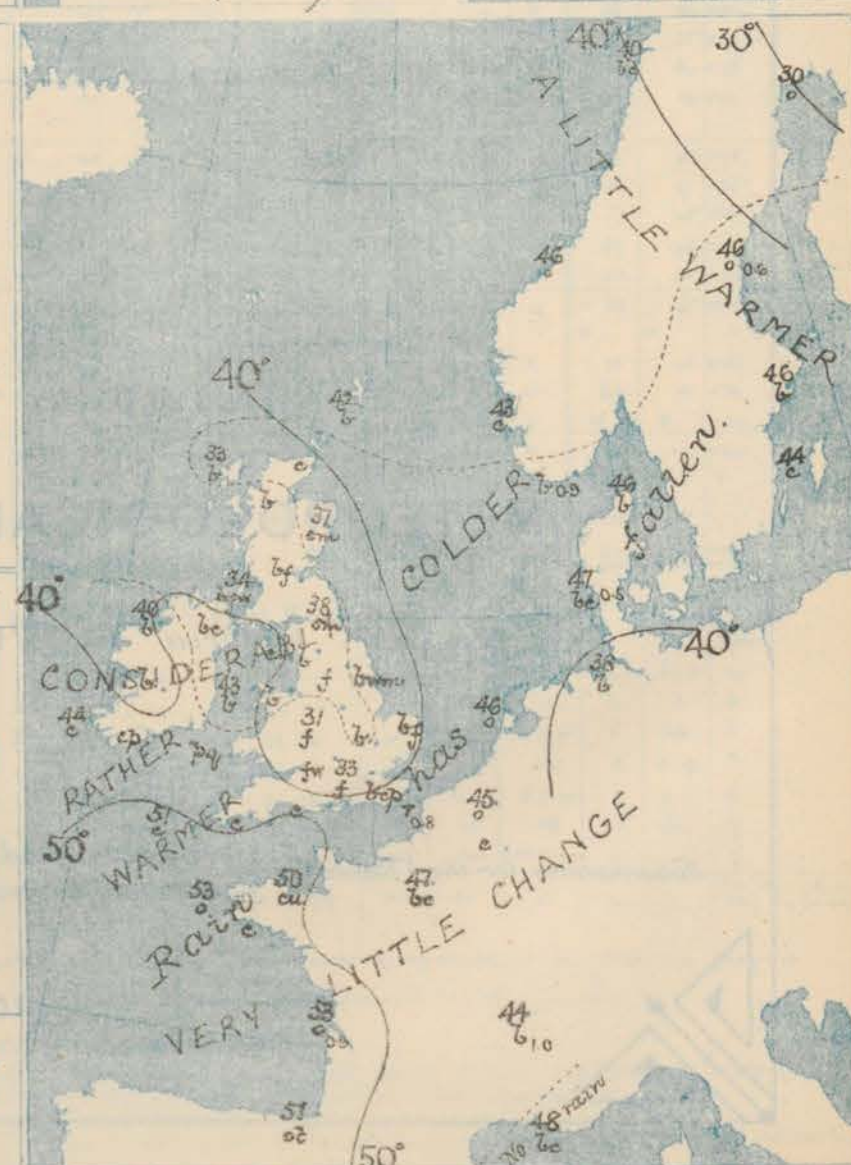
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none.

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

MEANS* OF TEMPERATURE AND RAINFALL. for the month of October.

| Stations | Temp. | Rain-fall ins. |
|-------------------|-------|-------------------|
| Sumburgh Head | 46.4 | 2.64 |
| Sternoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.29 |
| Shields | 49.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 50.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Thursday -- 26th OCT. 1882. at 8 a.m.

The recovery of pressure noticed over our Islands yesterday continues at all the more northern and eastern stations, but in the west a new decrease has set in, and a depression (which is at present of little depth) is advancing towards our south-west coast. The deep depression of Tuesday has reached Central Norway and appears to be filling up. Light NW^{ly} airs continue to prevail over Scotland, and light or moderate SW^{ly} breezes in the south of England, but at Valencia and Roches Point the wind is ENE^{ly} and in the north-west of England SE^{ly}. The weather is cloudy and showery on our SW coast, fair in most other districts, but a good deal of fog prevails over Central England. In the course of yesterday showers fell at all our Sth stations, and heavy rain in some parts of France. Temperature has risen a little in the south-west fallen several degrees elsewhere. Frost occurred at all the inland stations last night; in London the thermometer on the grass fell to 21° and at Oxford to 22°. Readings at present range from 51° at Tully to 31° at Rain and Loughborough and 30° at Parsonstown. The sea is rather rough at the entrance to the Channel, moderate or smooth elsewhere.

MAP SHOWING DISTRICTS.



FORECASTS

for the 24 hours ending at Noon
on the

27th OCTOBER.

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

DISTRICTS

FORECASTS

| | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | Light breezes, chiefly from NW. or N, fair to cloudy and unsettled. |
| 1 | SCOTLAND EAST | -----D-----D-----D----- |
| 2 | ENGLAND N.E. | S ^{ly} to variable breezes; cloudy, unsettled, some rain. |
| 3 | ENGLAND EAST | SW ^{ly} winds, moderate or fresh; fine to cloudy and showery. |
| 4 | MIDLAND COUNTIES | Same as No 2 |
| 5 | ENGLAND SOUTH | SW ^{ly} to W ^{ly} winds, freshening; fair to cloudy and showery. |

DISTRICTS

FORECASTS

| | | |
|----|---------------|---|
| 6 | SCOTLAND WEST | Variable airs; fair but foggy. |
| 7 | ENGLAND N.W. | SE ^{ly} winds, shifting to N., light; fine to cloudy and rainy. |
| 8 | ENGLAND S.W. | SW ^{ly} to W ^{ly} winds, fresh or strong; cloudy, showery. |
| 9 | IRELAND NORTH | Light variable breezes; fair generally. |
| 10 | IRELAND SOUTH | NE ^{ly} to N ^{ly} breezes, light; cloudy and showery to fair. |

WARNINGS

None issued

METEOROLOGICAL OBSERVATIONS FOR

26th OCT

1882

| + YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | LAST 24 HOURS. | | | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------------|----------------|------|------|---------------------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sun. (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). | | Weather. | Max. | Min. | Amount of Rainfall. | |
| Haparanda | 29.55 | 51 | E | 2 | 0 | 29.46 | - 0.14 | 30 | 30 | 0 | E | 2 | 0 | 0 | 32 | 27 | - | |
| Hernösand | 29.71 | 41 | ESE | 6 | A | 29.68 | - 0.23 | 46 | 45 | + 3 | S | 3 | 0 | 0 | 46 | 27 | 0.63 | |
| Stockholm | 29.61 | 46 | S | 2 | A | 29.66 | - 0.08 | 46 | 44 | + 2 | S | 2 | 0 | 0 | 46 | 41 | 0.24 | |
| Wisby | 29.68 | 47 | S | 6 | B | 29.72 | + 0.02 | 44 | 44 | - 1 | SSW | 4 | 0 | 0 | 50 | 41 | 0.16 | |
| Bodö | 29.73 | 41 | E | 2 | 0 | 29.63 | - 0.13 | 40 | 38 | + 1 | E | 8 | 0 | 4 | 41 | 36 | - | |
| Christiansund | 29.35 | 46 | ESE | 3 | B | 29.30 | - 0.19 | 46 | 42 | + 2 | ESE | 3 | 0 | 2 | 52 | 41 | - | |
| †Skudesnäs | 29.23 | 48 | NNW | 2 | B | 29.39 | + 0.17 | 43 | 41 | - 7 | NNW | 2 | 0 | 3 | 55 | 2 | - | |
| Oxö (Ålön) | 29.09 | 44 | SW | 6 | A | 29.41 | + 0.31 | 48 | 46 | - 1 | SW | 4 | 0 | 3 | 5 | 43 | 1.84 | |
| Skagen (The Skaw) | 29.25 | 48 | SSE | 0 | 0 | 29.49 | + 0.25 | 46 | 45 | - 2 | WSW | 5 | 0 | 4 | 52 | 41 | 0.39 | |
| Faro | 29.50 | 50 | WSW | 6 | B | 29.58 | + 0.57 | 47 | 46 | - 4 | SSW | 2 | 0 | 0 | 53 | 46 | 0.51 | |
| Cuxhaven | 29.32 | ? | SW | 3 | 6 | 29.39 | + 0.22 | 38 | 38 | 0 | S | 2 | 0 | 0 | 50 | 37 | - | |
| †Sumburgh Head | 29.27 | 45 | NE | 1 | B | 29.45 | + 0.12 | 42 | 40 | - 5 | N | 2 | 0 | 3 | 52 | 40 | - | |
| †Stornoway | 29.45 | 42 | NW | 1 | B | 29.47 | + 0.09 | 33 | 33 | - 2 | NW | 1 | 0 | 0 | 54 | 32 | 0.14 | |
| Wick | 29.41 | 39 | NW | 2 | 0 | 29.41 | + 0.05 | 39 | 38 | - 3 | NW | 2 | 0 | 4 | 48 | 35 | 0.15 | |
| Nairn | 29.44 | 45 | Z | 0 | B | 29.47 | + 0.10 | 31 | 31 | - 11 | WZW | 1 | 0 | 1 | 49 | 31 | - | |
| †Aberdeen | 29.43 | 46 | NW | 3 | 0 | 29.49 | + 0.14 | 37 | 36 | - 7 | W | 1 | 0 | 4 | 48 | 35 | 0.01 | |
| Leith | 29.47 | ? | NW | 1 | B | 29.46 | + 0.08 | 30 | 30 | - 10 | NW | 1 | 0 | 0 | 52 | 29 | - | |
| †Shields | 29.48 | 47 | NW | 1 | B | 29.49 | + 0.09 | 38 | 36 | - 3 | W | 1 | 0 | 3 | 51 | 34 | - | |
| Spurn Head | 29.50 | 48 | SW | 3 | 0 | 29.51 | + 0.09 | 42 | 41 | - 2 | SW | 1 | 0 | 1 | 52 | 39 | - | |
| York | 29.50 | 45 | W | 1 | 0 | 29.52 | + 0.08 | 34 | 34 | - 6 | S | 1 | 0 | 0 | 54 | 34 | - | |
| Loughborough | 29.33 | 45 | Z | 0 | 0 | 29.54 | + 0.53 | 31 | 30 | - 7 | Z | 0 | 0 | 0 | 54 | 30 | - | |
| †Ardrossan | 29.47 | 45 | Z | 0 | B | 29.47 | + 0.05 | 34 | 34 | - 5 | NE | 1 | 0 | 1 | 55 | 33 | - | |
| †Mullaghmore | 29.45 | 47 | SE | 2 | B | 29.41 | - 0.03 | 40 | 39 | - 1 | ESE | 2 | 0 | 5 | 52 | 39 | - | |
| Donaghadee | 29.49 | 40 | WSW | 3 | 0 | 29.44 | - 0.01 | 44 | 43 | + 8 | SW | 2 | 0 | 0 | 53 | 35 | 0.17 | |
| Parsonstown | 29.50 | 44 | SW | 1 | 0 | 29.43 | - 0.06 | 30 | 29 | - 2 | Z | 0 | 0 | 0 | 49 | 29 | 0.03 | |
| Barrow-in-Furness | 29.51 | 47 | N | 2 | 6 | 29.48 | + 0.05 | 42 | 41 | - 5 | SE | 3 | 0 | 2 | 55 | 41 | 0.16 | |
| †Holyhead | 29.49 | 46 | WSW | 1 | A | 29.45 | - 0.02 | 43 | 42 | - 4 | SSE | 2 | 0 | 1 | 50 | 41 | 0.39 | |
| Liverpool (Midston) | 29.50 | 49 | SSW | 2 | A | 29.48 | + 0.01 | 37 | 36 | - 7 | SSE | 2 | 0 | 2 | 53 | 35 | 0.01 | |
| †Valencia | 29.48 | 47 | SE | 2 | B | 29.39 | - 0.10 | 44 | 43 | - 2 | ESE | 1 | 0 | 2 | 52 | 42 | 0.39 | |
| Roche's Point | 29.50 | 48 | NNW | 3 | B | 29.38 | - 0.11 | 45 | 45 | + 4 | ESE | 2 | 0 | 3 | 51 | 38 | 0.28 | |
| Pembroke | 29.51 | 48 | NNW | 2 | 0 | 29.42 | - 0.06 | 49 | 46 | + 4 | ESE | 4 | 0 | 3 | 50 | 43 | 0.26 | |
| †Scilly | 29.54 | 47 | WSW | 3 | 0 | 29.43 | - 0.09 | 51 | 49 | + 2 | W | 5 | 0 | 5 | 44 | 46 | 0.12 | |
| Prawle Point | 29.58 | 45 | NNW | 3 | 0 | 29.50 | - 0.05 | 49 | 45 | + 3 | SW | 4 | 0 | 5 | 53 | 42 | 0.22 | |
| Hurst Castle | 29.57 | 49 | W | 2 | B | 29.54 | - 0.01 | 50 | 46 | + 2 | WSW | 3 | 0 | 2 | 55 | 41 | 0.31 | |
| †Dover | 29.59 | 48 | N | 4 | B | 29.58 | + 0.01 | 48 | 46 | 0 | SW | 3 | 0 | 2 | 53 | 43 | 0.08 | |
| †London | 29.58 | 44 | SW | 1 | B | 29.58 | + 0.02 | 35 | 33 | - 8 | Z | 0 | 0 | 0 | 54 | 31 | 0.01 | |
| Oxford | 29.56 | 44 | W | 1 | B | 29.57 | + 0.02 | 32 | 32 | - 6 | Z | 0 | 0 | 0 | 52 | 32 | 0.01 | |
| Cambridge | 29.54 | 44 | Z | 0 | B | 29.56 | + 0.01 | 33 | 32 | - 7 | SW | 1 | 0 | 0 | 52 | 29 | - | |
| †Yarmouth | 29.55 | 47 | SW | 1 | B | 29.57 | + 0.06 | 34 | 38 | - 3 | W | 2 | 0 | 3 | 50 | 36 | - | |
| The Heider | 29.60 | 47 | SSW | 1 | 0 | 29.57 | - 0.03 | 46 | 45 | - 1 | WSW | 1 | 0 | 0 | 52 | 45 | 0.20 | |
| Cape Gris Nez | 29.60 | 51 | SW | 5 | 0 | 29.62 | + 0.02 | 45 | 44 | 0 | SSW | 5 | 0 | 3 | 55 | 45 | 0.49 | |
| †Jersey | 29.51 | 50 | WSW | 4 | B | 29.57 | - 0.03 | 50 | 48 | 0 | SW | 4 | 0 | 4 | 55 | 45 | 0.02 | |
| Brest | 29.05 | 50 | N | 4 | 0 | 29.56 | - 0.05 | 53 | 48 | + 3 | WSW | 5 | 0 | 5 | 54 | 46 | 0.12 | |
| Lorient | 29.60 | 51 | WSW | 5 | 0 | 29.56 | - 0.04 | 51 | 46 | + 1 | W | 5 | 0 | 4 | 54 | 45 | 0.20 | |
| †Rochefort | 29.65 | 54 | W | 8 | 0 | 29.60 | - 0.03 | 53 | 50 | - 2 | SW | 7 | 0 | 4 | 59 | 45 | 0.91 | |
| Biarritz | 29.85 | 55 | W | 7 | 0 | 29.88 | + 0.04 | 51 | 47 | + 2 | SSW | 5 | 0 | 4 | 61 | 45 | 0.12 | |
| Corunna | 29.85 | 55 | W | 7 | 0 | 29.88 | + 0.04 | 51 | 47 | + 2 | SSW | 5 | 0 | 4 | 61 | 45 | 0.12 | |
| Brussels | 29.85 | 55 | W | 7 | 0 | 29.88 | + 0.04 | 51 | 47 | + 2 | SSW | 5 | 0 | 4 | 61 | 45 | 0.12 | |
| Charleville | 29.85 | 55 | W | 7 | 0 | 29.88 | + 0.04 | 51 | 47 | + 2 | SSW | 5 | 0 | 4 | 61 | 45 | 0.12 | |
| Paris | 29.85 | 55 | W | 7 | 0 | 29.88 | + 0.04 | 51 | 47 | + 2 | SSW | 5 | 0 | 4 | 61 | 45 | 0.12 | |
| Lyons | 29.85 | 55 | W | 7 | 0 | 29.88 | + 0.04 | 51 | 47 | + 2 | SSW | 5 | 0 | 4 | 61 | 45 | 0.12 | |
| Toulon | 29.85 | 55 | W | 7 | 0 | 29.88 | + 0.04 | 51 | 47 | + 2 | SSW | 5 | 0 | 4 | 61 | 45 | 0.12 | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.28 | 36 | SE | 1 | 6 | 28.24 | + 0.05 | 32 | 32 | - 5 | NE | 1 | 0 | 0 | 47 | 31 | - | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | | | |
|----------------|-------|----|----|---|---|-------|--------|----|----|-----|----|---|---|---|----|----|---|
| Hawes Junction | 29.78 | 56 | SE | 1 | 6 | 29.74 | + 0.05 | 32 | 32 | - 5 | NE | 1 | 0 | 0 | 47 | 31 | - |
|----------------|-------|----|----|---|---|-------|--------|----|----|-----|----|---|---|---|----|----|---|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sun. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sun. | |
|-------------------|-------|------|------|-------|------|------|---------------------|-------|------|------|-------|------|--------|------|
| Skudesnæs ... | 29.21 | 45 | 45 | NNE | 6 | 0 | Valencia ... | 29.50 | 48 | 46 | WSW | 1 | ch. p. | 2 |
| Sumburgh Head ... | 29.26 | 50 | 46 | NE | 2 | 6 | Scilly ... | 29.54 | 53 | 50 | WSW | 3 | 0 | 4 |
| Stornoway ... | 29.46 | 52 | 49 | SSE | 2 | 6 | Dover ... | 29.59 | 52 | 50 | WSW | 3 | 0 | 3 |
| Aberdeen ... | 29.41 | 48 | 46 | NW | 4 | 0 | London ... | 29.58 | 51 | 49 | WSW | 2 | 0 | 0 |
| Shields ... | 29.45 | 49 | 44 | NW | 3 | 0 | Yarmouth ... | 29.54 | 50 | 47 | WSW | 2 | 0 | 2 |
| Ardrossan ... | 29.45 | 51 | 50 | W | 0 | 0 | Jersey ... | 29.59 | 51 | 48 | W | 4 | 0 | 4 |
| Mullaghmore ... | 29.46 | 50 | 48 | SW | 3 | 0 | Rochefort ... | 29.64 | 54 | 51 | WSW | 8 | 0 | 4 |
| Holyhead ... | 29.44 | 48 | 46 | WSW | 2 | 0 | Don't see (1700 ft) | 29.91 | 27 | 27 | NNE | 2 | 0 | 2 |
| | | | | | | | Don't see (250 ft) | | | | | | 26 | 0-00 |

The barometer continues to rise slowly in all parts of our islands, but is falling at Little at Rochefort. The winds are not much changed excepting at Stornoway, where they have shifted from WNW to SSE, and at Valencia where the E breeze has given place to a light air from the N. In the S. of England the weather has become showery.

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

FRIDAY 27th OCTOBER,

1882

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
Do Do Bookpost 5^s 10^s

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on FRIDAY, 27th OCTOBER.

1882

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.

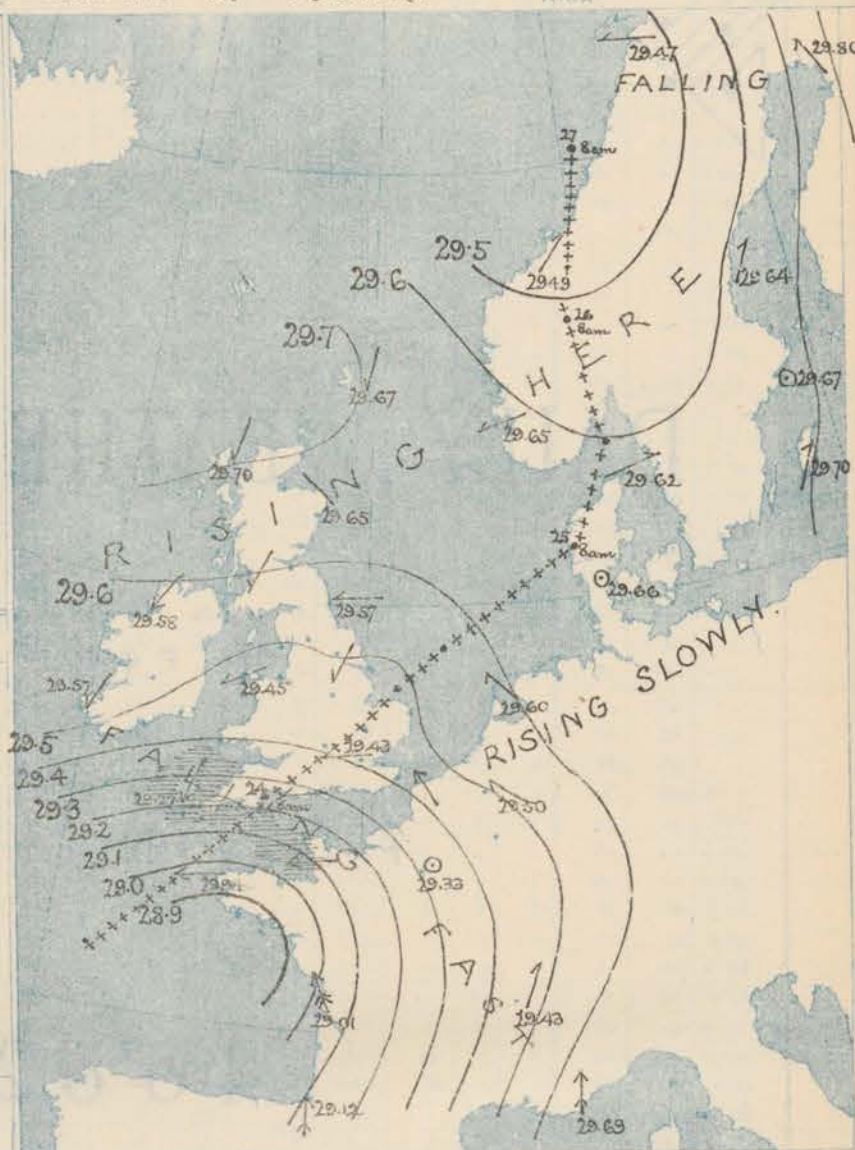
Sea Disturbance, where considerable, is shown by shading round the coast; thus — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings In. |
|--------------|----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenacastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



REMARKS

for Friday 27th OCT^r 1882 at 8 a.m.

In the course of the past night a very deep depression has appeared over the N.W. of France. The barometer is as low as 28.82 ins: at Lorient, and is falling over the whole of France and the Channel, while the wind has increased to a violent gale from SSE. at Rochefort and to a strong breeze from E. on the Channel coast, with rain and mist in many places. In the W. and N. of our Islands the mercury is rising, with fresh NE^{ly} winds in Ireland, light N^{ly} air in Scotland and fair weather generally. Large amounts of rain have again been measured at many of our southern stations, as well as in the W. of France; at Crook Point and Brest there has been 0.7 in: at Hurst Castle 0.9 in: at Rochefort 1.1 ins: and at Lorient 1.7 in:. Thunderstorms occurred yesterday at Litch and Donaghadee, and lightning was seen at Spurn Head and Roches P. Temperature is much higher over the midland and eastern counties than it was yesterday; readings range from 52° at Selly to 35° at Aberdeen. A slight ^{has} fog occurred in Ireland and Scotland. The sea is rough in the Bay of Biscay and western half of the Channel.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

28th OCTOBER.

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

DISTRICTS

FORECASTS

| | |
|--------------------|--|
| 1 SCOTLAND NORTH | N ^{ly} and NE ^{ly} winds, light or moderate; fair to cloudy and unsettled. |
| 2 SCOTLAND EAST | -----D°-----D°-----D°----- |
| 3 ENGLAND N.E. | E ^{ly} winds, freshening; dull, some rain. |
| 4 ENGLAND EAST | Same as No 5. |
| 5 MIDLAND COUNTIES | Same as No 5. |
| 6 ENGLAND SOUTH | E ^{ly} winds, perhaps shifting to NE. strong to a gale; dull rainy, unsettled. |

DISTRICTS

FORECASTS

| | |
|------------------|--|
| 6 SCOTLAND WEST | NE ^{ly} winds, light; fair foggy. |
| 7 ENGLAND N.W. | Same as No 2 |
| 8 ENGLAND S.W. | E ^{ly} and NE ^{ly} winds, strong to a gale; cloudy, rainy. |
| 9 IRELAND NORTH | NE ^{ly} winds, fresh or strong; cloudy, some rain. |
| 10 IRELAND SOUTH | NE ^{ly} and N ^{ly} winds, strong perhaps a gale; fair to cloudy and unsettled. |
| WARNINGS | The N. cone has been hoisted this morning in districts 3 5. 8. and 10. |

METEOROLOGICAL OBSERVATIONS FOR

27th OCTOBER. 1882

| 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 | 29.83 | 35 | E | 2 | 0 | 29.80 | - 16 | 36 | 35 | + 6 | SE | 2 | 0 | * | ? | 28 | 0.28 | | |
| Hernösand | 29.63 | 48 | S | 8 | 6c | 29.64 | + 06 | 45 | 43 | - 1 | SSW | 2 | 6c | * | 48 | 39 | - | | |
| Stockholm | 29.68 | 42 | S | 2 | 6 | 29.67 | + 01 | 38 | 37 | - 8 | Z | 0 | f | * | 50 | ? | - | | |
| Wisby | 29.68 | 44 | SSC | 2 | C | 29.70 | - 02 | 47 | 46 | + 3 | SW | 2 | 0 | * | 50 | 43 | - | | |
| Bodö | 29.57 | 40 | E | 8 | 6c | 29.47 | - 16 | 41 | 37 | + 1 | E | 4 | C | Z | 41 | 36 | - | | |
| Christiansund | 29.40 | 46 | SSW | 4 | A | 29.49 | + 19 | 44 | 41 | - 2 | SW | 4 | A | 4 | 48 | 41 | 0.47 | | |
| †Skudesnaes | 29.53 | 43 | Z | 0 | C | 29.65 | + 26 | 42 | 41 | - 1 | ENE | 2 | 0 | 2 | 54 | ? | - | | |
| Oxö (Xtiansund) | 29.56 | 43 | NNW | 2 | 6 | 29.64 | + 23 | 39 | 37 | - 9 | NNW | 2 | C | 1 | 50 | 37 | - | | |
| Skagen (The Skaw) | 29.60 | 48 | SW | 2 | 6 | 29.62 | + 13 | 45 | 43 | - 1 | WSW | 2 | m | 1 | 52 | 41 | - | | |
| Fanö | 29.58 | 46 | SSW | 3 | C | 29.66 | + 08 | 45 | 44 | - 2 | Z | 0 | 6c | * | 50 | 45 | 0.59 | | |
| Cuxhaven | | | | | | | | | | | | | | * | | | | | |
| †Sumburgh Head | 29.53 | 45 | NNE | 1 | C | 29.67 | + 22 | 42 | 40 | 0 | NNE | 2 | 6 | 2 | 50 | 39 | - | | |
| †Stornoway | 29.53 | 43 | N | 1 | 6 | 29.70 | + 23 | 40 | 39 | + 7 | NNE | 2 | 6c | 1 | 52 | 32 | - | | |
| Wick | 29.52 | 42 | SE | 2 | 6c | 29.70 | + 29 | 40 | 39 | + 1 | N | 1 | 6c | 2 | 45 | 34 | 0.15 | | |
| Nairn | 29.51 | 41 | SE | 1 | 6 | 29.66 | + 19 | 37 | 36 | + 6 | SW | 1 | 6 | 2 | 46 | 31 | 0.04 | | |
| †Aberdeen | 29.51 | 44 | NW | 1 | Am | 29.65 | + 16 | 35 | 34 | - 2 | NW | 1 | 6 | 3 | 48 | 33 | 0.07 | | |
| Leith | 29.49 | 36 | Z | 0 | 6c | 29.60 | + 14 | 45 | 44 | + 18 | NE | 2 | 6c | * | 49 | 26 | 0.02 | | |
| †Shields | 29.49 | 47 | SW | 1 | m | 29.57 | + 08 | 50 | 46 | + 12 | E | 3 | 0 | 3 | 50 | 35 | - | | |
| Spurn Head | 29.49 | 49 | SE | 3 | 6c | 29.47 | - 04 | 50 | 48 | + 8 | SE | 4 | C | 3 | 51 | 41 | 0.22 | | |
| York | 29.50 | 45 | SE | 1 | 6 | 29.52 | 00 | 44 | 43 | + 10 | NE | 1 | 0 | * | 49 | 34 | 0.11 | | |
| Loughborough | 29.46 | 44 | SSC | 1 | 0 | 29.47 | - 07 | 43 | 42 | + 12 | ENE | 1 | ogm | * | 53 | 31 | 0.05 | | |
| †Ardrossan | 29.46 | 44 | NE | 1 | 6f | 29.61 | + 14 | 39 | 39 | + 5 | NE | 2 | 6wf | 1 | 49 | 32 | - | | |
| †Mullaghmore | 29.39 | 47 | SSC | 4 | 6 | 29.58 | + 17 | 47 | 45 | + 7 | NE | 5 | cmg | 4 | 49 | 40 | - | | |
| Donaghadee | 29.42 | 49 | SE | 3 | C | 29.37 | + 13 | 47 | 45 | + 3 | ENE | 6 | C | 4 | 52 | 43 | 0.23 | | |
| Parsonstown | 29.37 | 42 | Z | 0 | 6 | 29.52 | + 09 | 41 | 40 | + 11 | N | 2 | 0 | * | 49 | 29 | - | | |
| Barrow-in-Furness | 29.43 | 45 | SSC | 3 | 0 | 29.50 | + 02 | 45 | 43 | + 3 | NNE | 3 | cm | 3 | 51 | 42 | 0.03 | | |
| †Holyhead | 29.35 | 45 | E | 4 | A | 29.45 | 00 | 46 | 45 | + 3 | ENE | 3 | m | 2 | 50 | 42 | 0.14 | | |
| Liverpool (Bidston) | 29.39 | 46 | E | 3 | 0 | 29.48 | 00 | 45 | 44 | + 8 | E | 2 | 6c | 2 | 48 | 37 | 0.01 | | |
| †Valencia | 29.32 | 48 | SSC | 1 | 0 | 29.57 | + 18 | 48 | 46 | + 4 | NNE | 4 | 6cm | 4 | 56 | 39 | 0.06 | | |
| Roche's Point | 29.35 | 46 | SSC | 3 | 6c | 29.42 | + 04 | 47 | 40 | - 3 | N | 5 | 6c | 4 | 55 | 40 | - | | |
| Pembroke | | | | | | | | | | | | | | | | | | | |
| †Scilly | 29.32 | 48 | SSW | 1 | C | 29.22 | - 21 | 52 | 50 | + 1 | NE | 6 | 0 | 6 | 55 | 47 | 0.01 | | |
| Prawle Point | 29.41 | 46 | SSW | 2 | C | 29.22 | - 28 | 48 | 48 | - 1 | ENE | 6 | 2 | 6 | 51 | 45 | 0.65 | | |
| Hurst Castle | 29.43 | 47 | WNW | 2 | A | 29.31 | - 24 | 49 | 49 | - 1 | E | 4 | nm | 3 | 53 | 46 | 0.85 | | |
| †Dover | 29.52 | 51 | SW | 5 | 6 | 29.42 | - 16 | 50 | 48 | + 2 | ESE | 5 | cp | 3 | 52 | 47 | 0.04 | | |
| †London | 29.47 | 47 | SSC | 3 | 0A | 29.43 | - 15 | 44 | 43 | + 11 | E | 2 | ofd | * | 54 | 33 | 0.20 | | |
| Oxford | 29.41 | 46 | SSC | 1 | 0 | 29.42 | - 15 | 42 | 42 | + 10 | NE | 1 | C | * | 53 | 32 | 0.18 | | |
| Cambridge | 29.45 | 44 | S | 1 | 0 | 29.47 | - 09 | 42 | 42 | + 9 | SSC | 1 | C | * | 53 | 31 | 0.06 | | |
| †Yarmouth | 29.55 | 47 | SSW | 2 | 6 | 29.54 | - 03 | 50 | 47 | + 11 | SE | 4 | 6c | 3 | 50 | 37 | 0.04 | | |
| The Helder | 29.60 | 46 | S | 1 | C | 29.60 | + 03 | 44 | 43 | - 2 | SE | 1 | 6c | 1 | 52 | 39 | 0.04 | | |
| Cape Gris Nez | 29.58 | 46 | NNW | 5 | 6 | 29.45 | - 17 | 46 | 46 | + 1 | SE | 5 | 0 | 3 | 54 | 43 | 0.43 | | |
| †Jersey | 29.46 | 50 | SSW | 3 | 6c | 29.12 | - 45 | 48 | 48 | - 2 | E | 6 | nm | 5 | 54 | 46 | 0.43 | | |
| Brest | 29.41 | 53 | S | 4 | 0 | 28.94 | - 62 | 48 | 48 | - 5 | E | 7 | 0 | 4 | 54 | 46 | 0.71 | | |
| Lorient | 29.38 | 53 | WSW | 4 | 0 | 28.82 | - 74 | 52 | 50 | + 1 | S | 5 | C | 4 | 55 | 46 | 1.70 | | |
| †Rochefort | 29.57 | 52 | SW | 4 | A | 29.01 | - 68 | 52 | 50 | - 1 | SSC | 12 | 0 | 7 | 59 | 46 | 1.14 | | |
| Biarritz | 29.65 | 59 | SSW | 4 | 0 | 29.12 | - 76 | 54 | 47 | + 3 | S | 8 | C | 4 | 62 | 45 | - | | |
| Corunna | * | * | * | * | * | | | * | | | | | | * | * | * | | | |
| Brussels | * | * | * | * | * | 29.50 | - 18 | 45 | 44 | 0 | ESE | 3 | C | * | 51 | 43 | - | | |
| Charleville | ? | 47 | SW | 4 | C | 29.31 | - 33 | 45 | 42 | - 1 | SSC | 1 | 6 | * | 57 | 44 | 0.20 | | |
| Paris | 29.54 | 50 | SW | 5 | 6c | 29.33 | - 39 | 50 | 47 | + 3 | Z | 0 | 0 | * | * | * | - | | |
| Lyons | 29.87 | 50 | S | 7 | 6c | 29.43 | - 48 | 55 | 48 | + 11 | SSW | 3 | 0 | * | 58 | ? | - | | |
| Toulon | 30.01 | 52 | SE | 2 | 6c | 29.69 | - 28 | 54 | 54 | + 6 | S | 8 | 6 | ? | ? | ? | - | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.26 | 36 | E | 1 | 6 | 28.32 | + 05 | 41 | 40 | + 9 | ENE | 3 | A | * | 48 | 32 | 0.03 | | |

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

| | | | | | | | | | | | | | | | | |
|----------------|-------|----|---|---|---|-------|------|----|----|-----|-----|---|---|----|----|------|
| Hawes Junction | 28.26 | 36 | E | 1 | 6 | 28.32 | + 05 | 41 | 40 | + 9 | ENE | 3 | A | 48 | 32 | 0.03 |
|----------------|-------|----|---|---|---|-------|------|----|----|-----|-----|---|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|-----------------|-------|------|------|-------|------|------|---|--|-------|------|-------|------|------|------|----|
| Skudesnaes ... | 29.49 | 53 | 49 | NW | 1 | c | 3 | Valencia ... | 29.34 | 54 | 50 | SW | 2 | bc | 3 |
| Sumburgh Head | 29.60 | 47 | 45 | NE | 2 | c | 2 | Scilly ... | 29.39 | 53 | 51 | WSW | 5 | bc p | 5 |
| Stornoway ... | 29.50 | 49 | 46 | E | 3 | b | 2 | Dover .. | 29.56 | 50 | 48 | SW | 4 | b | 3 |
| Aberdeen ... | 29.50 | 45 | 43 | Z | 0 | c | 3 | London ... | 29.52 | 51 | 47 | SE | 3 | bc | * |
| Shields ... | 29.48 | 50 | 44 | WSW | 2 | bc | 2 | Yarmouth ... | 29.56 | 50 | 46 | SSW | 2 | b v | 1 |
| Ardrossan ... | 29.45 | 48 | 47 | SSC | 2 | b | 1 | Jersey ... | 29.50 | 49 | 47 | WSW | 5 | c | 4 |
| Mullaghmore ... | 29.31 | 48 | 45 | SSC | 5 | b | 4 | Rochefort | 29.68 | 55 | 52 | SW | 7 | 0 | 4 |
| Holyhead ... | 29.43 | 50 | 46 | SE | 3 | c | 2 | Ben Nevis (4406 ft.) 9 a.m. - 26.0. | 24.90 | 28 | 27 | SSC | 2 | b | 29 |

The fall of the barometer in the N. continues and has extended to all our Sth and Eth stations. At Valencia the wind has shifted to Sw, and in London a SE. breeze has sprung up, but elsewhere the winds are little changed. Showers are reported from 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. 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.

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

DAILY WEATHER REPORT

FOR

SATURDAY, 28TH OCTOBER.

1882

ISSUED BY THE

METEOROLOGICAL OFFICE

116, Victoria St. LONDON.

S. W.

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D^o D^o Bookpost 5^s D^o

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on SATURDAY 28th OCTOBER.

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 wind. 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.

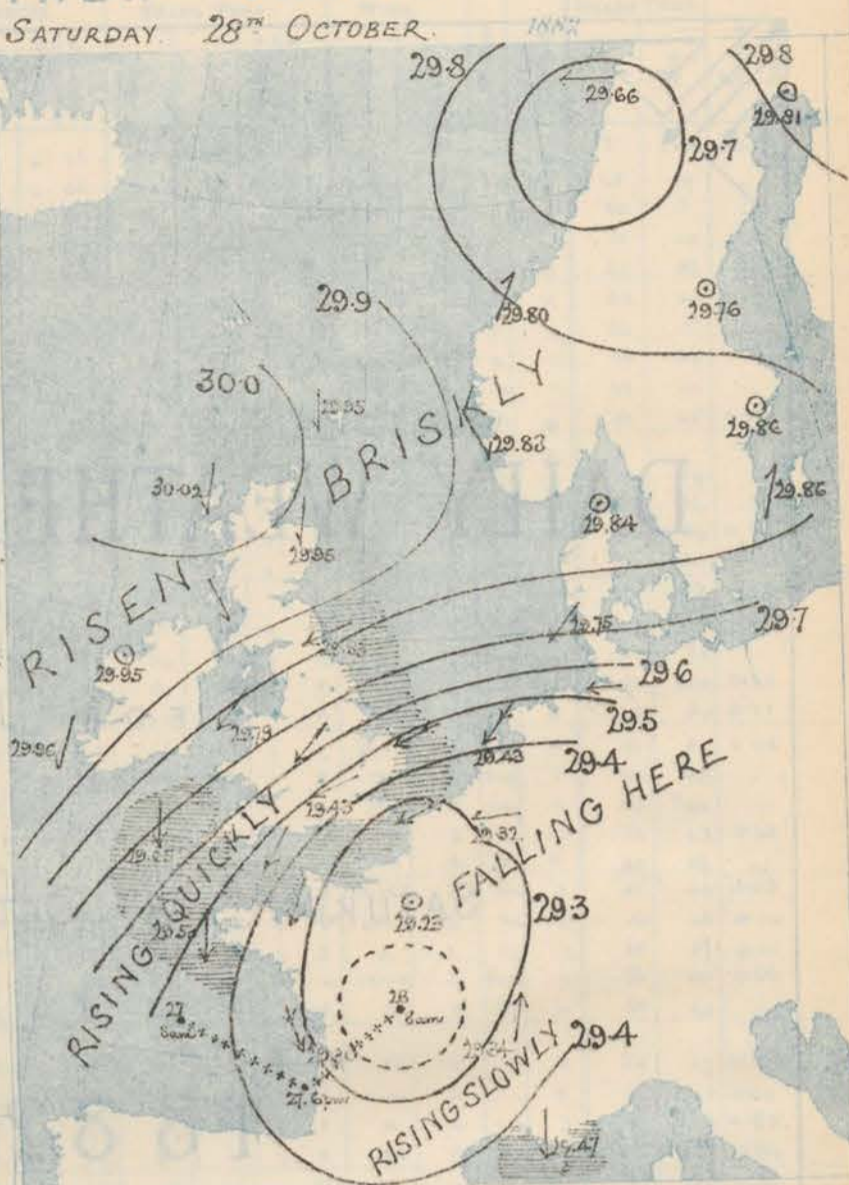
Sea Disturbance, where considerable, is shown by shading round the coast, thus: - Rough; - High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings in. |
|-------------|-------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Edinburgh | 29.792 |
| Greenwich | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.852 |
| Rochester | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Wormouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

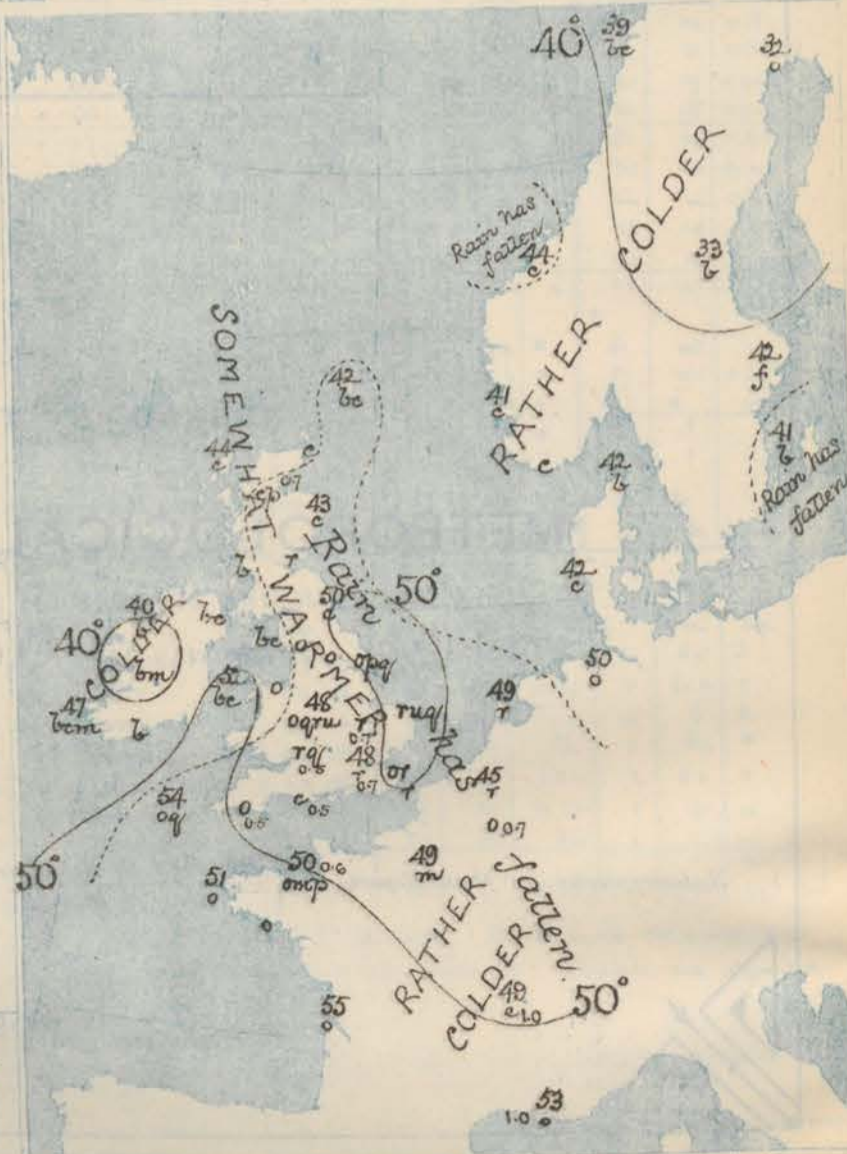
Rainfall. A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL.

for the month of October.

| Stations | Temp. | Rain-fall |
|-------------------|-------|-----------|
| | ° | ins. |
| Sunderburgh Head | 46.4 | 2.64 |
| Stornoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shields | 49.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 51.3 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.3 | 7.11 |
| Sally (St Mary's) | 50.6 | 4.00 |
| Ilfracombe | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Wormouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69; the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Saturday 28th OCT^r

1882 at 8 a.m.

The deep depression which lay over the Bay of Biscay yesterday morning has since travelled in an easterly direction, and now lies over France, apparently near the Department of Creuse. In its rear a brisk recovery of pressure has taken place on our south-west coast and in the W. of France, but in the course of the past night a subsidiary disturbance has appeared over the Netherlands, and the barometer is therefore falling on our extreme south-east coast. Light N^{ly} breezes continue in Scotland, but over England and Ireland fresh or strong breezes from NE. are reported, and on our south and south-east coast there is a moderate or fresh gale. In the west of France N^{ly} gales are blowing. In the course of the past night a whole gale from ENE. was experienced in London. At all our more western and northern stations the weather continues fair, but in the Midland and south-eastern counties of England heavy rain is still falling. Temperature has risen a little in most places, and ranges from 54° at Tully to 35° at Bournemouth. The sea is rough in the Bay of Biscay and on all our south and east coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

29th OCTOBER.

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

DISTRICTS

FORECASTS

| | |
|--------------------|--|
| 1 SCOTLAND NORTH | N ^{ly} winds, light; fair generally. |
| 2 SCOTLAND EAST | N ^{ly} and NE ^{ly} winds, freshening; cloudy, some rain. |
| 3 ENGLAND NE | NE ^{ly} winds, strong, perhaps a gale; cloudy, some rain. |
| 4 ENGLAND EAST | Same as No 5 |
| 5 MIDLAND COUNTIES | Same as No 5 |
| 6 ENGLAND SOUTH | NE ^{ly} winds, strong to a gale; dull, unsettled, rainy. |

DISTRICTS

FORECASTS

| | |
|------------------|---|
| 6 SCOTLAND WEST | N ^{ly} winds, light; fair. |
| 7 ENGLAND N.W. | NE ^{ly} winds, fresh or strong; fair generally. |
| 8 ENGLAND S.W. | NE ^{ly} and N ^{ly} winds, fresh or strong; cloudy, some rain. |
| 9 IRELAND NORTH | N ^{ly} winds, moderate or fresh; fair generally. |
| 10 IRELAND SOUTH | ---D°---D°---D°--- |

WARNINGS

The N. cone is still up in districts 3, 5, 8, and 10.

METEOROLOGICAL OBSERVATIONS FOR

28th OCT

1882

| 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 8). | 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 | 29.75 | 33 | E | 2 | 0 | 29.81 | + 0.1 | 32 | 31 | - 4 | 2 | 0 | 0 | * | 37 | 32 | - | | |
| Hernösand | 29.68 | 36 | 2 | 0 | 0 | 29.76 | + 1.2 | 33 | ? | - 12 | 2 | 0 | 0 | * | 52 | ? | - | | |
| Stockholm | 29.80 | 41 | S | 2 | 0 | 29.86 | + 1.9 | 42 | 42 | + 4 | 2 | 0 | 0 | * | 45 | 37 | - | | |
| Wisby | 29.80 | 42 | S | 2 | 0 | 29.86 | + 1.6 | 41 | 41 | - 6 | SEW | 2 | 0 | * | 50 | 41 | 0.16 | | |
| Bodo | 29.54 | 42 | E NE | 2 | 0 | 29.66 | + 1.9 | 39 | 37 | - 2 | E | 2 | 0 | * | 43 | 37 | - | | |
| Christiansund | 29.62 | 43 | SW | 5 | 0 | 29.80 | + 3.1 | 44 | 42 | - 0 | SW | 3 | 0 | ? | ? | ? | 0.43 | | |
| † Skudesnaes | 29.80 | 41 | 2 | 0 | 0 | 29.88 | + 2.3 | 41 | 40 | - 1 | NNW | 2 | 0 | 2 | ? | 41 | - | | |
| Oxo (Xiansund) | 29.76 | 40 | N | 1 | 0 | 29.84 | + 2.0 | 38 | 36 | - 1 | NNW | 4 | 0 | 1 | 52 | 37 | - | | |
| Skagen (The Skaw) | 29.78 | 44 | 2 | 0 | 0 | 29.84 | + 2.2 | 42 | 41 | - 3 | 2 | 0 | 0 | 0 | 48 | 37 | - | | |
| Fano | 29.78 | 42 | E NE | 4 | 0 | 29.75 | + 0.9 | 42 | 42 | - 3 | NE | 4 | 0 | * | 50 | 41 | - | | |
| Cuxhaven | 29.66 | ? | E SE | 2 | 0 | 29.60 | - 0.5 | 50 | 49 | - 1 | 2 | 6 | 0 | * | ? | 34 | - | | |
| † Sumburgh Head | 29.81 | 43 | N | 2 | 0 | 29.95 | + 2.8 | 42 | 39 | - 0 | N | 3 | 0 | 2 | 49 | 37 | 0.02 | | |
| † Stornoway | 29.84 | 44 | N | 2 | 0 | 30.02 | + 3.2 | 44 | 42 | + 4 | N | 3 | 0 | 2 | 49 | 37 | - | | |
| Wick | 29.79 | 44 | N | 2 | 0 | 30.02 | + 3.2 | 41 | 39 | + 1 | N | 2 | 0 | 2 | 51 | 32 | - | | |
| Nairn | 29.81 | 43 | SE | 1 | 0 | 30.00 | + 3.4 | 41 | 39 | + 4 | SE | 1 | 0 | 1 | 46 | 36 | 0.69 | | |
| † Aberdeen | 29.80 | 44 | N | 2 | 0 | 29.98 | + 3.0 | 43 | 41 | + 8 | N | 3 | 0 | 3 | 51 | 34 | 0.06 | | |
| Leith | 29.76 | 50 | N | 1 | 0 | 29.92 | + 3.2 | 45 | 43 | - 0 | NE | 3 | 0 | * | 51 | 29 | 0.08 | | |
| † Shields | 29.68 | 51 | E NE | 3 | 0 | 29.83 | + 1.6 | 50 | 46 | - 0 | E NE | 6 | 0 | 6 | 51 | 45 | 0.05 | | |
| Spurn Head | 29.63 | 51 | E NE | 5 | 0 | 29.62 | - 0.1 | 51 | 48 | + 1 | E NE | 7 | 0 | 6 | 53 | 49 | 0.28 | | |
| Yark | 29.61 | 48 | NE | 1 | 0 | 29.73 | + 2.1 | 47 | 45 | + 3 | E NE | 2 | 0 | * | 53 | 44 | 0.30 | | |
| Loughborough | 29.51 | 48 | E NE | 3 | 0 | 29.60 | + 1.3 | 48 | 46 | + 5 | E NE | 6 | 0 | * | 52 | 42 | 0.24 | | |
| † Ardrossan | 29.76 | 44 | 2 | 0 | 0 | 29.94 | + 3.3 | 42 | 42 | + 3 | NNW | 1 | 0 | 1 | 49 | 38 | - | | |
| † Mullaghmore | 29.75 | 49 | E NE | 5 | 0 | 29.95 | + 3.7 | 40 | 39 | - 7 | SW | 1 | 0 | 2 | 50 | 38 | - | | |
| Donaghadee | 29.71 | 50 | NE | 6 | 0 | 29.90 | + 3.3 | 47 | 45 | - 0 | NE | 6 | 0 | 4 | 51 | 46 | - | | |
| Parsonstown | 29.71 | 44 | N | 1 | 0 | 29.94 | + 4.1 | 35 | 34 | - 6 | N | 1 | 0 | * | 50 | 33 | - | | |
| Barrow-in-Furness | 29.63 | 47 | NE | 4 | 0 | 29.78 | + 2.8 | 47 | 44 | + 2 | E NE | 3 | 0 | 2 | 52 | 45 | - | | |
| † Holyhead | 29.61 | 50 | E NE | 4 | 0 | 29.79 | + 3.4 | 52 | 48 | + 6 | NE | 6 | 0 | 5 | 52 | 45 | - | | |
| Liverpool (Bidston) | 29.58 | 48 | NE | 2 | 0 | 29.76 | + 2.8 | 47 | 45 | + 2 | E NE | 3 | 0 | 3 | 50 | 45 | - | | |
| † Valencia | 29.74 | 49 | N | 3 | 0 | 29.96 | + 3.9 | 47 | 46 | - 1 | E NE | 2 | 0 | 3 | 52 | 43 | - | | |
| Roche's Point | 29.60 | 43 | E NE | 5 | 0 | 29.87 | + 4.5 | 43 | 43 | + 3 | N | 4 | 0 | 4 | 53 | 42 | - | | |
| Pembroke | | | | | | | | | | | | | | | | | | | |
| † Scilly | 29.44 | 53 | N | 8 | 0 | 29.65 | + 4.3 | 54 | 52 | + 2 | N | 7 | 0 | 6 | 54 | 49 | 0.20 | | |
| Prawle Point | 29.37 | 48 | NE | 7 | 0 | 29.64 | + 3.2 | 47 | 46 | - 1 | E NE | 4 | 0 | 4 | 50 | 45 | 0.51 | | |
| Hurst Castle | 29.32 | 50 | E NE | 5 | 0 | 29.43 | + 1.2 | 48 | 48 | - 1 | NE | 5 | 0 | 4 | 51 | 47 | 0.54 | | |
| † Dover | 29.36 | 52 | E | 6 | 0 | 29.30 | - 1.2 | 51 | 50 | + 1 | E NE | 7 | 0 | 5 | 53 | 48 | 0.32 | | |
| † London | 29.40 | 49 | E | 4 | 0 | 29.43 | - 0.0 | 48 | 47 | + 4 | E NE | 6 | 0 | * | 51 | 43 | 0.72 | | |
| Oxford | 29.44 | 48 | NE | 3 | 0 | 29.51 | + 0.9 | 48 | 47 | + 6 | N | 7 | 0 | * | 49 | 42 | 0.48 | | |
| Cambridge | 29.47 | 48 | NE | 1 | 0 | 29.49 | + 0.2 | 49 | 49 | + 7 | E NE | 2 | 0 | * | 51 | 41 | 0.67 | | |
| † Yarmouth | 29.50 | 52 | 2 | 7 | 0 | 29.46 | - 0.8 | 52 | 50 | + 2 | E NE | 8 | 0 | 6 | 52 | 48 | 0.27 | | |
| The Helder | 29.57 | 49 | E NE | 4 | 0 | 29.43 | - 1.7 | 49 | 47 | + 5 | NE | 8 | 0 | 4 | 50 | 43 | - | | |
| Cape Gris Nez | 29.54 | 50 | E NE | 7 | 0 | 29.29 | - 1.6 | 47 | 47 | + 1 | E NE | 8 | 0 | 5 | 52 | 45 | 0.28 | | |
| † Jersey | 29.21 | 50 | NE | 3 | 0 | 29.37 | + 2.5 | 50 | 49 | + 2 | E NE | 7 | 0 | 5 | 52 | 47 | 0.59 | | |
| Brest | 29.31 | 50 | N | 4 | 0 | 29.53 | + 3.9 | 51 | 47 | + 3 | N | 7 | 0 | 5 | 55 | 46 | 0.28 | | |
| Lorient | 29.17 | 52 | WSW | 7 | 0 | 29.37 | + 3.5 | 52 | 50 | - 0 | N | 7 | 0 | 5 | 55 | 48 | 0.08 | | |
| † Rochefort | 28.88 | 52 | E SE | 12 | 0 | 29.30 | + 2.9 | 55 | 53 | + 3 | NNW | 9 | 0 | 4 | 59 | 45 | 0.55 | | |
| Biarritz | | | | | | | | | | | | | | | | | | | |
| Corunna | | | | | | | | | | | | | | | | | | | |
| Brussels | | | | | | 29.32 | - 1.8 | 45 | 44 | - 0 | E | 3 | 0 | * | 52 | 44 | 0.20 | | |
| Charleville | 29.32 | 50 | E NE | 1 | 0 | 29.27 | - 0.4 | 48 | 44 | + 3 | SE | 1 | 0 | * | 53 | 45 | 0.57 | | |
| Paris | 29.22 | 51 | E | 7 | 0 | 29.23 | - 1.0 | 49 | 48 | - 1 | 2 | 0 | * | * | * | * | 0.28 | | |
| Lyons | 29.25 | 57 | SE | 4 | 0 | 29.34 | - 0.9 | 49 | 46 | - 6 | SEW | 5 | 0 | * | 56 | 46 | 0.95 | | |
| Toulon | 29.44 | 55 | SW | 5 | 0 | 29.47 | - 2.2 | 53 | 51 | - 1 | N | 1 | 0 | 6 | 55 | ? | 1.02 | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.42 | 43 | E NE | 3 | 0 | 28.64 | + 2.2 | 43 | 41 | + 2 | NE | 4 | 0 | * | 45 | 40 | 0.22 | | |

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 | 29.73 | 49 | 46 | WSW | 2 | 2 | Valencia | 29.67 | 49 | 47 | N | omg | 4 |
| Sumburgh Head | 29.75 | 47 | 43 | N | 2 | 2 | Scilly | 29.36 | 53 | 51 | N NE | 6 | 6 |
| Stornoway | 29.79 | 47 | 45 | E | 3 | 2 | Dover | 29.35 | 51 | 50 | E SE | 5 | 4 |
| Aberdeen | 29.73 | 49 | 46 | N | 2 | 2 | London | 29.38 | 51 | 49 | E | 5 | 4 |
| Shields | 29.63 | 50 | 47 | E NE | 3 | 3 | Yarmouth | 29.48 | 52 | 49 | E | 6 | 5 |
| Ardrossan | 29.68 | 49 | 48 | NE | 2 | 1 | Jersey | 29.17 | 50 | 49 | E NE | 4 | 3 |
| Mullaghmore | 29.68 | 50 | 46 | NE | 5 | 4 | Rochefort | 28.90 | 53 | 50 | S | 12 | 4 |
| Holyhead | 29.53 | 51 | 48 | E NE | 4 | 3 | | | | | | | |
| | | | | | | | Ben Nevis (4406 ft) | 28.13 | 28 | 27 | N | 2 | 2 |
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Ben Nevis (4906 ft.)

Bar. 28.13

28

27

N

2

E

29

24

0.01

The depression over the Bay of Biscay seems to be moving slowly in an E direction. The barometer is falling in the E. of England, with steady rain, but in the W. and N. it is rising and the weather is fair. Strong E winds prevail in the S., and at Rochefort a violent Southerly gale continues.

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

DAILY WEATHER REPORT

FOR

SUNDAY 29TH OCTOBER.

1882

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^d/per quarter
Do Do Bookpost 5^d Do

ROBERT H. SCOTT

(SECRETARY.)

WEATHER CHARTS

for 8 a.m. on Sunday 29th Oct^r 1882

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.

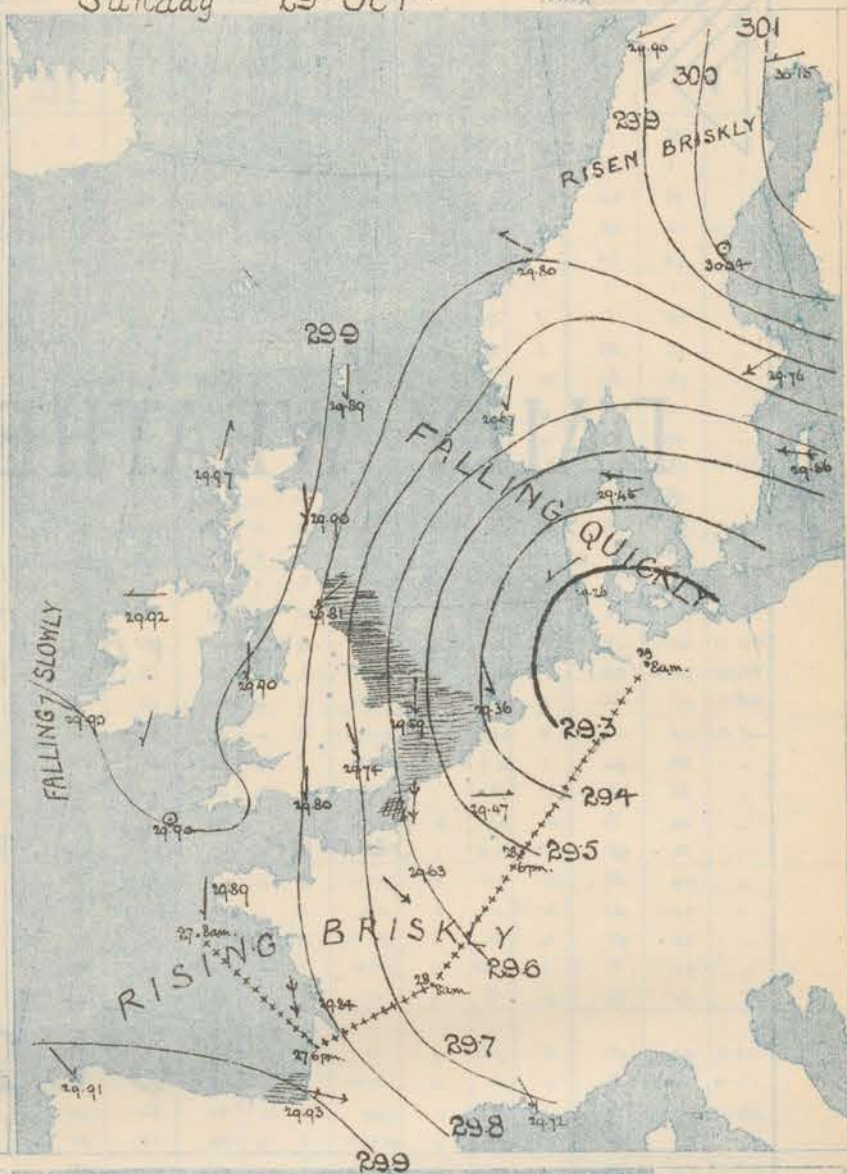
Sea Disturbance, where considerable, is shown by shading round the coast; thus: = Rough; = High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings in. |
|-------------|-------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greencastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roch's Pt. | 29.837 |
| Plymouth | 29.920 |
| LONDON | 29.902 |
| Varmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

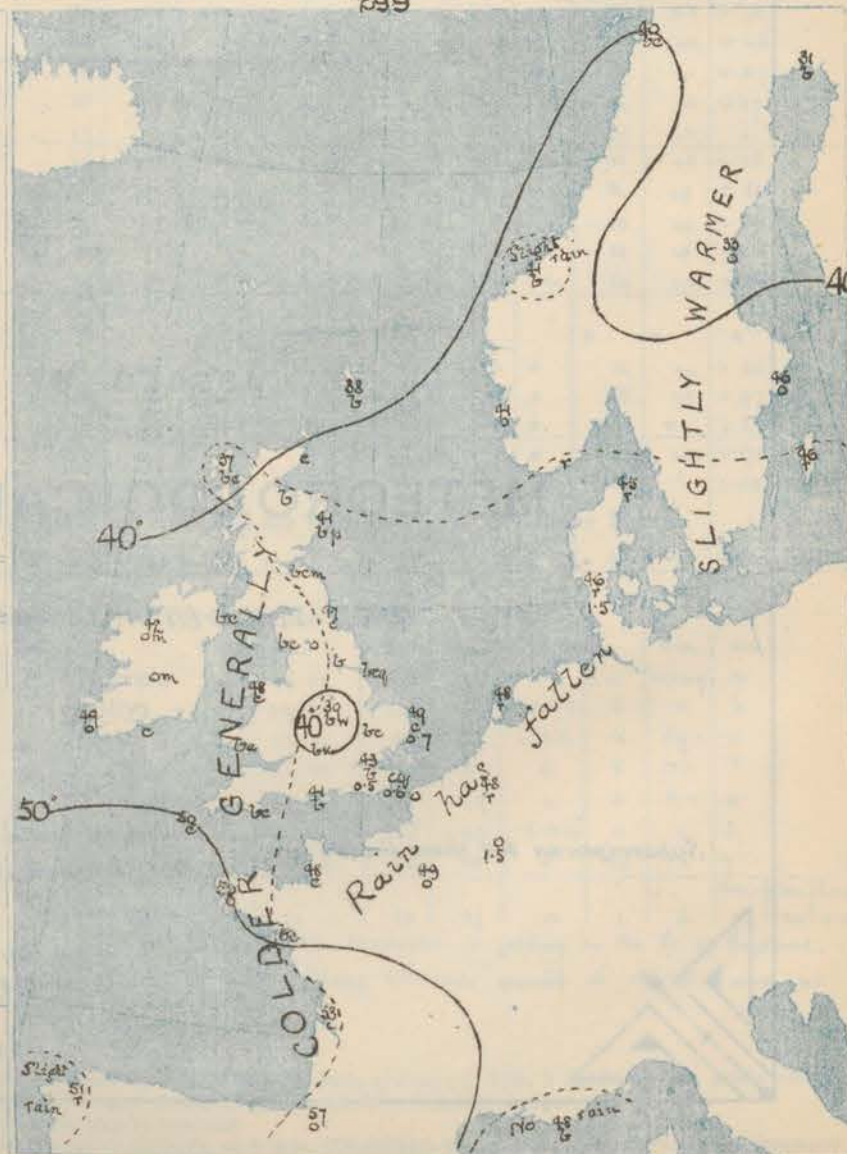
Falls of 0.5 in. or more, are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October.

| Stations | Temp. | Rain-fall |
|-------------------|-------|-----------|
| Sundburgh Head | 46.4 | 2.64 |
| Sornoway | 46.6 | 4.86 |
| Aberdeen | 47.4 | 3.24 |
| Shetlands | 49.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | 2 |
| Holyhead | 51.2 | 5.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St Mary's) | 51.6 | 4.91 |
| Hurst Castle | 53.3 | 2 |
| Dover | 53.0 | 3.26 |
| LONDON | 52.8 | 2.84 |
| Varmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Sunday 29th OCT^r 1882 at 8 a.m.

The deep depression which had advanced to Central France yesterday has travelled NE^{wards} and now lies over North Germany. The barometer is consequently falling briskly over Denmark and the southern part of Scandinavia, and slightly on our northern coasts, but rising briskly in France and the south of our Islands. In Ireland a separate fall seems to indicate the presence of further disturbances over the Atlantic. On our SE. coasts the wind has shifted to N. and still blows a moderate gale in some places, while in France slight gales from NW. are experienced, but in Ireland the wind has shifted to the E^{ast}, and is of little strength. The weather is rainy over Denmark and the Netherlands, but fair in all parts of the United Kingdom, excepting the east of Ireland, where the sky has become overcast. Heavy rain again fell in the SE. of England yesterday. Temperature has fallen and now ranges from 50° at Scilly to 31° at Parsloes. The sea is still rough on our E. and SE. coasts.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

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

DISTRICTS

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

FORECASTS

ISSUED
N O N W

DISTRICTS

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

WARNINGS

FORECASTS

ISSUED
N O N W

METEOROLOGICAL OBSERVATIONS FOR 29th OCTOBER

1882

| | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|---------------|-------------|------|---------------------|--|--|
| STATIONS. | Barometer at 33° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force (0 to 12). | | Reading at 33° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.99 | 38 | E | 2 | o | 30.15 | + .34 | 31 | 30 | — | 1 | E | 2 | o | 36 | 30 | — | | |
| Hernösand | 29.99 | 32 | Z | 0 | b | 30.04 | + .28 | 28 | 33 | — | 0 | Z | 0 | o | 48 | 28 | — | | |
| Stockholm | 29.94 | 41 | NE | 2 | o | 29.76 | — .10 | 46 | 43 | + | 4 | ENE | 6 | o | ? | 36 | — | | |
| Wisby | 29.85 | 44 | ESE | 4 | c | 29.56 | — .30 | 46 | 46 | + | 5 | ESE | 8 | r | 48 | 39 | 0.08 | | |
| Bodö | 29.83 | 38 | E | 2 | b | 29.90 | + .24 | 40 | 37 | + | 1 | ENE | 2 | bc | 48 | 36 | — | | |
| Christiansund | 29.94 | 45 | ESE | 1 | bc | 29.30 | — .00 | 41 | 37 | + | 3 | ESE | 3 | b | 46 | 36 | 0.04 | | |
| †Skadesnaos | 29.87 | 42 | Z | 0 | o | 29.67 | — .21 | 41 | 39 | — | 0 | NNE | 4 | o | ? | 41 | — | | |
| Oxö (Christiansund) | 29.83 | 41 | NNE | 4 | o | 29.57 | — .27 | 38 | 38 | — | 0 | NNE | 6 | r | ? | 31 | 0.16 | | |
| Skagen (The Skaw) | 29.80 | 45 | E | 3 | o | 29.48 | — .39 | 45 | 44 | + | 3 | ESE | 6 | r | 46 | 39 | 0.32 | | |
| Fanö | 29.80 | 44 | NE | 6 | r | 29.26 | — .49 | 46 | 46 | + | 4 | NE | 4 | r | 48 | 41 | 1.49 | | |
| Cuxhaven | | | | | | | | | | | | | | | | | | | |
| †Sumburgh Head | 30.00 | 39 | N | 4 | b | 29.89 | — .06 | 38 | 34 | — | 4 | N | 4 | b | 47 | 35 | — | | |
| †Stornoway | 30.05 | 41 | N | 3 | c | 29.97 | — .05 | 37 | 36 | — | 7 | SSW | 3 | c | 47 | 35 | 0.02 | | |
| Wick | 30.02 | 43 | NW | 2 | c | 29.93 | — .09 | 42 | 39 | + | 1 | N | 3 | c | 48 | 38 | — | | |
| Nairn | 30.00 | 43 | NNE | 3 | c | 29.98 | — .02 | 42 | 40 | + | 1 | NNW | 4 | b | 45 | 40 | 0.02 | | |
| †Aberdeen | 29.97 | 41 | N | 3 | b | 29.90 | — .03 | 41 | 39 | — | 2 | NNW | 4 | bp | 48 | 39 | 0.01 | | |
| Leith | 29.96 | 47 | NE | 1 | bc | 29.91 | — .01 | 40 | 38 | — | 5 | NW | 1 | bc | 50 | 37 | 0.02 | | |
| †Shields | 29.86 | 49 | ENE | 6 | c | 29.81 | — .02 | 47 | 45 | — | 3 | NE | 6 | c | 50 | 42 | 0.06 | | |
| Spurn Head | 29.65 | 50 | NNE | 8 | o | 29.69 | — .07 | 49 | 46 | — | 2 | N | 7 | bc | 51 | 48 | 0.02 | | |
| York | 29.77 | 47 | N | 3 | o | 29.79 | — .06 | 41 | 40 | — | 6 | NNW | 2 | b | 51 | 39 | 0.05 | | |
| Loughborough | 29.71 | 48 | NNE | 5 | o | 29.79 | — .19 | 39 | 37 | — | 9 | NNW | 2 | bc | 51 | 38 | — | | |
| †Ardrossan | 29.97 | 45 | NE | 2 | bc | 29.95 | — .01 | 39 | 29 | — | 3 | N | 1 | b | 50 | 35 | — | | |
| †Mullaghmore | 29.96 | 49 | E | 4 | b | 29.92 | — .03 | 42 | 39 | + | 2 | E | 1 | cm | 52 | 39 | — | | |
| Donaghadee | 29.96 | 48 | ENE | 5 | b | 29.94 | — .04 | 45 | 43 | — | 2 | ENE | 3 | bc | 51 | 44 | — | | |
| Parsonstown | 29.96 | 44 | Z | 0 | bc | 29.94 | — .02 | 31 | 30 | — | 4 | Z | 0 | cm | 51 | 29 | — | | |
| Barrow-in-Furness | 29.85 | 46 | NE | 4 | b | 29.86 | — .08 | 44 | 42 | — | 3 | N | 2 | bc | 56 | 41 | — | | |
| †Holyhead | 29.87 | 51 | NE | 5 | c | 29.90 | — .11 | 48 | 45 | — | 4 | N | 4 | c | 52 | 42 | — | | |
| Liverpool (Bidston) | 29.83 | 48 | NNE | 3 | c | 29.87 | — .11 | 44 | 42 | — | 3 | NNW | 2 | b | 51 | 43 | — | | |
| †Valencia | 29.94 | 55 | NNE | 2 | cm | 29.90 | — .06 | 49 | 48 | + | 2 | ESE | 3 | o | 59 | 42 | — | | |
| Roche's Point | 29.89 | 42 | NNE | 4 | b | 29.94 | — .07 | 44 | 42 | — | 1 | NNE | 2 | c | 53 | 40 | — | | |
| Pembroke | 29.81 | 49 | NE | 4 | bc | 29.90 | — .20 | 46 | 43 | — | 4 | NE | 1 | bc | 53 | 42 | — | | |
| †Scilly | 29.77 | 54 | N | 7 | c | 29.90 | — .25 | 50 | 48 | — | 4 | Z | 0 | c | 55 | 49 | — | | |
| Prawle Point | 29.78 | 47 | N | 3 | bc | 29.90 | — .36 | 45 | 40 | — | 5 | N | 3 | bc | 55 | 37 | — | | |
| Hurst Castle | 29.60 | 49 | NE | 6 | c | 29.80 | — .37 | 41 | 39 | — | 7 | N | 3 | b | 51 | 39 | 0.04 | | |
| †Dover | 29.40 | 49 | E | 6 | or | 29.63 | — .33 | 46 | 45 | — | 5 | N | 7 | c | 52 | 46 | 0.64 | | |
| †London | 29.36 | 47 | NE | 5 | b | 29.74 | — .31 | 43 | 41 | — | 5 | NNW | 3 | b | 50 | 43 | 0.19 | | |
| Oxford | 29.66 | 48 | N | 6 | o | 29.80 | — .29 | 40 | 39 | — | 8 | NW | 2 | br | 50 | 40 | 0.10 | | |
| Cambridge | 29.58 | 49 | N | 3 | r | 29.72 | — .23 | 43 | 42 | — | 6 | N | 2 | bc | 51 | 40 | 0.38 | | |
| †Yarmouth | 29.51 | 48 | NE | 9 | r | 29.59 | — .42 | 49 | 45 | — | 3 | N | 6 | c | 52 | 46 | 0.67 | | |
| The Helder | 29.39 | 49 | NE | 3 | o | 29.86 | — .07 | 48 | 48 | — | 1 | NNW | 4 | r | 52 | 48 | 0.39 | | |
| Cape Gris Nez | 29.38 | 49 | ENE | 7 | r | 29.54 | — .25 | 49 | 47 | + | 2 | N | 9 | o | 52 | 46 | 0.35 | | |
| †Jersey | 29.57 | 50 | NNE | 8 | opm | 29.84 | — .47 | 48 | 45 | — | 2 | NNW | 3 | c | 51 | 47 | 0.14 | | |
| Brest | 29.74 | 53 | N | 5 | o | 29.89 | — .36 | 50 | 48 | — | 1 | N | 4 | o | 54 | 48 | — | | |
| Lorient | 29.57 | 53 | N | 7 | o | 29.84 | — .47 | 49 | 46 | — | 3 | NNW | 7 | c | 54 | 46 | 0.02 | | |
| †Rochefort | 29.52 | 55 | NW | 9 | o | 29.84 | — .54 | 50 | 50 | — | 2 | NNW | 8 | c | 59 | 34 | — | | |
| Biarritz | 29.77 | 55 | W | 9 | r | 29.93 | — .59 | 52 | — | — | — | NNW | 8 | o | 63 | 46 | 0.43 | | |
| Corunna | * | * | * | * | * | 29.91 | ? | 51 | 50 | — | 1 | NW | 1 | r | 61 | 45 | 0.04 | | |
| Brussels | * | * | * | * | * | 29.47 | — .45 | 48 | 48 | + | 3 | W | 3 | r | 52 | ? | 0.08 | | |
| Charleville | ? | ? | ? | ? | ? | 29.48 | — .34 | 48 | 46 | — | 0 | SSW | 1 | o | 57 | 43 | 1.53 | | |
| Paris | 29.42 | 52 | SE | 3 | o | 29.63 | — .40 | 49 | 49 | — | 0 | NW | 7 | o | * | * | 0.06 | | |
| Lyons | | | | | | | | | | | | | | | | | | | |
| Toulon | 29.62 | 52 | NW | 3 | o | 29.72 | — .25 | 48 | 45 | — | 5 | NW | 5 | b | 57 | 46 | — | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.60 | 40 | NNE | 3 | c | 28.60 | — .07 | 39 | 39 | — | 4 | NE | 2 | o | 46 | 36 | 0.03 | | |

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

| | | | | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|---|-------|-----|----|----|---|----|---|----|----|------|--|--|--|
| Hawes Junction | 28.60 | 40 | NNE | 3 | c | 28.61 | 107 | 39 | 36 | 4 | NE | 2 | 46 | 36 | 0.03 | | | |
|----------------|-------|----|-----|---|---|-------|-----|----|----|---|----|---|----|----|------|--|--|--|

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | | | |
|----------------|-------|------|------|-------|------|------|-------------------------|-------------------|-------|------|-------|------|------|-----|-----|-----|------|
| Skudesnaes ... | 29.88 | 49 | 44 | NNE | 4 | bc | 2 | Valencia ... | 29.95 | 53 | 50 | NNE | 2 | cm | 3 | | |
| Sumburgh Head | 29.99 | 44 | 41 | N | 4 | b | 3 | Scilly ... | 29.72 | 55 | 51 | N | 6 | c | 6 | | |
| Stornoway ... | 30.05 | 47 | 44 | NE | 4 | c | 4 | Dover .. | 29.35 | 50 | 49 | E | 5 | omr | 4 | | |
| Aberdeen ... | 29.98 | 46 | 43 | N | 3 | bc | 3 | London ... | 29.49 | 50 | 49 | NE | 6 | or | * | | |
| Shields ... | 29.86 | 50 | 45 | ENE | 6 | c | 6 | Yarmouth ... | 29.47 | 50 | 49 | NE | 9 | og | 6 | | |
| Ardrossan ... | 29.97 | 50 | 45 | ENE | 2 | bc | 1 | Jersey .. | 29.46 | 50 | 49 | NNE | 7 | o | 5 | | |
| Mullaghmore | 29.97 | 52 | 47 | NE | 1 | b | 1 | Rochefort ... | 29.43 | 56 | 50 | NNW | 8 | o | 4 | | |
| Holyhead ... | 29.83 | 52 | 48 | NE | 5 | bc | 4 | Ben Nevis 4406 ft | 25.01 | 27 | 27 | NE | 3 | bc | Mat | Min | Rain |
| | | | | | | | Sam on 28 th | 29 | | | | | | | 26 | - | |

The barometer is rising at all stations excepting Valencia, where a slight fall is shown. At Yarmouth there is a strong NE gale, and steady rain still falls over the SE. of England. In the H. and N. the weather remains fair. The sea is moderate 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 (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.

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

DAILY WEATHER REPORT

FOR

MONDAY, 30TH OCTOBER.

1882

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 Monday, 30th OCTOBER, 1882

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.

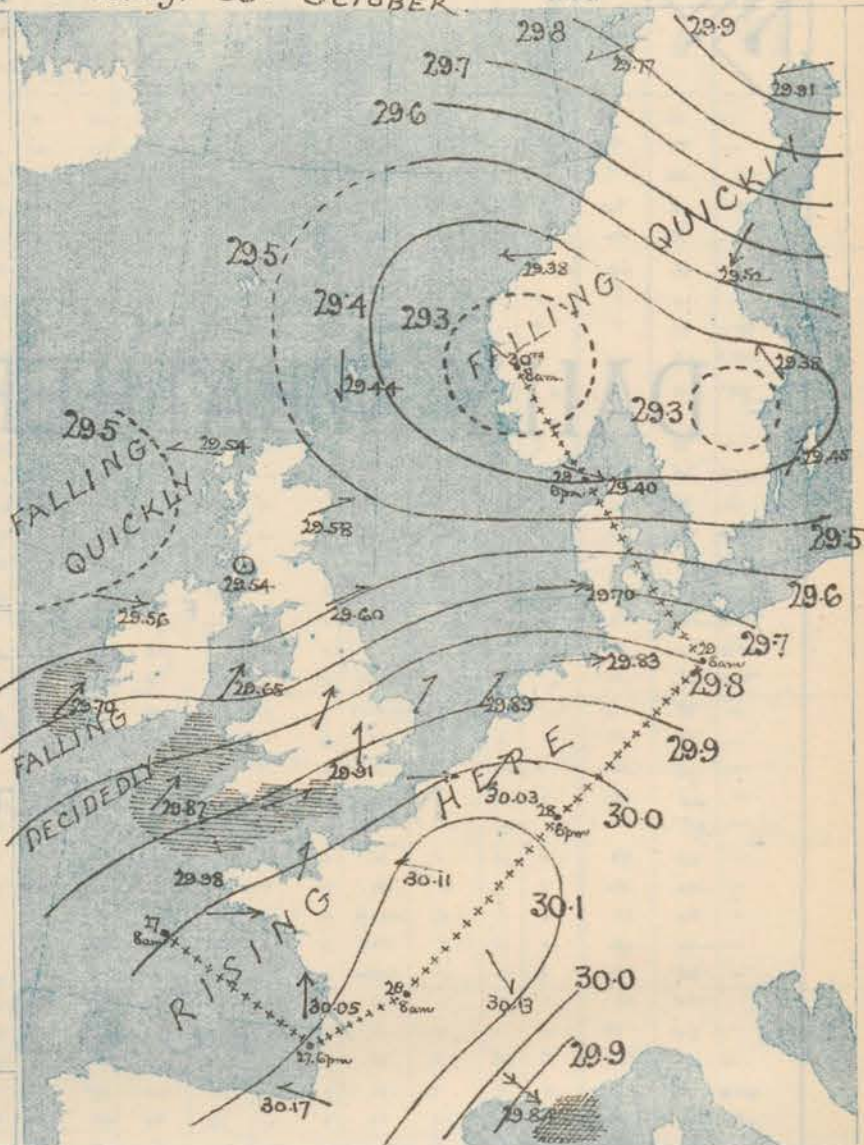
Sea Disturbance, where considerable, is shown by shading round the coast, thus Rough; High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings ins |
|---------------|----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenock | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Rochester Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1873-82. A more complete set of mean values is in course of preparation.



REMARKS

for MONDAY 30th OCT. 1882 at 8 a.m.

The relative distribution of barometric pressure over Western Europe has undergone a complete change during the past 24 hours. The high pressure area which at 8 a.m. yesterday lay over our NW^m coasts has travelled quickly to the N^{wd}, while a new one has appeared over France and the Peninsula, and a depression has advanced to our NE coasts. SW^y winds have consequently spread all over the country, accompanied by a rise of temperature at the S^e and W^e stations, a dull and threatening appearance of the sky, and in many places rain. The only portion of our islands from which the Nth wind of yesterday is not yet displaced is the N. of Scotland. Temperature now ranges from between 52° and 54° on our SW coast to 32° at Rain and Aberdeen. It was very low even in London during the earlier part of last night, where the thermometers fell to 35° in the screen and to 27° on the grass. The sea is now rough in the SW, moderate at Holyhead and in the Straits of Dover. As the barometer is now falling in Ireland it is probable that more rough weather is approaching us from the Atlantic, but no deep depression has appeared yet.

MAP SHOWING
DISTRICTS

FORECASTS

for the 24 hours ending at Noon
on the31st OCTOBER

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

DISTRICTS

FORECASTS

| | | |
|---|------------------|---|
| 1 | SCOTLAND NORTH | Wind becoming S ^y and SW ^y with showery, unsettled weather. |
| 2 | SCOTLAND EAST | —D°— —D°— —D°— |
| 3 | ENGLAND NE | SW ^y breezes, increasing in strength, changeable, rain at times. |
| 4 | ENGLAND EAST | Same as N° 5 |
| 5 | MIDLAND COUNTIES | Same as N° 3. |
| 6 | ENGLAND SOUTH | SW ^y winds, fresh to strong, gusty; rain at times. |

DISTRICTS

FORECASTS

| | | |
|----|---------------|---|
| 6 | SCOTLAND WEST | SW ^y and S ^y winds, fresh or strong; showery, very unsettled. |
| 7 | ENGLAND N.W. | —D°— —D°— —D°— |
| 8 | ENGLAND S.W. | S ^y and SW ^y winds, strong, perhaps a gale later; rainy, unsettled. |
| 9 | IRELAND NORTH | —D°— —D°— —D°— |
| 10 | IRELAND SOUTH | —D°— —D°— —D°— |

WARNINGS

NONE ISSUED AT PRESENT.

METEOROLOGICAL OBSERVATIONS FOR 30th OCT^r 1882

| 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 15). | | 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 15). | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.01 | 32 | E | 2 | b | 29.91 | - 24 | 32 | 31 | + 1 | E | 2 | 0 | 34 | 28 | . | | | | |
| Hernösand | 29.75 | 40 | NE | 8 | Λ | 29.52 | - 52 | 41 | 40 | + 8 | NE | 6 | 7 | 45 | ? | 0.67 | | | | |
| Stockholm | 29.42 | 49 | SW | 4 | 0 | 29.38 | - 38 | 49 | 48 | + 3 | SSE | 2 | 7 | ? | 41 | 0.28 | | | | |
| Wisby | 29.52 | 49 | S | 4 | bc | 29.45 | - 11 | 49 | 48 | + 3 | SW | 6 | 0 | 44 | 43 | . | | | | |
| Bodö | 29.90 | 36 | ESE | 2 | 6 | 29.77 | - 13 | 36 | 34 | - 4 | ESE | 4 | bc | 43 | 34 | . | | | | |
| Christiansund | 29.60 | 44 | E | 5 | 0 | 29.38 | - 42 | 44 | 38 | + 1 | E | 6 | c | 45 | 39 | . | | | | |
| †Skudesnaes | | | | | | | | | | | | | | | | | | | | |
| Oxö (Xmansund) | 29.31 | 39 | NNW | 6 | 0 | 29.41 | - 16 | 44 | 42 | + 6 | WSW | 4 | 6 | ? | 37 | 0.51 | | | | |
| Skagen (The Skaw) | 29.29 | 49 | WSW | 4 | 0 | 29.40 | - 35 | 46 | 42 | + 1 | NNW | 6 | bc | 50 | 41 | 0.71 | | | | |
| Fanö | 29.37 | 45 | NW | 7 | 0 | 29.70 | + 44 | 47 | 44 | + 1 | N | 6 | bc | 50 | 43 | 0.28 | | | | |
| Cuxhaven | 29.37 | ? | W | 7 | Λ | 29.83 | | 45 | 44 | | W | 5 | bc | 50 | 39 | 0.04 | | | | |
| †Sumburgh Head | 29.63 | 39 | N | 3 | 0 | 29.44 | - 43 | 42 | 40 | + 4 | N | 4 | 6 | 43 | 36 | 0.16 | | | | |
| †Stornoway | 29.82 | 37 | ESE | 2 | bc | 29.54 | - 43 | 40 | 40 | + 3 | E | 3 | bc | 48 | 34 | . | | | | |
| Wick | 29.76 | 37 | NW | 3 | c | 29.53 | - 40 | 34 | 33 | - 8 | NW | 2 | c | 45 | 32 | 0.05 | | | | |
| Nairn | 29.81 | 36 | ESE | 2 | 6 | 29.55 | - 43 | 32 | 31 | - 10 | E | 0 | 2 | 46 | 30 | . | | | | |
| †Aberdeen | 29.80 | 39 | NNW | 3 | 6 | 29.58 | - 32 | 32 | 30 | - 9 | WSW | 1 | 6 | 47 | 30 | . | | | | |
| Leith | 29.84 | 41 | N | L | . | 29.53 | - 38 | 41 | 41 | + 1 | E | 0 | 0 | 52 | 38 | 0.15 | | | | |
| †Shields | 29.84 | 48 | NNW | 3 | c | 29.60 | - 21 | 48 | 46 | + 1 | WSW | 3 | 0 | 50 | 37 | . | | | | |
| Spurn Head | 29.82 | 47 | NW | 5 | 6 | 29.73 | + 04 | 44 | 43 | - 5 | SSW | 5 | ep | 50 | 39 | 0.09 | | | | |
| York | 29.86 | 42 | N | 1 | 6 | 29.69 | - 10 | 43 | 41 | + 2 | S | 3 | 0 | 50 | 38 | . | | | | |
| Loughborough | 29.90 | 43 | NNW | 1 | 6 | 29.77 | - 02 | 44 | 42 | + 5 | SW | 5 | ang | 50 | 35 | 0.01 | | | | |
| †Ardrossan | 29.85 | 43 | E | 0 | fo | 29.54 | - 41 | 41 | 41 | + 2 | NE | 1 | of | 48 | 38 | 0.11 | | | | |
| †Mullaghmore | 29.77 | 47 | S | 5 | gsm | 29.56 | - 36 | 47 | 46 | + 5 | N | 5 | pgg | 52 | 42 | 0.22 | | | | |
| Donaghadee | 29.85 | 43 | SE | 1 | c | 29.57 | - 37 | 46 | 45 | + 1 | WSW | 4 | 2 | 48 | 42 | 0.11 | | | | |
| Parsonstown | 29.84 | 47 | S | 1 | 0 | 29.67 | - 29 | 46 | 45 | + 15 | SW | 1 | 04 | 48 | 30 | 0.20 | | | | |
| Barrow-in-Furness | 29.87 | 48 | NNW | 2 | bc | 29.60 | - 26 | 51 | 49 | + 7 | SSW | 3 | 02 | 53 | 43 | 0.12 | | | | |
| †Holyhead | 29.89 | 47 | SSE | 1 | 0 | 29.65 | - 25 | 53 | 49 | + 5 | SW | 5 | c | 53 | 45 | 0.20 | | | | |
| Liverpool | 29.88 | 45 | NNW | 1 | 0 | 29.66 | - 21 | 47 | 46 | + 3 | SSW | 3 | 0 | 49 | 40 | 0.04 | | | | |
| †Valencia | 29.85 | 55 | SSW | 3 | bc | 29.70 | - 20 | 53 | 52 | + 4 | SW | 5 | rmg | 55 | 46 | 0.13 | | | | |
| Roche's Point | 29.89 | 48 | SW | 4 | c | 29.74 | - 20 | 52 | 52 | + 8 | W | 4 | Λ | 55 | 44 | 0.18 | | | | |
| Pembroke | 29.92 | 50 | W | 1 | c | 29.76 | | 54 | 53 | | W | 5 | 22 | 54 | 45 | 0.01 | | | | |
| †Scilly | 29.93 | 52 | SW | 2 | 0 | 29.87 | - 03 | 54 | 54 | + 4 | SW | 5 | 0 | 58 | 49 | 0.10 | | | | |
| Prawle Point | 29.98 | 46 | NNW | 2 | bc | 29.89 | - 01 | 52 | 52 | + 10 | SSW | 4 | Λ | 56 | 40 | 0.03 | | | | |
| Hurst Castle | 29.96 | 45 | N | 2 | 6 | 29.92 | + 12 | 53 | 50 | + 12 | WSW | 5 | opm | 54 | 39 | . | | | | |
| †Dover | 29.87 | 46 | NNW | 4 | 6 | 29.95 | + 32 | 45 | 44 | - 1 | WSW | 3 | bc | 52 | 41 | . | | | | |
| †London | 29.91 | 46 | NW | 1 | g | 29.91 | + 17 | 45 | 42 | + 2 | S | 3 | bc | 50 | 35 | . | | | | |
| Oxford | 29.94 | 43 | NW | 1 | bc | 29.86 | + 06 | 43 | 42 | + 3 | S | 1 | cm | 49 | 38 | . | | | | |
| Cambridge | 29.82 | 44 | NW | 1 | bc | 29.86 | + 14 | 42 | 41 | - 1 | S | 1 | c | 52 | 34 | 0.01 | | | | |
| †Yarmouth | 29.79 | 47 | NNW | 4 | bc | 29.86 | + 27 | 43 | 41 | - 6 | SW | 3 | c | 51 | 36 | 0.03 | | | | |
| The Helder | 29.72 | 49 | NW | 7 | bc | 29.89 | + 53 | 48 | 43 | 0 | WSW | 4 | bc | 50 | 46 | 0.12 | | | | |
| Cape Gris Nez | 29.78 | 51 | NNW | 7 | c | 29.96 | + 42 | 44 | 44 | - 5 | W | 3 | 6 | ? | 41 | . | | | | |
| †Jersey | 29.99 | 47 | NW | 2 | 6 | 29.97 | + 13 | 49 | 49 | + 1 | SSW | 4 | opm | 51 | 44 | 0.03 | | | | |
| Brest | 30.03 | 52 | N | 1 | bc | 29.98 | + 09 | 54 | 51 | + 4 | NW | 5 | 0 | 55 | 46 | 0.08 | | | | |
| Lorient | 29.96 | 53 | NW | 4 | 6 | 29.96 | + 12 | 55 | 52 | + 6 | W | 5 | c | ? | ? | 0.08 | | | | |
| †Rochefort | 29.97 | 54 | NNW | 7 | 6 | 30.05 | + 21 | 51 | 48 | - 2 | S | 5 | c | 57 | 41 | . | | | | |
| Biarritz | 30.07 | 55 | WSW | 5 | Λ | 30.17 | + 24 | 52 | 51 | - 5 | SE | 3 | 0 | 57 | 46 | 0.08 | | | | |
| Corunna | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | . | | | | |
| Brussels | . | . | . | . | . | 30.03 | + 50 | 42 | 41 | - 6 | SW | 3 | 6 | 51 | 42 | 0.08 | | | | |
| Charleville | 29.79 | 49 | NNW | 1 | 0 | 30.07 | + 59 | 39 | 38 | - 9 | SW | 1 | c | 55 | 37 | 0.43 | | | | |
| Paris | 29.92 | 50 | NNE | 4 | bc | 30.11 | + 48 | 39 | 39 | - 10 | ESE | 4 | 6 | . | . | 0.04 | | | | |
| Lyons | 29.92 | 47 | NW | 5 | Λ | 30.13 | | 43 | 42 | | NNW | 1 | c | 51 | 41 | . | | | | |
| Toulon | 29.75 | 52 | NW | 7 | bc | 29.84 | + 12 | 50 | 45 | + 2 | NW | 8 | 6 | 59 | 46 | . | | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.63 | 37 | ESE | 1 | bc | 28.38 | - 23 | 44 | 44 | + 5 | SW | 2 | Λ | 45 | 35 | 6.25 | | | | |

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

| | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wet. | Sea. | |
|-----------------|-------|------|------|-------|------|------|----------------------|-------|------|------|-------|------|------|----------------|
| Skudesnaes ... | 29.55 | 56 | 54 | NNW | 4 | 0 | Valencia ... | | | | | | | |
| Sumburgh Head | | | | | | | Scilly ... | | | | | | | |
| Sternoway ... | | | | | | | Dover .. | | | | | | | |
| Aberdeen ... | | | | | | | London ... | | | | | | * | |
| Shields ... | | | | | | | Yarmouth ... | | | | | | | |
| Ardrossan ... | | | | | | | Jersey ... | | | | | | | |
| Mullaghmore ... | | | | | | | Rochefort ... | 29.90 | 56 | 51 | NNW | 5 | 6 | |
| Holyhead ... | | | | | | | | | | | | | | |
| | | | | | | | Ben Nevis (4406 ft.) | 25.33 | 26 | 25 | 2 | 0 | 6 | Max. Min. Rain |
| | | | | | | | 9 a.m. 23d. | | | | | | | 28 22 - |

DAILY WEATHER REPORT

FOR

TUESDAY 31ST OCTOBER.

1882

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)

WEATHER CHARTS

for 8 a.m. on TUESDAY 31ST OCTOBER 1882

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.

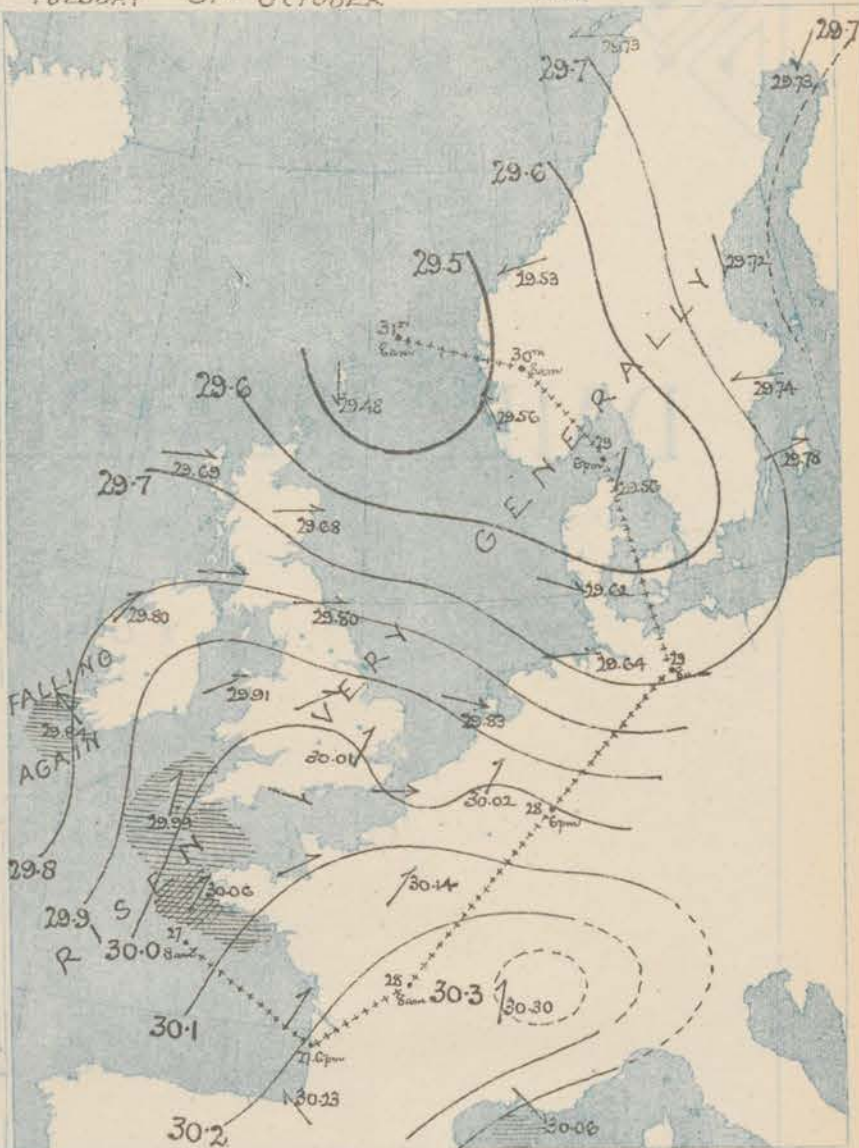
Sea Disturbance, where considerable, is shown by shading round the coast; thus: — Rough; — High.

MEAN* HEIGHT of the BAROMETER

for the month of October.

| Stations. | Mean Readings ins. |
|--------------|-----------------------|
| Nairn | 29.724 |
| Aberdeen | 29.738 |
| Leith | 29.776 |
| Scarborough | 29.842 |
| Ardrossan | 29.792 |
| Greenacastle | 29.784 |
| Holyhead | 29.830 |
| Valencia | 29.862 |
| Roche's Pt. | 29.827 |
| Plymouth | 29.920 |
| LONDON | 29.907 |
| Yarmouth | 29.892 |

* These means are for the 10 years 1866-75. A more complete set of mean values is in course of preparation.



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.

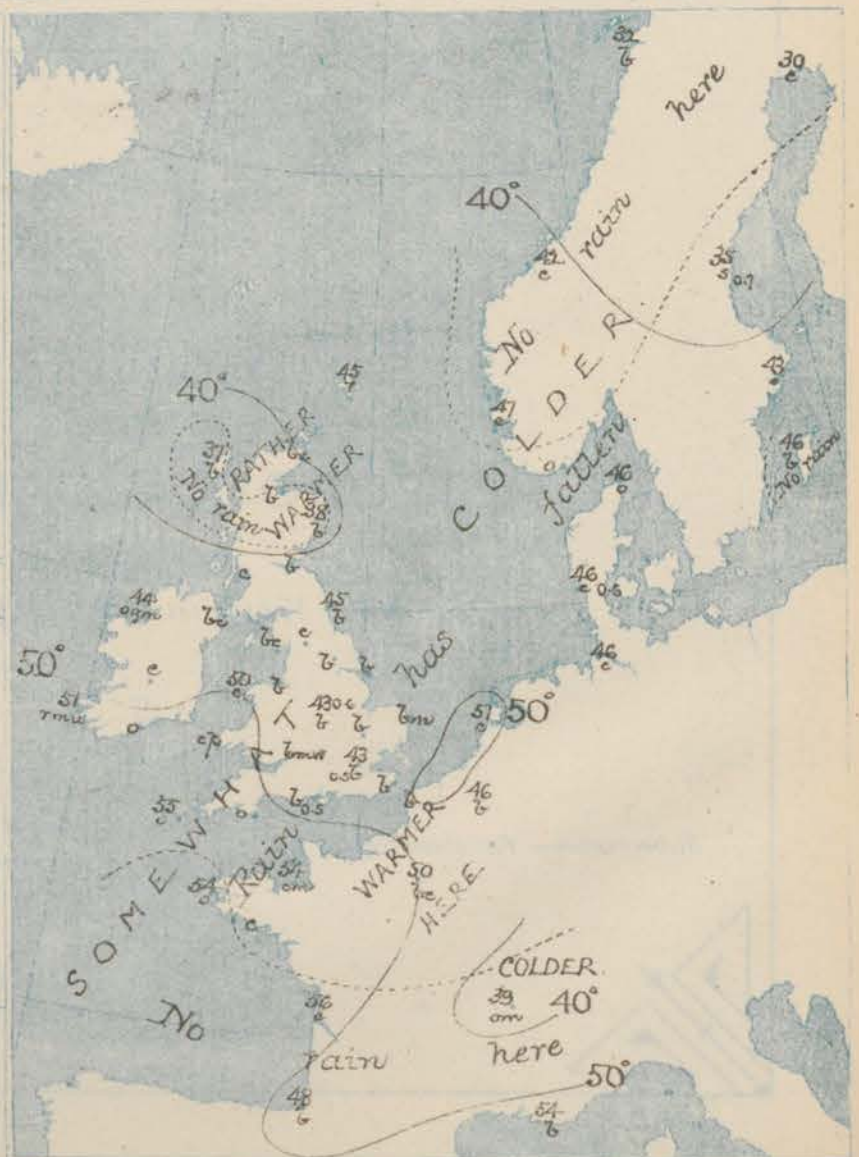
Falls of 0.5 in. or more are quoted in figures.

MEANS* OF TEMPERATURE AND RAINFALL

for the month of October

| Stations | Temp | Rain-fall |
|--------------------|------|-----------|
| Sunbury Head | 46.4 | 2.64 |
| Stornoway | 46.6 | 4.88 |
| Aberdeen | 47.4 | 3.24 |
| Shetlands | 49.3 | 2.61 |
| York | 49.9 | 2.85 |
| Mullaghmore | 49.1 | ? |
| Holyhead | 57.3 | 6.44 |
| Parsonstown | 50.2 | 3.63 |
| Valencia | 51.4 | 7.11 |
| Sally (St. Mary's) | 54.6 | 4.91 |
| Hurst Castle | 53.3 | ? |
| Dover | 53.0 | 3.26 |
| LONDON | 52.3 | 2.84 |
| Yarmouth | 51.6 | 2.87 |

* The mean Temperatures are those for the 13 years 1857-69, the mean amounts of Rain are those for the 10 years 1866 to 1875.



REMARKS

for Tuesday 31st OCTOBER. 1882. at 8 a.m.

The depression which lay off our north-west coast yesterday morning seems to have dispersed in the course of the day, while the subsidiary disturbances over England and Ireland travelled E^{ward}. The passage of one of these latter systems was accompanied by an exceedingly heavy downpour of rain in London last evening. In the course of the past night the barometer has risen at all the more E^{ast} and northern stations, while the winds have veered to the W^{est}, but at Valencia a fresh fall has set in since 10 p.m., and the winds on our W^{est} coasts have backed to S. while in the SW. of Ireland there is a SE^{ast} breeze. The weather is fine and bright in the N. and E. but cloudy in the W., with rain, mist, and a threatening appearance at Valencia. Rain fell in all parts of the country yesterday, and amounted to half an inch at Hurst Castle and in London and to 0.6 in. at Loughboro'. Temperature has risen in the east of Scotland, fallen elsewhere, and readings range from 55° at Derry to 37° at Naírns. The sea is rough in the Bay of Biscay, and on our SW. coasts, moderate or slight elsewhere.

MAP SHOWING DISTRICTS



FORECASTS

for the 24 hours ending at Noon
on the

1st NOVEMBER.

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

| DISTRICTS | FORECASTS | DISTRICTS | FORECASTS |
|--------------------|--|------------------|---|
| 0 SCOTLAND NORTH | NW ^{ly} to variable or NE ^{ly} breezes, light; fair to cloudy and unsettled. | 6 SCOTLAND WEST | Same as No 1. |
| 1 SCOTLAND EAST | W ^{ly} to light variable breezes; fair to dull and rainy. | 7 ENGLAND N.W. | S ^{ly} to SW ^{ly} or W ^{ly} winds, freshening; fair to dull and rainy. |
| 2 ENGLAND N.E. | W ^{ly} to SW ^{ly} or S ^{ly} winds, moderate to fresh or strong; fair to dull and rainy. | 8 ENGLAND S.W. | SW ^{ly} to W ^{ly} winds, strong, perhaps a gale; cloudy, rainy, unsettled. |
| 3 ENGLAND EAST | -----D°-----D°-----D°----- | 9 IRELAND NORTH | S ^{ly} to variable breezes, moderate; cloudy, rainy, unsettled. |
| 4 MIDLAND COUNTIES | Same as No 5. | 10 IRELAND SOUTH | S ^{ly} to SW ^{ly} or W ^{ly} winds, strong to a gale; dull and rainy to fair. |
| 5 ENGLAND SOUTH | SW ^{ly} winds, moderate to strong; fair to dull and rainy. | WARNINGS | The S. cone has been hoisted this morning in district 10. |

METEOROLOGICAL OBSERVATIONS FOR

31st OCT^r

1882

| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---|---|--------------------|--------|---------------------|----------|---|---|-------------|------|---|--------|---------------------|-------------------|-------------|------|------|---------------------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | | | | |
| | | | 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). | | Weather. | Max. | Min. | Amount of Rainfall. | | |
| Haparanda | 29.73 | 28 | NE | 2 | bc | 29.73 | - 18 | 30 | 29 | - 2 | NE | 2 | 0 | 32 | 27 | - | | | |
| Hernösand | 29.58 | 26 | NNE | 6 | A | 29.72 | + 20 | 35 | 34 | - 6 | N | 4 | 5 | 43 | ? | 0.67 | | | |
| Stockholm | 29.57 | 45 | WSW | 6 | O | 29.74 | + 36 | 43 | 41 | - 6 | E | 2 | 0 | ? | ? | 0.08 | | | |
| Wisby | 29.71 | 47 | WSW | 8 | bc | 29.78 | + 33 | 46 | 44 | - 3 | WSW | 4 | 6 | 50 | 45 | - | | | |
| Bodö | 29.71 | 35 | NNE | 2 | bc | 29.73 | - 04 | 32 | 29 | - 4 | E | 2 | 6 | 37 | 28 | - | | | |
| Christiansund | 29.43 | 43 | ESE | 1 | c | 29.53 | + 13 | 42 | 40 | 0 | ESE | 2 | 0 | 46 | 37 | - | | | |
| † Skudesnaes | 29.47 | 48 | SSW | 4 | c | 29.56 | | 47 | 45 | | ESE | 6 | c | 50 | 45 | - | | | |
| Örö (Xiansund) | 29.53 | 45 | E | 1 | O | 29.57 | + 16 | 42 | 41 | - 2 | N | 4 | 0 | 46 | 41 | 0.16 | | | |
| Skagen (The Skaw) | 29.61 | 48 | WSW | 3 | A | 29.56 | + 16 | 46 | 45 | 0 | SW | 4 | 0 | 50 | 43 | 0.28 | | | |
| Fanö | 29.66 | 49 | SW | 8 | c | 29.62 | - 08 | 46 | 46 | - 1 | WNW | 1 | c | 50 | 46 | 0.63 | | | |
| Cuxhaven | 29.85 | ? | SSW | 3 | A | 29.64 | - 19 | 46 | 46 | + 1 | W | 4 | c | 52 | 41 | 0.20 | | | |
| † Sumburgh Head | 29.39 | 44 | N | 3 | c | 29.48 | + 04 | 45 | 43 | + 3 | N | 3 | A | 48 | 40 | 0.13 | | | |
| † Stornoway | 29.53 | 51 | N | 1 | bc | 29.69 | + 15 | 39 | 39 | - 1 | W | 4 | 6 | 50 | 35 | - | | | |
| Wick | 29.48 | 37 | NW | 1 | bc | 29.54 | + 01 | 40 | 40 | + 6 | NW | 4 | 6 | 50 | 32 | 0.04 | | | |
| Nairn | 29.53 | 39 | Z | 0 | bc | 29.69 | + 14 | 37 | 35 | + 5 | SW | 1 | 6 | 43 | 31 | - | | | |
| † Aberdeen | 29.52 | 41 | Z | 0 | bc | 29.68 | + 10 | 38 | 36 | + 6 | W | 2 | 6 | 50 | 36 | - | | | |
| Leith | 29.54 | 45 | W | 1 | O | 29.73 | + 20 | 45 | 43 | + 4 | W | 2 | 6 | 47 | 40 | 0.03 | | | |
| † Shields | 29.57 | 47 | W | 3 | c | 29.80 | + 20 | 45 | 43 | - 3 | W | 3 | 6 | 51 | 40 | 0.34 | | | |
| Spurn Head | 29.62 | 48 | SW | 4 | O | 29.86 | + 13 | 45 | 44 | + 1 | WSW | 4 | 6 | 52 | 43 | 0.12 | | | |
| York | 29.62 | 47 | W | 2 | c | 29.86 | + 17 | 46 | 44 | + 3 | W | 2 | 6 | 53 | 41 | 0.04 | | | |
| Loughborough | 29.65 | 48 | Z | 0 | A | 29.94 | + 17 | 43 | 42 | - 1 | WSW | 3 | 6 | 55 | 42 | 0.57 | | | |
| † Ardrossan | 29.56 | 47 | WSW | 1 | c | 29.79 | + 25 | 49 | 49 | + 8 | W | 3 | c | 49 | 41 | 0.10 | | | |
| † Mullaghmore | 29.62 | 49 | W | 5 | bc | 29.80 | + 24 | 44 | 42 | - 3 | SW | 2 | 6 | 52 | 43 | 0.19 | | | |
| Donaghadee | 29.63 | 45 | WSW | 3 | c | 29.85 | + 28 | 39 | 38 | - 7 | W | 2 | 6 | 53 | 38 | - | | | |
| Parsonstown | 29.76 | 46 | SW | 1 | bc | 29.90 | + 23 | 41 | 39 | - 5 | S | 1 | 0 | 53 | 39 | 0.01 | | | |
| Barrow-in-Furness | 29.63 | 50 | W | 3 | bc | 29.83 | + 25 | 50 | 47 | - 1 | W | 2 | 6 | 55 | 49 | 0.04 | | | |
| † Holyhead | 29.66 | 51 | WSW | 4 | bc | 29.91 | + 26 | 50 | 48 | - 3 | WSW | 2 | c | 53 | 47 | - | | | |
| Liverpool (Bidston) | 29.64 | 47 | WSW | 3 | bc | 29.90 | + 24 | 46 | 44 | - 1 | SSW | 3 | 6 | 52 | 46 | 0.22 | | | |
| † Valencia | 29.81 | 50 | W | 4 | bc | 29.84 | + 14 | 51 | 50 | - 2 | SE | 5 | 6 | 53 | 45 | 0.42 | | | |
| Roche's Point | 29.78 | 54 | WNW | 4 | bc | 29.91 | + 17 | 53 | 52 | + 1 | SSW | 4 | 0 | 53 | 45 | 0.30 | | | |
| Pembroke | 29.72 | 52 | W | 4 | c | 29.96 | + 20 | 53 | 49 | - 1 | W | 3 | 6 | 55 | 49 | 0.31 | | | |
| † Scilly | 29.82 | 54 | W | 7 | bc | 29.99 | + 12 | 55 | 55 | + 1 | WSW | 4 | 0 | 55 | 52 | 0.17 | | | |
| Prawle Point | 29.77 | 55 | SW | 6 | A | 30.04 | + 15 | 52 | 49 | 0 | WSW | 4 | 0 | 55 | 48 | 0.26 | | | |
| Hurst Castle | 29.77 | 55 | WSW | 6 | A | 30.03 | + 11 | 49 | 48 | - 4 | WNW | 3 | 6 | 58 | 48 | 0.46 | | | |
| † Dover | 29.82 | 53 | WSW | 7 | O | 30.01 | + 06 | 45 | 44 | 0 | WNW | 4 | 6 | 55 | 43 | 0.24 | | | |
| † London | 29.78 | 51 | SW | 3 | OA | 30.01 | + 10 | 43 | 42 | - 2 | SW | 2 | 6 | 53 | 40 | 0.45 | | | |
| Oxford | 29.72 | 44 | SSW | 2 | bc | 30.00 | + 14 | 42 | 42 | - 1 | WNW | 1 | 6 | 57 | 41 | 0.18 | | | |
| Cambridge | 29.72 | 48 | SW | 1 | A | 29.98 | + 12 | 41 | 41 | - 1 | SW | 1 | 6 | 55 | 37 | 0.09 | | | |
| † Yarmouth | 29.71 | 50 | SW | 4 | A | 29.91 | + 05 | 43 | 42 | 0 | W | 2 | 6 | 51 | 41 | 0.14 | | | |
| The Helder | 29.74 | 43 | S | 5 | A | 29.83 | - 06 | 51 | 48 | + 3 | WNW | 5 | c | 52 | 46 | 0.24 | | | |
| Cape Gris Nez | 29.84 | 52 | SSW | 8 | A | 29.99 | + 03 | 50 | 49 | + 6 | W | 5 | 6 | 54 | 41 | 0.32 | | | |
| Jersey | 29.91 | 56 | WSW | 5 | O | 30.08 | + 11 | 54 | 53 | + 5 | WSW | 3 | 6 | 56 | 48 | 0.12 | | | |
| Brest | 29.87 | 57 | SW | 7 | m | 30.06 | + 08 | 54 | 52 | 0 | SW | 4 | 0 | ? | 54 | - | | | |
| Lorient | 30.01 | 57 | W | 7 | O | 30.08 | + 12 | 53 | 52 | - 2 | SW | 1 | c | 57 | 50 | 0.04 | | | |
| † Rochefort | 30.07 | 57 | WNW | 5 | bc | 30.11 | + 06 | 56 | ? | + 5 | SW | 3 | c | 61 | 46 | - | | | |
| Biarritz | 30.23 | 59 | W | 4 | O | 30.23 | + 06 | 48 | 46 | - 4 | SE | 4 | 6 | 59 | 46 | - | | | |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | |
| Brussels | * | * | * | * | * | 30.02 | - 01 | 46 | 45 | + 4 | SW | 3 | 6 | 51 | ? | 0.08 | | | |
| Charleville | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | |
| Paris | 30.05 | 53 | ESE | 3 | O | 30.14 | + 03 | 50 | 48 | + 11 | SW | 3 | 6 | * | * | 0.04 | | | |
| Lyons | 30.21 | 44 | N | 1 | bc | 30.30 | + 17 | 39 | 39 | - 4 | SSW | 1 | 6 | 51 | 37 | - | | | |
| Toulon | 29.93 | 51 | NW | 8 | bc | 30.06 | + 22 | 54 | 53 | + 4 | NW | 3 | 6 | 57 | 48 | - | | | |
| HIGH LEVEL STATION. Barometric readings not corrected for altitude (1,135 ft.) above M.S.L. | | | | | | | | | | | | | | | | | | | |
| Hawes Junction | 28.37 | 42 | NNW | 2 | bc | 28.62 | + 24 | 42 | 42 | - 2 | WNW | 4 | c | 45 | 40 | 0.48 | | | |

HIGH LEVEL STATION.

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

| | | | | | | | | | | | | | | | |
|----------------|-------|----|-----|---|----|-------|------|----|----|-----|-----|---|----|----|------|
| Hawes Junction | 28.37 | 42 | WNW | 2 | bc | 28.62 | + 24 | 42 | 42 | - 2 | WNW | 4 | 45 | 40 | 0.48 |
|----------------|-------|----|-----|---|----|-------|------|----|----|-----|-----|---|----|----|------|

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

| | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wen. | Sea. | |
|-----------------|-------|------|------|-------|---|------|------|---------------------|-------|------|------|-------|---|---------|------|-------|
| Skudesnaes ... | 29.45 | 50 | 45 | SW | 4 | c | 3 | Valencia ... | 29.73 | 55 | 52 | W | 5 | 6 c fog | 5 | |
| Sumburgh Head | 29.41 | 46 | 44 | N | 4 | bc | 3 | Scilly ... | 29.80 | 55 | 55 | SW | 6 | A | 6 | |
| Stornoway ... | 29.32 | 51 | 47 | E | 4 | 6 | 3 | Dover .. | 29.88 | 52 | 51 | SW | 6 | 0.7 | 5 | |
| Aberdeen ... | 29.50 | 48 | 42 | WSW | 1 | 6 | 4 | London ... | 29.81 | 53 | 52 | SSW | 3 | 0.1 | * | |
| Shields ... | 29.55 | 50 | 47 | W | 4 | c | 3 | Yarmouth ... | 29.77 | 51 | 49 | SW | 3 | c | 2 | |
| Ardrossan ... | 29.54 | 48 | 48 | SSW | 1 | c | 1 | Jersey ... | 29.93 | 55 | 54 | WSW | 5 | 0 | 4 | |
| Mullaghmore ... | 29.58 | 49 | 46 | W | 4 | bc | 4 | Rochefort ... | 30.08 | 57 | 55 | WSW | 5 | 0 | 2 | |
| Holyhead ... | 29.64 | 53 | 49 | WSW | 4 | c | 3 | Ben Nevis (4406 ft) | 29.02 | 29 | 29 | SW | 2 | f | 30 | |
| | | | | | | | | 9 a.m. on 30th. | 29.02 | 29 | 29 | SW | 2 | f | 30 | |
| | | | | | | | | | | | | | | Max | Min | Rain. |
| | | | | | | | | | | | | | | 30 | 25 | 0.71 |

The barometer is rising a little in the N. of Ireland, but continues to fall in all other parts of the Kingdom. The weather continues fine in Scotland, but is showing in Ireland and raining in the S. of England.

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in our Islands (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 OCT 1882

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. | BAROMETRE. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | | |
| | | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | Amount of Rainfall. | | |
| 2 nd | Stornoway | 28.86 | 61 | S | 10 | bc | 29.89 | +0.02 | 52 | 50 | +3 | SSW | 6 | bc | 6 | 61 | 48 | 0.12 | | |
| | Wick | 29.12 | 59 | S | 8 | bc | 29.56 | +0.19 | 53 | 49 | -2 | SW | 4 | bc | 4 | 63 | 50 | - | | |
| | Mullaghmore | 28.99 | 59 | SW | 10 | 0 | 29.86 | +0.40 | 55 | 53 | -7 | SSW | 6 | bc | 5 | 66 | 39 | 0.01 | | |
| | Parslowtown | 29.40 | 52 | SSW | 9 | bc | 29.69 | +0.40 | 51 | 49 | -9 | S | 1 | bc | 2 | 65 | 45 | - | | |
| | Baricity | 29.72 | 52 | SW | 3 | bc | 30.19 | +0.21 | 64 | 60 | 0 | NE | 4 | 0 | 3 | 85 | 39 | - | | |
| | Brussels | | | | | | 30.04 | +0.02 | 60 | 59 | -1 | WSW | 3 | 0 | 2 | 68 | 57 | - | | |
| | Londor | 30.10 | 63 | 2 | 0 | m | 30.08 | +0.04 | 61 | 60 | 0 | 2 | 0 | m | 1 | 66 | 57 | - | | |
| | Stornoway 2pm | | | | | | 29.94 | | 54 | 51 | | W | 5 | of | 4 | | | | | |
| | Mullaghmore 2pm | | | | | | 30.18 | | 57 | 53 | | W | 5 | omg | 5 | | | | | |
| | Valencia | | | | | | 30.36 | | 59 | 56 | | WSW | 4 | cm | 5 | | | | | |
| 3 rd | Cusham | 30.07 | 57 | WNW | 1 | h | 30.11 | +0.07 | 55 | 55 | -3 | SW | 1 | f | 4 | 66 | 50 | 0.19 | | |
| | Stornoway | 29.47 | 53 | SSW | 5 | 0 | 29.78 | +0.37 | 48 | 48 | -4 | WNW | 4 | p | 4 | 55 | 42 | 0.61 | | |
| | Mullaghmore | 29.55 | 49 | W | 6 | h | 30.02 | +0.46 | 52 | 51 | -3 | W | 6 | qpm | 5 | 57 | 48 | 0.76 | | |
| | Valencia | 29.82 | 53 | SW | 6 | bc | 30.23 | +0.57 | 55 | 52 | -1 | WSW | 3 | c | 5 | 58 | 48 | 0.33 | | |
| | Brussels | | | | | | 30.14 | +0.13 | 54 | 51 | -6 | SW | 4 | bc | 2 | 62 | 48 | 0.04 | | |
| | Londor | 30.13 | 64 | S | 1 | f | 30.12 | +0.04 | 65 | 61 | +4 | E | 1 | m | 1 | 66 | 59 | - | | |
| | Mullaghmore 2pm | | | | | | 29.57 | | 57 | 55 | | W | 4 | om | 3 | | | | | |
| 4 th | Cusham | 30.11 | 58 | 2 | 0 | h | 30.29 | +0.18 | 56 | 54 | 0 | WSW | 1 | bc | 4 | 59 | 48 | 0.40 | | |
| | Stornoway | 30.01 | 52 | SSW | 4 | h | 30.29 | +0.53 | 54 | 54 | +6 | W | 5 | om | 3 | 54 | 47 | 0.05 | | |
| | Mullaghmore | 30.24 | 55 | WSW | 5 | 0 | 30.52 | +0.50 | 55 | 53 | +3 | W | 5 | 0 | 4 | 57 | 51 | 0.05 | | |
| | The Helder | 30.24 | 59 | W | 4 | bc | 30.31 | +0.22 | 56 | 52 | +7 | NW | 3 | c | 3 | 57 | ? | 0.20 | | |
| | Mullaghmore 2pm | | | | | | 30.60 | | 55 | 52 | | NE | 4 | 0 | 3 | | | | | |
| | Rochefort 2pm | | | | | | 30.08 | | 59 | 55 | | NE | 7 | 0 | 2 | | | | | |
| 5 th | Cusham | 30.32 | 5 | WNW | 2 | bc | 30.48 | +0.19 | 56 | 56 | +1 | ESE | 4 | bc | 4 | 57 | 48 | 0.04 | | |
| | Mullaghmore | 30.63 | 56 | WNW | 2 | 0 | 30.65 | +0.13 | 52 | 49 | -3 | ESE | 3 | om | 2 | 58 | 50 | - | | |
| | Corunna | | | | | | 30.16 | | 60 | 59 | | ESE | 8 | bc | 5 | 66 | 55 | - | | |
| 6 th | Corunna | | | | | | 29.96 | -0.20 | 50 | 49 | -10 | ESE | 4 | bc | 3 | 68 | 46 | - | | |
| | Sumburgh Hd | 30.61 | 51 | SE | 1 | 0 | 30.51 | -0.13 | 51 | 49 | 0 | NE | 3 | 0 | 2 | 58 | 48 | - | | |
| | Rochefort 2pm | | | | | | 29.90 | | 59 | 55 | | SSE | 5 | c | 2 | | | | | |
| 7 th | Sumburgh Hd | 30.61 | 51 | SE | 1 | 0 | 30.51 | -0.13 | 51 | 49 | 0 | NE | 3 | 0 | 2 | 58 | 48 | - | | |
| | Corunna | | | | | | 29.86 | -0.10 | 51 | 50 | +1 | ESE | 4 | bc | 2 | 66 | 48 | - | | |
| 8 th | Corunna | | | | | | 29.93 | 0.00 | 63 | 60 | +11 | S | 1 | 0 | 3 | 73 | 50 | - | | |
| 10 th | Corunna | | | | | | 29.93 | 0.00 | 67 | 65 | +4 | SSE | 4 | 0 | 1 | 72 | 59 | 0.16 | | |
| 11 th | Cusham | 30.13 | 5 | SSE | 1 | f | 29.94 | -0.20 | 58 | 58 | +7 | SE | 3 | f | 2 | 5 | 43 | - | | |
| | Sumburgh Hd | 29.92 | 50 | W | 3 | 0 | 29.72 | -0.22 | 52 | 50 | +1 | SE | 4 | m | 4 | 54 | 46 | 0.03 | | |
| 12 th | Corunna | | | | | | 29.89 | +0.11 | 57 | 55 | -7 | SW | 7 | 0 | 5 | 72 | 55 | 0.24 | | |
| 13 th | Corunna | | | | | | 29.89 | 0.00 | 57 | 55 | 0 | W | 8 | 0 | 6 | 63 | 55 | 0.28 | | |
| 16 th | Cusham | 30.03 | 5 | ESE | 4 | bc | 30.01 | -0.11 | 58 | 57 | -4 | E | 3 | c | 2 | 45 | 36 | - | | |
| 17 th | Corunna | | | | | | 30.00 | | 56 | 53 | | W | 1 | bc | 2 | 66 | 50 | 0.08 | | |
| 18 th | Corunna | | | | | | 29.98 | -0.02 | 57 | 54 | +3 | SE | 4 | 0 | 3 | 63 | 48 | - | | |
| 19 th | Skagen | 30.41 | 64 | E | 3 | 0 | 30.36 | +0.03 | 43 | 42 | +2 | E | 3 | h | 2 | 45 | 39 | 0.04 | | |
| | Lyon | 30.20 | 51 | W | 1 | 0 | 30.13 | -0.04 | 42 | 40 | -6 | W | 1 | h | 2 | 56 | 39 | 0.08 | | |
| 20 th | Pembroke | 29.67 | 54 | W | 2 | bc | 29.63 | +0.01 | 54 | 53 | 0 | SW | 3 | 0 | 3 | 56 | 52 | 0.16 | | |
| | The Helder | 29.93 | 48 | SE | 1 | c | 29.80 | -0.32 | 47 | 47 | +4 | SE | 1 | bc | 1 | 48 | 43 | - | | |

SUMMARY of the METEOROLOGICAL OBSERVATIONS made at TELEGRAPHIC REPORTING

Observations are made

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

| Names of Districts | Names of Stations | Mean Height of Barometer (at 32° Fahrenheit and Mean Sea Level) from observations made at 8 a.m. | Air Temperature | | | | | | | | Tension of Vapour |
|--------------------------|------------------------------------|---|-----------------|----------|--------|---------------------------|-------------------|--|---------|-----------------------------------|-------------------|
| | | | At 8 a.m. | Means of | | | Absolute Extremes | | | | |
| | | | | Minima | Maxima | Min. and Max. combined | Minimum | Date | Maximum | Date | |
| | | ins. | ° | ° | ° | ° | ° | ° | ° | ins. | |
| 0. SCOTLAND, N. | Sumburgh Head ... | 29.857 | 48.5 | 45.0 | 52.2 | 48.6 | 35 | 29 th | 60 | 1 st | 0.292 |
| | Wick ... | 29.804 | 48.3 | 43.2 | 53.5 | 48.4 | 32 | 28 th , 30 th + 31 st | 63 | 1 st | .289 |
| | Stornoway ... | 29.759 | 47.8 | 42.6 | 53.8 | 48.2 | 32 | 26 th + 27 th | 62 | 12 th | .310 |
| 1. SCOTLAND, E. | Nairn ... | 29.798 | 45.8 | 42.0 | 53.3 | 47.7 | 30 | 30 th | 68 | 1 st | .274 |
| | Aberdeen ... | 29.832 | 47.6 | 43.5 | 54.6 | 49.1 | 30 | 30 th + 31 st | 64 | 1 st + 4 th | .288 |
| | Leith ... | 29.809 | 48.1 | 41.7 | 54.9 | 48.3 | 29 | 26 th , 27 th + 28 th | 69 | 1 st | .298 |
| 2. ENGLAND, N.E. | Shields ... | 29.838 | 49.3 | 44.5 | 54.1 | 49.3 | 34 | 26 th | 67 | 1 st | .308 |
| | York ... | 29.846 | 47.9 | 44.1 | 55.7 | 49.9 | 34 | 26 th + 27 th | 69 | 1 st | .305 |
| | Spurn Head ... | 29.824 | 50.7 | 47.8 | 54.9 | 51.4 | 39 | 26 th + 30 th | 66 | 1 st | .337 |
| 3. ENGLAND, E. | Yarmouth ... | 29.835 | 51.4 | 46.8 | 55.5 | 51.2 | 36 | 25 th , 26 th + 30 th | 65 | 1 st | .338 |
| | Cambridge ... | 29.842 | 48.1 | 42.4 | 57.0 | 49.7 | 29 | 26 th | 70 | 1 st | .316 |
| 4. MIDLAND COUNTIES. | Loughborough ... | 29.845 | 46.8 | 42.9 | 55.7 | 49.3 | 30 | 26 th | 67 | 1 st | .299 |
| | Oxford ... | 29.837 | 47.7 | 43.9 | 56.1 | 50.0 | 32 | 26 th + 27 th | 67 | 1 st | .313 |
| 5. ENGLAND S. | London ... | 29.842 | 49.5 | 44.5 | 57.9 | 51.2 | 31 | 26 th | 69 | 1 st | .319 |
| | Dover ... | 29.837 | 52.3 | 49.7 | 57.2 | 53.5 | 41 | 30 th | 64 | 1 st | .352 |
| | Hurst Castle ... | 29.819 | 52.5 | 47.6 | 57.9 | 52.8 | 39 | 29 th + 30 th | 66 | 1 st | .357 |
| 6. SCOTLAND, W. | Ardrossan ... | 29.803 | 48.8 | 44.5 | 54.2 | 49.4 | 32 | 27 th | 61 | 1 st | .344 |
| 7. ENGLAND, N.W. | *Hawes Junction ... | 28.601 | 45.2 | 41.0 | 50.3 | 45.7 | 31 | 26 th | 62 | 1 st | .285 |
| | Barrow-in-Furness... | 29.814 | 50.3 | 47.3 | 56.0 | 51.7 | 41 | 26 th + 29 th | 66 | 6 th | .321 |
| | Liverpool Obs ^r Bidston | 29.818 | 48.5 | 45.4 | 54.6 | 50.0 | 35 | 26 th | 68 | 1 st | .311 |
| | Holyhead ... | 29.798 | 51.7 | 47.7 | 55.7 | 51.7 | 41 | 26 th | 65 | 1 st | .337 |
| 8. ENGLAND, S.W. | Pembroke ... | 29.785 | 52.2 | 48.9 | 55.8 | 52.4 | 42 | 29 th | 63 | 1 st | .345 |
| | Prawle Point ... | 29.814 | 51.8 | 47.5 | 56.9 | 52.2 | 37 | 29 th | 68 | 4 th | .354 |
| 9. IRELAND, N. | Donaghadee ... | 29.797 | 49.6 | 45.3 | 54.9 | 50.1 | 33 | 24 th + 25 th | 62 | 1 st | .327 |
| | Mullaghmore ... | 29.746 | 48.7 | 45.0 | 55.5 | 50.3 | 38 | 28 th | 66 | 1 st | .302 |
| 10 IRELAND, S. | Parsonstown ... | 29.792 | 45.1 | 40.8 | 55.4 | 48.1 | 29 | 26 th , 27 th + 29 th | 65 | 1 st | .272 |
| | Valencia ... | 29.773 | 51.3 | 45.3 | 57.2 | 51.3 | 38 | 25 th | 65 | 13 th | .342 |
| | Roche's Point | 29.779 | 50.7 | 45.9 | 57.8 | 51.9 | 38 | 24 th + 26 th | 63 | 4 th + 6 th | .337 |
| CHANNEL ISLANDS. | Scilly (St. Mary's)... | 29.790 | 54.5 | 51.1 | 57.4 | 54.3 | 45 | 25 th | 63 | 2 nd | .378 |
| | Jersey (Noirmont)... | 29.831 | 54.0 | 50.5 | 58.0 | 54.3 | 44 | 30 th | 68 | 1 st | .371 |

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

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

STATIONS in the BRITISH ISLANDS during the month of OCTOBER. 1882
at 8 a.m. daily.

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

| Relative Humidity | Amount of Cloud | Rainfall | | | Weather | | | | | | | Wind | | | | | | | | |
|-------------------|-----------------|-------------------------|-------------------------|------------------------------------|----------------|------|------|---------------|-----------|----------|-------|------------------------|------|------|------|-------|------|------|------|-------|
| | | 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 |
| % | | ins. | in. | | | | | | | | | | | | | | | | | |
| 86 | 7.0 | 2.52 | 0.58 | 22 nd | 24 | 0 | 0 | 0 | 7 | 16 | 3 | 5 | 2 | 3 | 7 | 8 | 2 | 2 | 1 | 1 |
| 86 | 7.4 | 2.41 | 0.45 | 19 th | 17 | 0 | 0 | 0 | 3 | 16 | 5 | 4 | 0 | 1 | 6 | 10 | 2 | 2 | 5 | 1 |
| 93 | 7.1 | 3.54 | 0.61 | 22 nd | 20 | 0 | 0 | 0 | 5 | 16 | 7 | 3 | 1 | 6 | 6 | 8 | 1 | 2 | 1 | 1 |
| 89 | 5.7 | 1.94 | 0.69 | 27 th | 16 | 0 | 0 | 0 | 11 | 13 | 1 | 0 | 0 | 5 | 3 | 1 | 5 | 3 | 0 | 14 |
| 88 | 6.1 | 2.93 | 0.58 | 15 th | 24 | 0 | 0 | 0 | 10 | 13 | 6 | 2 | 1 | 4 | 3 | 9 | 4 | 3 | 2 | 3 |
| 89 | 6.1 | 2.49 | 0.51 | 8 th + 15 th | 27 | 0 | 0 | 0 | 5 | 11 | 1 | 0 | 2 | 3 | 2 | 8 | 4 | 5 | 3 | 4 |
| 88 | 7.8 | 2.66 | 0.34 | 30 th | 19 | 0 | 0 | 0 | 2 | 16 | 3 | 1 | 3 | 5 | 4 | 2 | 7 | 6 | 3 | 0 |
| 93 | 7.2 | 4.48 | 0.75 | 24 th | 22 | 0 | 0 | 0 | 5 | 18 | 0 | 1 | 5 | 4 | 3 | 12 | 1 | 5 | 0 | 0 |
| 91 | 6.0 | 2.82 | 0.90 | 24 th | 20 | 0 | 0 | 0 | 8 | 10 | 4 | 2 | 4 | 6 | 3 | 5 | 5 | 3 | 3 | 0 |
| 89 | 4.7 | 4.34 | 1.05 | 24 th | 21 | 0 | 0 | 0 | 12 | 4 | 5 | 1 | 4 | 6 | 4 | 2 | 6 | 5 | 1 | 2 |
| 94 | 7.2 | 5.14 | 0.86 | 24 th | 24 | 0 | 0 | 0 | 6 | 17 | 1 | 4 | 5 | 4 | 1 | 5 | 4 | 5 | 2 | 1 |
| 93 | 7.8 | 5.22 | 1.31 | 24 th | 22 | 0 | 0 | 0 | 3 | 19 | 7 | 1 | 4 | 5 | 4 | 2 | 2 | 4 | 2 | 7 |
| 95 | 7.7 | 5.83 | 0.99 | 24 th | 24 | 0 | 0 | 0 | 6 | 20 | 0 | 1 | 6 | 4 | 4 | 5 | 3 | 2 | 1 | 5 |
| 90 | 7.5 | 5.44 | 0.55 | 15 th | 25 | 0 | 0 | 0 | 7 | 20 | 5 | 2 | 4 | 3 | 4 | 4 | 5 | 4 | 1 | 4 |
| 90 | 4.5 | 4.07 | 0.64 | 28 th | 23 | 0 | 0 | 0 | 11 | 6 | 5 | 5 | 3 | 5 | 4 | 4 | 4 | 3 | 3 | 0 |
| 90 | 6.2 | 7.76 | 1.52 | 15 th | 24 | 0 | 0 | 0 | 6 | 7 | 6 | 2 | 4 | 5 | 2 | 4 | 5 | 5 | 4 | 0 |
| 100 | 7.5 | 4.72 | 0.76 | 20 th | 21 | 0 | 1 | 0 | 6 | 19 | 1 | 2 | 8 | 8 | 1 | 3 | 1 | 3 | 1 | 4 |
| 95 | 7.0 | 4.93 | 0.74 | 19 th | 29 | 0 | 0 | 0 | 5 | 16 | 0 | 1 | 6 | 9 | 3 | 4 | 3 | 3 | 1 | 1 |
| 88 | 7.7 | 3.82 | 0.53 | 23 rd | 19 | 0 | 0 | 0 | 2 | 17 | 3 | 4 | 11 | 2 | 7 | 3 | 1 | 2 | 1 | 0 |
| 91 | 6.4 | 2.39 | 0.40 | 19 th | 18 | 0 | 0 | 0 | 7 | 11 | 0 | 1 | 5 | 6 | 8 | 3 | 4 | 1 | 1 | 2 |
| 87 | 7.0 | 4.10 | 0.61 | 21 st | 22 | 0 | 0 | 0 | 5 | 11 | 2 | 1 | 4 | 6 | 4 | 4 | 7 | 3 | 1 | 1 |
| 89 | 7.8 | 5.42 | 0.70 | 31 st | 23 | 0 | 0 | 0 | 0 | 14 | 2 | 2 | 7 | 7 | 2 | 4 | 2 | 6 | 1 | 0 |
| 91 | 7.8 | 7.94 | 1.58 | 23 rd | 22 | 0 | 0 | 0 | 2 | 16 | 2 | 5 | 4 | 4 | 0 | 6 | 5 | 4 | 2 | 1 |
| 93 | 6.4 | 2.66 | 0.59 | 18 th | 13 | 0 | 0 | 0 | 3 | 7 | 3 | 2 | 5 | 2 | 3 | 10 | 4 | 4 | 1 | 0 |
| 88 | 7.2 | 3.44 | 0.76 | 22 nd | 17 | 0 | 0 | 0 | 5 | 12 | 4 | 1 | 2 | 6 | 5 | 3 | 7 | 5 | 1 | 1 |
| 90 | 7.6 | 3.35 | 0.74 | 18 th | 16 | 0 | 0 | 0 | 4 | 19 | 3 | 4 | 0 | 1 | 2 | 8 | 3 | 2 | 1 | 10 |
| 90 | 6.3 | 9.06 | 1.92 | 18 th | 22 | 0 | 0 | 0 | 3 | 9 | 3 | 2 | 3 | 3 | 6 | 2 | 4 | 3 | 2 | 6 |
| 91 | 6.4 | 6.19 | 2.05 | 18 th | 18 | 0 | 0 | 0 | 8 | 13 | 3 | 8 | 3 | 2 | 3 | 2 | 5 | 6 | 2 | 0 |
| 89 | 8.6 | 4.51 | 0.80 | 18 th | 25 | 0 | 0 | 0 | 0 | 18 | 5 | 2 | 3 | 1 | 2 | 4 | 5 | 5 | 5 | 4 |
| 89 | 6.8 | 5.89 | 0.64 | 19 th | 24 | 0 | 0 | 0 | 4 | 12 | 6 | 3 | 4 | 2 | 3 | 4 | 8 | 5 | 2 | 0 |

Barometric Observations at this station are not corrected for altitude

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

| 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. | Sec. (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. | | |
| 21 st | Corunna..... | * | * | * | * | * | 29.88 | - 1.1 | 64 | 63 | + 7 | SW | 8 | 0 | 4 | 68 | 55 | 0.24 | |
| 23 rd | Pravle Point.. | 29.51 | 54 | WSW | 7 | c | 29.56 | + 2.1 | 50 | 45 | + 1 | WSW | 7 | 0 | 6 | 55 | 45 | 0.10 | |
| 24 th | Cambridge.... | 29.52 | 42 | SW | 1 | b | 29.27 | - 2.1 | 45 | 45 | + 2 | E | 1 | 2 | 4 | 53 | 37 | 0.21 | |
| | Corunna..... | * | * | * | * | c | 29.84 | - 1.6 | 58 | 54 | - 2 | WSW | 8 | 60 | 7 | 66 | 52 | - | |
| | Sheddenas 2pm | - | - | - | - | - | 29.49 | - | 51 | 46 | - | ESE | 6 | 0 | 5 | - | - | - | |
| 25 th | Corunna..... | * | * | * | * | * | 29.80 | - 0.4 | 58 | 50 | - 5 | SW | 8 | 0 | 5 | 61 | 46 | 0.28 | |
| 26 th | Corunna..... | * | * | * | * | * | 29.79 | - 0.1 | 55 | 53 | + 2 | SSW | 7 | 2 | 5 | 59 | 46 | 0.63 | |
| 27 th | Pembroke..... | 29.29 | 51 | W | 4 | c | 29.37 | - 0.8 | 44 | 42 | - 5 | ESE | 3 | 0 | 2 | 52 | 43 | 0.60 | |
| 28 th | Pembroke..... | 29.52 | 48 | NE | 3 | m | 29.70 | + 3.3 | 50 | 47 | + 6 | NE | 3 | hazy | 2 | 50 | 43 | - | |
| | Corunna..... | * | * | * | * | * | 29.35 | - | 52 | 51 | - | NW | 9 | 2 | 7 | 7 | 7 | 0.32 | |
| 30 th | Corunna..... | * | * | * | * | * | 30.11 | + 2.0 | 54 | 53 | + 3 | NW | 4 | 60 | 4 | 61 | 50 | 0.08 | |
| 31 st | Corunna..... | * | * | * | * | * | 30.04 | - 0.7 | 53 | 50 | - 1 | NW | 1 | 6 | 1 | 63 | 43 | - | |
| 2. CORRECTIONS. | | | | | | | | | | | | | | | | | | | |
| 1 st | Stormway..... | - | - | - | - | - | 29.31 | - 4.4 | - | - | - | - | - | - | - | - | - | - | |
| | Leith..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.02 | |
| | Anderson..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.03 | |
| | Pembroke..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.05 | |
| 3 rd | Pravle Point..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.24 | |
| 5 th | Nairn..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | No rain | |
| | Donatiborough..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.06 | |
| | Pravle Point..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 63 | - | - | |
| 8 th | Pembroke..... | 29.48 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 9 th | Spurn Head..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 57 | - | - | |
| | Mullaghmore..... | - | - | - | - | - | 30.09 | + 0.4 | - | - | - | - | - | - | - | - | - | - | |
| 11 th | Pravle Point..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.21 | |
| 14 th | Lumbagh Hd..... | - | - | - | - | - | - | - | 51 | - | - | - | - | - | - | - | - | - | |
| | York..... | - | - | - | - | - | 29.99 | + 2.2 | - | - | - | - | - | - | - | - | - | - | |
| | Chirpford..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 57 | - | - | |
| 15 th | Lumbagh Hd..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 52 | - | - | |
| | Chirpford..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 46 | - | |
| 16 th | Nairn..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.02 | |
| | Anderson..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 45 | - | |
| | Pravle Point..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 52 | 0.09 | |
| 20 th | York..... | - | - | - | - | - | 29.71 | - | - | - | - | - | - | - | - | - | - | - | |
| 22 nd | Holyhead..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.61 | |
| 26 th | Leith..... | - | 56 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | |
| 28 th | Stormway..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 0.02 | |
| 30 th | Mullaghmore..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 41 | - | |
| 31 st | Anderson..... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 41 | - | |
| The Total amount of Rainfall at Anderson for September 1882. should be 3.77 ins., and that at Leith 1.86 ins. | | | | | | | | | | | | | | | | | | | |

The Total amount of Rainfall at Anderson for September 1882 should be 3.77 ins., and that at Leith 1.86 ins.