

METEOROLOGICAL OFFICE

LONDON.

DAILY WEATHER REPORTS.

1ST JULY—31ST DECEMBER.

1884.

Sec. Reg. Lond.

DAILY WEATHER REPORT.

July to December 1884.



DAILY WEATHER REPORT

for *Saturday 1st November 1884.*

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

| STATIONS. | + YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|--------|-------------------|----------|--|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|---|----------------|------|---------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dirce. | Force. (0 to 12). | | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirce. | Force. (0 to 12). | | | | Max. | Min. | |
| Haparanda | 29.67 | 41 | WNW | 4 | h | | 29.71 | + .06 | 44 | 41 | + 9 | SW | 6 | h | * | * | ? | 30 | 0.04 |
| Hernösand ... | 29.73 | 46 | SW | 2 | o | | 29.90 | + .09 | 50 | 47 | + 10 | Z | 0 | c | * | * | ? | 27 | - |
| Stockholm ... | 30.13 | 50 | SW | 4 | o | | 30.25 | + .13 | 52 | 48 | + 6 | SW | 4 | o | * | * | ? | ? | 0.04 |
| Wisby ... | 30.29 | 48 | W | 6 | o | | 30.34 | + .11 | 45 | 44 | - 1 | SW | 6 | h | * | * | 48 | 41 | - |
| Bodö ... | 30.23 | 49 | SW | 6 | o | | 29.45 | + .37 | 46 | 45 | + 3 | SW | 9 | h | * | * | 48 | 39 | 0.28 |
| Christiansund ... | 29.84 | 53 | SW | 8 | o | | 29.67 | + .20 | 50 | 48 | + 1 | SW | 6 | h | * | * | 55 | 45 | 0.25 |
| Skudesnaes ... | 29.94 | 52 | SSW | 6 | h | | 30.01 | + .19 | 52 | 50 | - 1 | SSE | 8 | o | * | * | 54 | 52 | - |
| Oxö (Xilansund) ... | 30.08 | 53 | SW | 6 | o | | 30.17 | + .22 | 52 | 51 | - 1 | SEW | 6 | m | * | * | ? | 52 | - |
| Skagen (The Skaw) | 30.22 | 51 | SW | 6 | o | | 30.24 | + .22 | ? | 46 | ? | SEW | 5 | h | * | * | 54 | 46 | - |
| Fanö ... | 30.32 | 49 | SSW | 4 | h | | 30.30 | + .11 | 44 | 44 | - 8 | S | 4 | m | * | * | 52 | 43 | - |
| Cuxhaven ... | 30.39 | 45 | SSW | 1 | h | | 30.37 | .00 | 35 | 35 | - 9 | SSE | 1 | h | * | * | 52 | 34 | - |
| Sumburgh Head | 29.61 | 52 | SW | 6 | c | | 29.70 | + .30 | 50 | 47 | - 4 | SW | 3 | o | * | * | 55 | 41 | 0.04 |
| Stornoway ... | 29.60 | 51 | SSW | 5 | om | | 29.64 | + .28 | 46 | 46 | - 6 | SSW | 1 | d | * | * | 53 | 45 | 0.23 |
| Wick ... | 29.64 | 50 | S | 2 | bc | | 29.65 | + .17 | 50 | 50 | - 5 | Z | 0 | oh | * | * | 58 | 48 | 0.10 |
| Nairn ... | 29.70 | 46 | SE | 2 | h | | 29.65 | + .18 | 48 | 47 | - 10 | SE | 1 | h | * | * | 60 | 43 | 0.05 |
| Aberdeen ... | 29.81 | 52 | SSW | 1 | o | | 29.74 | + .11 | 53 | 51 | - 2 | S | 4 | o | * | * | 59 | 49 | 0.03 |
| Leith ... | 29.81 | 58 | WSW | 5 | o | | 29.77 | + .06 | 56 | 52 | - 2 | SW | 5 | og | * | * | 59 | 55 | 0.01 |
| Shields ... | 29.98 | 58 | S | 4 | o | | 29.93 | .00 | 51 | 49 | - 6 | S | 2 | om | * | * | 60 | 50 | - |
| Spurn Head ... | 30.15 | 52 | SSW | 4 | bc | | 30.10 | - .04 | 49 | 49 | - 3 | S | 4 | m | * | * | 57 | 46 | - |
| York ... | 30.05 | 53 | S | 2 | h | | 30.04 | - .04 | 51 | 49 | - 4 | SSE | 1 | o | * | * | 61 | 49 | - |
| Loughborough... | 30.17 | 52 | SW | 2 | o | | 30.09 | - .08 | 52 | 51 | - 1 | S | 4 | o | * | * | 59 | 47 | - |
| Ardrossan ... | 29.81 | 54 | S | 5 | h m | | 29.71 | - .04 | 55 | 54 | - 0 | S | 7 | opm | * | * | 55 | 48 | 0.82 |
| Mullaghmore ... | 29.74 | 55 | SW | 5 | om | | 29.73 | + .05 | 50 | 49 | - 6 | W | 4 | oh | * | * | 56 | 48 | 0.98 |
| Donaghadee ... | 29.89 | 54 | SW | 6 | h | | 29.75 | - .06 | 55 | 54 | - 0 | SW | 7 | o | * | * | 56 | 52 | 0.24 |
| Parsonstown ... | 29.85 | 56 | SSE | 4 | o | | 29.82 | - .06 | 51 | 50 | - 5 | S | 1 | o | * | * | 58 | 50 | 0.54 |
| Barrow-in-Furness | 30.01 | 53 | SSW | 4 | bc | | 29.92 | - .07 | 52 | 50 | - 2 | SSE | 6 | o | * | * | 57 | 51 | - |
| Holyhead ... | 30.01 | 56 | SSW | 7 | c | | 29.91 | - .11 | 55 | 53 | - 1 | SSW | 7 | cg | * | * | 57 | 51 | - |
| Liverpool (Bidston) | 30.06 | 55 | S | 3 | o | | 29.97 | - .07 | 53 | 50 | - 3 | SSE | 4 | o | * | * | 62 | 51 | - |
| Valencia ... | 29.81 | 57 | S | 9 | h m | | 29.85 | - .02 | 50 | 50 | - 8 | WNW | 1 | h m | * | * | 58 | 49 | 1.36 |
| Roche's Point .. | 29.96 | 54 | SSW | 5 | o | | 29.84 | - .14 | 53 | 52 | - 2 | SW | 2 | o | * | * | 56 | 52 | 0.01 |
| Pembroke ... | 30.09 | 56 | SSW | 6 | o | | 29.93 | - .15 | 56 | 55 | - 0 | S | 6 | c | * | * | 57 | 54 | - |
| Scilly ... | 30.10 | 56 | S | 5 | o | | 29.98 | - .18 | 55 | 54 | - 1 | S | 4 | c | * | * | 58 | 53 | - |
| Prawle Point ... | 30.21 | 53 | S | 3 | c | | 30.09 | - .17 | 54 | 53 | + 1 | SSE | 4 | c | * | * | 56 | 51 | - |
| Hurst Castle ... | 30.26 | 51 | SSW | 3 | c | | 30.14 | - .17 | 54 | 53 | + 1 | SSW | 2 | ow | * | * | 56 | 50 | - |
| Dungeness ... | 30.30 | 55 | S | 4 | o | | 30.20 | - .13 | 47 | 46 | - 6 | SSW | 4 | o | * | * | 56 | 47 | - |
| London ... | 30.26 | 50 | SSW | 4 | c | | 30.17 | - .12 | 51 | 50 | - 2 | SSE | 2 | og | * | * | 58 | 43 | - |
| Oxford ... | 30.23 | 49 | S | 3 | o | | 30.13 | - .13 | 52 | 51 | - 1 | S | 3 | om | * | * | 56 | 47 | - |
| Cambridge ... | 30.24 | 48 | S | 1 | h | | 30.15 | - .12 | 50 | 49 | - 4 | S | 1 | o | * | * | 59 | 43 | - |
| Yarmouth ... | 30.25 | 50 | SSW | 3 | h | | 30.18 | - .07 | 49 | 48 | - 4 | SSW | 4 | o | * | * | 56 | 45 | - |
| The Helder ... | 30.32 | 42 | SSW | 1 | h | | 30.27 | - .05 | 41 | 40 | - 8 | S | 1 | h | * | * | 54 | 39 | - |
| Cape Griz Nez... | 30.29 | 44 | S | 3 | c | | 30.21 | - .09 | 42 | 42 | - 0 | S | 8 | o | * | * | 54 | 39 | - |
| Jersey ... | 30.25 | 53 | SSE | 3 | bc m | | 30.15 | - .15 | 49 | 49 | + 1 | SSE | 4 | om | * | * | 53 | 48 | - |
| Brest ... | 30.21 | 52 | SSE | 4 | h | | 30.11 | - .16 | 56 | 55 | + 5 | SSE | 5 | o | * | * | ? | 50 | - |
| Lorient ... | 30.25 | 53 | SE | 4 | o | | 30.12 | - .20 | 52 | 52 | + 9 | SE | 4 | m | * | * | 55 | 39 | - |
| Rochefort ... | 30.32 | 59 | SSE | 3 | h | | 30.21 | - .14 | 50 | 50 | + 3 | S | 7 | h | * | * | 70 | 43 | - |
| Biarritz ... | 30.27 | 61 | E | 1 | h | | 30.17 | - .08 | 62 | 61 | + 10 | S | 4 | c | * | * | 66 | 7 | - |
| Corunna ... | * | * | * | * | * | | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels ... | * | * | * | * | * | | 30.30 | - .13 | 44 | 43 | + 7 | SSW | 1 | o | * | * | 50 | ? | - |
| Charleville ... | * | * | * | * | * | | 30.34 | - .09 | 44 | 41 | + 3 | E | 4 | o | * | * | 45 | ? | - |
| Paris ... | 30.38 | 46 | S | 3 | c | | 30.32 | - .13 | 43 | 41 | + 7 | S | 4 | h | * | * | * | * | 0.04 |
| Lyons ... | 30.43 | 48 | S | 1 | h | | 30.39 | - .05 | 45 | 45 | + 1 | SSE | 1 | h | * | * | 50 | 44 | - |
| Toulon ... | 30.49 | 57 | SE | 3 | m | | 30.45 | .00 | 54 | 50 | - 0 | SSE | 3 | m | * | * | 66 | 52 | - |
| Belmullet ... | 29.71 | 53 | WSW | 2 | c | | 29.76 | + .08 | 51 | 51 | - 1 | SSW | 2 | o | * | * | 54 | ? | 0.75 |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dargyfield Lith. London

WEATHER CHARTS

for 8 a.m. on *Saturday* 1st November 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

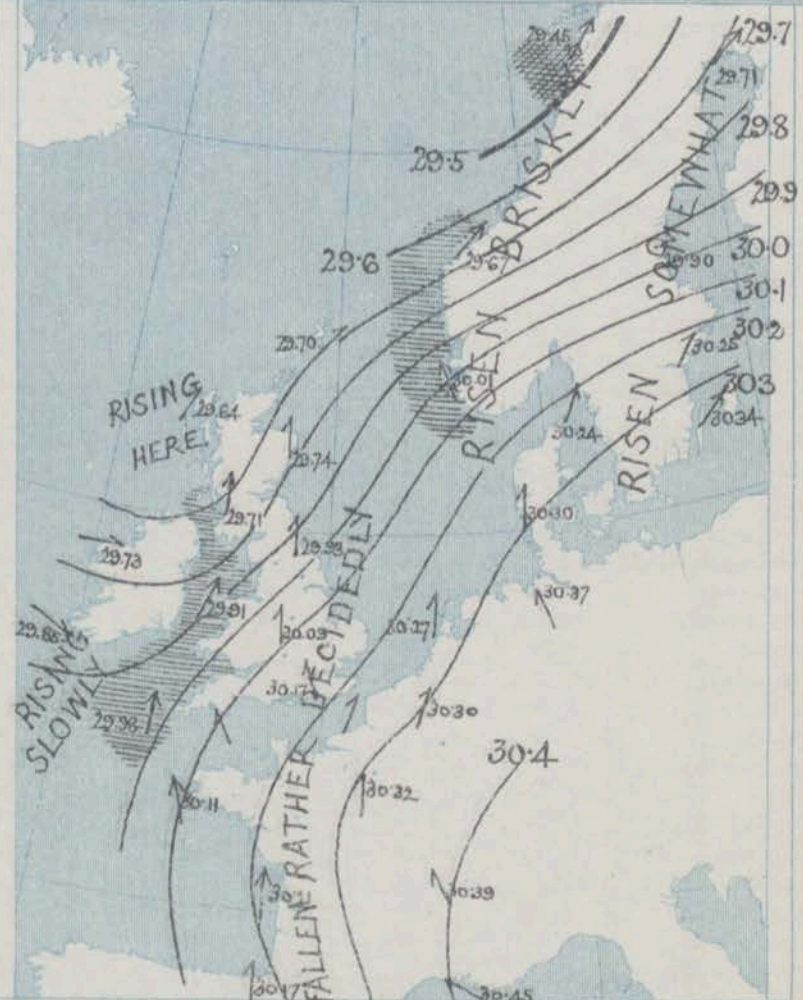
Sea Disturbance — where considerable is shown thus

▨ = Rough, ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|-----------------|---------------|
| Sundburgh Head. | 29.724 |
| Sornoway. | 29.765 |
| Wick. | 29.767 |
| Nairn. | 29.786 |
| Aberdeen. | 29.783 |
| Leith. | 29.820 |
| Shields. | 29.830 |
| York. | 29.847 |
| Ardrossan. | 29.859 |
| Donaghadee. | 29.872 |
| Holyhead. | 29.846 |
| Liverpool. | 29.862 |
| Valencia. | 29.880 |
| Roches Point. | 29.875 |
| Pembroke. | 29.867 |
| Scilly. | 29.889 |
| Burst Castle. | 29.865 |
| Dover. | 29.882 |
| LONDON. | 29.885 |
| Oxford. | 29.888 |
| Cambridge. | 29.878 |
| Yarmouth. | 29.865 |



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

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

Weather — is shown by letters of the Beaufort Scale.

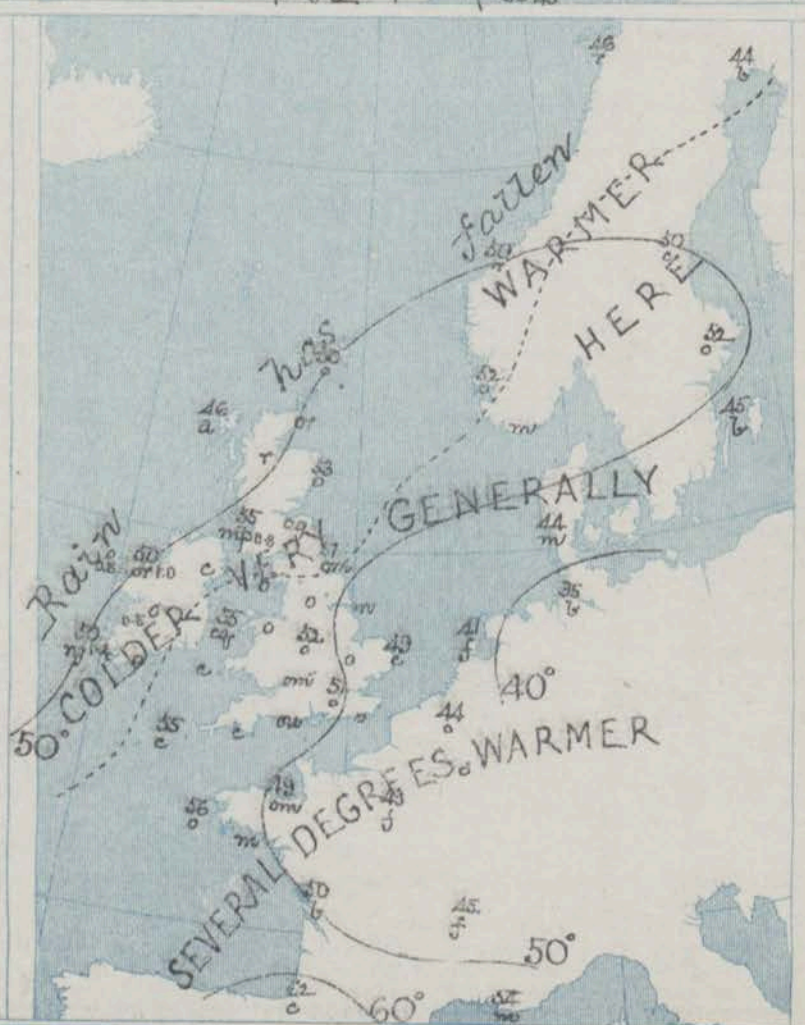
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL. |
|-----------------|-------------|-----------|-----------|
| | Dry Bulb. | Wet Bulb. | |
| Sundburgh Head. | 47.0 | 39.4 | 4.18 |
| Sornoway. | 46.3 | 39.1 | 4.54 |
| Wick. | 45.8 | 39.2 | 3.79 |
| Nairn. | 46.8 | 37.2 | 2.35 |
| Aberdeen. | 46.2 | 36.3 | 3.22 |
| Leith. | 46.9 | 39.4 | 2.70 |
| Shields. | 47.3 | 39.7 | 3.01 |
| York. | 46.7 | 38.4 | 2.91 |
| Ardrossan. | 46.2 | 39.5 | 3.65 |
| Donaghadee. | 46.6 | 41.2 | 2.03 |
| Holyhead. | 45.1 | 43.3 | 3.61 |
| Liverpool. | 47.4 | 39.8 | 2.53 |
| Valencia. | 46.6 | 44.6 | 6.74 |
| Roches Point. | 45.3 | 43.6 | 4.24 |
| Pembroke. | 46.2 | 44.2 | 3.86 |
| Scilly. | 49.5 | 47.4 | 3.29 |
| Burst Castle. | 44.1 | 43.1 | 2.87 |
| Dover. | 53.6 | 47.9 | 3.78 |
| LONDON. | 51.3 | 39.9 | 2.07 |
| Oxford. | 40.5 | 39.2 | 2.09 |
| Cambridge. | 39.6 | 36.6 | 1.95 |
| Yarmouth. | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Saturday 1st Nov^r 1884, at 8 a.m.

The distribution of pressure recently prevalent over north-western Europe appears to be breaking up. The large low pressure area which lay to the northward of Scotland yesterday has passed away to the northward, and a rise of the barometer has taken place at all the most northern stations; there is, however, a slight fall ~~fall~~ reported in the southern parts of Scotland this morning, owing to the advance of a shallow subsidiary disturbance from the westward. The most important change reported, however, is a general and steady decrease of pressure over the Bay of Biscay and our southern counties, by which means the high pressure area recently prevailing over France, has been transferred in an easterly direction to Germany. S³ winds prevail ^{all} over France and Great Britain, and in many places are strong in force, but in Ireland the S³ gales reported yesterday have given way to variable airs and calms. Temperature has decreased very generally, especially in the north, and dull gloomy weather is reported at almost all stations, and much rain in the west. The sea is still rough in St George's Channel and moderate in the English Channel, but has gone down completely at Valencia.

There are some slight indications of the appearance of a new high pressure area off the west of Ireland; dull, unsettled weather seems likely.

FORECASTS

for the 24 hours ending at NOON on 2nd NOVEMBER 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|---|-----------------------|--|
| 0 { SCOTLAND NORTH | S ³ and variable breezes; changeable, rain at times. | 6 { SCOTLAND WEST | Varying SW ³ breezes, light; showery. |
| 1 { SCOTLAND EAST | -----D-----D-----D----- | 7 { ENGLAND N.W. | -----D-----D-----D----- |
| 2 { ENGLAND N.E. | Same as No 5 | 8 { ENGLAND S.W. | Same as No 5 |
| 3 { ENGLAND EAST | Same as No 5 | 9 { IRELAND NORTH | Same as Nos 6 and 7. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | Variable airs, followed by E ³ breezes; rainy to fair. |
| 5 { ENGLAND SOUTH | SE ¹ or S ³ breezes, light; dull, rain at times. | WARNINGS | None issued. |

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | |
|---|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-------|
| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | |
| Skudesnaes | 29.88 | 53 | 51 | S | 8 | A f | 6 | Valencia | 29.84 | 57 | 57 | S | 9 | A m g |
| Sumburgh Head | 29.49 | 53 | 48 | SW | 6 | C | 5 | Scilly | 30.13 | 58 | 56 | S | 5 | C |
| Stornoway | 29.56 | 52 | 47 | SW | 7 | Om g | 6 | Dungeness | 30.32 | 54 | 49 | SW | 3 | bc |
| Aberdeen | 29.74 | 56 | 53 | SSW | 8 | O g | 4 | London | 30.27 | 56 | 51 | SSW | 4 | b |
| Shields | 29.96 | 59 | 53 | SSW | 6 | C | 2 | Yarmouth | 30.25 | 56 | 54 | SSW | 3 | b |
| Ardrossan | 29.81 | 52 | 52 | SSW | 5 | A | 5 | Jersey | 30.27 | 51 | 50 | S | 2 | b |
| Mullaghmore | 29.77 | 52 | 50 | SW | 5 | O m | 5 | Rochefort | 30.33 | 66 | 61 | SSW | 1 | b |
| Holyhead | 30.02 | 56 | 55 | SSW | 7 | C | 6 | | | | | | | |
| Belmullet | 29.73 | 53 | 53 | SW | 3 | O | 4 | | | | | | | |

REMARKS.

The barometer has risen in the north and north west, but fallen slightly in the south west and south. Strong S^W or S^W winds still prevail on our western and northern coasts, with a gale at Aberdeen and Stornoway, but elsewhere the wind is moderate. The weather is unchanged. The sea is rough in the west and north.

DAILY WEATHER REPORT

for Sunday 2nd November 1884.

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

| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|------------------|---------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|---------|----------------|-------------|----------------|---------------------|--|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | 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 | 29.82 | 40 | SW | 2 | bc | 29.91 | + .20 | 41 | 41 | — 3 | Z | 0 | b | * | 45 | 37 | — | |
| Hernösand ... | 29.95 | 48 | SSW | 4 | o | 30.07 | + .17 | 46 | 44 | — 4 | SSW | 2 | b | * | 55 | 45 | — | |
| Stockholm ... | 30.30 | 44 | SSW | 6 | b | 30.30 | + .05 | 42 | 41 | — 9 | SW | 4 | o | * | 55 | 43 | — | |
| Wisby ... | 29.80 | 45 | SW | 6 | b | 30.32 | — .02 | 45 | 41 | — 0 | SSW | 4 | c | * | 50 | 43 | — | |
| Bodö ... | 29.62 | 48 | SW | 8 | o | 29.76 | + .31 | 44 | 42 | — 2 | SSW | 2 | b | * | 45 | 39 | — | |
| Christiansund ... | 29.71 | 48 | SE | 1 | r | 29.77 | + .10 | 48 | 47 | — 2 | ESE | 2 | f | * | 40 | 45 | 0.51 | |
| Skudesnaes ... | 30.04 | 51 | S | 8 | r | 29.92 | — .09 | 50 | 48 | — 2 | SSE | 8 | o | b | 52 | 50 | — | |
| Oxö (Ålansund) ... | 30.15 | 50 | SSW | 6 | o | 30.09 | — .08 | 47 | 45 | — 5 | SE | 4 | o | 3 | 52 | 46 | — | |
| Skagen (The Skaw) | 30.23 | 39 | SW | 3 | f | 30.14 | — .10 | 45 | 45 | — 7 | SSW | 5 | o | 4 | 46 | 36 | — | |
| Fanö ... | 30.21 | 38 | SSE | 4 | b | 30.09 | — .21 | 26 | 35 | — 8 | SSE | 4 | m | * | 46 | 34 | — | |
| Cuxhaven ... | 30.21 | 43 | SSE | 2 | b | 30.15 | — .22 | 37 | 36 | + 2 | SSE | 3 | f | * | ? | 34 | — | |
| † Sumburgh Head | 29.73 | 46 | W | 2 | o | 29.56 | — .14 | 43 | 43 | — 7 | NNW | 4 | r | 3 | 40 | 42 | 0.47 | |
| † Stornoway ... | 29.76 | 44 | SSW | 1 | c | 29.64 | — .00 | 43 | 43 | — 3 | NNW | 3 | r | e | 47 | 41 | 0.21 | |
| Wick ... | 29.76 | 45 | W | 1 | o | 29.63 | — .02 | 40 | 40 | — 10 | SW | 2 | or | 2 | 58 | 40 | 0.42 | |
| Nairn ... | 29.59 | 48 | SW | 1 | o | 29.66 | + .01 | 39 | 39 | — 9 | Z | 0 | r | 1 | 51 | 39 | 0.57 | |
| † Aberdeen ... | 29.81 | 51 | S | 1 | o | 29.65 | — .09 | 32 | 51 | — 1 | S | 4 | rg | 2 | 55 | 49 | 0.04 | |
| Leith ... | 29.84 | 52 | SE | 1 | o | 29.65 | — .12 | 45 | 44 | — 11 | W | 4 | or | * | 58 | 44 | 0.12 | |
| † Shields ... | 29.89 | 55 | SE | 5 | b | 29.70 | — .23 | 54 | 53 | + 3 | S | 4 | ow | 2 | 58 | 50 | — | |
| Spurn Head ... | 29.96 | 54 | SE | 1 | b | 29.78 | — .26 | 53 | 52 | + 2 | SSE | 5 | o | * | 59 | 50 | — | |
| York ... | 29.96 | 54 | SE | 1 | b | 29.78 | — .26 | 53 | 52 | + 2 | SSE | 5 | o | * | 59 | 50 | — | |
| Loughborough ... | 30.01 | 53 | SSE | 3 | o | 29.85 | — .24 | 52 | 53 | + 2 | SSE | 4 | om | * | 57 | 50 | — | |
| † Ardrossan ... | 29.83 | 50 | Z | 0 | o | 29.71 | — .00 | 45 | 44 | — 10 | NNW | 3 | r | 2 | 56 | 43 | 0.27 | |
| † Mullaghmore ... | 29.81 | 48 | SSE | 3 | or | 29.80 | + .07 | 44 | 45 | — 6 | WSW | 4 | c | 4 | 50 | 41 | 0.23 | |
| Donaghadee ... | 29.85 | 54 | SW | 1 | o | 29.79 | + .04 | 42 | 42 | — 13 | W | 2 | o | 0 | 55 | 41 | 0.47 | |
| Parsonstown ... | 29.84 | 48 | Z | 0 | r | 29.87 | + .05 | 41 | 40 | — 10 | Z | 0 | o | * | 53 | 49 | 0.39 | |
| Barrow-in-Furness | 29.87 | 50 | SSE | 4 | bc | 29.74 | — .18 | 46 | 46 | — 6 | NW | 5 | r | 4 | 56 | 46 | 0.25 | |
| Holyhead ... | 29.86 | 54 | SSW | 3 | c | 29.83 | — .08 | 46 | 45 | — 9 | NW | 6 | rg | 5 | 56 | 45 | 0.40 | |
| Liverpool (Bidston) | 29.90 | 54 | SSE | 2 | o | 29.78 | — .19 | 48 | 48 | — 5 | W | 4 | r | 4 | 59 | 48 | 0.21 | |
| Valencia ... | 29.83 | 48 | NW | 2 | rg | 29.95 | + .10 | 45 | 42 | — 5 | NNW | 3 | c | 4 | 50 | 42 | 0.32 | |
| Roche's Point ... | 29.86 | 48 | N | 3 | r | 29.90 | + .06 | 43 | 42 | — 10 | NW | 2 | bc | 3 | 55 | 41 | 0.28 | |
| Pembroke ... | 29.88 | 50 | S | 5 | c | 29.85 | — .10 | 45 | 45 | — 8 | NNW | 4 | r | 3 | 58 | ? | 0.54 | |
| † Scilly ... | 29.88 | 50 | S | 5 | o | 29.86 | — .12 | 51 | 48 | — 4 | NNW | 5 | op | 6 | 59 | 50 | 0.27 | |
| Prawle Point ... | 30.01 | 55 | WSW | 4 | c | 29.88 | — .24 | 55 | 55 | + 1 | SSW | 4 | o | 4 | 56 | 53 | — | |
| Hurst Castle ... | 30.04 | 55 | SW | 4 | c | 29.91 | — .23 | 56 | 55 | + 2 | S | 3 | bc | 3 | 56 | 53 | — | |
| † Dungeness ... | 30.10 | 54 | SSW | 4 | o | 30.00 | — .20 | 52 | 50 | + 5 | SSE | 4 | bc | 4 | 54 | 51 | — | |
| London ... | 30.07 | 55 | SSE | 2 | ogm | 29.96 | — .21 | 55 | 53 | + 4 | S | 3 | o | * | 55 | 50 | — | |
| Oxford ... | 30.07 | 52 | S | 3 | o | 29.90 | — .23 | 54 | 53 | + 2 | SSE | 4 | o | * | 55 | 51 | — | |
| Cambridge ... | 30.05 | 50 | S | 1 | o | 29.97 | — .18 | 54 | 53 | + 4 | S | 1 | o | * | 54 | 49 | — | |
| † Yarmouth ... | 30.11 | 49 | SSW | 2 | c | 29.97 | — .21 | 51 | 51 | + 2 | S | 4 | cm | 4 | 51 | 46 | 0.01 | |
| The Helder ... | 30.15 | ? | S | ? | b | 30.08 | — .21 | 40 | 40 | — 1 | SSW | 1 | f | 1 | 45 | 37 | — | |
| Cape Griz Nez ... | 30.05 | 47 | S | 4 | o | 29.98 | — .23 | 45 | 44 | + 3 | SSW | 7 | b | 5 | 57 | 44 | — | |
| † Jersey ... | 30.05 | 52 | S | 4 | om | 29.92 | — .23 | 44 | 53 | + 5 | S | 4 | cm | 3 | 55 | 48 | — | |
| Brest ... | 30.00 | 57 | S | 5 | o | 29.87 | — .24 | 56 | 56 | — 0 | S | 4 | o | 4 | ? | 50 | 0.04 | |
| Lorient ... | 30.08 | 56 | SE | 3 | o | 29.91 | — .21 | 55 | 55 | + 3 | SE | 5 | c | 3 | 61 | 50 | — | |
| † Rochefort ... | 30.16 | 59 | S | 4 | b | 30.02 | — .19 | 51 | 50 | + 1 | SSE | 7 | b | 3 | ? | 64 | — | |
| Biarritz ... | 30.09 | 64 | S | 4 | c | 29.94 | — .23 | 57 | 56 | — 5 | S | 5 | bc | 2 | 70 | 54 | — | |
| Corunna ... | ? | ? | ? | ? | ? | 30.00 | — .21 | 60 | 58 | ? | SSW | 3 | o | 3 | 68 | 50 | — | |
| Brussels ... | ? | ? | ? | ? | ? | 30.09 | — .21 | 41 | 41 | — 3 | SSW | 1 | f | * | 55 | 40 | — | |
| Charleville ... | 29.82 | 44 | E | 8 | o | 30.45 | — .19 | 43 | 41 | — 1 | ESE | 8 | o | * | 47 | 41 | — | |
| Paris ... | 30.15 | 45 | SSE | 1 | f | 30.10 | — .22 | 42 | 42 | — 1 | SW | 1 | f | * | ? | ? | — | |
| Lyons ... | ? | ? | ? | ? | ? | 30.18 | — .21 | 44 | 40 | — 4 | WSW | 1 | b | * | 59 | 40 | — | |
| Toulon ... | 30.27 | 57 | SE | 4 | m | 30.27 | — .18 | 54 | 50 | — 2 | ? | 7 | o | 4 | 61 | 50 | — | |
| Bismarck ... | 29.81 | 46 | S | 2 | o | 29.79 | + .02 | 44 | 42 | — 7 | W | 3 | b | * | 49 | ? | 0.20 | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

WEATHER

for 8 a.m. on

CHARTS

Sunday 2nd Nov^r

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

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

⊙ = dead calm.

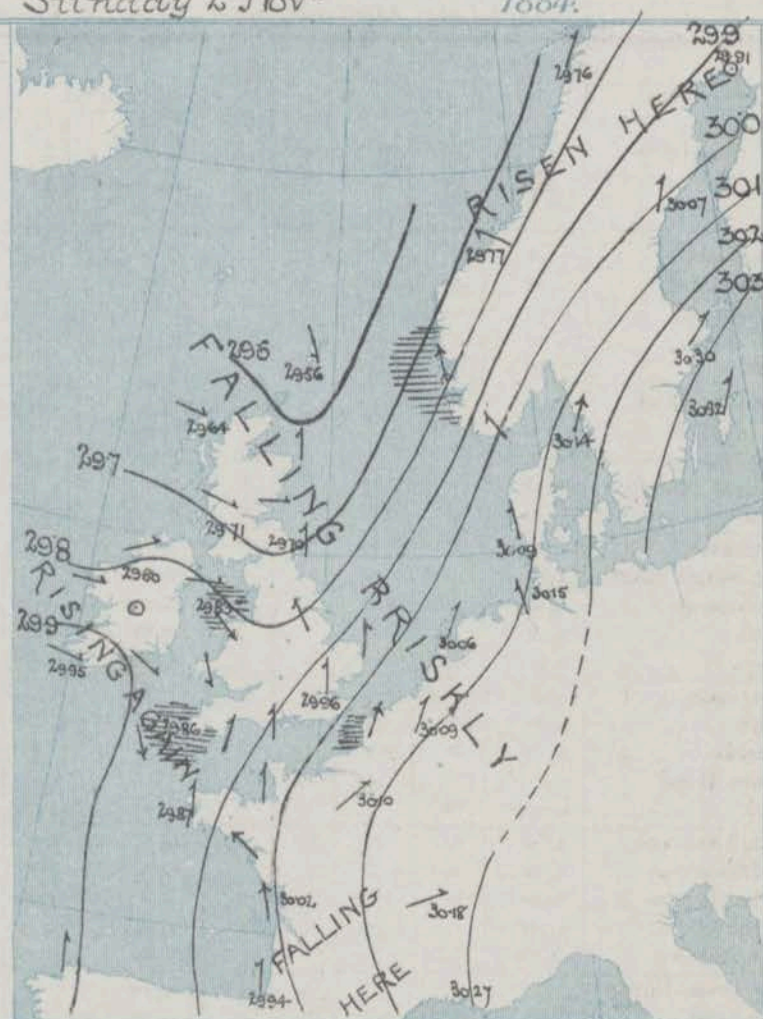
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|-----------------|---------------|
| Sundburgh Head. | 29.724 |
| Stornoway. | 29.755 |
| Wick. | 29.767 |
| Nairn. | 29.786 |
| Aberdeen. | 29.782 |
| Leith. | 29.820 |
| Shields. | 29.830 |
| York. | 29.847 |
| Ardrossan. | 29.824 |
| Donaghadee. | 29.832 |
| Holyhead. | 29.845 |
| Liverpool. | 29.862 |
| Valencia. | 29.850 |
| Roche's Point. | 29.875 |
| Pembroke. | 29.867 |
| Scilly. | 29.839 |
| Hurst Castle. | 29.865 |
| Dover. | 29.862 |
| LONDON. | 29.865 |
| Oxford. | 29.858 |
| Cambridge. | 29.872 |
| Yarmouth. | 29.855 |



REMARKS.

for Sunday 2nd Nov^r 1884. at 8 a.m.

In the course of the past twenty four hours several shallow depressions have advanced over various parts of our Islands, and the barometer is now falling at all but the Irish stations, where a recovery of pressure has set in. The highest pressures are ^{now} found over the Baltic, while a second area of relatively high readings has appeared off our south-west coast. The wind has veered to W. or NW. at all the western stations, but elsewhere it varies between S. and SE. and in several places it blew freshly or strongly. The weather is fine in France and the south of Sweden, but cloudy or overcast elsewhere with rain in several parts of Great Britain. Since yesterday rain has fallen at most of our western and northern stations, the largest amounts being 0.9 in. at Ramothdown, 0.6 in. at Harri and 0.5 in. at Donaghadee and Rochestown. Temperature has fallen several degrees on our western and northern coasts, but risen a little in the south-east; readings now range from 56° at Hurst Castle to 39° at Harri. The sea is rough at Holyhead & Lelly, moderate to smooth elsewhere.

FORECASTS

For the 24 hours ending at NOON on 3rd Nov^r 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

None issued

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

None issued

None issued

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
| Skudesnaes | 30.03 | 50 | 49 | SSE | 9 | 1 | 7 | Valencia | 29.85 | 50 | 49 | 2 | 0 | rm | 1 |
| Sumburgh Head | 29.61 | 48 | 47 | SW | 1 | 0 | 3 | Scilly | | | | | | | |
| Stornoway | 29.70 | 47 | 45 | SSW | 3 | 0 | 2 | Dungeness | 30.02 | 54 | 51 | SSW | 4 | c | 11 |
| Aberdeen | 29.74 | 54 | 52 | S | 3 | 0 | 2 | London | 30.08 | 54 | 52 | SSE | 2 | ag | 3 |
| Shields | 29.89 | 57 | 54 | S | 5 | 0 | 2 | Yarmouth | 30.12 | 49 | 48 | SSW | 3 | c | 3 |
| Ardrossan | 29.82 | 58 | 52 | S | 4 | 0 | 5 | Jersey | 30.07 | 51 | 50 | ESE | 3 | 0 | 2 |
| Mullaghmore | 29.82 | 49 | 47 | SW | 2 | 0 | 3 | Rochefort | 30.19 | 64 | 59 | S | 5 | 6 | 2 |
| Holyhead | 29.90 | 55 | 54 | SSW | 6 | 0 | 5 | | | | | | | | |
| Edinmullet | 29.82 | 48 | 47 | SW | 2 | 0 | 3 | | | | | | | | |

REMARKS.

Pressure is now increasing a little over the north of Ireland, decreasing elsewhere, but beyond this very little change is reported. The sea is still rather rough in the St George's Channel.

DAILY WEATHER REPORT

for *Monday* 3rd Nov^r 1884.

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

| Issued by the Meteorological Office, 10, Victoria Street, London, W. 1. | | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|------|---------------------|--|--|
| † 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 | 29.94 | 41 | SW | 6 | bc | 29.87 | - .04 | 42 | 41 | + 1 | SW | 6 | 0 | * | 43 | 37 | - | | |
| Hernösand ... | 30.03 | 41 | SSW | 6 | bc | 29.95 | - .12 | 41 | 40 | - 5 | SSW | 8 | 0 | * | 50 | 37 | - | | |
| Stockholm ... | 30.22 | 45 | SW | 4 | 0 | 30.14 | - .16 | 44 | 42 | + 1 | SSW | 6 | 0 | * | 46 | 41 | - | | |
| Wisby ... | 30.22 | 42 | S | 6 | bc | 30.17 | - .15 | 41 | 40 | - 4 | S | 6 | 0 | * | 48 | 39 | - | | |
| Bodö † | 29.56 | 47 | E | 2 | 0 | 29.60 | - .16 | 44 | 42 | 0 | SW | 4 | 0 | * | 41 | 41 | 0.08 | | |
| Christiansund † | 29.52 | 49 | SSW | 2 | c | 29.65 | - .12 | 41 | 40 | - 7 | SSW | 1 | λ | 3 | ? | 37 | 0.59 | | |
| † Skudesnaes † | 29.80 | 49 | SSW | 8 | λ | 29.81 | - .11 | 45 | 44 | - 5 | SW | 2 | 0 | 5 | 50 | ? | 1.42 | | |
| Oxö (Kilansund) ... | 29.97 | 47 | SSW | 4 | 0 | 29.81 | - .28 | 48 | 48 | + 1 | SW | 6 | 0 | 4 | ? | 45 | 0.04 | | |
| Skagen (The Skaw) | 30.04 | 48 | S | 5 | 0 | 29.92 | - .22 | 46 | 44 | + 1 | SSW | 6 | 0 | 4 | ? | 45 | - | | |
| Fanö ... | 29.98 | 37 | SSW | 4 | bc | 29.93 | - .16 | 39 | 39 | + 3 | SSW | 4 | 1 | * | 45 | 36 | - | | |
| Cuxhaven ... | 30.07 | 41 | ESW | 1 | bc | 30.01 | - .14 | 36 | 35 | - 1 | SE | 1 | f | * | ? | 33 | - | | |
| † Sumburgh Head | 29.65 | 43 | WSW | 3 | 0 | 29.66 | + .10 | 39 | 38 | - 4 | WSW | 3 | c | 3 | 46 | 37 | 0.20 | | |
| † Stornoway ... | 29.65 | 43 | W | 4 | cp | 29.76 | + .12 | 34 | 34 | - 9 | W | 3 | 6 | 2 | 47 | 38 | 0.21 | | |
| Wick ... | 29.69 | 41 | NW | 2 | bc | 29.78 | + .15 | 37 | 35 | - 3 | NW | 2 | bc | 2 | 43 | 35 | 0.05 | | |
| Nairn ... | 29.74 | 40 | SSW | 1 | bc | 29.78 | + .12 | 36 | 35 | - 3 | W | 1 | λ | 1 | 43 | 35 | 0.12 | | |
| † Aberdeen ... | 29.77 | 43 | NW | 1 | 0 | 29.78 | + .13 | 41 | 39 | - 11 | WSW | 2 | bc | 1 | 52 | 34 | 0.01 | | |
| Leith ... | 29.81 | 45 | W | 2 | 0 | 29.88 | + .23 | 43 | 41 | - 2 | SW | 3 | cp | * | 47 | 39 | 0.01 | | |
| † Shields ... | 29.86 | 46 | SW | 1 | om | 29.96 | + .26 | 40 | 38 | - 14 | SW | 2 | m | 2 | 55 | 39 | 0.08 | | |
| Spurn Head ... | 29.89 | 46 | NNW | 4 | λ | 30.02 | + .26 | 42 | 41 | - 14 | W | 3 | bc | 2 | 56 | 41 | 0.10 | | |
| York ... | 29.92 | 46 | S | 1 | λ | 30.04 | + .26 | 37 | 36 | - 16 | WSW | 1 | bc | * | 58 | 35 | 0.13 | | |
| Loughborough... | 29.95 | 44 | W | 1 | λ | 30.09 | + .24 | 31 | 31 | - 23 | ENE | 1 | of | * | 58 | 31 | 0.28 | | |
| † Ardrossan ... | 29.84 | 46 | WSW | 4 | bc | 29.95 | + .19 | 43 | 42 | - 2 | W | 4 | cp | 3 | 47 | 41 | 0.07 | | |
| † Mullaghmore ... | 29.88 | 43 | SW | 5 | bc | 29.92 | + .12 | 43 | 42 | - 1 | SW | 4 | bc | 4 | 48 | 40 | 0.09 | | |
| † Donaghadee ... | 29.91 | 40 | SW | 2 | bc | 29.96 | + .17 | 38 | 37 | - 4 | W | 2 | bc | 0 | 46 | 35 | - | | |
| † Parsonstown ... | 29.99 | 40 | SW | 1 | bc | 30.03 | + .16 | 36 | 35 | - 5 | W | 0 | bc | * | 48 | 35 | 0.03 | | |
| Barrow-in-Furness | 29.89 | 46 | NW | 3 | bc | 29.99 | + .25 | 47 | 43 | + 1 | W | 3 | bc | 3 | 48 | 40 | 0.04 | | |
| Holyhead ... | 29.95 | 46 | NNW | 3 | bc | 30.05 | + .22 | 46 | 43 | 0 | WSW | 4 | bc | 3 | 48 | 42 | 0.04 | | |
| Liverpool (Bidston) | 29.93 | 47 | W | 3 | 0 | 30.05 | + .27 | 41 | 39 | - 7 | SW | 2 | bc | 3 | 48 | 39 | 0.10 | | |
| Valencia ... | 30.04 | 45 | WNW | 3 | bc | 29.99 | + .04 | 48 | 46 | + 3 | SSW | 4 | og | 4 | 51 | 40 | 0.03 | | |
| Roche's Point .. | 30.07 | 45 | WNW | 2 | bc | 30.07 | + .17 | 41 | 40 | - 2 | N | 1 | bc | 2 | 51 | 37 | - | | |
| Pembroke ... | 29.97 | 47 | NNW | 3 | c | 30.07 | + .22 | 48 | 43 | 0 | WSW | 2 | bc | 1 | 48 | 47 | 0.05 | | |
| Scilly ... | 29.99 | 51 | N | 5 | 0 | 30.10 | + .24 | 46 | 42 | - 5 | E | 1 | bc | ? | 51 | ? | 0.15 | | |
| Prawle Point ... | 29.95 | 46 | NNW | 3 | λ | 30.12 | + .24 | 39 | 37 | - 16 | N | 1 | bc | 2 | 56 | 37 | 0.43 | | |
| Hurst Castle ... | 29.91 | 47 | NNW | 6 | p | 30.09 | + .18 | 39 | 38 | - 17 | N | 3 | bc | 3 | 60 | 37 | 0.29 | | |
| † Dungeness ... | 29.91 | 54 | S | 4 | c | 30.02 | + .02 | 44 | 43 | - 8 | NNE | 3 | λ | 2 | 55 | 44 | 0.20 | | |
| London... | 29.88 | 56 | S | 2 | 0 | 30.07 | + .11 | 42 | 40 | - 13 | NW | 1 | bc | * | 60 | 42 | 0.27 | | |
| Oxford ... | 29.98 | 44 | NW | 1 | λ | 30.10 | + .20 | 35 | 35 | - 19 | W | 1 | bc | * | 60 | 35 | 0.25 | | |
| Cambridge ... | 29.96 | 49 | W | 1 | λ | 30.03 | + .06 | 36 | 36 | - 18 | NNW | 1 | bc | * | 58 | 35 | 0.19 | | |
| Yarmouth ... | 29.88 | 52 | SSW | 4 | c | 30.03 | + .06 | 44 | 43 | - 7 | NW | 2 | bc | 3 | 53 | 43 | 0.09 | | |
| The Helder ... | 29.95 | 40 | S | 1 | bc | 29.96 | - .10 | 49 | 48 | + 9 | NNW | 3 | λ | 3 | ? | ? | - | | |
| Cape Griz Nez... | 29.91 | 48 | S | 4 | bc | 30.00 | + .02 | 47 | 47 | + 2 | N | 7 | λ | 5 | 48 | 45 | 0.12 | | |
| † Jersey ... | 29.87 | 57 | NW | 4 | 0 | 30.06 | + .14 | 48 | 46 | - 6 | NE | 4 | og | 4 | 57 | 47 | 0.36 | | |
| Brest ... | 30.01 | 48 | N | 5 | λ | 30.08 | + .21 | 43 | 39 | - 13 | NE | 4 | c | 4 | 57 | 43 | 0.16 | | |
| Lorient ... | 29.91 | 52 | NNE | 7 | c | 30.07 | + .16 | 48 | 45 | - 7 | NNE | 5 | 0 | 3 | 63 | 45 | 0.63 | | |
| † Rochefort ... | 29.97 | 59 | SSW | 5 | bc | 29.99 | - .03 | 54 | 52 | + 3 | SSW | 5 | bc | 2 | 66 | 45 | - | | |
| † Biarritz ... | 29.92 | 64 | S | 3 | bc | 29.97 | + .03 | 57 | 56 | 0 | SE | 3 | c | 2 | 72 | 55 | - | | |
| Corunna ... | * | * | * | * | * | 29.98 | - .11 | 46 | 44 | + 5 | SEW | 1 | 0 | * | 49 | ? | - | | |
| Brussels ... | * | * | * | * | * | 30.00 | - .15 | 41 | 40 | - 2 | SSW | 1 | 0 | * | 48 | 38 | - | | |
| Charleville ... | 30.06 | 42 | SE | 3 | bc | 30.00 | - .15 | 41 | 40 | - 2 | SSW | 1 | 0 | * | 48 | 38 | - | | |
| Paris ... | 30.01 | 48 | SSW | 3 | bc | 30.02 | - .08 | 50 | 48 | + 8 | S | 4 | 0 | * | * | * | 0.04 | | |
| Lyons ... | 30.05 | 52 | SSW | 4 | bc | 30.18 | - .05 | 39 | 39 | - 2 | SSW | 1 | bc | * | 62 | 40 | - | | |
| Toulon ... | 30.21 | 54 | SE | 7 | m | 30.22 | - .05 | 50 | 46 | - 2 | SE | 4 | m | 4 | 64 | 50 | - | | |
| Delmulet ... | 29.86 | 45 | WNW | 5 | bc | 29.89 | + .10 | 42 | 42 | - 2 | S | 1 | bc | * | 46 | 42 | 0.22 | | |

EXPLANATION OF COLUMNS.

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

Fred^d Dargatzidis Lith London

WEATHER

CHARTS

For 8 a.m. on Monday

3rd November

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

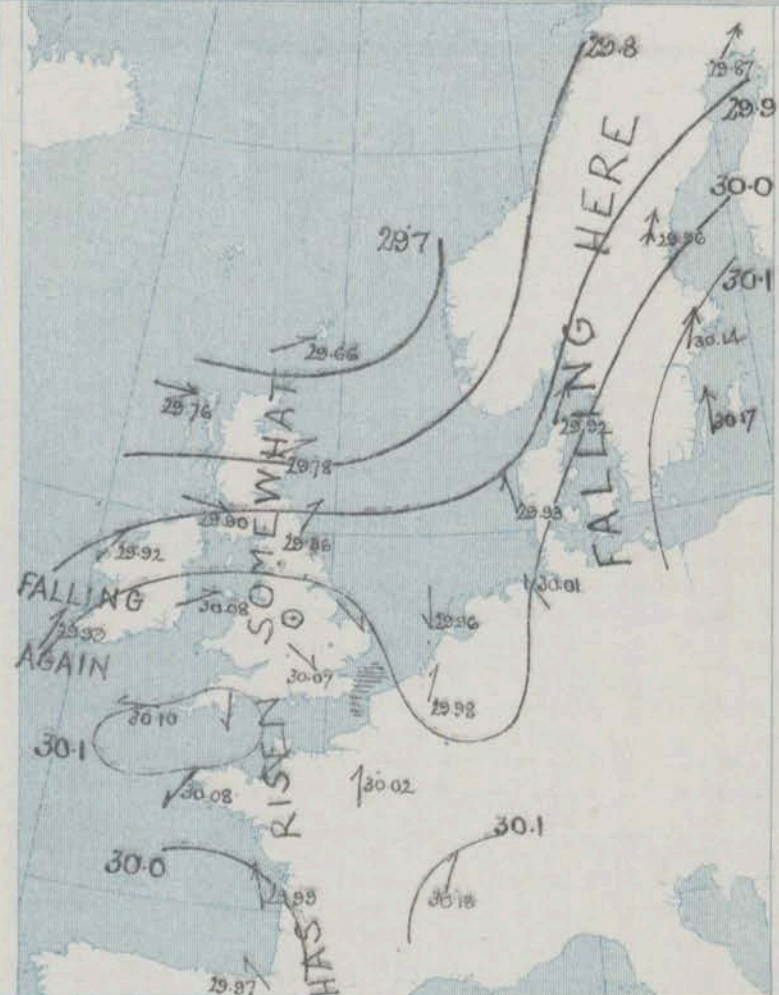
Sea Disturbance — where considerable is shown, thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.785 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.829 |
| Donaghadee | 29.832 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Rock's Point | 29.875 |
| Pembroke | 29.867 |
| Sally | 29.899 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

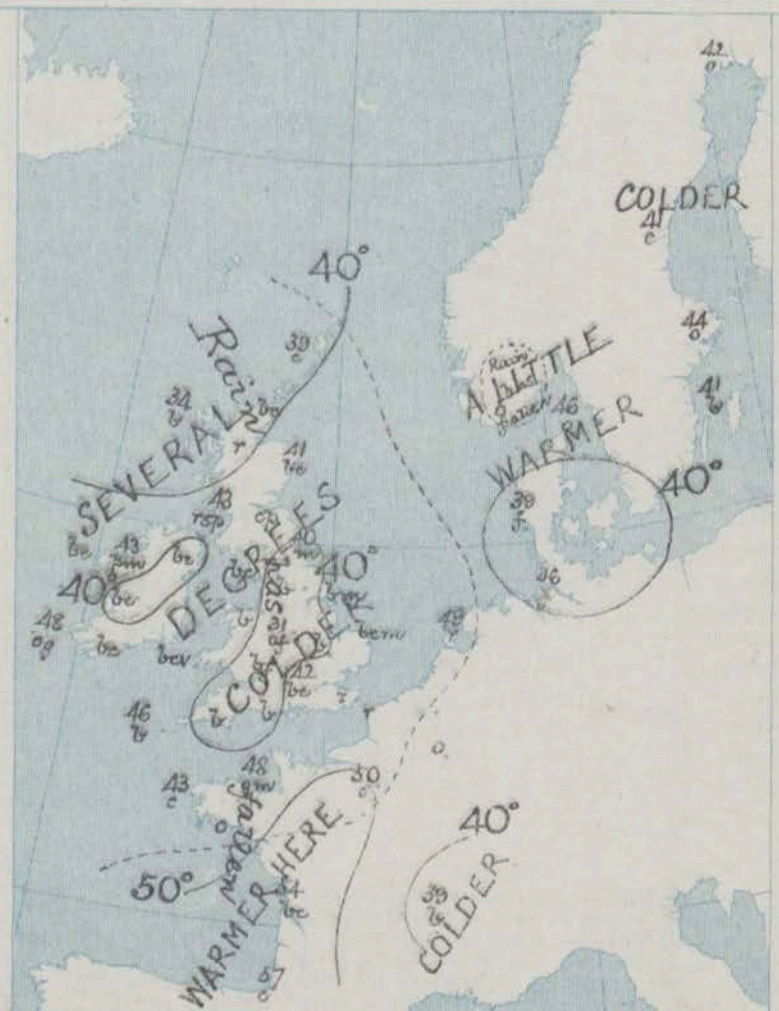
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.4 | 1.18 |
| Stornoway | 40.3 | 38.1 | 1.18 |
| Wick | 40.8 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.18 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.85 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.51 |
| Liverpool | 41.6 | 39.8 | 2.53 |
| Valencia | 46.4 | 44.6 | 8.19 |
| Rock's Point | 45.3 | 43.6 | 4.29 |
| Pembroke | 46.2 | 44.2 | 3.89 |
| Sally | 48.6 | 47.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.6 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.26 |
| Yarmouth | 42.8 | 41.6 | 3.51 |

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



REMARKS.

for Monday 3rd NOVEMBER. 1884. at 8 a.m.

Since yesterday morning several shallow depressions have passed in an easterly direction across our islands, occasioning rain in most places. These disturbances are now travelling away and the barometer is consequently falling on the eastern shore of the North Sea, but in our islands a recovery of pressure is in progress. At Valencia, however, a new fall has set in since 10 p.m. The wind is fresh or strong from the southward in Sweden and Denmark, and moderate from the south-westward in the west and north of our islands, but in the south of England it is light from north, while in the west of France it varies between south-east and north-east. Rain is falling at Saint, Dungeness, Cape Gris Nez, and the Hebrides, and showers at Leith, Ardrossan and Mullaghmore, but elsewhere the weather is generally fine. Fog, however, prevails over Central England. Since yesterday rain has fallen in nearly all parts of our islands. Temperature has fallen several degrees over the United Kingdom, and readings now range from 48° at Valencia to 34° at Hornoway, and 31° at Loughborough. During yesterday the thermometer rose to 60° at Hurst Castle, Oxford and in London. The sea is moderate to smooth.

The new fall of the barometer at Valencia seems to indicate the approach of other disturbances, the depth and extent of which are at present unknown.

FORECASTS

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|---|--------------------|--|
| 0 { SCOTLAND NORTH | W ² to SW ² or S ² winds, moderate; changeable, some rain, turning warmer. | 6 { SCOTLAND WEST | Same as No 0 & 2. |
| 1 { SCOTLAND EAST | -----D-----D-----D----- | 7 { ENGLAND N.W. | Same as No 0 and 2. |
| 2 { ENGLAND N.E. | -----D-----D-----D----- | 8 { ENGLAND S.W. | Variable to SW ² winds, fine to cloudy and some rain. |
| 3 { ENGLAND EAST | Same as No 5. | 9 { IRELAND NORTH | S ² and SW ² winds, freshening; fair to unsettled and some rain. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | -----D-----D-----D----- |
| 5 { ENGLAND SOUTH | Light variable breezes; fair generally, but some fog at night. | WARNINGS | None issued |

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|
| Skudesnaes | 29.85 | 50 | 49 | SE 1 | 8 | 0 | 1 | Valencia | | | | | |
| Sumburgh Head | | | | | | | | Scilly | | | | | |
| Stornoway | | | | | | | | Dungeness | | | | | |
| Aberdeen | | | | | | | | London | | | | | * |
| Shields | | | | | | | | Yarmouth | | | | | |
| Ardrossan | | | | | | | | Jersey | | | | | |
| Mullaghmore | | | | | | | | Rocheport | 29.99 | 65 | 59 | 5 | 7 |
| Holyhead | | | | | | | | | | | | 6 | 2 |

REMARKS.

Summary of Changes in the Weather
over the
British Islands and their Neighbourhood
from the 26th Oct. to the 1st Nov. 1884.

On the morning of Sunday, Oct. 26th, pressure varied from between 30.0 in. & 30.2 in. over the Bay of Biscay to as low as 28.5 in. at Sumburgh Head & in the west of Norway, near which region lay a large & deep depression the gradients of which were especially steep over Norway, Scotland & the northern parts of the North Sea. Westerly & Northwesterly winds prevailed all over our islands, ranging in force from a strong squally breeze to a strong gale, while Southwesterly gales were felt on the eastern shores of the North Sea & Southerly winds in Sweden. As this passed, in a north-easterly direction it began to fill up, but a new depression approached our northwestern coast from the westward, & travelling rapidly across Scotland, caused cold Northwesterly gales of great strength in that country, & Westerly gales over the remainder of our islands. At 11 a.m. on Tuesday (28th) its centre lay a little to the eastward of Holyhead, but by 6 p.m. it had reached the south of Sweden & the gales over the United Kingdom had lulled completely.

Rain fell very generally with both these disturbances, but the amounts collected were small except in the south of Norway & on some parts of our northwestern & northern coasts. The high pressure area in the southwest now moved slowly to the eastward, the wind over our islands backed slowly round to the W. & S.W. & blew hard at our western stations, but although the weather continued showery & squally in the west & north, it was fine in the east & south, & temperature rose. The barometer now fell very generally, but slowly & the high-pressure area in the southeast spread northwards but receded in an easterly direction to Germany & the Baltic. Southwesterly & Southerly winds then continued to blow on our own coast & Southwesterly over the Bay of Biscay, the weather remaining mild & dry over England till the end of the week. There were then some indication of the approach of Northwesterly winds in the far west, accompanied by cold rain, a notice of which belongs more properly to a future summary.

DAILY WEATHER REPORT

for *Tuesday* *4th* *Nov^r* 1884.

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

| † YESTERDAY EVENING. | | | | | | | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|-----------------------|------------------------------------|-----------------|--------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|------------------|----------------|----------------|-------------|------|---------------------|---|--|--|--|--|----------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | | | | | | | | |
| | | | Dirce. | Force. (0 to 12) | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirce. | Force. (0 to 12) | | | Max. | Min. | Amount of Rainfall. | | | | | | | | |
| Haparanda | 29.84 | 41 | SW | 6 | 0 | 29.87 | 0.00 | 40 | 39 | - 2 | W | 2 | c | * | 43 | 37 | 0.08 | | | | | | | | |
| Hernösand ... | 29.92 | 43 | SSW | 8 | 0 | 30.07 | + 0.12 | 34 | 32 | - 2 | W | 0 | b | * | 45 | ? | - | | | | | | | | |
| Stockholm ... | 30.11 | 43 | SSW | 4 | 0 | 30.15 | + 0.01 | 39 | 38 | - 1 | W | 0 | b | * | 46 | 39 | - | | | | | | | | |
| Wisby ... | 30.11 | 41 | SE | 6 | bc | 30.15 | + 0.02 | 41 | 40 | 0 | E | 2 | c | * | 52 | 39 | - | | | | | | | | |
| Bodö | 29.56 | 39 | ESE | 2 | c | 30.00 | + 0.40 | 38 | 34 | - 6 | WNW | 4 | c | 3 | 45 | 34 | 0.35 | | | | | | | | |
| Christiansund ... | 29.78 | 42 | WSW | 6 | c | 30.04 | + 0.39 | 39 | 37 | - 2 | ESE | 3 | b | 3 | 43 | 36 | 0.35 | | | | | | | | |
| † Skudesnaes ... | 29.99 | 41 | W | 0 | bc | 30.07 | + 0.26 | 45 | 42 | 0 | ESE | 4 | o | 4 | 50 | 41 | 0.20 | | | | | | | | |
| Oxö (Xilansund) ... | 30.01 | 42 | WNW | 1 | b | 30.06 | + 0.25 | 36 | 35 | - 12 | N | 2 | b | 2 | 48 | 36 | - | | | | | | | | |
| Skagen (The Skaw) | 30.03 | 40 | SW | 4 | b | 30.12 | + 0.20 | 39 | 38 | - 1 | W | 0 | m | 1 | 46 | 36 | 0.04 | | | | | | | | |
| Fanö ... | 30.10 | 35 | WSW | 1 | b | 30.15 | + 0.22 | 38 | 33 | - 4 | S | 1 | b | * | 45 | 32 | 0.04 | | | | | | | | |
| Cuxhaven ... | 30.03 | 40 | S | 2 | b | 30.15 | + 0.14 | 41 | 41 | + 5 | E | 3 | b | * | 41 | ? | - | | | | | | | | |
| † Sumburgh Head ... | 29.88 | 39 | WNW | 1 | bc | 29.76 | + 0.10 | 47 | 44 | + 8 | SSE | 5 | o | 5 | 47 | 39 | 0.05 | | | | | | | | |
| † Stornoway ... | 29.98 | 43 | WNW | 3 | 0 | 29.46 | - 0.30 | 48 | 45 | + 14 | SSE | 8 | oq | 7 | 48 | 33 | 0.04 | | | | | | | | |
| Wick ... | 29.93 | 38 | WNW | 1 | b | 29.63 | - 0.15 | 47 | 43 | + 10 | SSE | 8 | oq | 5 | 47 | 35 | - | | | | | | | | |
| Nairn ... | 29.96 | 36 | W | 0 | b | 29.69 | - 0.19 | 44 | 42 | + 8 | ESE | 2 | o | 1 | 45 | 34 | 0.01 | | | | | | | | |
| † Aberdeen ... | 29.98 | 34 | W | 0 | b | 29.76 | - 0.02 | 46 | 41 | + 5 | S | 7 | oq | 4 | 47 | 34 | - | | | | | | | | |
| Leith ... | 29.96 | 44 | SW | 1 | c | 29.74 | - 0.14 | 42 | 39 | - 1 | SE | 1 | o | * | 47 | 40 | 0.04 | | | | | | | | |
| † Shields ... | 30.04 | 44 | SW | 1 | m | 29.88 | - 0.08 | 40 | 39 | 0 | S | 2 | om | 2 | 49 | 38 | - | | | | | | | | |
| Spurn Head ... | 30.07 | 45 | SW | 2 | b | 29.93 | - 0.09 | 49 | 48 | + 7 | SSE | 5 | cu | 3 | 49 | 41 | - | | | | | | | | |
| York ... | 30.07 | 45 | SW | 1 | o | 29.93 | - 0.11 | 38 | 37 | + 1 | S | 1 | cm | * | 50 | 35 | - | | | | | | | | |
| Loughborough ... | 30.11 | 38 | W | 0 | c | 29.93 | - 0.16 | 41 | 40 | + 10 | SE | 2 | ogm | * | 52 | 31 | - | | | | | | | | |
| † Ardrossan ... | 29.96 | 48 | SSW | 3 | 0 | 29.64 | - 0.26 | 45 | 45 | + 2 | ESE | 5 | om | 4 | 49 | 41 | 0.04 | | | | | | | | |
| † Mullaghmore ... | 29.80 | 48 | SSE | 6 | 0 | 29.36 | - 0.56 | 60 | 47 | + 7 | S | 7 | oq | 6 | 51 | 42 | 0.80 | | | | | | | | |
| Donaghadee ... | 29.97 | 45 | SSW | 1 | bc | 29.58 | - 0.38 | 48 | 48 | + 10 | SSW | 6 | λ | 4 | 49 | 37 | 0.14 | | | | | | | | |
| Parsonstown ... | 29.88 | 46 | SE | 3 | 0 | 29.51 | - 0.52 | 50 | 49 | + 14 | S | 1 | c | * | 51 | 34 | 0.17 | | | | | | | | |
| Barrow-in-Furness ... | 30.02 | 47 | SW | 3 | c | 29.79 | - 0.20 | 42 | 40 | - 5 | ESE | 6 | o | * | 51 | 41 | 0.04 | | | | | | | | |
| † Holyhead ... | 30.02 | 47 | SSW | 2 | c | 29.73 | - 0.32 | 48 | 47 | + 2 | S | 7 | λ | 5 | 51 | 45 | 0.07 | | | | | | | | |
| Liverpool (Bidston) | 30.06 | 44 | SSW | 2 | bc | 29.83 | - 0.22 | 42 | 40 | + 1 | SE | 3 | o | 4 | 50 | 39 | 0.01 | | | | | | | | |
| † Valencia ... | 29.75 | 50 | NE | 8 | Am | 29.49 | - 0.50 | 53 | 52 | + 5 | SSW | 7 | ogm | 6 | 55 | 47 | 1.01 | | | | | | | | |
| Roche's Point .. | 29.94 | 51 | S | 6 | o | 29.58 | - 0.49 | 52 | 51 | + 11 | SW | 5 | bc | 5 | 54 | 41 | 0.52 | | | | | | | | |
| Pembroke ... | 30.04 | 48 | SSE | 3 | c | 29.75 | - 0.32 | 51 | 51 | + 3 | S | 8 | Am | 6 | 52 | 47 | 0.06 | | | | | | | | |
| † Scilly ... | 30.04 | 49 | S | 3 | c | 29.79 | - 0.31 | 53 | 52 | + 7 | SSW | 7 | od | 6 | 54 | 42 | 0.03 | | | | | | | | |
| Prawle Point ... | 30.11 | 46 | NE | 1 | b | 29.93 | - 0.19 | 51 | 48 | + 12 | SSW | 4 | c | 4 | 54 | 37 | - | | | | | | | | |
| Hurst Castle ... | 30.11 | 45 | ESE | 3 | b | 29.92 | - 0.17 | 53 | 52 | + 14 | SSW | 3 | o | 2 | 56 | 38 | - | | | | | | | | |
| † Dungeness ... | 30.09 | 49 | NE | 4 | c | 29.96 | - 0.06 | 52 | 51 | + 8 | SSE | 3 | m | 3 | 54 | 44 | - | | | | | | | | |
| † London ... | 30.11 | 39 | ESE | 1 | b | 29.95 | - 0.12 | 46 | 45 | + 4 | ESE | 1 | b | * | 49 | 35 | - | | | | | | | | |
| Oxford ... | 30.13 | 34 | WNW | 1 | b | 29.92 | - 0.18 | 46 | 46 | + 11 | SE | 1 | of | * | 51 | 31 | - | | | | | | | | |
| Cambridge ... | 30.11 | 38 | N | 1 | b | 29.94 | - 0.09 | 46 | 46 | + 10 | SE | 1 | o | * | 51 | 30 | - | | | | | | | | |
| † Yarmouth ... | 30.11 | 45 | N | 1 | b | 29.98 | - 0.05 | 50 | 49 | + 6 | SE | 6 | oq | 4 | 50 | 44 | - | | | | | | | | |
| The Helder ... | 30.12 | 46 | N | 1 | b | 30.09 | + 0.13 | 45 | 43 | - 4 | E | 1 | c | 1 | 50 | 43 | 0.08 | | | | | | | | |
| Cape Griz Nez ... | 30.04 | 44 | NE | 4 | 0 | 29.96 | - 0.04 | 49 | 49 | + 2 | SSE | 5 | o | 4 | 52 | 46 | 0.12 | | | | | | | | |
| † Jersey ... | 30.06 | 50 | NE | 3 | om | 29.96 | - 0.10 | 51 | 48 | + 3 | SSW | 4 | om | 3 | 52 | 48 | - | | | | | | | | |
| Brest ... | 30.08 | 48 | E | 3 | 0 | 29.96 | - 0.12 | 53 | 53 | + 10 | SW | 5 | o | 5 | 55 | 41 | - | | | | | | | | |
| Lorient ... | 30.06 | 51 | N | 4 | 0 | 30.02 | - 0.05 | 53 | 49 | + 5 | SW | 4 | o | 3 | 55 | 43 | 0.04 | | | | | | | | |
| † Rochefort ... | 30.02 | 58 | SW | 4 | 0 | 30.13 | + 0.14 | 53 | 52 | - 1 | S | 3 | o | 2 | 63 | 46 | - | | | | | | | | |
| Biarritz ... | 30.02 | 61 | SE | 1 | bc | 30.04 | + 0.07 | 50 | 49 | - 7 | E | 3 | b | 2 | 68 | ? | - | | | | | | | | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | | | | | |
| Brussels ... | * | * | * | * | * | 30.05 | + 0.07 | 48 | 48 | + 2 | ESE | 1 | o | * | 48 | 45 | 0.12 | | | | | | | | |
| Charleville ... | 30.01 | 49 | S | 7 | λ | 30.05 | + 0.05 | 45 | 44 | + 4 | E | 1 | b | * | 50 | 38 | - | | | | | | | | |
| Paris ... | 30.08 | 54 | S | 4 | 0 | 30.07 | + 0.05 | 52 | 50 | + 2 | S | 3 | b | * | * | * | 0.04 | | | | | | | | |
| Lyons ... | 30.11 | 53 | S | 1 | 0 | 30.19 | + 0.06 | 41 | 40 | + 2 | S | 1 | b | * | 59 | 39 | - | | | | | | | | |
| Toulon ... | 30.20 | 54 | SE | 4 | m | 30.28 | + 0.06 | 49 | 46 | - 1 | SE | 4 | o | 3 | 54 | 46 | - | | | | | | | | |
| Belmullet ... | 29.70 | 47 | SSE | 5 | 0 | 29.29 | - 0.60 | 50 | 49 | + 5 | SW | 7 | o | 0 | 51 | 42 | 0.25 | | | | | | | | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

WEATHER

CHARTS

for 8 a.m. on *Tuesday*

4th November.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

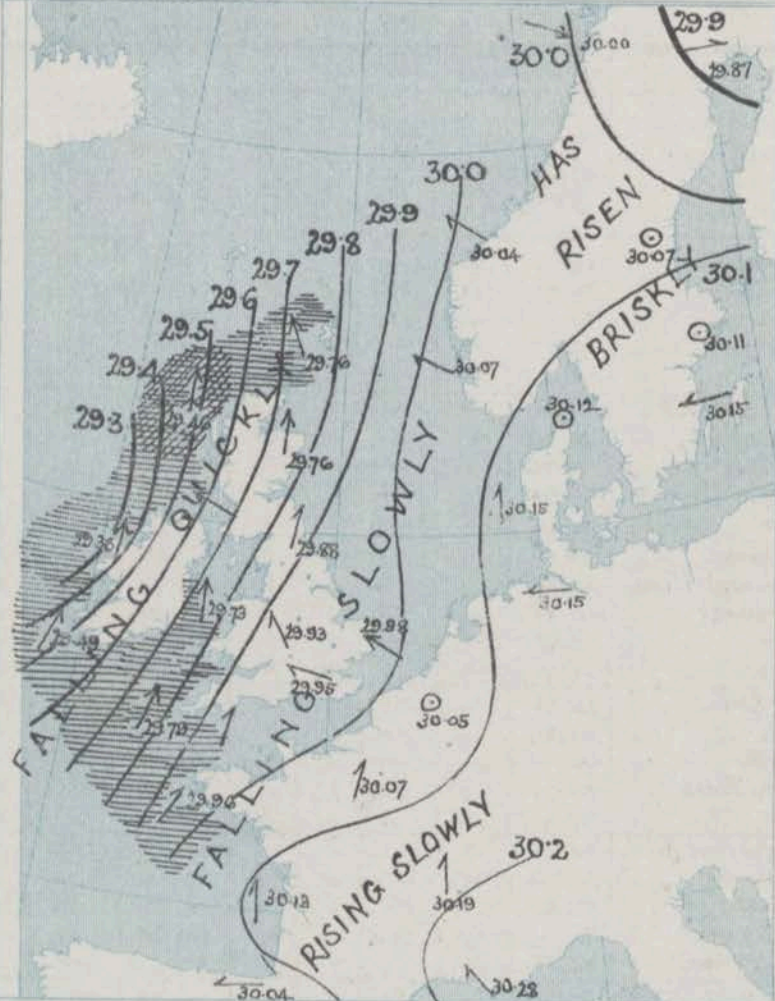
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.836 |
| York | 29.847 |
| Ardrossan | 29.829 |
| Donaghadee | 29.822 |
| Ballyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.860 |
| Roch's Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.899 |
| Hurst Castle | 29.886 |
| Dover | 29.892 |
| LONDON | 29.895 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather — is shown by letters of the Beaufort Scale.

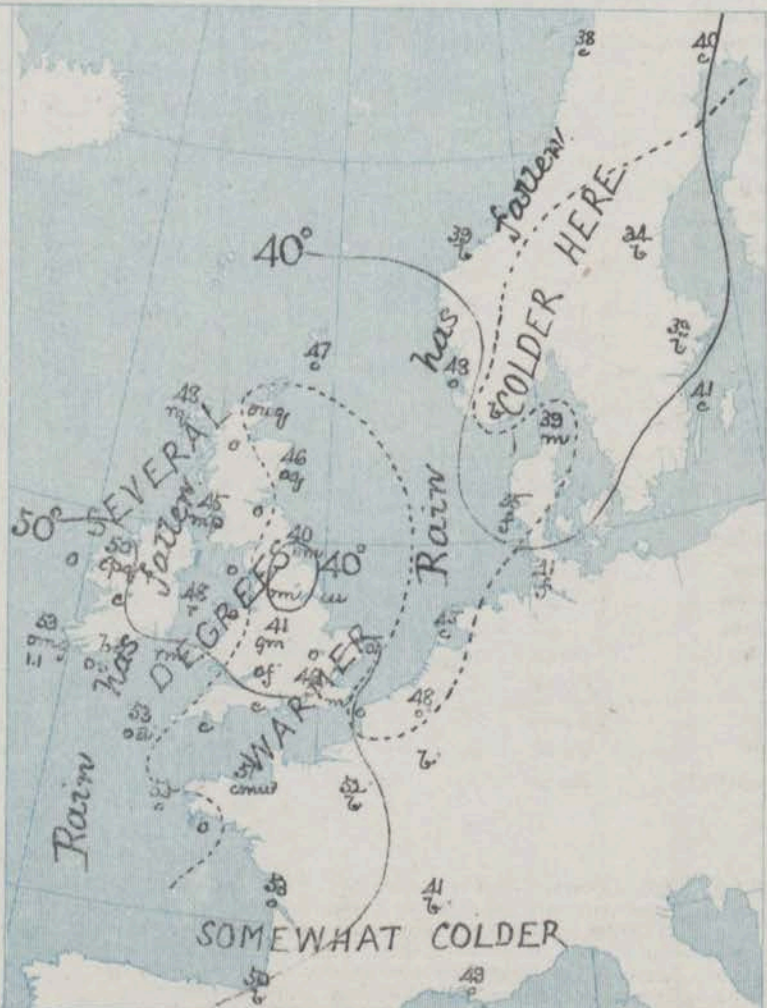
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 47.0 | 39.4 | 4.18 |
| Stornoway | 40.3 | 39.1 | 4.38 |
| Wick | 40.8 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.0 | 3.22 |
| Leith | 40.9 | 39.4 | 2.16 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.85 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Ballyhead | 45.1 | 43.3 | 3.51 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.19 |
| Roch's Point | 45.3 | 43.6 | 4.24 |
| Pembroke | 46.2 | 44.2 | 3.68 |
| Scilly | 49.6 | 47.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.0 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.6 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.95 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Tuesday 4th November.

1884, at 8 a.m.

In the course of the past night a deep depression has appeared off our extreme north-west coast, and the barometer is now falling in all parts of our Islands - quickly in the west and north. The highest pressures are reported from the south-east of France, but an area of relatively high readings lies over the Baltic. Light variable breezes prevail in Scandinavia and Denmark, and moderate SE¹ breezes in the south-east of England, but elsewhere the wind is S¹, and on our western and northern coasts it flows a moderate to fresh gale. A strong gale was experienced last night at Mullaghmore^{and} Valenceia. The weather is fine in Scandinavia, but cloudy, or overcast elsewhere, with fog in the south-east of England, and rain on our west and north-west coasts. Since yesterday rain has fallen in the west and extreme north; at Valenceia there has been as much as 1.0 inch. Temperature has risen several degrees, and readings range from 53° at Valenceia, Scilly and Hurst Castle to 38° at York. Frost occurred over Central England last night; in London the thermometer on the grass fell to 24°. The sea is high at Stromoway, rough in the west and north generally.

The depression off our north-west coast will probably trail away in a north-north-easterly direction, and a temporary recovery of pressure is likely in the west and south-west.

FORECASTS

for the 24 hours ending at NOON on 5th NOVEMBER 1884.

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|---|--------------------|---|
| 0 { SCOTLAND NORTH | S ¹ to SW ¹ strong winds and gales; squally and rainy to fair. | 6 { SCOTLAND WEST | SE ¹ to S ¹ strong winds and gales; squally, rain at times. |
| 1 { SCOTLAND EAST | D. D. D. | 7 { ENGLAND N. W. | D. D. D. |
| 2 { ENGLAND N. E. | S ¹ to SW ¹ winds, freshening considerably; unsettled, some rain. | 8 { ENGLAND S. W. | S ¹ to SW ¹ winds, strong and squally; rain at times. |
| 3 { ENGLAND EAST | Same as No 5 | 9 { IRELAND NORTH | SW ¹ strong winds and gales; squally, showery. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | D. D. D. |
| 5 { ENGLAND SOUTH | S ¹ to SW ¹ winds, freshening; fair to unsettled and showery | WARNINGS | The south cone was hoisted yesterday in districts 0. 1. 6. 7. 9. and part of 8. |

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
| Skudesnes | 29.88 | 49 | 43 | WSW | 2 | C | 5 | Valencia | 29.86 | 51 | 48 | S | 7 | CU | 6 |
| Sumbargh Head | 29.77 | 44 | 41 | W | 4 | bc | 3 | Scilly | 30.06 | 51 | 45 | S | 3 | C | 5 |
| Stornoway | 29.87 | 46 | 41 | SSW | 3 | C | 2 | Dungeness | 30.06 | 49 | 45 | N E | 3 | C | 2 |
| Aberdeen | 29.92 | 44 | 40 | W | 1 | C | 1 | London | 30.09 | 49 | 41 | NW | 1 | C | * |
| Shields | 29.99 | 49 | 45 | SW | 2 | C | 2 | Yarmouth | 30.07 | 48 | 44 | NW | 3 | C | 3 |
| Ardrossan | 29.95 | 48 | 46 | SSW | 4 | O | 3 | Jersey | 30.06 | 50 | 46 | N E | 3 | bc | 3 |
| Mullaghmore | 29.89 | 47 | 45 | S | 5 | O | 4 | Rochefort | 30.02 | 60 | 57 | SSW | 4 | O | 2 |
| Holyhead | 30.05 | 50 | 44 | SSW | 3 | bc | 2 | | | | | | | | |
| Belmullet | 29.82 | 46 | 46 | S | 5 | O | * | | | | | | | | |

REMARKS.

The barometer is falling rather quickly in the west of Ireland and the wind at Valencia has risen to a moderate gale from S.; elsewhere the barometer continues to rise and the wind is light or moderate in force. The weather is fine at all but our extreme western stations. The sea is rough on our south west coast, moderate to smooth elsewhere.

for Wednesday 5th Nov^r 1884.
Issued by the Meteorological Office, 116, Victoria Street, London; R. H. SCOTT, Secretary.

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

EXPLANATION OF COLUMNS.

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

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

* These stations send reports at 4 p.m. daily (Sunday's excepted).

Fred^s Dangertueta 14th London

WEATHER

for 8 a.m. on WEDNESDAY

CHARTS

5TH

NOVEMBER

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

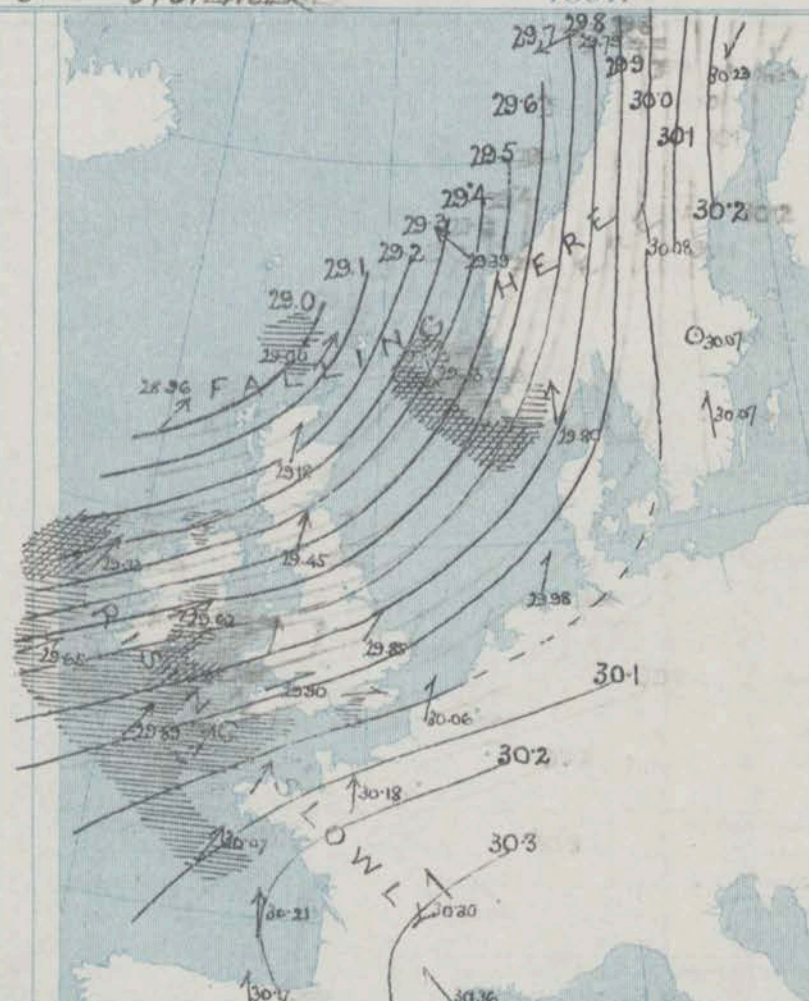
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|------------------|---------------|
| Sumburgh Head... | 29.724 |
| Sornoway... | 29.755 |
| Wick... | 29.767 |
| Nairn... | 29.766 |
| Aberdeen... | 29.762 |
| Leith... | 29.820 |
| Shields... | 29.820 |
| York... | 29.847 |
| Ardrossan... | 29.829 |
| Donaghadee... | 29.832 |
| Holyhead... | 29.845 |
| Liverpool... | 29.862 |
| Valencia... | 29.880 |
| Roch's Point... | 29.875 |
| Pembroke... | 29.867 |
| Scilly... | 29.820 |
| Hurst Castle... | 29.845 |
| Dover... | 29.882 |
| LONDON... | 29.885 |
| Oxford... | 29.858 |
| Cambridge... | 29.878 |
| Yarmouth... | 29.855 |



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

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

Weather is shown by Letters of the Beaufort Scale.

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

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|------------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head... | 41.0 | 39.4 | 4.18 |
| Sornoway... | 40.2 | 38.1 | 4.38 |
| Wick... | 40.8 | 39.2 | 4.14 |
| Nairn... | 39.8 | 37.2 | 4.04 |
| Aberdeen... | 40.2 | 38.3 | 3.22 |
| Leith... | 40.8 | 39.4 | 2.16 |
| Shields... | 41.3 | 39.7 | 3.01 |
| York... | 39.7 | 38.4 | 2.31 |
| Ardrossan... | 42.2 | 39.8 | 3.65 |
| Donaghadee... | 42.5 | 41.3 | 3.00 |
| Holyhead... | 45.1 | 43.3 | 3.61 |
| Liverpool... | 41.5 | 39.8 | 2.53 |
| Valencia... | 46.8 | 44.6 | 5.19 |
| Roch's Point... | 45.3 | 43.6 | 4.29 |
| Pembroke... | 46.2 | 44.2 | 3.88 |
| Scilly... | 39.5 | 37.4 | 3.79 |
| Hurst Castle... | 44.1 | 43.1 | 2.87 |
| Dover... | 43.6 | 41.9 | 3.79 |
| LONDON... | 41.3 | 39.9 | 2.07 |
| Oxford... | 40.5 | 39.2 | 2.09 |
| Cambridge... | 39.6 | 38.8 | 1.95 |
| Yarmouth... | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Wednesday 5th November 1884. at 8 a.m.

The depression which lay off our northwest coast yesterday has travelled slowly in a north-north-easterly direction and is now passing away to the northward of Scotland. The barometer has consequently risen in the southwest & south, but in the north and east it has continued to fall. The highest pressures are still reported from the southeast of France.

The wind is Southeasterly on the eastern shores of the North Sea, but South-westerly or westerly in our islands and the north of France; on our western coast it still blows with the force of a gale, but in the east of Scotland the wind has subsided.

Rain is falling in the south of Norway and showers in the northwest of our islands, but elsewhere the weather is generally fine. Heavy rain fell yesterday at some of our western and northern stations. Temperature has fallen slightly in Ireland, but risen over Great Britain, and readings now range from 54° at Jersey to 48° at Storöway, Wick, Naom and Cork.

The sea is high at Mullaghmore and Pembroke, and rough on all but our east coast.

The depression in the north will probably continue to pass away in a north-north-easterly direction, but with the present distribution of pressure other disturbances are very likely to appear in the west shortly.

FORECASTS.

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

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH SWth winds, fresh, fair on the whole, but probably some showers.
- 1 { SCOTLAND EASTD.....D.....D.....
- 2 { ENGLAND N.E.D.....D.....D.....
- 3 { ENGLAND EAST Same as N^o 5.
- 4 { MIDLAND COUNTIES Same as N^o 5.
- 5 { ENGLAND SOUTH SWth winds fresh or strong, fair generally.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST SWth or Wth strong winds or gales; changeable, some showers.
- 7 { ENGLAND N.W.D.....D.....D.....
- 8 { ENGLAND S.W. SWth and Wth winds, strong, perhaps a gale; fair generally.
- 9 { IRELAND NORTH Same as N^{os} 6 & 7.
- 10 { IRELAND SOUTH Same as N^{os} 6 & 7.

WARNINGS

The warning signals which were extended yesterday to districts 2, 3, 5 and part of 8 have been lowered this morning in districts 0 to 3 and 5.

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|----|------|------|-----------|-------|------|------|-------|----|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wea. | Sea. |
| Skudesnaes | 30.01 | 47 | 45 | SE | 8 | 0 | 5 | Valencia | 29.30 | 55 | 50 | SSW | 8 | bcn | 7 |
| Sumburgh Head | 29.59 | 48 | 44 | SSE | 7 | 0 | 6 | Scilly | 29.74 | 58 | 56 | SW | 7 | c | 6 |
| Stornoway | 29.26 | 50 | 47 | S | 9 | 00 | 7 | Dungeness | 29.93 | 55 | 53 | W | 4 | c | 4 |
| Aberdeen | 29.58 | 47 | 46 | S | 9 | 7 | 5 | London | 29.90 | 56 | 50 | SSW | 3 | c | 4 |
| Shields | 29.69 | 48 | 47 | S | 5 | 0 | 2 | Yarmouth | 29.87 | 50 | 52 | SSW | 2 | cm | 4 |
| Ardrossan | 29.44 | ? 50 | 52 | SSW | 14 | 0 | 14 | Jersey | 29.96 | 60 | 52 | SW | 14 | 0 | 4 |
| Mullaghmore | 29.27 | 52 | 50 | SSW | 6 | 00 | 5 | Rochefort | 30.15 | 61 | 57 | SSW | 14 | c | 2 |
| Holyhead | 29.59 | 52 | 50 | S | 6 | 00 | 5 | | | | | | | | |
| Belmullet | 29.18 | 49 | 48 | S | 7 | 0 | 7 | | | | | | | | |

REMARKS.

The barometer continues to fall generally - most in the west and north, and strong S^d gales are blowing at Stornoway and Aberdeen, while a fresh SSW gale is reported at Valencia. The weather is fair in the south and south-west, but dull and unsettled in the north-west and north. The sea is rough on our western and northern coasts.

DAILY WEATHER REPORT

for *Thursday* 6th Nov^r 1884.

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

| Issued by the Meteorological Office, No. 1, Victoria Road, London, W. 1. | | | | | | | | | | | | | | | | | |
|--|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|----------------|------|---------------------|
| † 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. (1 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 | 29.89 | 36 | SE | 4 | 0 | 29.61 | - 52 | 39 | 38 | + 12 | SE | 4 | 1 | * | ? | 21 | 0.08 |
| Hernösand ... | 29.71 | 39 | S | 8 | 7 | 29.50 | - 58 | 43 | 41 | + 2 | S | 2 | 0 | * | 43 | 27 | 0.20 |
| Stockholm ... | 29.83 | 40 | S | 4 | 1 | 29.72 | - 35 | 46 | 45 | + 5 | SW | 4 | 0 | * | ? | 36 | 0.08 |
| Wisby ... | 29.91 | 44 | SW | 6 | 1 | 29.89 | - 18 | 48 | 46 | + 10 | SW | 4 | 0 | * | ? | ? | 0.04 |
| Bodö ... | 29.41 | 45 | SE | 2 | 0 | 29.28 | - 54 | 41 | 39 | + 3 | E-NE | 2 | 6 | 1 | 45 | 36 | - |
| Christiansund ... | 29.18 | 50 | SE | 4 | 6c | 29.24 | - 15 | 47 | 45 | - 1 | WSW | 3 | C | 3 | 52 | 45 | - |
| † Skudesnaes ... | 29.43 | 51 | SSW | 8 | 1 | 29.63 | + 20 | 49 | 45 | - 2 | WSW | 6 | 0 | 5 | 52 | ? | 0.20 |
| Oxö (Xiansund) ... | 29.57 | 52 | SSW | 8 | 0 | 29.64 | + 02 | 50 | 49 | + 1 | WSW | 8 | C | 6 | 52 | ? | 0.24 |
| Skagen (The Skaw) | 29.70 | 49 | SW | 4 | 6 | 29.70 | - 10 | 49 | 46 | + 3 | WSW | 4 | 6 | 4 | 50 | 45 | 0.16 |
| Fanö ... | 29.85 | 51 | SW | 6 | 6 | 29.89 | ? | 49 | 48 | + 3 | WSW | 4 | C | * | 52 | 46 | - |
| Cuxhaven ... | 29.98 | 45 | WSW | 3 | 0 | 30.02 | + 04 | 52 | 52 | + 5 | WSW | 3 | 1 | * | 52 | ? | 0.02 |
| † Sumburgh Head | 29.06 | 49 | WSW | 5 | 1 | 29.42 | + 42 | 46 | 44 | - 3 | W | 6 | C | 6 | 51 | 43 | 0.45 |
| † Stornoway ... | 29.23 | 46 | WSW | 5 | C | 29.66 | + 70 | 40 | 39 | - 8 | WSW | 3 | 6p | 3 | 50 | 39 | 0.13 |
| Wick ... | 29.28 | 48 | SW | 2 | 6c | 29.62 | + 56 | 41 | 39 | - 7 | W | 3 | 6c | 1 | 53 | 39 | - |
| Nairn ... | 29.34 | 46 | WSW | 3 | C | 29.67 | + 64 | 40 | 38 | - 8 | W | 1 | 6 | 1 | 53 | 40 | 0.04 |
| † Aberdeen ... | 29.34 | 47 | SW | 3 | 6 | 29.73 | + 55 | 39 | 37 | - 10 | SW | 2 | 6 | 2 | 53 | 39 | - |
| Leith ... | 29.48 | 51 | SW | 6 | 1 | 29.80 | + 52 | 44 | 40 | - 7 | WSW | 4 | 6 | * | 54 | 43 | 0.25 |
| † Shields ... | 29.65 | 50 | WSW | 5 | 6 | 29.90 | + 45 | 45 | 43 | - 7 | SSW | 2 | cm | 2 | 55 | 43 | - |
| Spurn Head ... | 29.78 | 53 | SW | 5 | 0 | 29.97 | + 30 | 47 | 46 | - 3 | SW | 3 | 0 | 3 | 55 | 46 | - |
| York ... | 29.74 | 53 | SSW | 4 | 0 | 29.97 | + 34 | 45 | 44 | - 3 | WSW | 1 | 0 | * | 55 | 33 | - |
| Loughborough... | 29.85 | 51 | SW | 4 | 1 | 30.00 | + 26 | 46 | 45 | - 3 | SEW | 2 | 0 | * | 56 | 45 | 0.03 |
| † Ardrossan ... | 29.55 | 45 | WSW | 5 | 6cp | 29.85 | + 57 | 47 | 46 | - 4 | WSW | 4 | 6cp | 3 | 54 | 45 | 0.18 |
| † Mullaghmore ... | 29.62 | 47 | SW | 6 | 6cp | 29.87 | + 54 | 42 | 41 | - 9 | SW | 4 | 6 | 3 | 51 | 41 | 0.18 |
| † Donaghadee ... | 29.65 | 47 | SW | 3 | C | 29.86 | + 47 | 38 | 38 | - 12 | WSW | 3 | 6 | 2 | 53 | 38 | - |
| † Parsonstown ... | 29.75 | 45 | SW | 1 | C | 29.94 | + 40 | 37 | 36 | - 11 | 2 | 0 | 6c | * | 51 | 36 | 0.15 |
| Barrow-in-Furness | 29.70 | 52 | SW | 4 | 0 | 29.92 | + 41 | 48 | 45 | - 4 | WSW | 3 | 6c | * | 54 | 43 | - |
| Holyhead ... | 29.75 | 53 | WSW | 6 | 6cp | 29.96 | + 34 | 47 | 45 | - 6 | WSW | 2 | C | 2 | 54 | 46 | - |
| Liverpool (Biston) | 29.75 | 52 | SW | 4 | 0 | 29.96 | + 34 | 47 | 44 | - 4 | SW | 1 | C | 2 | 55 | 45 | - |
| † Valencia ... | 29.80 | 49 | W | 4 | 0 | 29.89 | + 24 | 45 | 44 | - 7 | NE | 1 | C | 0 | 54 | 41 | 0.03 |
| Roche's Point ... | 29.81 | 50 | NE | 3 | 6 | 29.91 | + 19 | 43 | 42 | - 8 | NE | 1 | 0 | 3 | 55 | 41 | - |
| Pembroke ... | 29.84 | 52 | SW | 5 | 0 | 29.95 | + 21 | 50 | 49 | - 5 | NE | 2 | 1 | 3 | 55 | 49 | 0.12 |
| † Scilly ... | 29.87 | 52 | WSW | 4 | 1 | 29.88 | - 01 | 55 | 54 | - 1 | S | 1 | 1 | 6 | 59 | 49 | 0.77 |
| † Prawle Point ... | 29.95 | 55 | SSW | 6 | 1 | 30.00 | + 05 | 53 | 53 | - 2 | S | 1 | 1 | 5 | 59 | 50 | 0.23 |
| Hurst Castle ... | 29.95 | 58 | WSW | 7 | 0 | 30.01 | + 08 | 52 | 52 | - 3 | E-NE | 1 | m | 6 | 58 | 51 | 0.21 |
| † Dungeness ... | 30.00 | 56 | WSW | 4 | C | 30.05 | + 11 | 56 | 55 | - 1 | WSW | 4 | 6c | 4 | 58 | 56 | 0.08 |
| † London ... | 29.99 | 55 | SW | 2 | 0 | 30.03 | + 13 | 50 | 49 | - 3 | SE | 1 | 1 | * | 61 | 49 | 0.21 |
| Oxford ... | 29.92 | 51 | WSW | 2 | 1 | 30.02 | + 16 | 49 | 47 | - 1 | S | 1 | 0 | * | 59 | 48 | 0.33 |
| Cambridge ... | 29.91 | 54 | SW | 1 | 0 | 30.03 | + 18 | 48 | 48 | - 2 | S | 1 | 0 | * | 59 | 46 | 0.16 |
| † Yarmouth ... | 29.90 | 54 | SW | 4 | 6c | 30.02 | + 17 | 49 | 49 | - 3 | SW | 1 | cm | 3 | 58 | 48 | 0.19 |
| † The Helder ... | 29.97 | 53 | SW | 3 | C | 30.03 | + 16 | 52 | 51 | 0 | WSW | 1 | 0 | 2 | 54 | 52 | 0.08 |
| Cape Griz Nez... | 30.00 | 55 | SW | 7 | 6 | 30.02 | + 07 | 54 | 53 | - 1 | SW | 5 | 6 | 4 | 57 | 54 | - |
| † Jersey ... | 30.02 | 58 | SW | 4 | cm | 30.05 | + 04 | 55 | 55 | - 2 | S | 4 | ogm | 4 | 60 | 54 | - |
| Brest ... | 30.02 | 57 | SSW | 6 | m | 30.00 | - 01 | 55 | 55 | - 1 | S | 5 | 0 | ? | ? | ? | 0.35 |
| Lorient ... | 30.12 | 58 | SW | 5 | 0 | 30.06 | - 01 | 56 | 55 | - 1 | SSW | 5 | C | 5 | 63 | 52 | - |
| † Rochefort ... | 30.22 | 58 | SSW | 1 | m | 30.16 | - 05 | 50 | 48 | - 4 | SSW | 5 | 6 | 2 | 66 | 45 | - |
| Biarritz ... | 30.14 | 63 | E | 3 | 6 | 30.08 | - 09 | 52 | 50 | - 5 | SE | 4 | 6 | 5 | 68 | 41 | - |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels ... | * | * | * | * | * | 30.14 | + 08 | 54 | 52 | + 2 | SSW | 1 | 0 | * | 58 | ? | - |
| Charleville ... | 30.18 | 55 | SW | 1 | 0 | 30.19 | + 06 | 50 | 46 | 0 | S | 1 | 6 | * | 57 | 48 | - |
| Paris ... | 30.18 | 57 | S | 4 | 0 | 30.21 | + 03 | 49 | 48 | - 5 | S | 1 | 6c | * | * | * | - |
| Lyons ... | 30.28 | 53 | SW | 1 | 6 | 30.31 | + 01 | 41 | 40 | 0 | S | 1 | 6 | * | 61 | 40 | - |
| Toulon ... | 30.38 | 55 | SE | 4 | C | 30.38 | + 02 | 54 | 50 | + 3 | SE | 5 | 0 | 4 | 63 | 48 | - |
| † Belmullet ... | 29.63 | 46 | W | 5 | 6 | 29.84 | + 51 | 44 | 43 | - 5 | WSW | 2 | 6 | * | 56 | 41 | 0.12 |

EXPLANATION OF COLUMNS

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 3 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

WEATHER CHARTS

for 8 a.m. on *Thursday 6th November* 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

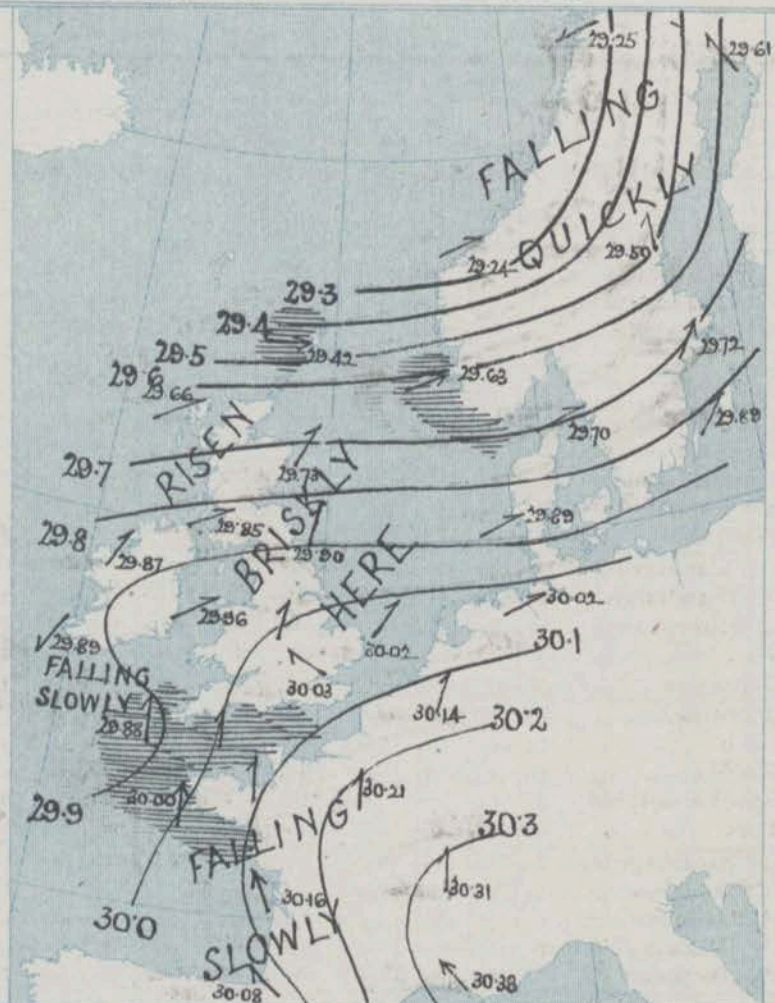
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

at 6 a.m. for the month of November
 During the 10 Years 1871—1880.

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.724 |
| Stormoway. | 29.765 |
| Wick. | 29.767 |
| Nairn. | 29.788 |
| Aberdeen. | 29.782 |
| Leith. | 29.820 |
| Shields. | 29.820 |
| York. | 29.847 |
| Ardrossan. | 29.824 |
| Donaghadee. | 29.832 |
| Holyhead. | 29.845 |
| Liverpool. | 29.862 |
| Valencia. | 29.880 |
| Roche's Point. | 29.875 |
| Pembroke. | 29.867 |
| Scilly. | 29.899 |
| Hurst Castle. | 29.865 |
| Dover. | 29.862 |
| LONDON. | 29.885 |
| Oxford. | 29.888 |
| Cambridge. | 29.878 |
| Yarmouth. | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

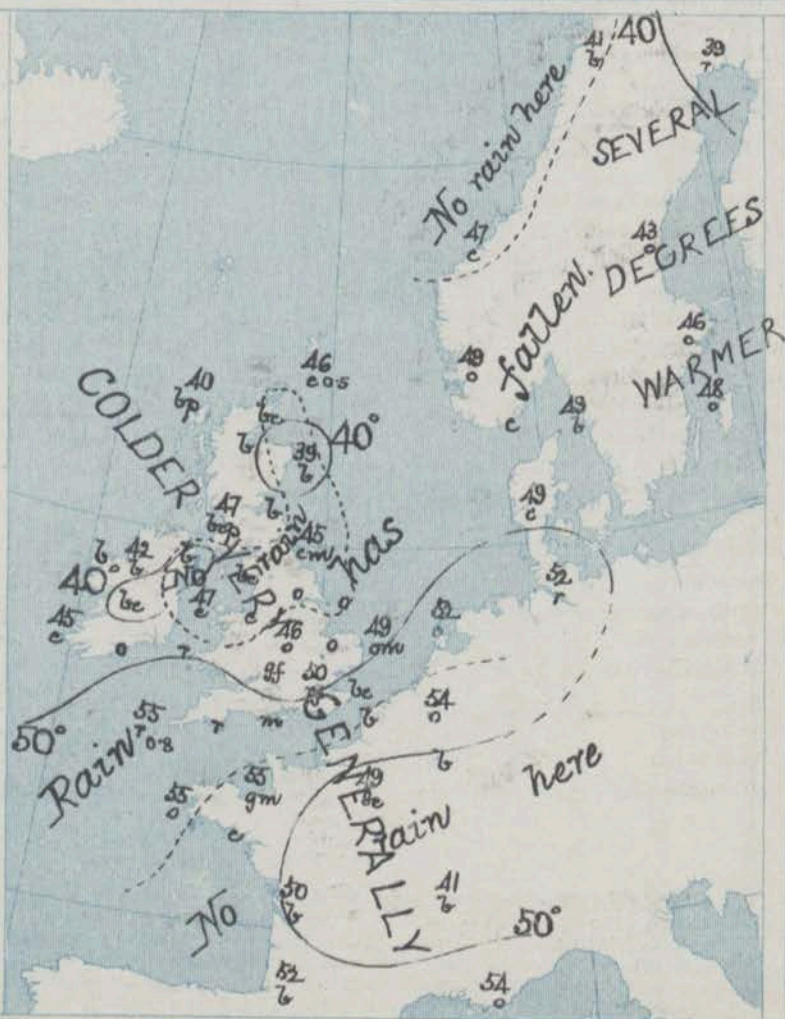
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 47.0 | 39.4 | 4.18 |
| Stormoway. | 40.3 | 39.1 | 4.38 |
| Wick. | 40.8 | 39.2 | 3.14 |
| Nairn. | 39.8 | 37.2 | 2.36 |
| Aberdeen. | 40.2 | 38.3 | 3.22 |
| Leith. | 40.9 | 39.4 | 2.18 |
| Shields. | 41.3 | 39.7 | 3.01 |
| York. | 39.7 | 33.4 | 2.31 |
| Ardrossan. | 42.2 | 39.8 | 3.65 |
| Donaghadee. | 42.5 | 41.8 | 3.03 |
| Holyhead. | 45.1 | 43.3 | 3.61 |
| Liverpool. | 41.6 | 39.8 | 2.53 |
| Valencia. | 46.8 | 44.6 | 5.14 |
| Roche's Point. | 45.3 | 43.6 | 4.24 |
| Pembroke. | 46.2 | 44.2 | 3.86 |
| Scilly. | 49.6 | 47.4 | 3.79 |
| Hurst Castle. | 44.7 | 43.1 | 2.87 |
| Dover. | 43.6 | 41.9 | 3.79 |
| LONDON. | 41.3 | 39.9 | 2.07 |
| Oxford. | 40.5 | 39.2 | 2.09 |
| Cambridge. | 39.6 | 38.8 | 1.95 |
| Yarmouth. | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Thursday 6th November.

1884, at 8 a.m.

The depression which lay off our northern coast yesterday has continued to move in a north-north-easterly direction, and the barometer has consequently fallen in Scandinavia, while it has risen briefly in the north and east of our Islands. In the course of the night, however, a small disturbance has appeared off our south-west coast, and the mercury is now falling a little in the west of France, while the rise over the south of England has been very much checked. Fresh SE³ breezes are reported over the Bay of Biscay, and light NE³ air in the south of Ireland, but elsewhere the wind varies between SW. and W. In force it is light or moderate generally. Rain is falling in the south of England, and fog prevails at Loughborough and in London, but elsewhere the weather is generally fair, although showers are falling at some of our northern stations. Since yesterday, rain has fallen over the southern parts of the Kingdom, and showers in the north; at Scilly the amount measured at 8 a.m. was 0.8 in. Temperature has fallen generally, and readings range from 56° at Rungers and 55° at Scilly and Jersey to 39° at Aberdeen and 37° at Darnestown. The sea is rough in the Bay of Biscay, and in the western part of the Channel, moderate to smooth elsewhere.

The depression off our south-west coast will probably move north-eastwards and occasion an increase of wind from SW. over the south of England.

FORECASTS

For the 24 hours ending at NOON on 7th Nov^r.

1884.

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

DISTRICTS.

FORECASTS.

- 0 { SCOTLAND NORTH } W⁴ and SW³ winds, light or moderate, fair to changeable and some showers.
- 1 { SCOTLAND EAST } ----- D² ----- D² ----- D² -----
- 2 { ENGLAND N.E. } Light breezes, chiefly SW³, cloudy, some rain.
- 3 { ENGLAND EAST } Same as No 5
- 4 { MIDLAND COUNTIES } Same as No 5
- 5 { ENGLAND SOUTH } S³ to SW³ winds, freshening; unsettled, rain at times.

DISTRICTS.

FORECASTS.

- 6 { SCOTLAND WEST } Same as No 0 and 1.
- 7 { ENGLAND N.W. } Same as No 0 and 1
- 8 { ENGLAND S.W. } S³ and SW³ winds, freshening; rain at times.
- 9 { IRELAND NORTH } Same as No 0 and 1.
- 10 { IRELAND SOUTH } Light and somewhat variable breezes; fair on the whole.
- WARNINGS { The south cone is still up in part of district 8.

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

| TUESDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---------------------------------------|-------|------|------|-------|---|--------|------|-----------|-------|------|------|-------|---|-------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wca. | Sea. |
| Skudesnaes | 29.43 | 51 | 49 | S | 8 | 0 | 7 | Valencia | 29.75 | 53 | 50 | WSW | 5 | c q m | 5 |
| Sumburgh Head | 29.04 | 50 | 48 | SW | 4 | 0 | 5 | Scilly | 29.89 | 52 | 56 | SSW | 4 | 0 | 6 |
| Stornoway | 29.09 | 49 | 47 | WSW | 6 | leg. 9 | 5 | Dungeness | 29.99 | 52 | 56 | WSW | 4 | 6 | 5 |
| Aberdeen | 29.27 | 53 | 49 | SW | 4 | 6c | 4 | London | 29.94 | 60 | 52 | SW | 5 | 6c | # |
| Shields | 29.51 | 53 | 50 | SW | 7 | 6m | 2 | Yarmouth | 29.88 | 52 | 53 | SW | 5 | 6 q | 3 |
| Ardrossan | 29.42 | 52 | 50 | WSW | 6 | 0 | 5 | Jersey | 30.04 | 59 | 57 | SW | 4 | c | 4 |
| Mullaghmore | 29.53 | 50 | 48 | WSW | 6 | c q p | 6 | Rochefort | 30.25 | 63 | 60 | S | 5 | 6c | 2 |
| Holyhead | 29.70 | 54 | 49 | WSW | 8 | c q | 6 | | | | | | | | |
| Balmullet | 29.53 | 48 | 48 | NW | 6 | c | 2 | | | | | | | | |

REMARKS.

The barometer has risen generally and the wind on our extreme western coasts has decreased in force. Showers are falling at Stornoway and Mullaghmore, but elsewhere the weather is fair. The sea is still rough on most parts of our western and southern coasts.

DAILY WEATHER REPORT

for *Friday 7th Nov^r 1884.*

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

| Issued by the Meteorological Office, No. 1, Abchurch Lane, E.C. 4, LONDON. | | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| | † 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. (6 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 | 29.49 | 41 | S | 2 | A | 29.65 | + 0.4 | 35 | 34 | - 4 | 23 | 0 | B | * | 41 | 34 | 0.20 | | |
| Hernösand ... | 29.57 | 37 | W | 0 | B | 29.89 | + 0.39 | 41 | 39 | - 2 | 23 | 0 | B | * | 48 | 36 | - | | |
| Stockholm ... | 29.76 | 45 | W | 4 | B | 30.00 | + 0.28 | 41 | 39 | - 5 | W | 4 | B | * | 48 | 41 | - | | |
| Wisby ... | 29.89 | 46 | SW | 4 | B | 30.08 | + 0.16 | 45 | 43 | - 3 | W | 4 | B | * | 48 | 43 | 0.20 | | |
| Bodö | 29.35 | 43 | SW | 2 | A | 29.67 | + 0.42 | 44 | 43 | + 3 | WSW | 6 | C | 4 | 45 | 41 | 0.47 | | |
| Christiansund ... | 29.87 | 46 | WSW | 4 | O | 29.88 | + 0.64 | 44 | 41 | - 3 | SSW | 2 | B | 5 | ? | 41 | 0.71 | | |
| † Skudesnaes ... | 29.94 | 46 | W | 5 | C | 29.93 | + 0.30 | 47 | 43 | - 2 | ESE | 6 | O | 4 | ? | 46 | - | | |
| Oxö (Xiansund) ... | 29.92 | 47 | WSW | 6 | B | 30.04 | + 0.40 | 41 | 41 | + 9 | NW | 1 | O | 3 | 50 | 39 | - | | |
| Skagen (The Skaw) | 29.97 | 49 | WSW | 5 | C | 30.09 | + 0.39 | 44 | 43 | + 4 | WSW | 2 | C | 1 | 50 | 39 | - | | |
| Fanö ... | 30.10 | 49 | WSW | 1 | C | 30.06 | + 0.17 | 48 | 48 | - 1 | SSE | 4 | B | * | 50 | 46 | - | | |
| Cuxhaven ... | 30.14 | 48 | WSW | 1 | B | 30.13 | + 0.11 | 48 | 47 | - 4 | S | 3 | m | * | ? | 45 | - | | |
| † Sumburgh Head | 29.75 | 44 | W | 5 | C | 29.65 | + 0.23 | 43 | 42 | - 3 | SE | 4 | A | 4 | 46 | 38 | 0.14 | | |
| † Stornoway ... | 29.82 | 57 | WNW | 2 | B | 29.51 | + 0.15 | 39 | 39 | - 1 | N | 5 | A | 4 | 46 | 34 | 0.24 | | |
| Wick ... | 29.87 | 39 | W | 2 | B | ? 29.36 | - 0.26 | 47 | 47 | + 6 | E | 4 | O | 3 | 48 | 37 | 0.45 | | |
| Nairn ... | 29.88 | 40 | W | 1 | O | 29.42 | - 0.25 | 42 | 41 | + 2 | ESE | 1 | O | 1 | 47 | 38 | 0.38 | | |
| † Aberdeen ... | 29.92 | 40 | SW | 1 | B | 29.47 | - 0.26 | 52 | 51 | + 13 | S | 4 | O | 2 | 52 | 37 | 0.50 | | |
| Leith ... | 29.92 | 45 | WSW | 1 | m | 29.44 | - 0.36 | 56 | 51 | + 12 | S | 2 | C | * | 56 | 42 | 0.25 | | |
| † Shields ... | 29.97 | 48 | W | 0 | m | 29.61 | - 0.29 | 53 | 52 | + 8 | S | 5 | O | 2 | 53 | 43 | 0.17 | | |
| Spurn Head ... | 30.09 | 50 | SE | 2 | O | 29.74 | - 0.23 | 50 | 50 | + 3 | S | 5 | EW | 3 | 50 | 46 | 0.01 | | |
| York ... | 29.99 | 48 | ESE | 1 | N | 29.69 | - 0.29 | 50 | 50 | + 5 | S | 5 | m | * | ? 54 | 44 | 0.08 | | |
| Loughborough... | 29.97 | 48 | ESE | 3 | O | 29.75 | - 0.25 | 51 | 50 | + 5 | SSE | 4 | BC | * | 54 | 45 | 0.02 | | |
| † Ardrossan ... | 29.91 | 47 | SE | 2 | O | 29.37 | - 0.48 | 54 | 54 | + 7 | S | 5 | OK | 4 | 54 | 41 | 0.61 | | |
| Mullaghmore ... | 29.81 | 46 | ESE | 4 | om. | 29.35 | - 0.52 | 45 | 44 | + 3 | NW | 7 | ngn | 6 | 53 | 42 | 0.56 | | |
| Donaghadee ... | 29.89 | 48 | SSW | 1 | O | 29.39 | - 0.47 | 54 | 53 | + 16 | S | 6 | O | 4 | 55 | 38 | 0.70 | | |
| Parsonstown ... | 29.79 | 45 | W | 0 | A | 29.49 | - 0.45 | 45 | 43 | + 8 | S | 1 | O | * | 55 | 36 | 0.28 | | |
| Barrow-in-Furness | 29.92 | 48 | SE | 5 | A | 29.55 | - 0.37 | 53 | 52 | + 5 | SE | 6 | BCU | * | 54 | 45 | 0.23 | | |
| † Holyhead ... | 29.85 | 46 | ESE | 4 | Aq | 29.52 | - 0.44 | 54 | 53 | + 7 | SSW | 5 | O | 4 | 53 | 45 | 0.49 | | |
| Liverpool (Biddam) | 29.90 | 46 | ESE | 3 | A | 29.60 | - 0.36 | 54 | 52 | + 7 | SE | 4 | C | 3 | 56 | 46 | 0.11 | | |
| † Valencia ... | 29.61 | 46 | NW | 5 | ng | 29.70 | - 0.19 | 47 | 45 | + 2 | NW | 5 | Oq | 5 | 56 | 44 | 0.66 | | |
| Roche's Point .. | 29.64 | 46 | ESE | 5 | A | 29.63 | - 0.28 | 48 | 46 | + 5 | W | 3 | BC | 4 | 53 | 43 | 1.25 | | |
| Pembroke ... | 29.79 | 56 | S | 4 | A | 29.60 | - 0.35 | 53 | 51 | + 3 | WSW | 7 | Oq | 6 | 57 | 47 | 0.28 | | |
| † Scilly ... | 29.77 | 56 | S | 6 | O | 29.69 | - 0.19 | 53 | 51 | - 2 | W | 5 | O | 6 | 56 | 50 | 0.19 | | |
| Prawle Point ... | 29.91 | 55 | S | 3 | O | 29.80 | - 0.20 | 55 | 55 | + 2 | S | 4 | U | 5 | 57 | 52 | 0.01 | | |
| Hurst Castle ... | 29.97 | 55 | S | 2 | O | 29.81 | - 0.20 | 56 | 55 | + 4 | S | 5 | BC | 5 | 58 | 51 | 0.06 | | |
| † Dungeness ... | 30.04 | 56 | WSW | 3 | B | 29.91 | - 0.14 | 55 | 54 | - 1 | WSW | 4 | C | 4 | 59 | 55 | - | | |
| † London ... | 30.01 | 55 | SSE | 2 | cm | 29.84 | - 0.19 | 54 | 52 | + 4 | S | 4 | B | * | 56 | 47 | 0.13 | | |
| Oxford ... | 29.95 | 53 | SE | 3 | O | 29.78 | - 0.24 | 53 | 52 | + 4 | SSE | 4 | Bq | * | 54 | 49 | 0.08 | | |
| Cambridge ... | 30.00 | 48 | S | 1 | O | 29.83 | - 0.20 | 51 | 50 | + 3 | S | 1 | B | * | 52 | 47 | 0.05 | | |
| † Yarmouth ... | 30.03 | 50 | SE | 3 | C | 29.88 | - 0.14 | 53 | 52 | + 4 | SSW | 4 | B | 3 | 53 | 47 | 0.01 | | |
| The Helder ... | 30.08 | 52 | S | 1 | O | 29.99 | - 0.04 | 44 | 43 | - 8 | SSE | 1 | B | 1 | 54 | 45 | 0.04 | | |
| Cape Griz Nez... | 30.04 | 57 | W | 5 | B | 29.91 | - 0.11 | 53 | 50 | - 1 | S | 4 | B | 2 | 59 | 50 | - | | |
| † Jersey ... | 29.98 | 56 | S | 3 | om. | 29.85 | - 0.20 | 53 | 53 | - 2 | S | 5 | om | 5 | 56 | 53 | - | | |
| Brest ... | 29.91 | 56 | S | 5 | m | 29.79 | - 0.21 | 57 | 56 | + 2 | S | 5 | O | 5 | ? | 54 | - | | |
| Lorient ... | 29.98 | 56 | SSE | 5 | BC | 29.86 | - 0.20 | 59 | 57 | + 3 | S | 7 | O | 5 | 66 | 52 | - | | |
| † Rochefort ... | 30.10 | 59 | SSE | 5 | B | 30.02 | - 0.14 | 58 | 54 | + 5 | SSE | 7 | B | 2 | ? | 45 | - | | |
| Biarritz ... | 30.05 | 65 | SE | 4 | O | 30.01 | - 0.07 | 61 | 57 | + 9 | S | 3 | C | 1 | 72 | ? | - | | |
| Corunna ... | ? | ? | ? | ? | ? | 30.05 | - 0.09 | 51 | 48 | - 3 | S | 3 | B | * | 60 | 49 | - | | |
| Brussels ... | ? | ? | ? | ? | ? | ? 30.16 | - 0.03 | 50 | 45 | 0 | SE | 1 | B | * | 63 | 46 | - | | |
| Charleville ... | ? 30.16 | 53 | S | 1 | B | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | - | | |
| Paris ... | 30.14 | 55 | S | 3 | B | 30.07 | - 0.14 | 49 | 47 | 0 | W | 0 | B | * | ? | ? | - | | |
| Lyons ... | 30.22 | 57 | ENE | 1 | BC | 30.22 | - 0.09 | 46 | 42 | + 5 | WNW | 1 | B | * | 65 | ? | - | | |
| Toulon ... | 30.25 | 56 | SE | 7 | m | 30.23 | - 0.15 | 55 | 54 | + 1 | SE | 8 | m | 6 | 64 | 52 | - | | |
| Belmullet ... | ? | 45 | E | 2 | O | 29.33 | - 0.31 | 44 | 44 | 0 | N | 7 | A | * | 48 | 43 | 0.57 | | |

EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on Friday 7th November—

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

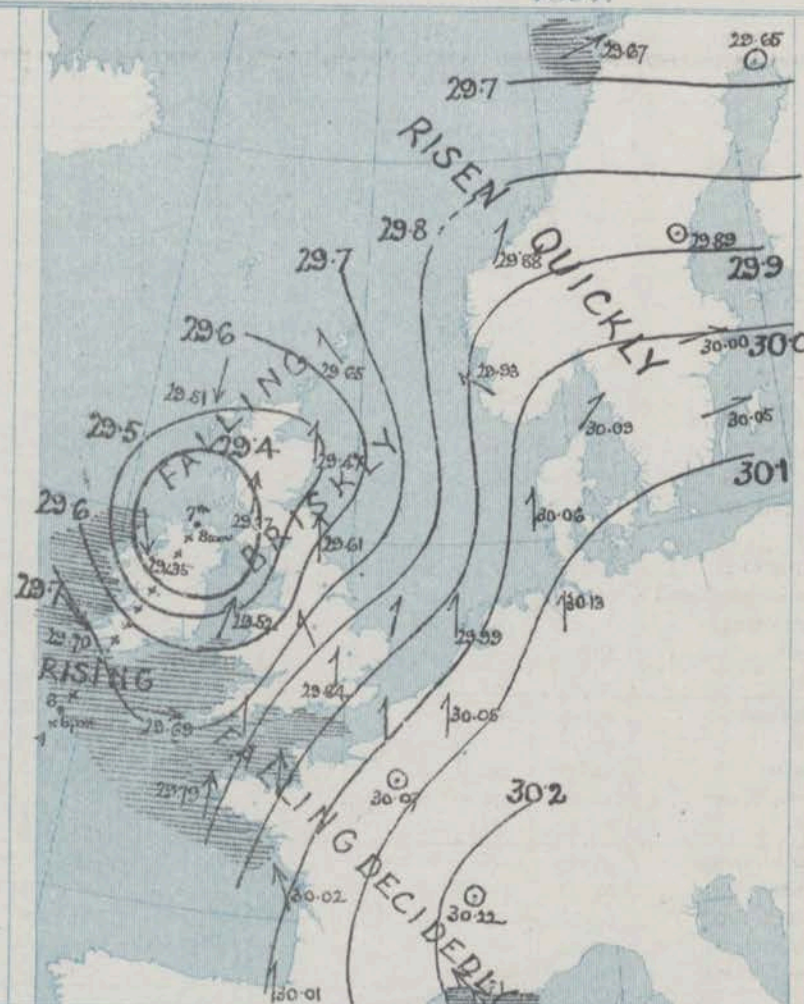
→ = forces above 10; → = forces 8 to 10;
 → = forces 5 to 7; → = forces 1 to 4;
 ○ = dead calm.

Sea Disturbance—where considerable is shown thus
 [wavy line] = Rough. [cross-hatched] = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Samburgh Head | 29.729 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.780 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.859 |
| Donaghadee | 29.852 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roches Point | 29.875 |
| Pembroke | 29.867 |
| Selly | 29.899 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather is shown by Letters of the Beaufort Scale.

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

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Samburgh Head | 41.0 | 39.4 | 4.18 |
| Stornoway | 40.2 | 39.1 | 4.38 |
| Wick | 40.8 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.55 |
| Aberdeen | 40.2 | 38.2 | 3.22 |
| Leith | 40.9 | 39.4 | 2.38 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.83 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.61 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.34 |
| Roches Point | 45.2 | 43.6 | 4.24 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Selly | 49.5 | 47.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.85 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Friday 7th Nov^r

1884, at 8 a.m.

The depression which lay off our south-west coast yesterday has grown much deeper and moved in a NNE^{ly} direction to the north of Ireland. A recovery of pressure has consequently taken place at some of our south-western stations, but over the greater part of the British Islands and France the barometer is falling rather decidedly. The wind has veered to W. on our south-west coast, and to NW. or N. in the west of Ireland, but elsewhere it is chiefly S^{ly}. In force it is strong in the west, with a moderate gale at Mullaghmore, Belmullet and Kintyre. The weather is fine over the Central and south-eastern parts of England, but cloudy or overcast elsewhere, with rain in the north-west and passing showers in the south-west. In the course of the day heavy rain has fallen in many parts of the Kingdom, the largest amounts being 1.3 in. at Roches Point, 0.7 in. at Donaghadee and Valencia and 0.6 in. at Ardrossan, Mullaghmore and Belmullet. A lunar halo was seen last night at Oxford and in London. Temperature has risen a few degrees in most places, and readings now range from 56° at Leith and Hurst Castle to 39° at Lonsoway. The sea is rough on our western and southern coasts.

The depression over the north of Ireland will probably continue to move north-north-eastwards or north-eastwards but there are some indications of the advance of a subsidiary disturbance towards the south-west of England.

FORECASTS

for the 24 hours ending at NOON on 8th Nov^r 1884.

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

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

Wind increasing from S. and afterwards veering to W. or NW.; cloudy, rain at times.

1 { SCOTLAND
EAST

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

2 { ENGLAND
N.E

S^{ly} to W^{ly} strong winds or gales; cloudy, some rain.

3 { ENGLAND
EAST

Same as No 5.

4 { MIDLAND
COUNTIES

Same as No 5.

5 { ENGLAND
SOUTH

S^{ly} and SW^{ly} winds, strong, perhaps a gale; changeable, some rain.

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

S^{ly} to SW^{ly} or W^{ly} strong winds and gales; cloudy, rain at times.

7 { ENGLAND
N.W.

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

8 { ENGLAND
S.W

SW^{ly} winds, strong, perhaps a gale; squally, showery.

9 { IRELAND
NORTH

W^{ly} or NW^{ly} strong winds or gales; squally, showery.

10 { IRELAND
SOUTH

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

WARNINGS

The south cone was hoisted last evening in districts 2, 3, 5, and 7 to 10, and this morning in districts 0, 1, and 6.

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

| TUESDAYS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|--------------------------------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-------|---|
| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
| Skudesnaes | 29.79 | 47 | 45 | W | 6 | A | 5 | Valencia | 29.80 | 49 | 47 | ESE | 3 | N m | 3 |
| Sumburgh Head | 29.62 | 46 | 42 | W | 4 | C | 5 | Scilly | 29.81 | 56 | 55 | S | 6 | 0 | 6 |
| Stornoway | 29.78 | 45 | 42 | SW | 4 | 6 p | 3 | Dungeness | 30.05 | 58 | 56 | WSW | 4 | 8 | 4 |
| Aberdeen | 29.86 | 48 | 43 | SW | 1 | 6 | 1 | London | 30.02 | 53 | 52 | SSE | 2 | 0 1/2 | * |
| Shields | 29.96 | 50 | 46 | SSW | 2 | 0 m | 2 | Yarmouth | 30.05 | 50 | 49 | SSW | 1 | 0 | 2 |
| Ardrossan | 29.91 | 49 | 48 | WSW | 3 | C | 2 | Jersey | 30.01 | 54 | 54 | S | 3 | 0 | 4 |
| Mullaghmore | 29.88 | 49 | 45 | SE | 1 | 0 m | 3 | Rochefort | 30.13 | 64 | 58 | SSE | 7 | 6 | 2 |
| Holyhead | 29.94 | 51 | 48 | SSE | 2 | 0 | 2 | | | | | | | | |
| Balmullet | 29.85 | 48 | 46 | NE | 2 | 0 | 2 | | | | | | | | |

REMARKS.

The barometer continues to rise in the north and east, but is falling in the south west. The wind has increased to a strong breeze S. at Scilly and is backing to S. or S.W. over the whole of Ireland and England. Rain has set in at Valencia, but in the south of Ireland the weather has improved slightly. The sea is rough at Sumburgh Hd. and Scilly.

DAILY WEATHER REPORT

for *Saturday* 8th Nov^r 1884.

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

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PART 24 HOURS. | | |
|------------------------|---|--------------------|--------|---------------------|----------|---|---|------|-------------|---|--------|---------------------|-------------------|-------------|------|---------------------------|----------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | BAROMETER. | | SHADE TEMP. | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | Direc. | Force. (0 to 12) | | | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force. (0 to 12) | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.93 | 31 | 2 | 0 | b | 29.78 | + 13 | 40 | 39 | + 5 | S | 4 | 0 | ? | 30 | - | | | |
| Hernösand ... | 30.03 | 37 | 2 | 0 | b | 29.66 | - 23 | 42 | 41 | + 1 | S | 6 | 1 | 48 | 32 | - | | | |
| Stockholm ... | 30.14 | 37 | SSE | 2 | b | 29.79 | - 21 | 46 | 45 | + 5 | SSW | 6 | 0 | 46 | 36 | - | | | |
| Wisby ... | 30.17 | 40 | SSE | 4 | b | 29.89 | - 16 | 49 | 47 | + 4 | S | 6 | 0 | ? | 37 | - | | | |
| Bodö ... | 29.69 | 40 | WSW | 2 | 0 | 29.16 | - 51 | 46 | 46 | + 2 | ESE | 2 | 0 | ? | 37 | 0.12 | | | |
| Christiansund ... | 30.38 | 46 | ESE | 4 | c | 29.15 | - 73 | 47 | 45 | + 3 | W | 2 | 0 | ? | 41 | 0.12 | | | |
| Skudesnaes ... | 29.57 | 53 | SSE | 8 | 0 | 29.76 | - 17 | 46 | 43 | - 1 | WNW | 6 | 0 | 54 | 46 | - | | | |
| Oxö (Xiansund) ... | 29.80 | 50 | SSE | 6 | 0 | 29.72 | - 32 | 47 | 44 | + 6 | W | 8 | 0 | 50 | ? | 0.32 | | | |
| Skagen (The Skaw) ... | 29.91 | 50 | S | 5 | 0 | 29.73 | - 36 | 48 | 46 | + 4 | WNW | 6 | 0 | 50 | 43 | 0.12 | | | |
| Fanö ... | 29.84 | 51 | SSE | 6 | c | 30.03 | - 03 | 47 | 46 | - 1 | W | 5 | 0 | 52 | 46 | 0.24 | | | |
| Cuxhaven ... | 30.01 | 48 | S | 2 | b | 30.17 | + 04 | 49 | 48 | + 1 | W | 3 | 0 | ? | 38 | 0.06 | | | |
| † Sumburgh Head ... | 29.16 | 50 | S | 3 | 0 | 29.71 | + 06 | 43 | 40 | 0 | W | 4 | 0 | 51 | 39 | 0.71 | | | |
| † Stornoway ... | 29.58 | 38 | WNW | 5 | ob | 29.59 | + 08 | 47 | 46 | + 8 | S | 7 | 1 | 47 | 36 | 0.85 | | | |
| Wick ... | 29.37 | 43 | WNW | 5 | h | 29.73 | + 37 | 45 | 43 | - 2 | S | 4 | 1 | 50 | 35 | 0.15 | | | |
| Nairn ... | 29.50 | 40 | WNW | 6 | 0 | 29.77 | + 35 | 43 | 41 | + 1 | E | 1 | 0 | 45 | 37 | 0.30 | | | |
| † Aberdeen ... | 29.36 | 43 | W. | 6 | h | 29.91 | + 44 | 41 | 39 | - 11 | SSW | 4 | 0 | 54 | 37 | 0.08 | | | |
| Leith ... | 29.43 | 48 | SW | 7 | 0 | 29.94 | + 50 | 46 | 40 | - 10 | SW | 4 | 0 | 59 | 39 | 0.01 | | | |
| † Shields ... | 29.57 | 46 | SW | 5 | b | 30.08 | + 47 | 45 | 42 | - 8 | SSW | 4 | 0 | 56 | 38 | 0.03 | | | |
| Spurn Head ... | 29.72 | 50 | WSW | 5 | 0 | 30.22 | + 48 | 41 | 41 | - 9 | SW | 4 | 0 | 55 | 40 | 0.13 | | | |
| York ... | 29.71 | 47 | W | 3 | bc | 30.19 | + 50 | 41 | 39 | - 9 | SW | 1 | 0 | 58 | 38 | 0.07 | | | |
| Loughborough ... | 29.82 | 48 | WSW | 4 | bc | 30.27 | + 52 | 39 | 38 | - 12 | SSW | 3 | 0 | 58 | 37 | 0.27 | | | |
| † Ardrossan ... | 29.64 | 46 | WNW | 6 | cqy | 29.95 | + 58 | 48 | 47 | - 6 | SSW | 6 | 0 | 54 | 42 | 0.04 | | | |
| † Mullaghmore ... | 29.84 | 45 | W | 4 | bcy | 29.81 | + 46 | 50 | 47 | + 5 | SW | 8 | 0 | 50 | 44 | 0.05 | | | |
| † Donaghadee ... | 29.80 | 43 | WNW | 4 | b | 30.00 | + 61 | 45 | 44 | - 9 | SSW | 4 | 0 | 54 | 37 | 0.02 | | | |
| † Parsonstown ... | 29.93 | 41 | 2 | 0 | b | 30.03 | + 54 | 47 | 45 | + 2 | SW | 3 | 0 | 48 | 36 | 0.02 | | | |
| Barrow-in-Furness ... | 29.74 | 48 | SW | 5 | 0 | 30.12 | + 57 | 49 | 45 | - 4 | S | 5 | 0 | 54 | 45 | 0.08 | | | |
| Holyhead ... | 29.87 | 48 | WNW | 7 | bcy | 30.13 | + 61 | 51 | 46 | - 3 | SSW | 6 | 0 | 55 | 44 | - | | | |
| Liverpool (Bishop) ... | 29.81 | 47 | W | 6 | c | 30.18 | + 58 | 42 | 40 | - 12 | S | 2 | 0 | 56 | 39 | 0.12 | | | |
| Valencia ... | 30.03 | 45 | W | 3 | bc | 30.03 | + 83 | 53 | 52 | + 6 | SSW | 8 | 0 | 54 | 42 | 0.01 | | | |
| Roche's Point ... | 29.97 | 46 | WNW | 3 | b | 30.13 | + 50 | 51 | 50 | + 8 | SW | 5 | 0 | 57 | 42 | 0.02 | | | |
| Pembroke ... | 29.94 | 50 | WNW | 5 | bc | 30.20 | + 60 | 52 | 49 | - 1 | SSW | 5 | 0 | 53 | 48 | 0.03 | | | |
| † Scilly ... | 30.00 | 52 | WNW | 6 | c | 30.28 | + 59 | 52 | 47 | - 1 | SW | 4 | 0 | 53 | 48 | 0.01 | | | |
| † Prawle Point ... | 29.99 | 49 | W | 4 | 0 | 30.33 | + 56 | 50 | 45 | - 5 | W | 2 | 0 | 56 | 42 | 0.05 | | | |
| Hurst Castle ... | 29.94 | 52 | W | 6 | bc | 30.37 | + 56 | 41 | 40 | - 15 | WNE | 1 | 0 | 58 | 39 | 0.07 | | | |
| † Dungeness ... | 29.89 | 54 | W | 5 | h | 30.36 | + 45 | 43 | 41 | - 12 | 2 | 0 | 0 | 59 | 40 | 0.09 | | | |
| London ... | 29.89 | 50 | WSW | 3 | c | 30.36 | + 52 | 41 | 40 | - 13 | S | 2 | 0 | 61 | 36 | 0.11 | | | |
| Oxford ... | 29.99 | 48 | SSW | 2 | b | 30.34 | + 56 | 40 | 39 | - 13 | SSW | 1 | 0 | 58 | 39 | 0.15 | | | |
| Cambridge ... | 29.81 | 50 | S | 1 | 0 | 30.34 | + 51 | 36 | 36 | - 15 | SW | 1 | 0 | 60 | 33 | 0.10 | | | |
| † Yarmouth ... | 29.79 | 53 | W | 5 | h | 30.30 | + 42 | 40 | 39 | - 13 | WSW | 2 | 0 | 57 | 37 | 0.07 | | | |
| † The Helder ... | 29.86 | 55 | S | 4 | h | 30.27 | + 28 | 49 | 44 | + 5 | W | 4 | 0 | 55 | ? | 0.12 | | | |
| Cape Griz Nez ... | 29.85 | 53 | WSW | 8 | h | 30.31 | + 40 | 48 | 47 | - 5 | W | 1 | 0 | 63 | 45 | 0.12 | | | |
| † Jersey ... | 30.01 | 53 | W | 6 | bc | 30.39 | + 54 | 49 | 44 | - 4 | WSW | 1 | 0 | 58 | 46 | 0.04 | | | |
| † Brest ... | 30.12 | 51 | WNW | 5 | 0 | 30.38 | + 59 | 52 | 49 | - 5 | SW | 3 | 0 | ? | 48 | - | | | |
| Lorient ... | 30.13 | 54 | WNW | 7 | c | 30.43 | + 57 | 47 | 46 | - 12 | ESE | 3 | 0 | 61 | 43 | 0.04 | | | |
| † Rochefort ... | 30.16 | 56 | WNW | 7 | h | 30.45 | + 43 | 47 | 45 | - 8 | NE | 4 | 0 | 66 | 41 | 0.16 | | | |
| Biarritz ... | 30.12 | 62 | WSW | 4 | c | 30.38 | + 37 | 55 | 52 | - 6 | W | 5 | 0 | 72 | 54 | 0.20 | | | |
| Corunna ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | | |
| Brussels ... | • | • | • | • | • | 30.40 | + 35 | 46 | 44 | - 5 | W | 1 | 0 | 62 | 45 | 0.20 | | | |
| Charleville ... | 30.04 | 59 | S | 1 | c | 30.36 | + 20 | 43 | 42 | - 7 | W | 1 | 0 | 65 | ? | 0.12 | | | |
| Paris ... | 30.42 | 60 | 2 | 0 | h | 30.47 | + 40 | 47 | 46 | - 2 | ESE | 3 | 0 | • | • | 0.12 | | | |
| Lyon ... | 30.18 | 60 | SSW | 5 | 0 | 30.39 | + 17 | 51 | 51 | + 5 | SE | 1 | 0 | 67 | ? | - | | | |
| Toulon ... | 30.24 | 56 | ESE | 5 | 0 | 30.30 | + 07 | 54 | 46 | - 1 | E | 4 | 0 | 57 | 50 | - | | | |
| Belmullet ... | 29.85 | 44 | W | 2 | b | 29.76 | + 23 | 51 | 51 | + 7 | SW | 9 | 0 | 57 | 44 | 0.11 | | | |

EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on Saturday 8th NOVEMBER

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

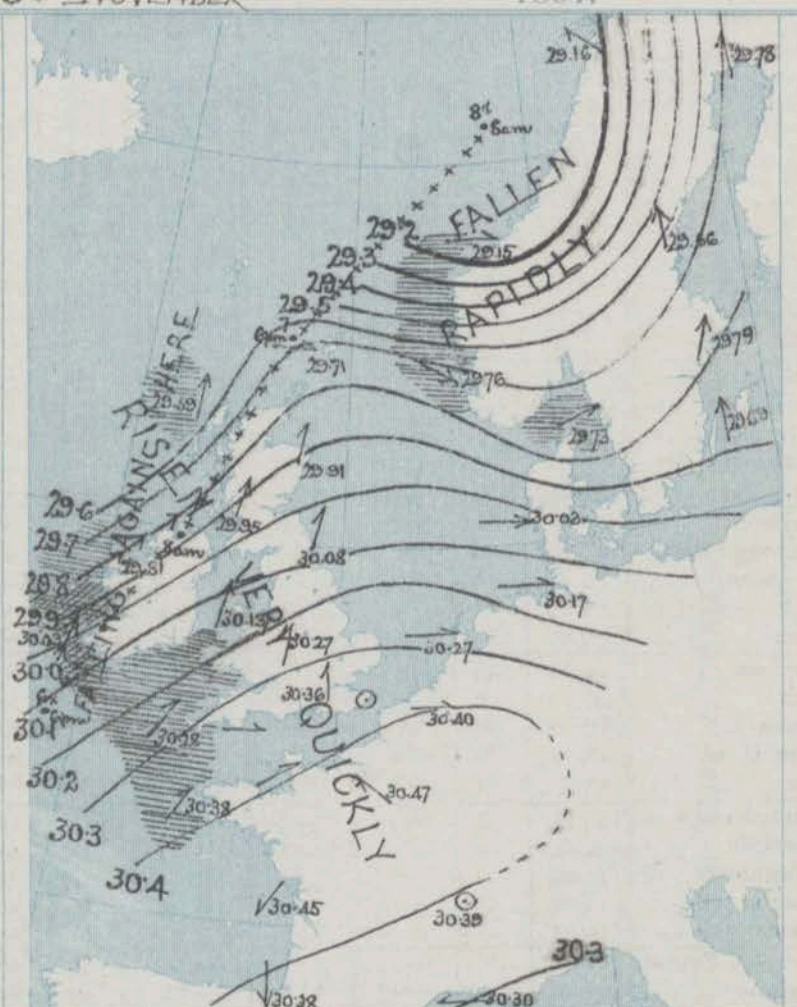
Barometer — Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind — Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus —
 * — force above 10, * — force 6 to 10,
 — force 5 to 7, — force 1 to 4,
 ○ — dead calm.

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

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sambargh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.870 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.824 |
| Donaghadee | 29.802 |
| Holyhead | 29.815 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roches Point | 29.855 |
| Pembroke | 29.867 |
| Scilly | 29.899 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.868 |
| Cambridge | 29.878 |
| Yarmouth | 29.863 |



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

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

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

for the month of November

| STATIONS | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sambargh Head | 41.0 | 39.4 | 4.15 |
| Stornoway | 40.2 | 39.1 | 4.58 |
| Wick | 37.8 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.05 |
| Aberdeen | 40.2 | 35.3 | 3.22 |
| Leith | 40.3 | 39.4 | 2.18 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.37 |
| Ardrossan | 42.2 | 39.8 | 3.85 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.61 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.14 |
| Roches Point | 45.3 | 43.6 | 4.24 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Scilly | 48.5 | 47.4 | 1.78 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.3 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.85 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

For Saturday 8th Novr 1884, at 8 a.m.

The depression which lay over the north of Ireland ^{yesterday} has moved quickly in a north-north-easterly direction and is now found off the coast of Norway. In its rear a brisk recovery of pressure took place over our islands but in the extreme west and north west, the barometer is again falling, and a new disturbance is shown off the Hebrides. An anticyclone with readings above 30.4 in: has appeared over France. The wind is E^{ly} in the south of France, but SW^{ly} or S^{ly} elsewhere; on our eastern and southern coasts it is moderate in force, but in the western parts of Ireland and Scotland it has increased to a gale. The weather is dull at our western and northern stations and rain is falling at Stromsaway and Ardara. Elsewhere, however, the weather is generally fine. Temperature has fallen several degrees over England and readings range from 53° at Valencia to 36° at Cambridge. The highest maxima registered yesterday were 61° in London and 60° at Cambridge. The sea is high at Valencia and rough on several parts of our western and southern coasts.

The new depression is likely to travel in very much the same direction as its predecessor, and strong winds or gales from south to south-west will probably be experienced on our western and northern coasts.

FORECASTS

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|--|-----------------------|--|
| 0 { SCOTLAND NORTH | S ^{ly} and S W ^{ly} winds, increasing to a gale; unsettled, some rain. | 6 { SCOTLAND WEST | S ^{ly} and S W ^{ly} strong winds and gales; cloudy, some rain. |
| 1 { SCOTLAND EAST | -----D-----D-----D----- | 7 { ENGLAND N. W. | -----D-----D-----D----- |
| 2 { ENGLAND N.E. | SW ^{ly} winds, increasing in force; changeable, some rain. | 8 { ENGLAND S. W. | SW ^{ly} winds, strong, perhaps a gale; cloudy, some rain. |
| 3 { ENGLAND EAST | Same as No 5. | 9 { IRELAND NORTH | SW ^{ly} strong winds, and gales; squally, showery. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | -----D-----D-----D----- |
| 5 { ENGLAND SOUTH | SW ^{ly} winds, moderate or fresh; fair on the whole, but probably some showers | WARNINGS | The south cone is still up in districts 0 to 2 and 6 to 10 |

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Woa. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Woa. | Sea. |
| Skudesnaes | 29.73 | 52 | 49 | SE | 8 | 0 | 5 | Valencia | 29.90 | 51 | 46 | WV | 4 | bcq/ | 4 |
| Sumburgh Head | 29.23 | 50 | 50 | S | 4 | 1 | 4 | Scilly | 29.88 | 53 | 49 | WVW | 6 | c | 6 |
| Stornoway | 29.45 | 40 | 39 | W | 6 | 1 q/ | 4 | Dungeness | 29.83 | 52 | 56 | SSW | 6 | c | 6 |
| Aberdeen | 29.31 | 53 | 51 | S | 7 | c q/ | 5 | London | 29.78 | 58 | 56 | SSW | 5 | og | * |
| Shields | 29.49 | 55 | 54 | SSW | 5 | n | 2 | Yarmouth | 29.78 | 56 | 55 | SSW | 5 | bc | 3 |
| Ardrossan | 29.81 | 45 | 45 | W | 6 | 0 | 5 | Jersey | 29.88 | 54 | 53 | W | 5 | 0 | 5 |
| Mullaghmore | 29.71 | 46 | 43 | WV | 6 | cp | 6 | Rochefort | 30.25 | 66 | 61 | S | 5 | c | 2 |
| Holyhead | 29.68 | 48 | 45 | W | 7 | c q/ | 6 | | | | | | | | |
| Balmullet | 29.75 | 47 | 45 | WVW | 4 | bc | 4 | | | | | | | | |

REMARKS.

The depression noticed over the north of Ireland this morning is now found over Scotland and the barometer is rising quickly in the west and south west, but is falling in the north and east. The wind is S^W on our east coasts, but WV^W in the west. Cloudy, unsettled weather prevails generally. The sea is rough on several parts of our coasts.

DAILY WEATHER REPORT

for *Sunday 9th Nov* 1884.

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

| Issued by the Meteorological Office, No. 1, Abchurch Lane, London, E.C. 4. | | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|---------------|-------------|------|---------------------|--|--|
| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea (0 to 9). | SHADE TEMP. | | | | |
| | | | Dir. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force (0 to 12). | | | Max. | Min. | Amount of Rainfall. | | |
| Haparanda | 29.31 | 42 | S | 6 | r | 29.51 | - .27 | 35 | 32 | - .5 | NW | 2 | c | • | 43 | 30 | 0.32 | | |
| Hernösand ... | 29.56 | 43 | NW | 6 | c | 29.71 | + .05 | 38 | 35 | - .3 | Z | 0 | bc | • | 45 | 36 | 0.12 | | |
| Stockholm ... | 29.86 | 44 | NW | 4 | b | 30.00 | + .21 | 47 | 44 | + .3 | WSW | 4 | o | • | 48 | 36 | 0.12 | | |
| Wisby ... | 29.96 | 46 | WSW | 8 | b | 30.04 | + .18 | 46 | 45 | - .1 | WSW | 6 | o | • | 52 | 37 | 0.04 | | |
| Bodö ... | 29.29 | 43 | E | 2 | o | 29.24 | + .05 | 40 | 38 | - .2 | S | 4 | r | 2 | 46 | 37 | 0.59 | | |
| Christiansund ... | 29.60 | 42 | ESE | 3 | o | 29.25 | + .12 | 34 | 48 | + .7 | SW | 4 | c | 5 | 54 | 39 | 0.16 | | |
| Skudesnaes ... | 29.84 | 49 | SSE | 8 | r | 29.50 | + .04 | 51 | 49 | + .2 | S | 8 | o | 5 | ? | 46 | 0.53 | | |
| Oxö (Xiansund) ... | 29.97 | 47 | W | 6 | r | 29.96 | + .18 | 51 | 49 | + .2 | W | 4 | o | 4 | ? | 45 | - | | |
| Skagen (The Skaw) | 30.02 | 48 | H | 6 | o | 30.00 | + .27 | 50 | 48 | + .2 | WSW | 4 | o | 4 | ? | 46 | - | | |
| Fanö ... | 30.20 | 50 | W | 6 | c | 30.17 | + .14 | 51 | 48 | + .3 | WSW | 6 | o | • | ? | 46 | - | | |
| Cuxhaven ... | 30.33 | ? | H | 3 | c | 30.33 | + .16 | 50 | 50 | + .1 | S | 3 | b | • | ? | 40 | - | | |
| Sumburgh Head | 29.42 | 49 | SW | 6 | r | 29.37 | - .05 | 50 | 49 | + .1 | SW | 5 | o | 5 | 54 | 43 | 0.28 | | |
| Stornoway ... | 29.36 | 53 | SSW | 8 | r | 29.51 | - .08 | 47 | 44 | - .3 | SW | 7 | bpg | 6 | 53 | 42 | 1.50 | | |
| Wick ... | 29.80 | 51 | S | 5 | c | 29.57 | - .16 | 47 | 44 | + .3 | W | 4 | o | 2 | 53 | 43 | 0.05 | | |
| Nairn ... | 29.54 | 50 | SW | 3 | o | 29.62 | - .08 | 51 | 50 | + .1 | WSW | 4 | p | 3 | 55 | 40 | 0.02 | | |
| Aberdeen ... | 29.73 | 51 | SSW | 6 | o | 29.69 | - .04 | 52 | 50 | + .2 | SW | 4 | b | 3 | 52 | 40 | - | | |
| Leith ... | 29.76 | 52 | SW | 7 | r | 29.81 | - .05 | 53 | 48 | + .5 | WSW | 4 | op | • | 54 | 45 | 0.06 | | |
| Shields ... | 29.98 | 52 | SSW | 4 | o | 29.94 | - .04 | 54 | 52 | + .2 | SSW | 4 | bc | 2 | 54 | 43 | - | | |
| Spurn Head ... | 30.16 | 49 | SSW | 5 | c | 30.13 | - .03 | 49 | 48 | + .1 | SSW | 5 | bc | 3 | 50 | 41 | - | | |
| York ... | 30.23 | 51 | SSW | 4 | c | 30.08 | - .15 | 52 | 49 | + .3 | SW | 3 | c | • | 52 | 40 | - | | |
| Loughborough ... | 30.22 | 49 | SW | 4 | bc | 30.16 | - .06 | 49 | 47 | + .2 | WSW | 4 | oy | • | 50 | 39 | - | | |
| Ardrossan ... | 29.82 | 51 | SSW | 7 | r | 29.88 | - .06 | 51 | 49 | + .2 | W | 5 | bc | 4 | 53 | 47 | 1.00 | | |
| Mullaghmore ... | 29.72 | 52 | SW | 8 | o | 29.91 | + .19 | 50 | 46 | - .4 | WSW | 6 | cm | 5 | 54 | 48 | 0.24 | | |
| Donaghadee ... | 29.89 | 53 | SSW | 7 | c | 29.94 | - .05 | 49 | 47 | + .2 | SW | 4 | bc | 2 | 52 | 44 | 0.09 | | |
| Parsonstown ... | 29.95 | 52 | SW | 3 | o | 30.05 | + .10 | 49 | 47 | + .2 | W | 1 | bc | • | 50 | 46 | - | | |
| Barrow-in-Furness | 30.06 | 52 | SSW | 6 | c | 30.01 | - .05 | 52 | 51 | + .1 | SW | 6 | o | • | 53 | 48 | - | | |
| Holyhead ... | 30.08 | 54 | SSW | 8 | o | 30.06 | - .02 | 53 | 52 | + .1 | SSW | 7 | r | 6 | 54 | 50 | 0.34 | | |
| Liverpool (Bishop) | 30.11 | 52 | SSW | 4 | o | 30.06 | - .05 | 52 | 49 | + .3 | SW | 4 | bc | 4 | 50 | 42 | - | | |
| Valencia ... | 29.93 | 54 | SSW | 8 | o | 30.12 | + .19 | 49 | 47 | - .2 | W | 2 | o | 4 | 55 | 47 | 0.11 | | |
| Roche's Point ... | 30.06 | 51 | SW | 6 | r | 30.09 | - .03 | 51 | 49 | - .2 | W | 3 | b | 4 | 54 | 49 | 0.15 | | |
| Pembroke ... | 30.16 | 54 | SSW | 6 | c | 30.11 | - .05 | 54 | 52 | + .2 | SW | 7 | og | 6 | 55 | 51 | - | | |
| Scilly ... | 30.23 | 54 | SSW | 5 | o | 30.19 | - .04 | 55 | 53 | + .2 | SSW | 4 | c | 6 | 55 | 51 | 0.01 | | |
| Prawle Point ... | 30.35 | 51 | SSW | 4 | o | 30.28 | - .07 | 51 | 51 | + .0 | SSW | 4 | o | 4 | 54 | 48 | - | | |
| Hurst Castle ... | 30.35 | 50 | WSW | 5 | c | 30.29 | - .06 | 50 | 49 | + .1 | SW | 5 | c | 4 | 50 | 40 | - | | |
| Dungeness ... | 30.37 | 50 | W | 4 | b | 30.31 | - .06 | 52 | 47 | + .5 | WSW | 4 | bc | 2 | 52 | 40 | - | | |
| London ... | 30.34 | 48 | SW | 2 | c | 30.28 | - .06 | 50 | 46 | + .4 | S | 2 | c | • | 55 | 41 | - | | |
| Oxford ... | 30.29 | 49 | SW | 4 | o | 30.25 | - .04 | 50 | 46 | + .4 | S | 2 | c | • | 53 | 40 | - | | |
| Cambridge ... | 30.28 | 45 | SW | 1 | bc | 30.25 | - .03 | 48 | 46 | + .2 | S | 1 | b | • | 50 | 35 | - | | |
| Yarmouth ... | 30.30 | 48 | SSW | 3 | c | 30.25 | - .05 | 48 | 46 | + .2 | SW | 3 | bc | 3 | 50 | 39 | - | | |
| The Helder ... | 30.35 | 50 | SW | 4 | bc | 30.28 | + .01 | 44 | 43 | - .1 | SSW | 3 | c | 3 | 52 | 43 | - | | |
| Cape Griz Nez ... | 30.38 | 52 | SW | 5 | b | 30.30 | - .08 | 46 | 44 | - .2 | S | 4 | c | 2 | 55 | 45 | - | | |
| Jersey ... | 30.39 | 51 | SW | 3 | b | 30.32 | - .07 | 50 | 47 | + .3 | SSW | 2 | b | 3 | 54 | 48 | - | | |
| Brest ... | | | | | | | | | | | | | | | | | | | |
| Lorient ... | 30.39 | 49 | SE | 3 | b | 30.32 | - .11 | 46 | 45 | - .1 | E | 4 | b | 2 | 57 | 42 | - | | |
| Rochefort ... | 30.40 | 52 | E | 4 | b | 30.38 | - .02 | 48 | 48 | + .0 | ESE | 4 | c | 2 | 63 | 41 | - | | |
| Biarritz ... | 30.35 | 56 | NE | 1 | b | 30.26 | - .09 | 54 | 53 | - .1 | E | 2 | r | 1 | 63 | 52 | - | | |
| Corunna ... | | | | | | | | | | | | | | | | | | | |
| Brussels ... | | | | | | 30.29 | - .01 | 42 | 41 | - .1 | S | 1 | f | • | 52 | 40 | - | | |
| Charleville ... | 30.44 | 43 | S | 1 | b | 30.40 | + .04 | 31 | 31 | - .0 | S | 1 | f | • | 56 | 31 | - | | |
| Paris ... | 30.45 | 50 | S | 3 | m | 30.41 | - .04 | 42 | 41 | - .1 | S | 0 | m | • | | | - | | |
| Lyons ... | 30.43 | 50 | WNW | 3 | b | 30.42 | + .01 | 49 | 49 | - .0 | WNW | 1 | f | • | 61 | 48 | - | | |
| Toulon ... | 30.32 | 61 | S | 1 | m | 30.37 | + .05 | 50 | 52 | + .2 | E | 1 | m | 2 | 68 | 52 | - | | |
| Bermudez | 29.68 | 52 | SW | 9 | r | 29.93 | + .25 | 49 | 47 | - .2 | W | 6 | b | + | 53 | ? | 0.79 | | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred. Dangerfield Lith. London

WEATHER CHARTS

for 8 a.m. on

Sunday 8th Nov^r

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

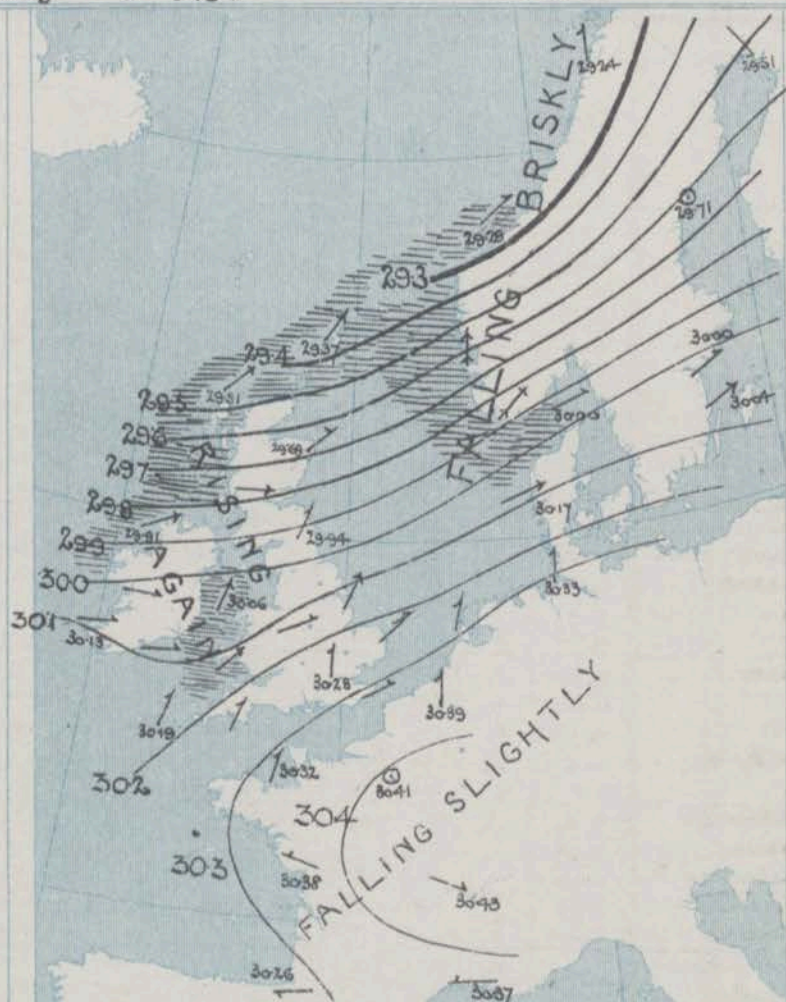
Sea Disturbance—where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|--------------|---------------|
| Sunbury Head | 29.724 |
| Stornoway | 29.765 |
| Wick | 29.767 |
| Nairn | 29.766 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.859 |
| Donaghadee | 29.832 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roches Point | 29.875 |
| Pembroke | 29.867 |
| Sally | 29.889 |
| Hurst Castle | 29.895 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather is shown by letters of the Beaufort Scale.

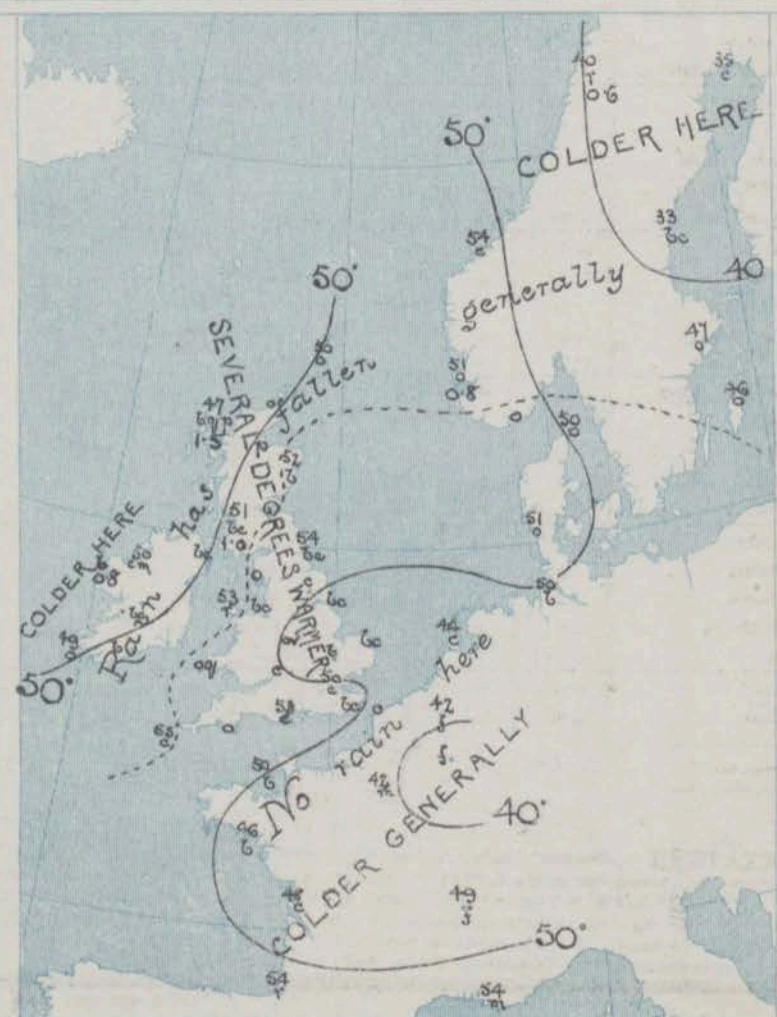
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November

| STATIONS. | TEMPERATURE | | RAINFALL |
|--------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sunbury Head | 47.0 | 39.4 | 9.18 |
| Stornoway | 40.3 | 39.1 | 9.38 |
| Wick | 40.6 | 39.2 | 3.74 |
| Nairn | 38.8 | 37.2 | 2.35 |
| Aberdeen | 39.2 | 36.3 | 3.22 |
| Leith | 40.3 | 39.4 | 2.15 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.83 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 43.1 | 40.3 | 3.51 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 45.6 | 44.6 | 5.19 |
| Roches Point | 45.3 | 43.6 | 4.29 |
| Pembroke | 46.2 | 44.2 | 3.83 |
| Sally | 46.6 | 44.4 | 3.73 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.3 | 3.20 |
| LONDON | 41.3 | 39.3 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.08 |
| Cambridge | 39.6 | 38.8 | 1.95 |
| Yarmouth | 42.8 | 41.6 | 3.31 |

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



REMARKS.

for Sunday, 9th November 1884, at 8 a.m.

The depression which lay off our extreme northwest coast has passed away in a north-northeasterly or northeasterly direction, and the barometer is now rising in Ireland and the west of Scotland. At our Eastern and Southern stations, however, the mercury continues to fall. The anticyclone which lay over France yesterday is now confined to the Eastern parts of that country. The wind has veered to W. in Ireland, but over Great Britain, the North Sea and Scandinavia it is generally W. and in the South of Norway it blows with the force of a gale. The weather is showery at several of our northern stations, but fair or fine elsewhere. Rain fell on the west and north coasts yesterday, the amount at Stromway being as much as 1.5 in. and that at Anstruther 1.0 in. Temperature has fallen or lies in France, and the W. of Ireland, but rises over England and Scotland; readings now range from 55° at Seilly to 49° at Stromway. The sea is rough on some parts of our Western and Northern coasts, moderate to smooth elsewhere.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

NONE ISSUED

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

NONE ISSUED

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-----|---|
| Skudesnaes | 29.92 | 48 | 44 | WSW | 6 | 0 | 5 | Valencia | 30.00 | 54 | 53 | SSW | 7 | ong | 6 |
| Sumburgh Head | 29.54 | 44 | 44 | S | 5 | r | 5 | Scilly | 30.27 | 54 | 49 | SSW | 7 | 0 | 5 |
| Stornoway | 29.40 | 51 | 51 | SSW | 8 | rg | 7 | Dungeness | 30.27 | 54 | 50 | WSW | 3 | c | 2 |
| Aberdeen | 29.75 | 48 | 46 | SSW | 6 | ag | 3 | London | 30.35 | 55 | 48 | SW | 4 | bc | * |
| Shields | 30.01 | 57 | 47 | SSW | 6 | 0 | 2 | Yarmouth | 30.20 | 50 | 47 | SSW | 3 | c | 3 |
| Ardrossan | 29.86 | 50 | 50 | SSW | 7 | r | 6 | Jersey | 30.48 | 54 | 47 | SSW | 3 | b | 3 |
| Mullaghmore | 29.74 | 53 | 51 | SW | 9 | ong | 7 | Rochefort | 30.43 | 60 | 55 | ENE | 1 | b | 2 |
| Holyhead | 30.09 | 55 | 58 | SSW | 8 | ong | 6 | | | | | | | | |
| Bermittet | 29.70 | 52 | 52 | SW | 9 | r | x | | | | | | | | |

REMARKS.

The barometer is now falling at nearly all stations, and the wind continues to increase from the SWrd on our western and northern coasts. The weather is fine in the south^{east} of England, but overcast elsewhere, with rain at Sumburgh Hd Stornoway. The sea is high or rough on our western and extreme northern coasts.

DAILY WEATHER REPORT

for *Monday 10th Nov^r 1884.*

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

| † YESTERDAY EVENING. | | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|-----------------------|------------------------------------|-----------------|-------|-------------------|---------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------------|-------------|------|------|---------------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 5). | 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 | 29.32 | 41 | S | 4 | A | 29.17 | - .34 | 41 | 37 | + 6 | SW | 2 | B | * | 41 | 34 | 0.12 | | |
| Hernösand ... | 29.62 | 49 | SSW | 4 | B | 29.76 | + .08 | 41 | 39 | + 3 | S | 2 | B | * | 52 | 34 | - | | |
| Stockholm ... | 29.93 | 51 | W | 2 | O | 30.00 | .00 | 43 | 43 | - 2 | WSW | 2 | B | * | 52 | 41 | - | | |
| Wisby ... | | | | | | | | | | | | | | | | | | | |
| Bodö | 29.08 | 47 | SW | 9 | O | 29.15 | - .09 | 45 | 42 | + 5 | SW | 9 | C | B | 46 | 37 | 0.91 | | |
| Christiansund ... | 29.56 | 45 | WSW | 9 | A | 29.70 | + .42 | 43 | 40 | - 11 | SW | 8 | A | 6 | ? | 39 | 0.63 | | |
| Skudesnaes ... | 30.00 | 50 | SSW | 6 | C | 30.20 | + .49 | 46 | 43 | - 5 | W | 8 | C | 5 | ? | ? | - | | |
| Oxö (Xilansund) ... | 30.01 | 50 | WSW | 6 | B | 30.16 | + .26 | 47 | 44 | - 4 | W | 6 | B | 5 | ? | 46 | - | | |
| Skagen (The Skaw) ... | 30.07 | 51 | W | 5 | B | 30.17 | + .17 | 48 | 46 | - 2 | W | 4 | B | 4 | ? | 45 | - | | |
| Fanö ... | 30.23 | 51 | WSW | 4 | O | 30.39 | + .22 | 47 | 45 | - 4 | W | 4 | B | * | 52 | 46 | - | | |
| Cuxhaven ... | 30.33 | 45 | SW | 2 | O | 30.46 | + .13 | 49 | 49 | - 1 | WSW | 2 | f | * | ? | 37 | - | | |
| † Sumburgh Head | 29.73 | 48 | W | 5 | C | 30.10 | + .73 | 45 | 42 | - 5 | W | 6 | A | 5 | 51 | 39 | 0.24 | | |
| † Stornoway ... | 29.82 | 43 | SW | 5 | B | 30.23 | + .72 | 44 | 42 | - 3 | SW | 4 | Bo | 4 | 49 | 40 | 0.17 | | |
| Wick ... | 29.92 | 42 | W | 4 | C | 30.32 | + .75 | 43 | 41 | - 4 | SW | 3 | Bo | 2 | 50 | 37 | 0.03 | | |
| Nairn ... | 29.95 | 45 | WSW | 2 | B | 30.30 | + .68 | 37 | 36 | - 14 | Z | 0 | B | 1 | 53 | 37 | 0.09 | | |
| † Aberdeen ... | 30.01 | 46 | SW | 3 | B | 30.39 | + .30 | 40 | 37 | - 12 | WSW | 1 | B | 1 | 54 | 36 | - | | |
| Leith ... | 30.08 | 49 | SW | 4 | O | 30.42 | + .61 | 45 | 42 | - 8 | WSW | 1 | Bo | * | 53 | 42 | 0.03 | | |
| † Shields ... | 30.19 | 50 | SSW | 1 | C | 30.49 | + .55 | 43 | 41 | - 11 | SSW | 1 | f | 2 | 57 | 40 | - | | |
| Spurn Head ... | 30.22 | 52 | SW | 2 | O | 30.51 | + .38 | 44 | 43 | - 5 | WSW | 1 | Bo | 2 | 54 | 43 | - | | |
| York ... | 30.28 | 50 | W | 1 | C | 30.52 | + .44 | 35 | 35 | - 17 | W | 1 | Bo | * | 56 | 35 | - | | |
| Loughborough... | 30.28 | 51 | SSE | 1 | A | 30.55 | + .39 | 30 | 30 | - 19 | Z | 0 | f | * | 57 | 30 | 0.02 | | |
| † Ardrossan ... | 30.12 | 50 | W | 4 | B | 30.41 | + .53 | 49 | 48 | - 2 | SW | 1 | Bo | 1 | 53 | 45 | 0.01 | | |
| † Mullaghmore ... | 30.18 | 47 | SW | 5 | C | 30.34 | + .43 | 45 | 43 | - 5 | SSE | 4 | B | 5 | 52 | 43 | 0.02 | | |
| Donaghadee ... | 30.23 | 44 | W | 2 | Bo | 30.44 | + .50 | 38 | 38 | - 11 | WSW | 2 | C | 1 | 52 | 37 | - | | |
| Parsonstown ... | 30.29 | 43 | Z | 0 | B | 30.41 | + .36 | 36 | 35 | - 13 | Z | 0 | B | * | 52 | 33 | - | | |
| Barrow-in-Furness | 30.22 | 41 | SW | 3 | O | 30.45 | + .44 | 46 | 45 | - 6 | SE | 2 | B | ? | 54 | 46 | - | | |
| † Holyhead ... | 30.27 | 50 | W | 3 | C | 30.49 | + .43 | 41 | 40 | - 12 | S | 3 | m | 3 | 56 | 40 | - | | |
| Liverpool (Bidston) | 30.26 | 49 | W | 3 | O | 30.50 | + .44 | 41 | 40 | - 11 | SSE | 1 | B | 2 | 56 | 41 | - | | |
| † Valencia ... | 30.31 | 45 | Z | 0 | B | 30.32 | + .19 | 49 | 47 | 0 | SE | 4 | B | 5 | 56 | 41 | 0.01 | | |
| Roche's Point .. | 30.31 | 49 | W | 2 | B | 30.40 | + .31 | 51 | 50 | 0 | SSE | 4 | B | 4 | 55 | 39 | - | | |
| Pembroke ... | 30.24 | 51 | NW | 2 | B | 30.45 | + .34 | 43 | 43 | - 11 | ESE | 2 | Bo | 2 | 54 | 42 | 0.03 | | |
| † Scilly ... | 30.29 | 53 | NW | 1 | O | 30.40 | + .21 | 54 | 53 | - 1 | ESE | 4 | Bo | 6 | 55 | 51 | 0.04 | | |
| Prawle Point ... | 30.31 | 53 | SW | 2 | O | 30.46 | + .18 | 53 | 53 | + 2 | SE | 2 | C | 3 | 55 | 48 | 0.06 | | |
| Hurst Castle ... | 30.34 | 54 | WSW | 3 | C | 30.52 | + .23 | 50 | 50 | - 3 | E | 2 | m | 4 | 59 | 49 | - | | |
| † Dungeness ... | 30.34 | 53 | WSW | 2 | C | 30.51 | + .20 | 50 | 49 | - 2 | NW | 1 | m | 1 | 56 | 42 | - | | |
| † London... | 30.34 | 52 | S | 1 | A | 30.54 | + .26 | 49 | 47 | - 1 | Z | 0 | f | * | 56 | 49 | 0.02 | | |
| Oxford ... | 30.34 | 53 | S | 3 | O | 30.56 | + .31 | 38 | 38 | - 12 | Z | 0 | Bo | * | 55 | 38 | - | | |
| Cambridge ... | 30.33 | 51 | SW | 1 | O | 30.56 | + .31 | 41 | 41 | - 7 | W | 1 | O | * | 56 | 38 | - | | |
| † Yarmouth ... | 30.27 | 51 | SW | 2 | C | 30.52 | + .27 | 43 | 43 | - 5 | NW | 1 | f | 2 | 53 | 43 | - | | |
| The Helder ... | 30.32 | 51 | SW | 1 | C | 30.49 | + .21 | 49 | 48 | + 5 | NW | 1 | Bo | 1 | 54 | ? | - | | |
| Cape Griz Nez... | 30.31 | 52 | SW | 3 | C | 30.46 | + .16 | 51 | 50 | + 5 | SW | 1 | m | 1 | 54 | 45 | 0.04 | | |
| † Jersey ... | 30.36 | 50 | SSE | 1 | B | 30.48 | + .16 | 50 | 47 | 0 | ESE | 3 | Bo | 3 | 55 | 47 | - | | |
| Brest ... | 30.34 | 54 | NE | 1 | O | 30.39 | | 49 | 45 | | E | 4 | B | 5 | 55 | 46 | - | | |
| Lorient ... | 30.33 | 54 | ESE | 4 | O | 30.41 | + .09 | 51 | 49 | + 5 | E | 5 | C | 5 | 57 | 43 | - | | |
| † Rochefort ... | 30.34 | 58 | ESE | 3 | Bo | 30.41 | + .03 | 51 | 50 | + 3 | E | 5 | C | 2 | 66 | 46 | - | | |
| Biarritz ... | 30.28 | 63 | ESE | 3 | C | 30.32 | + .06 | 57 | 55 | + 3 | SE | 4 | C | 2 | 70 | 52 | - | | |
| Corunna ... | | | | | | | | | | | | | | | | | | | |
| Brussels ... | | | | | | 50.54 | + .15 | 44 | 44 | + 2 | Z | 0 | f | * | 51 | 37 | - | | |
| Charleville ... | 30.36 | 46 | SW | 1 | B | 30.40 | .00 | 42 | 41 | + 11 | W | 1 | B | * | 50 | 29 | - | | |
| Paris ... | 30.41 | 46 | Z | 0 | Bo | 30.56 | + .15 | 40 | 40 | - 2 | Z | 0 | f | * | | | - | | |
| Lyons ... | 30.41 | 49 | SSW | 1 | B | 30.44 | + .01 | 47 | 47 | - 2 | W | 1 | m | * | 55 | 46 | 0.04 | | |
| Toulon ... | 30.33 | 59 | Z | 0 | B | 30.30 | - .07 | 56 | 50 | + 2 | NW | 4 | m | ? | 66 | 52 | - | | |
| Belmullet ... | 30.16 | 50 | WNW | 5 | B | 30.28 | + .35 | 49 | 44 | 0 | ESE | 3 | B | * | 51 | 46 | 0.02 | | |

EXPLANATION OF COLUMNS.

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

Fred^r Dungenius Lith. London.

WEATHER CHARTS

for 8 a.m. on Monday, 10th NOVEMBER, 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

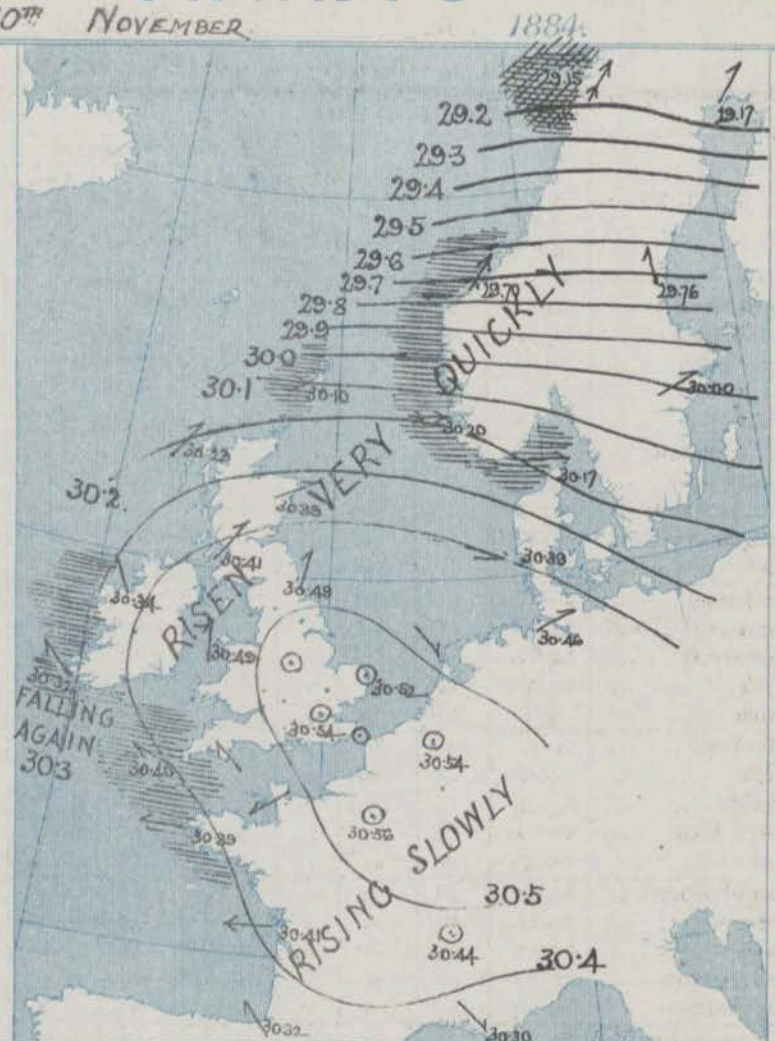
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.729 |
| Stormoway | 29.765 |
| Wick | 29.767 |
| Nairn | 29.766 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.829 |
| Donaghadee | 29.832 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Rock's Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.839 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.865 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

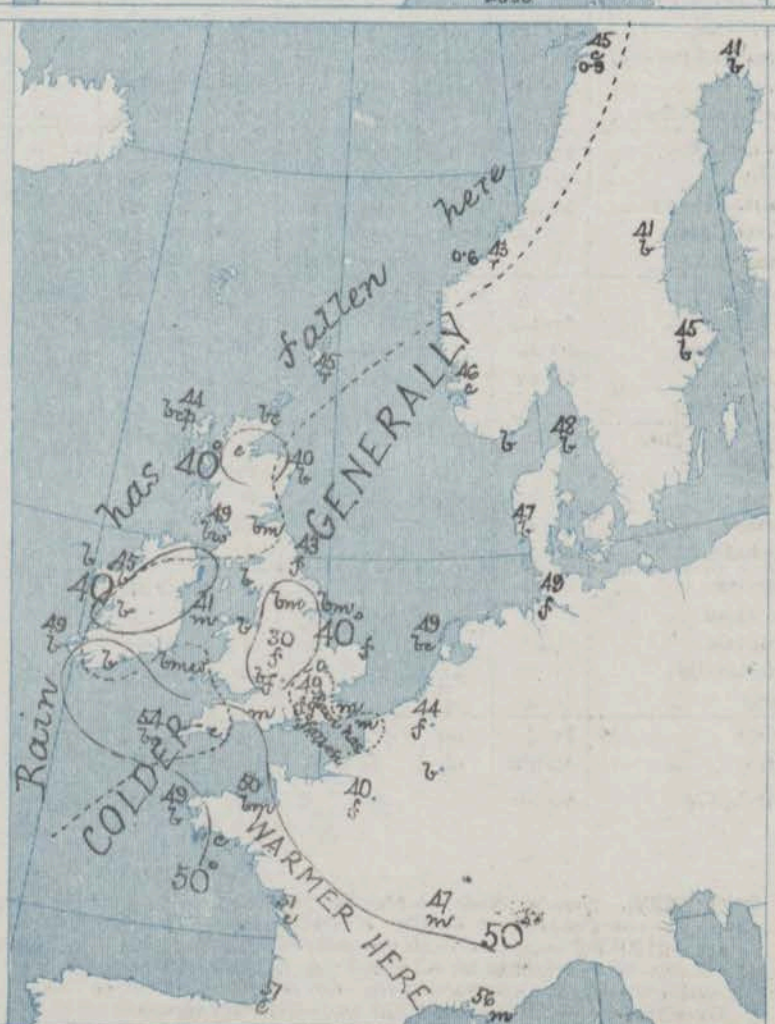
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 41.0 | 39.4 | 4.18 |
| Stormoway | 40.2 | 39.1 | 4.38 |
| Wick | 40.8 | 39.2 | 3.19 |
| Nairn | 38.4 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.78 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.65 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.61 |
| Liverpool | 41.6 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.19 |
| Rock's Point | 45.3 | 43.6 | 4.24 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Scilly | 49.6 | 47.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.6 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.96 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Monday 10th November. 1884, at 8 a.m.

The rise of the barometer noticed on our western and northern coasts yesterday has since extended to all parts of Western Europe and the anticyclone recently noticed over France has extended to the Central and Eastern parts of England. At Valencia, however, a slight fall of the mercury has set in since 10pm. Moderate E^{ly} breezes prevail over the Bay of Biscay, and western part of the Channel, and SE^{ly} breezes on our western coasts, but elsewhere the wind is SW^{ly} or W^{ly}. In the west of Norway fresh or strong gales are blowing. Fog prevails over England and the north coast of France, but elsewhere the weather is fine. During yesterday showers fell in many parts of the Kingdom, and lightning was seen at Strouway, Wick, and Androsan. A lunar halo was seen at Cambridge early this morning. Temperature has fallen generally, several degrees over England - and readings range from 54° at Scilly to 38° at Loughborough. The sea is rather rough on our extreme west and south west coasts.

The fall of the barometer at Valencia is likely to occasion a freshening of the SE^{ly} winds over Ireland but on our east and south coasts no immediate change in the weather is probable.

FORECASTS

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|---|-----------------------|---|
| 0 { SCOTLAND NORTH | SW ^{ly} winds, moderate or fresh; fair generally. | 6 { SCOTLAND WEST | SE ^{ly} and S ^{ly} winds, moderate; fair generally. |
| 1 { SCOTLAND EAST | ----- D ^o ----- D ^o ----- D ^o ----- | 7 { ENGLAND N.W. | ----- D ^o ----- D ^o ----- D ^o ----- |
| 2 { ENGLAND N.E. | SW ^{ly} or S ^{ly} winds, light, fair, local fogs. | 8 { ENGLAND S.W. | SE ^{ly} winds, moderate or fresh; fair generally. |
| 3 { ENGLAND EAST | Same as No 5 | 9 { IRELAND NORTH | SE ^{ly} and S ^{ly} winds, freshening; fair to unsettled and some rain. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | ----- D ^o ----- D ^o ----- D ^o ----- |
| 5 { ENGLAND SOUTH | Variable breezes, finally SE ^{ly} ; fair generally but some fog at night. | WARNINGS | None issued. |

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

| | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wen. | Sea. |
|---------------|-------|------|------|-------|------|------|---|-------------|-------|------|-------|------|------|
| Skudesnaes | 29.87 | 53 | 60 | hrst | 6 | 0 | 5 | Valencia | | | | | |
| Sumburgh Head | | | | | | | | Scilly | | | | | |
| Stornoway | | | | | | | | Dunfermline | | | | | |
| Aberdeen | | | | | | | | London | | | | | * |
| Shields | | | | | | | | Yarmouth | | | | | |
| Ardrossan | | | | | | | | Jersey | | | | | |
| Mullaghmore | | | | | | | | Rochefort | 30.57 | 66 | 59 | ESE | 4 |
| Holyhead | | | | | | | | | | | | 60 | 2 |

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 2nd to the 8th November 1884.

At the commencement of this week the general distribution of pressure was still favourable for Southerly winds in most places, but a complication was brought about owing to the gradual approach of a new high-pressure area from the westward, bringing with it a spell of cold Northwesterly winds and rain. This change took place in the west of Ireland on the 1st and by 8 am on the 2nd had spread over the whole of that country, the Irish Sea and the northwestern & western coast of England. At the more eastern stations, however, the weather remained fine, and it was not until evening that the shift of wind took place in London. The alteration was, however, purely temporary, for at 8 am on Monday Southerly breezes had again set in over Ireland, with decreasing pressure and these spread to all parts of our islands during the day. From the 4th to the end of the week winds & weather of a Southwesterly to Southerly type prevailed very generally; some well marked depressions passed in a north-north-easterly direction outside our western coast, producing Southerly gales and a great deal of rain over all the western & northern parts of the United Kingdom, while the small subsidiary disturbances which accompanied them brought occasional falls of rain to the more eastern counties.

DAILY WEATHER REPORT

for *Tuesday* *11th Nov^r* *1884.*

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

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|----------------------|------------------------------------|-----------------|-------|------------------|---------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------------|-------------|------|----------------|---------------------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | | | |
| | | | 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 | | | | | | | | | | | | | | | | | | |
| Hernösand ... | 29.97 | 42 | NW | 8 | 6 | 30.39 | + .63 | 41 | 36 | 0 | WNW | 6 | 6 | * | 50 | 34 | - | |
| Stockholm ... | 30.16 | 43 | W | 6 | 6 | 30.46 | + .46 | 37 | 34 | - 8 | WNW | 2 | 6 | * | 55 | ? | - | |
| Wisby ... | 30.17 | 46 | WNW | 6 | 6 | 30.43 | | 44 | 40 | | WNW | 6 | 6 | * | 50 | 43 | - | |
| Bodö ... | 29.77 | 43 | W | 9 | 0 | 30.26 | + 1.1 | 36 | 35 | - 9 | WSW | 6 | 6 | * | 45 | ? | 0.08 | |
| Christiansund ... | 30.26 | 44 | NW | 4 | 6 | 30.36 | + 0.66 | 42 | 38 | - 1 | SSE | 1 | 6 | * | 46 | 39 | 0.24 | |
| Skudesnaes ... | 30.48 | 47 | WNW | 4 | 6 | 30.58 | + .38 | 47 | 45 | + 1 | SSE | 6 | 6 | * | 48 | 46 | 0.04 | |
| Oxö (Zidansund) ... | 30.49 | 46 | W | 4 | 6 | 30.60 | + .44 | 39 | 37 | - 8 | W | 1 | 6 | * | 48 | 37 | - | |
| Skagen (The Skaw) | 30.50 | 47 | WNW | 5 | 6 | 30.58 | + .41 | 43 | 42 | - 5 | W | 0 | 6 | * | 48 | 39 | - | |
| Fanö ... | 30.62 | 42 | W | 1 | 6 | 30.65 | + .26 | 38 | 38 | - 9 | S | 1 | 6 | * | 50 | 34 | - | |
| Cuxhaven ... | 30.56 | 43 | WNW | 1 | 6 | 30.66 | + .20 | 37 | 37 | - 12 | WSW | 1 | 6 | * | 50 | 36 | - | |
| Sumburgh Head | 30.31 | 47 | S | 3 | 6 | 30.16 | + .06 | 49 | 47 | + 4 | S | 6 | 6 | * | 49 | 42 | 0.02 | |
| Stornoway ... | 30.18 | 50 | S | 6 | 6 | 29.97 | - .26 | 53 | 51 | + 9 | S | 8 | 6 | * | 53 | 44 | - | |
| Wick ... | 30.33 | 48 | S | 4 | 6 | 30.14 | - .18 | 49 | 48 | + 6 | S | 7 | 6 | * | 49 | 41 | - | |
| Nairn ... | 30.31 | 45 | SW | 1 | 6 | 30.14 | - .16 | 52 | 50 | + 18 | SSW | 6 | 6 | * | 52 | 37 | - | |
| Aberdeen ... | 30.42 | 44 | SW | 1 | 6 | 30.30 | - .09 | 48 | 46 | + 8 | S | 6 | 6 | * | 50 | 39 | - | |
| Leith ... | 30.42 | 41 | SW | 1 | 6 | 30.30 | - .12 | 49 | 45 | + 4 | SW | 1 | 6 | * | 52 | 39 | - | |
| Shields ... | 30.51 | 48 | SE | 2 | m | 30.42 | - .07 | 44 | 44 | + 1 | SSW | 3 | m | * | 55 | 39 | - | |
| Spurn Head ... | 30.55 | 48 | SE | 2 | 6 | 30.47 | - .04 | 48 | 48 | + 4 | SE | 3 | 6 | * | 51 | 40 | - | |
| York ... | 30.54 | 45 | S | 1 | 6 | 30.47 | - .05 | 42 | 42 | + 7 | S | 1 | 6 | * | 51 | 32 | 0.01 | |
| Loughborough... | 30.54 | 39 | SSE | 1 | 6 | 30.45 | - .10 | 45 | 45 | + 15 | SSE | 1 | 6 | * | 52 | 30 | - | |
| Ardrossan ... | 30.38 | 49 | SE | 2 | 6 | 30.26 | - .15 | 51 | 51 | + 2 | S | 4 | 6 | * | 53 | 46 | - | |
| Mullaghmore ... | 30.21 | 52 | SSE | 5 | 0 | 30.05 | - .29 | 53 | 52 | + 8 | S | 8 | 6 | * | 54 | 45 | 0.05 | |
| Donaghadee ... | 30.37 | 52 | S | 4 | 0 | 30.24 | - .20 | 53 | 52 | + 15 | S | 6 | 6 | * | 53 | 37 | - | |
| Parsonstown ... | 30.23 | 52 | SSE | 1 | 6 | 30.19 | - .22 | 53 | 51 | + 17 | SSE | 2 | 6 | * | 53 | 35 | - | |
| Barrow-in-Farness | 30.46 | 47 | SE | 3 | 6 | 30.37 | - .08 | 47 | 46 | + 1 | SE | 4 | 6 | * | 51 | 46 | - | |
| Holyhead ... | 30.41 | 52 | S | 4 | 0 | 30.35 | - .16 | 52 | 49 | + 11 | SSW | 4 | 6 | * | 53 | 41 | - | |
| Liverpool (Bidston) | 30.46 | 47 | ESE | 3 | 0 | 30.37 | - .13 | 45 | 44 | + 4 | SE | 4 | 6 | * | 50 | 40 | - | |
| Valencia ... | 30.17 | 54 | SSE | 7 | 0 | 30.09 | - .23 | 55 | 55 | + 6 | SSE | 6 | 6 | * | 56 | 18 | 0.27 | |
| Roche's Point .. | 30.29 | 52 | SSE | 5 | 0 | 30.20 | - .20 | 54 | 53 | + 3 | S | 5 | 6 | * | 55 | 50 | 0.01 | |
| Pembroke ... | 30.37 | 52 | ESE | 4 | 6 | 30.32 | - .13 | 53 | 51 | + 10 | SSE | 4 | 6 | * | 54 | 42 | - | |
| Scilly ... | 30.32 | 55 | SSE | 5 | 0 | 30.29 | - .11 | 54 | 52 | 0 | S | 4 | 6 | * | 57 | 47 | - | |
| Prawle Point ... | 30.42 | 53 | ESE | 4 | 6 | 30.36 | - .10 | 51 | 49 | - 2 | ESE | 3 | 6 | * | 57 | 50 | - | |
| Hurst Castle ... | 30.49 | 53 | ESE | 3 | m | 30.40 | - .12 | 50 | 48 | 0 | SE | 3 | 6 | * | 54 | 48 | 0.02 | |
| Dungeness ... | 30.51 | 53 | WNW | 2 | 6 | 30.44 | - .07 | 46 | 44 | - 4 | ESE | 3 | 6 | * | 56 | 46 | - | |
| London ... | 30.52 | 50 | 2 | 0 | 6 | 30.44 | - .10 | 44 | 43 | - 5 | ESE | 1 | 6 | * | 57 | 44 | - | |
| Oxford ... | 30.52 | 46 | E | 1 | 6 | 30.43 | - .13 | 48 | 45 | + 10 | ESE | 2 | 6 | * | 54 | 38 | - | |
| Cambridge ... | 30.55 | 44 | WNW | 1 | 6 | 30.45 | - .11 | 44 | 44 | + 3 | E | 1 | 6 | * | 56 | 37 | - | |
| Yarmouth ... | 30.56 | 49 | NE | 2 | 6 | 30.47 | - .05 | 49 | 48 | + 6 | SE | 5 | 6 | * | 50 | 43 | - | |
| The Helder ... | 30.58 | 48 | NE | 1 | 6 | 30.55 | + .06 | 42 | 42 | - 7 | ESE | 3 | 6 | * | 52 | 41 | - | |
| Cape Griz Nez... | 30.48 | 50 | E | 1 | 0 | 30.41 | - .05 | 39 | 39 | - 12 | E | 3 | 6 | * | 57 | 36 | - | |
| Jersey ... | 30.43 | 52 | ESE | 3 | 6 | 30.36 | - .12 | 44 | 44 | - 6 | ESE | 2 | 6 | * | 56 | 43 | - | |
| Brest ... | | | | | | | | | | | | | | | | | | |
| Lorient ... | 30.38 | 54 | ESE | 7 | 6 | 30.36 | - .03 | 44 | 41 | - 7 | E | 4 | m | * | 63 | 41 | - | |
| Rochefort ... | 30.38 | 52 | E | 7 | 6 | 30.34 | - .07 | 46 | 46 | - 5 | E | 5 | 6 | * | 59 | 41 | - | |
| Biarritz ... | 30.31 | 59 | W | 3 | 6 | 30.29 | - .03 | 55 | 55 | - 2 | W | 3 | 6 | * | 68 | 54 | - | |
| Corunna ... | | | | | | | | | | | | | | | | | | |
| Brussels ... | | | | | | 30.49 | - .05 | 36 | 36 | - 8 | E | 1 | 6 | * | 50 | 35 | - | |
| Charleville ... | 30.07 | 47 | E | 1 | 6 | 30.37 | - .03 | 39 | 36 | - 3 | SE | 4 | m | * | 37 | 35 | - | |
| Paris ... | 30.40 | 48 | WNW | 3 | 0 | 30.42 | - .14 | 41 | 40 | + 1 | N | 4 | 6 | * | | | - | |
| Lyons ... | 30.41 | 42 | WNW | 1 | 6 | 30.39 | - .05 | 44 | 43 | - 3 | S | 1 | m | * | 48 | 42 | 0.39 | |
| Toulon ... | 30.27 | 60 | W | 1 | 6 | 30.26 | - .04 | 56 | 46 | 0 | E | 3 | 6 | * | 66 | 55 | - | |
| Balmuccia ... | 30.09 | 52 | SSE | 8 | 6 | 30.01 | - .27 | 53 | 53 | + 4 | SW | 8 | 6 | * | 53 | 44 | 0.30 | |

EXPLANATION OF COLUMNS.

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

Printed by Doughty & Co. Ltd., London.

WEATHER CHARTS

for 8 a.m. on *Tuesday*, 11th November 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

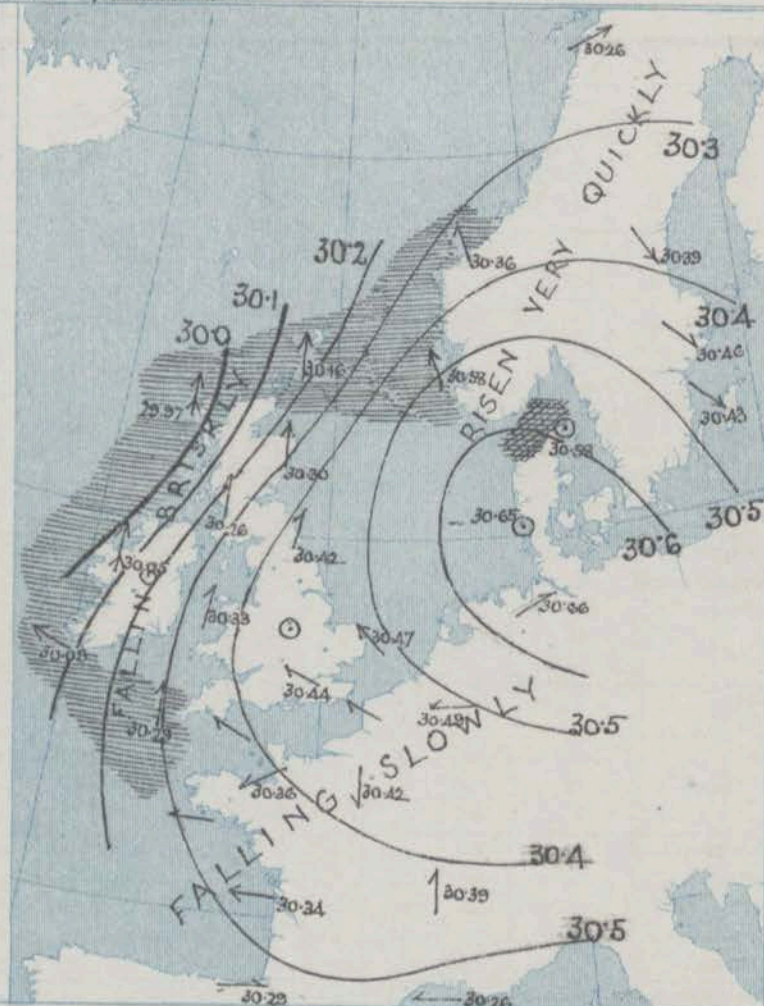
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.766 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.829 |
| Donaghadee | 29.832 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roche's Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.899 |
| Hurst Castle | 29.886 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.868 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

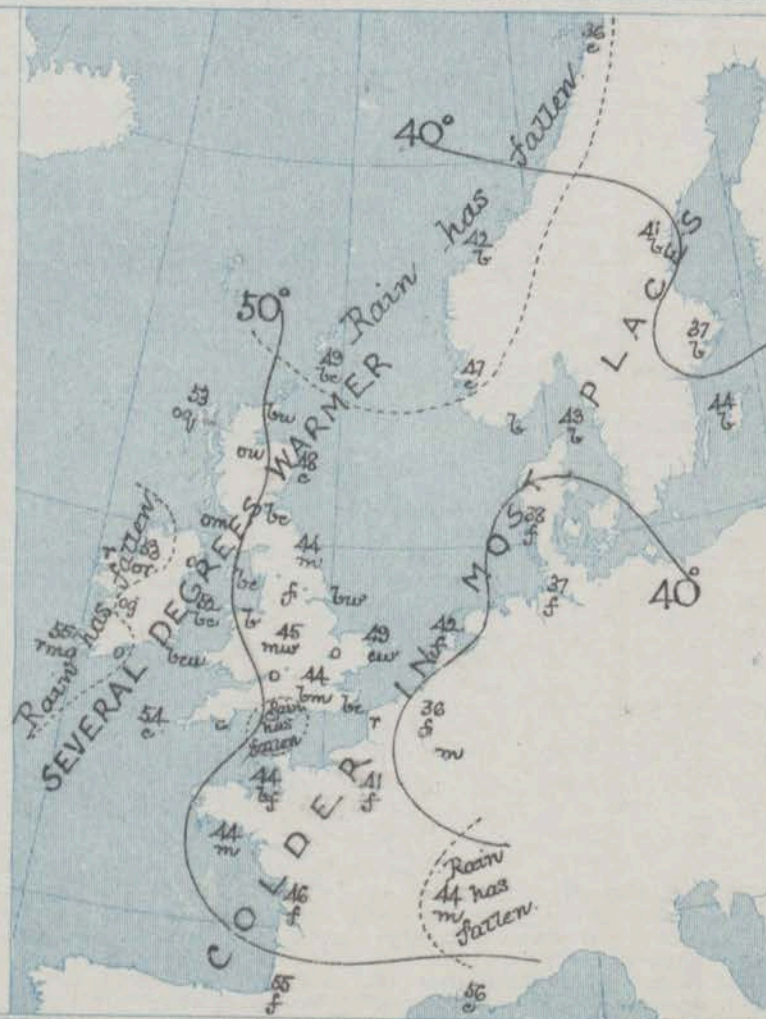
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.4 | 4.18 |
| Stornoway | 40.3 | 39.1 | 4.38 |
| Wick | 40.6 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.36 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.18 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.86 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.51 |
| Liverpool | 41.6 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.19 |
| Roche's Point | 45.3 | 43.6 | 5.29 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Scilly | 49.5 | 47.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.4 | 1.86 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Tuesday 11th November.

1884. at 8 a.m.

The anticyclone noticed over England and the north east of France yesterday has moved away to Denmark and in the meantime a series of depressions has begun to travel along our western and north-western coasts. The barometer has consequently risen on the eastern shore of the North Sea, but fallen in our Islands and France - quickly in the west. Moderate E³ breezes prevail in the Bay of Biscay, and SE³ breezes at the English stations, but in Ireland and Scotland the wind is strong to a gale from the Snd. The sky is cloudy on our western and northern coasts with rain in the coast of Ireland. Elsewhere, however, the weather is fine but fog prevails at many of the Continental stations. Since yesterday rain has fallen in some parts of Ireland ~~in some part of Ireland~~, as well as in the Shetlands. Temperature has risen in our Islands, but fallen elsewhere, and reading now range from 55° at Valencia to 42° at York. The sea is high at Stromoway and rough on several parts of our western and northern coasts.

The wind at Valencia after blowing hard from the southward has backed to east south-east, and there are some indications of the advance of other depressions towards our western coasts.

FORECASTS

for the 24 hours ending at NOON on 12th Nov^r 1884.

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|--|--------------------|--|
| 0 { SCOTLAND NORTH | S ³ strong winds and gales; cloudy, unsettled, some rain. | 6 { SCOTLAND WEST | SE ² and S ² Winds, increasing in force; fair to cloudy and some rain. |
| 1 { SCOTLAND EAST | D ⁰ D ⁰ D ⁰ | 7 { ENGLAND N.W. | D ⁰ D ⁰ D ⁰ |
| 2 { ENGLAND N.E. | S ² winds, freshening; fair on the whole. | 8 { ENGLAND S.W. | D ⁰ D ⁰ D ⁰ |
| 3 { ENGLAND EAST | Same as No 5 | 9 { IRELAND NORTH | SE ² or S ² strong winds and gales; squally. some rain. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | D ⁰ D ⁰ D ⁰ |
| 5 { ENGLAND SOUTH | SE ² winds, moderate or fresh; fair generally. | WARNINGS | The south cone was hoisted yesterday in districts 0.1.6.9 and 10 |

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. |
| Skudesnaes | 30.38 | 48 | 45 | W | 8 | 0 | 5 | Valencia | 30.24 | 54 | 53 | SSE | 6 | omg | 6 |
| Sumburgh Head | 30.29 | 47 | 44 | W | 4 | bc | 4 | Scilly | 30.34 | 56 | 54 | ESE | 5 | c | 6 |
| Stornoway | 30.28 | 51 | 49 | S | 5 | bcp | 5 | Dungeness | 30.50 | 55 | 53 | ESE | 2 | c | 1 |
| Aberdeen | 30.43 | 48 | 44 | WSW | 2 | b | 1 | London | 30.51 | 55 | 49 | ESE | 1 | bm | * |
| Shields | 30.49 | 51 | 48 | SE | 1 | bc | 2 | Yarmouth | 30.55 | 50 | 49 | WSE | 1 | b | 1 |
| Ardrossan | 30.41 | 52 | 50 | S | 2 | b | 2 | Jersey | 30.44 | 56 | 52 | E | 3 | b | 3 |
| Mullaghmore | 30.26 | 51 | 48 | SSE | 6 | bc | 6 | Rochefort | 30.41 | 58 | 55 | E | 5 | bc | 2 |
| Holyhead | 30.47 | 52 | 47 | SSW | 4 | b | 3 | | | | | | | | |
| Belmullet | 30.17 | 51 | 50 | SSE | 5 | c | * | | | | | | | | |

REMARKS.

The barometer is falling at our western and southern stations, but is still rising in the north and east. The wind has increased to a strong breeze from SSE in the west of Ireland, with dull, misty weather at Valencia. Elsewhere the wind is light or moderate and the weather fine. The sea is rough in the extreme west and south west.

DAILY WEATHER REPORT

for Wednesday 12th November 1884.

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

| | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|----------------|---------------------|------|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | Amount of Rainfall. | |
| Haparanda | 30.36 | 36 | N | 2 | o | 30.24 | + .16 | 28 | 28 | — | 12 | NE | 1 | b | • | 41 | ? | — |
| Hernösand ... | 30.54 | 30 | Z | 0 | b | 30.42 | + .08 | 30 | 28 | — | 11 | Z | 0 | b | • | 46 | 27 | — |
| Stockholm ... | 30.61 | 34 | WNW | 2 | b | 30.60 | + .01 | 30 | 32 | — | 5 | W | 2 | f | • | 45 | ? | — |
| Wisby ... | 30.54 | 42 | SW | 4 | b | 30.57 | + .07 | 36 | 35 | — | 8 | NNE | 2 | f | • | 48 | ? | — |
| Bodö | 30.13 | 45 | ESE | 2 | o | 30.10 | — .03 | 48 | 45 | + 3 | 12 | WNW | 6 | o | • | 48 | • | 0.08 |
| Christiansund ... | 30.23 | 48 | ESE | 1 | b | 30.25 | — .02 | 44 | 40 | + 4 | 2 | ESE | 2 | c | 5 | 48 | 36 | — |
| Skudesnaes ... | 30.32 | 49 | SSE | 8 | o | 30.41 | — .09 | 47 | 43 | + 4 | 0 | SSE | 8 | c | 6 | ? | 46 | — |
| Oxö (Klansund) ... | 30.45 | 47 | S | 2 | o | 30.34 | — .11 | 43 | 41 | + 2 | 4 | SSE | 4 | m | 3 | 48 | ? | — |
| Skagen (The Skaw) | 30.62 | 41 | Z | 0 | b | 30.57 | — .05 | 41 | 40 | — 1 | 2 | Z | 0 | b | 0 | 48 | 36 | — |
| Fanö ... | 30.60 | 39 | SSE | 4 | b | 30.58 | — .02 | 35 | 35 | — 0 | 3 | SSE | 4 | o | • | 45 | 34 | — |
| Cuxhaven ... | 30.61 | 40 | ESE | 3 | bc | 30.56 | — .05 | 37 | 37 | — 0 | SE | 4 | bc | • | 47 | 36 | — | |
| Sumburgh Head | 30.13 | 50 | S | 5 | o | 30.03 | — .10 | 48 | 47 | — 1 | S | 6 | r | 6 | 51 | 44 | 0.30 | |
| Stornoway ... | 30.11 | 48 | Z | 0 | cm | 30.08 | — .03 | 51 | 50 | — 1 | S | 6 | rw | 5 | 54 | 45 | 0.71 | |
| Wick ... | 30.17 | 50 | S | 4 | r | 30.01 | — .16 | 48 | 48 | — 0 | S | 6 | rw | 4 | 51 | 46 | 0.15 | |
| Nairn ... | 30.14 | 53 | SW | 5 | o | 30.09 | — .05 | 51 | 50 | — 1 | SW | 3 | o | 2 | 54 | 50 | 0.03 | |
| Aberdeen ... | 30.26 | 49 | S | 6 | o | 30.13 | — .13 | 47 | 46 | — 1 | S | 5 | o | 3 | 49 | 46 | — | |
| Leith ... | 30.25 | 48 | Z | 0 | f | 30.11 | — .14 | 45 | 42 | — 3 | Z | 0 | f | • | 53 | 40 | — | |
| Shields ... | 30.35 | 47 | S | 2 | cm | 30.23 | — .12 | 43 | 42 | — 1 | SW | 4 | m | 3 | 48 | 41 | — | |
| Spurn Head ... | 30.38 | 47 | S | 5 | o | 30.30 | — .08 | 45 | 44 | — 1 | S | 3 | o | 3 | 49 | 44 | — | |
| York ... | 30.37 | 47 | SE | 4 | m | 30.29 | — .08 | 42 | 41 | — 1 | SSE | 1 | m | • | 47 | 40 | — | |
| Loughborough... | 30.38 | 46 | SSE | 7 | o | 30.30 | — .08 | 42 | 41 | — 1 | ESE | 1 | ogm | • | 48 | 41 | — | |
| Ardrossan ... | 30.23 | 52 | S | 4 | o | 30.09 | — .14 | 50 | 50 | — 0 | SSE | 4 | om | 3 | 53 | 47 | 0.01 | |
| Mullaghmore ... | 30.09 | 51 | WNW | 2 | r | 30.00 | — .09 | 50 | 50 | — 0 | SW | 2 | or | 3 | 55 | 50 | 0.61 | |
| Donaghadee ... | 30.24 | 52 | S | 5 | o | 30.09 | — .15 | 51 | 51 | — 0 | SW | 5 | r | 3 | 54 | 50 | 0.10 | |
| Parsonstown ... | 30.14 | 53 | SSE | 2 | r | 30.03 | — .11 | 54 | 50 | + 4 | S | 1 | r | o | 55 | 52 | 0.43 | |
| Barrow-in-Furness | 30.31 | 47 | S | 3 | b | 30.22 | — .09 | 43 | 42 | — 1 | SSE | 5 | o | • | 51 | 42 | — | |
| Holyhead ... | 30.28 | 52 | SW | 3 | bc | 30.19 | — .09 | 48 | 47 | — 1 | S | 4 | om | 3 | 54 | 48 | — | |
| Liverpool (Bidston) | 30.30 | 45 | ESF | 4 | b | 30.24 | — .06 | 42 | 40 | — 2 | SE | 3 | o | 3 | 51 | 40 | — | |
| Valencia ... | 30.04 | 55 | SSE | 6 | o | 30.07 | — .02 | 51 | 51 | — 0 | NW | 1 | om | 1 | 56 | 49 | 1.48 | |
| Roche's Point .. | 30.17 | 52 | S | 5 | o | 30.05 | — .12 | 54 | 54 | — 0 | S | 5 | r | 4 | 55 | 51 | 0.20 | |
| Pembroke ... | 30.27 | 53 | SE | 3 | bc | 30.18 | — .09 | 51 | 51 | — 0 | SE | 4 | og | 3 | 54 | 51 | — | |
| Scilly ... | 30.22 | 53 | SE | 4 | o | 30.17 | — .05 | 51 | 51 | — 0 | SE | 4 | om | 5 | 55 | 52 | — | |
| Prawle Point ... | 30.24 | 51 | ESE | 3 | o | 30.25 | — .01 | 49 | 47 | — 2 | SE | 1 | o | 2 | 54 | 47 | — | |
| Hurst Castle ... | 30.26 | 48 | ESE | 3 | o | 30.29 | — .03 | 47 | 46 | — 1 | SE | 2 | o | 3 | 55 | 46 | — | |
| Dungeness ... | 30.37 | 48 | SE | 2 | c | 30.30 | — .07 | 48 | 44 | + 4 | SSE | 2 | bc | 2 | 50 | 46 | — | |
| London ... | 30.39 | 44 | ESE | 1 | b | 30.32 | — .07 | 45 | 43 | + 2 | SE | 1 | o | • | 50 | 42 | — | |
| Oxford ... | 30.36 | 39 | Z | 0 | f | 30.30 | — .06 | 46 | 44 | — 2 | E | 1 | of | • | 49 | 38 | — | |
| Cambridge ... | 30.39 | 46 | Z | 0 | o | 30.32 | — .07 | 44 | 42 | — 2 | Z | 0 | o | • | 48 | 42 | — | |
| Yarmouth ... | 30.41 | 48 | SSE | 3 | o | 30.30 | — .11 | 48 | 47 | — 1 | SE | 3 | o | 4 | 49 | 46 | — | |
| The Helder ... | 30.46 | 41 | ESE | 1 | b | 30.39 | — .07 | 39 | 38 | — 1 | ESE | 3 | b | 1 | 46 | 39 | — | |
| Cape Griz Nez... | 30.35 | 41 | E | 3 | m | 30.30 | — .05 | 46 | 42 | + 4 | E | 1 | o | 0 | 46 | 39 | — | |
| Jersey ... | 30.34 | 43 | E | 3 | o | 30.27 | — .07 | 45 | 45 | — 0 | SSE | 2 | og | 2 | 49 | 42 | — | |
| Brest ... | 30.30 | 52 | SE | 1 | m | 30.23 | — .07 | 50 | 50 | — 0 | SSE | 3 | m | 5 | 59 | 48 | — | |
| Lorient ... | 30.32 | 45 | ESE | 3 | m | 30.28 | — .04 | 43 | 43 | — 0 | ENE | 4 | m | 3 | 59 | 39 | — | |
| Rochefort ... | 30.32 | 49 | E | 4 | m | 30.29 | — .03 | 51 | 50 | + 1 | S | 3 | o | 2 | 54 | 45 | — | |
| Biarritz ... | 30.25 | 57 | E | 3 | o | 30.21 | — .04 | 51 | 50 | — 1 | SE | 3 | m | 2 | 63 | 52 | — | |
| Corunna ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Brussels ... | • | • | • | • | • | 30.24 | — .05 | 42 | 40 | + 2 | ESE | 1 | o | * | 48 | 41 | — | |
| Charleville ... | 30.38 | 47 | NE | 7 | bc | 30.31 | — .07 | 42 | 39 | + 3 | NW | 3 | o | * | 49 | 39 | — | |
| Paris ... | 30.38 | 42 | NE | 3 | bc | 30.34 | — .04 | 44 | 43 | + 1 | S | 3 | o | • | • | • | — | |
| Lyons ... | 30.30 | 44 | ESE | 1 | bc | 30.23 | — .07 | 41 | 41 | — 0 | SSE | 1 | f | • | 50 | 43 | — | |
| Toulon ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Balmuccia ... | 30.08 | 50 | NNE | 2 | r | 30.09 | — .02 | 45 | 47 | — 2 | SW | 3 | bc | 1 | 54 | ? | 0.66 | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

WEATHER

CHARTS

for 8 a.m. on *Wednesday* 12th November

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

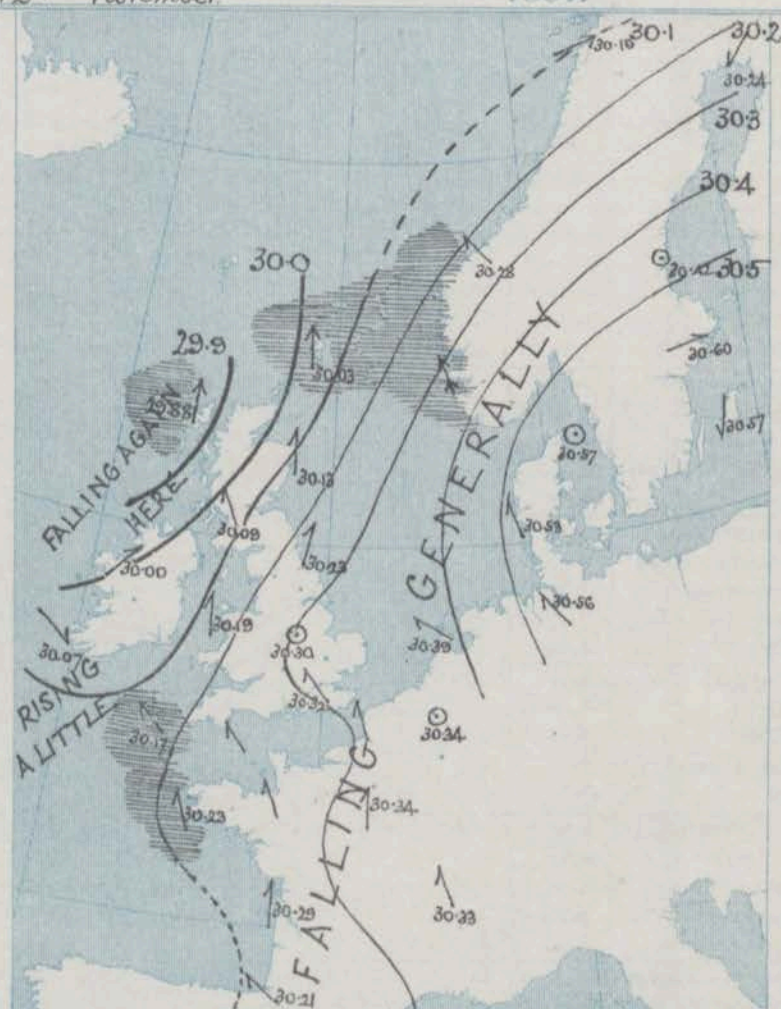
→ = forces above 10; →→ = forces 8 to 10;
→→ = forces 5 to 7; →→ = forces 1 to 4;
○ = dead calm.

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

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.824 |
| Donaghadee | 29.832 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Rock's Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.839 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.886 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

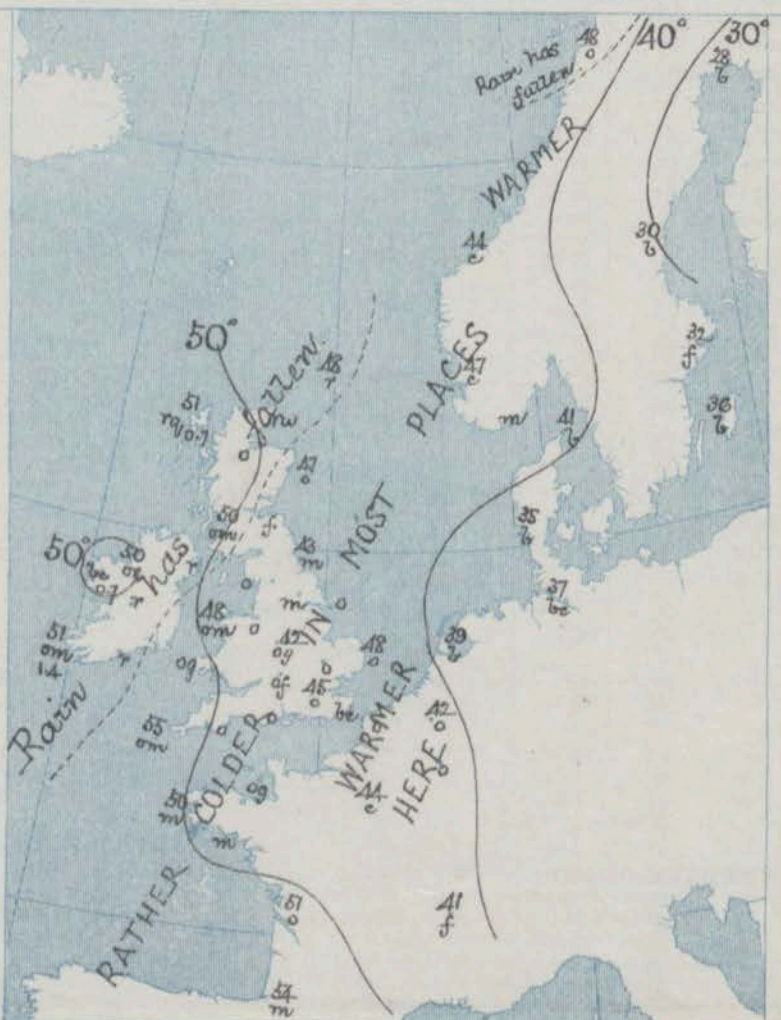
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.4 | 4.18 |
| Stornoway | 40.3 | 39.1 | 4.58 |
| Wick | 40.8 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.33 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.3 | 38.4 | 2.16 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.85 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.61 |
| Liverpool | 41.5 | 39.8 | 2.63 |
| Valencia | 46.8 | 44.6 | 8.19 |
| Rock's Point | 45.3 | 43.6 | 4.24 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Scilly | 49.5 | 47.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.3 | 3.79 |
| LONDON | 41.3 | 38.3 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.96 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



for Wednesday 12th November 1884, at 8 a.m.

Increasing gradients for Southerly winds are again probable over our western and northern coasts, but at present there is no indication of the approach of any serious disturbance.

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

Fredk Dangelveld, Lith., London, (131.)

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-----|---|
| Skudesnaes | 30.59 | 48 | 45 | SSE | 6 | 0 | 5 | Valencia | 30.08 | 55 | 55 | SSE | 6 | ong | 6 |
| Sumburgh Head | 30.12 | 50 | 48 | S | 6 | 0 | 6 | Scilly | 30.25 | 54 | 52 | SSE | 4 | 0 | 5 |
| Stornoway | 30.03 | 50 | 49 | SW | 4 | 0 | 6 | Dungeness | 30.37 | 49 | 45 | ESE | 2 | bc | 1 |
| Aberdeen | 30.27 | 49 | 47 | S | 7 | 0 | 4 | London | 30.38 | 49 | 45 | ESE | 3 | cm | 0 |
| Shields | 30.27 | 48 | 46 | S | 3 | cm | 2 | Yarmouth | 30.42 | 48 | 46 | SE | 4 | cg | 5 |
| Ardrossan | 30.23 | 51 | 51 | S | 12 | 0 | 3 | Jersey | 30.31 | 47 | 46 | E | 3 | c | 3 |
| Mullaghmore | 30.07 | 54 | 53 | S | 6 | or | 5 | Rochefort | 30.44 | 50 | 49 | E | 4 | m | 2 |
| Holyhead | 30.29 | 52 | 50 | SW | 4 | cm | 3 | | | | | | | | |
| Balmullet | 30.07 | 50 | 50 | S | 7 | r | 2 | | | | | | | | |

REMARKS.

The barometer continues to fall at all stations excepting Stornoway, Balmullet, and Mullaghmore, where a rise is in progress. The wind has moderated somewhat in Ireland and the west of Scotland, but rain is still falling in some parts of those districts. Over England the winds and weather are unchanged. The sea is rough on many parts of our western coasts, and rather rough at Yarmouth.

DAILY WEATHER REPORT

for Thursday 13th Nov. 1884.

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

| Issued by the Meteorological Office, No. 1, Victoria Street, London, W. 1, on 11th, 1907. | | | | | | | | | | | | | | | | | |
|---|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------------|----------------|------|------|---------------------|
| † 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. | | | |
| | | | 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 | 30.87 | 41 | Z | 0 | bc | 30.15 | - 11 | 36 | 34 | + 8 | SE | 4 | c | * | ? | ? | - |
| Hernösand ... | 30.40 | 35 | Z | 0 | b | 30.38 | - 04 | 35 | 33 | + 5 | SW | 4 | b | * | 37 | 23 | - |
| Stockholm ... | 30.60 | 36 | W | 2 | g | 30.63 | + 03 | 36 | 35 | + 4 | WSW | 2 | o | * | 39 | 28 | - |
| Wisby ... | 30.61 | 35 | SSE | 2 | g | 30.64 | + 07 | 39 | 36 | + 3 | Z | 0 | c | * | 45 | 32 | - |
| Bodö ... | 30.11 | 43 | S | 2 | h | 29.93 | - 17 | 47 | 45 | - 1 | SW | 8 | h | * | 48 | 41 | 0.04 |
| Christiansund ... | 30.11 | 38 | S | 1 | c | 30.20 | - 08 | 48 | 42 | + 4 | SW | 5 | o | 5 | 48 | 36 | - |
| Skudsmoes ... | 30.31 | 46 | SSE | 8 | bc | 30.36 | - 05 | 47 | 45 | 0 | SE | 8 | h | 6 | ? | 46 | - |
| Öxö (Kilansund) ... | 30.47 | 45 | SSE | 4 | b | 30.47 | - 07 | 42 | 41 | - 1 | SSE | 4 | o | 3 | 45 | 39 | - |
| Skagen (The Skaw) | 30.52 | 44 | S | 4 | b | 30.52 | - 05 | 42 | 40 | + 1 | S | 4 | c | 3 | 45 | 30 | - |
| Fanö ... | 30.46 | 35 | SSE | 6 | b | 30.52 | - 01 | 30 | 30 | - 5 | SSE | 3 | b | * | 43 | 30 | - |
| Cuxhaven ... | 30.50 | 36 | ESE | 4 | bc | 30.50 | - 06 | 35 | 35 | - 2 | SE | 3 | b | * | 40 | 34 | - |
| Sumburgh Head ... | 29.99 | 49 | S | 5 | h | 30.28 | + 25 | 44 | 44 | - 4 | NW | 3 | h | 4 | 50 | 42 | 0.10 |
| Stornoway ... | 29.98 | 47 | SSW | 4 | bc | 30.34 | + 46 | 40 | 39 | - 11 | SW | 3 | b | 3 | 52 | 36 | 0.08 |
| Wick ... | 30.52 | 50 | W | 2 | o | 30.39 | + 38 | 38 | 36 | - 10 | NW | 1 | b | o | 50 | 35 | - |
| Nairn ... | 30.04 | 47 | SW | 2 | o | 30.39 | + 40 | 37 | 35 | - 14 | Z | 0 | b | 1 | 54 | 36 | 0.02 |
| Aberdeen ... | 30.11 | 48 | SSW | 2 | h | 30.42 | + 29 | 35 | 34 | - 12 | WNW | 1 | b | 2 | 49 | 34 | 0.11 |
| Leith ... | 30.12 | 49 | SE | 1 | o | 30.42 | + 28 | 41 | 38 | - 4 | WSW | 1 | bf | * | 50 | 39 | 0.40 |
| Shields ... | 30.19 | 43 | S | 5 | nm | 30.40 | + 17 | 43 | 41 | 0 | WNW | 1 | bc | 2 | 46 | 41 | 0.11 |
| Spurn Head ... | 30.26 | 45 | SSW | 3 | o | 30.36 | + 06 | 45 | 45 | 0 | SSE | 1 | f | 2 | 47 | 44 | - |
| York ... | 30.24 | 47 | S | 1 | o | 30.37 | + 08 | 45 | 45 | + 3 | N | 1 | m | * | 47 | 40 | 0.01 |
| Loughborough... | 30.27 | 46 | S | 2 | o | 30.35 | + 05 | 46 | 46 | + 4 | N | 1 | ofg | * | 48 | 42 | - |
| Ardrossan ... | 30.13 | 49 | Z | 0 | p | 30.43 | + 34 | 38 | 38 | - 12 | Z | 0 | gm | o | 51 | 36 | 0.09 |
| Mullaghmore ... | 30.19 | 50 | WNW | 5 | bc | 30.46 | + 46 | 43 | 42 | - 7 | SW | 1 | c | 3 | 54 | 40 | 0.09 |
| Donaghadee ... | 30.16 | 49 | NW | 2 | c | 30.45 | + 36 | 42 | 41 | - 9 | N | 1 | bc | o | 52 | 39 | 0.13 |
| Parsonstown ... | 30.23 | 53 | SW | 1 | bc | 30.50 | + 47 | 30 | 29 | - 24 | Z | 0 | b | * | 54 | 29 | 0.12 |
| Barrow-in-Furness | 30.19 | 46 | SE | 3 | h | 30.37 | + 15 | 40 | 40 | - 3 | N | 2 | bc | * | 47 | 40 | 0.18 |
| Holyhead ... | 30.20 | 51 | S | 3 | h | 30.43 | + 24 | 49 | 47 | + 1 | NNE | 4 | bc | 3 | 52 | 48 | 0.20 |
| Liverpool (Bidston) | 30.20 | 47 | SE | 3 | o | 30.39 | + 17 | 44 | 43 | + 2 | N | 1 | f | 2 | 49 | 42 | 0.16 |
| Valencia ... | 30.28 | 48 | NW | 1 | b | 30.31 | + 44 | 44 | 43 | - 7 | Z | 0 | b | 1 | 56 | 39 | - |
| Roche's Point .. | 30.24 | 50 | NW | 3 | bc | 30.45 | + 40 | 42 | 40 | - 12 | WNW | 3 | b | 3 | 55 | 40 | 0.18 |
| Pembroke ... | 30.19 | 54 | S | 4 | h | 30.37 | + 19 | 50 | 48 | - 2 | NNE | 3 | cg | 2 | 54 | 49 | 0.17 |
| Scilly ... | 30.19 | 55 | NW | 4 | o | 30.32 | + 15 | 53 | 51 | - 2 | N | 5 | o | 5 | 57 | 52 | 0.04 |
| Prawle Point ... | 30.25 | 49 | E | 1 | o | 30.30 | + 05 | 50 | 50 | + 1 | ENE | 1 | o | 1 | 51 | 47 | 0.02 |
| Hurst Castle ... | 30.29 | 48 | ESE | 3 | o | 30.34 | + 05 | 46 | 45 | - 1 | ENE | 4 | o | 2 | 50 | 43 | - |
| Dungeness ... | 30.30 | 47 | ESE | 1 | o | 30.33 | + 03 | 46 | 44 | - 2 | ESE | 2 | c | 2 | 50 | 45 | - |
| London... | 30.31 | 47 | SSE | 2 | ov | 30.35 | + 03 | 45 | 44 | 0 | NE | 1 | fg | * | 50 | 44 | - |
| Oxford ... | 30.31 | 46 | S | 2 | o | 30.36 | + 06 | 44 | 43 | - 2 | SSE | 1 | ognd | * | 47 | 44 | - |
| Cambridge ... | 30.30 | 41 | Z | 0 | o | 30.38 | + 06 | 44 | 43 | 0 | Z | 0 | odp | * | 48 | 39 | - |
| Yarmouth ... | 30.29 | 47 | W | 1 | c | 30.35 | + 05 | 44 | 43 | - 4 | NW | 1 | fg | 3 | 49 | 44 | - |
| The Helder ... | 30.35 | 34 | SE | 1 | b | 30.37 | - 02 | 36 | 35 | - 3 | SE | 1 | bc | 1 | 43 | 36 | - |
| Cape Griz Nez... | 30.29 | 45 | Z | 0 | m | 30.31 | + 01 | 43 | 41 | - 3 | E | 3 | m | 2 | 46 | 43 | - |
| Jersey ... | 30.27 | 48 | Z | 0 | og | 30.30 | + 03 | 47 | 47 | + 2 | ENE | 2 | odm | 2 | 48 | 45 | 0.04 |
| Brest ... | 30.27 | 53 | SSW | 3 | o | 30.27 | + 04 | 53 | 51 | + 3 | NE | 3 | o | 5 | 54 | 48 | - |
| Lorient ... | 30.28 | 48 | E | 1 | o | 30.31 | + 03 | 49 | 46 | + 6 | ENE | 3 | o | 2 | 50 | 41 | - |
| Rochefort ... | | | | | | | | | | | | | | | | | |
| Biarritz ... | 30.19 | 57 | E | 3 | o | 30.22 | + 01 | 52 | 52 | - 2 | SE | 4 | h | 2 | 61 | 50 | - |
| Corunna ... | * | * | * | * | * | | | | | | | | | * | | | |
| Brussels ... | * | * | * | * | * | 30.34 | 00 | 36 | 35 | - 6 | ESE | 1 | c | * | 45 | 36 | - |
| Charleville ... | 30.31 | 39 | NW | 1 | b | 30.31 | 00 | 30 | ? | - 12 | WNW | 1 | b | * | 49 | 29 | - |
| Paris ... | 30.32 | 43 | SE | 1 | o | 30.33 | - 01 | 41 | 39 | - 3 | NNE | 3 | o | * | * | * | - |
| Lyons ... | 30.30 | 42 | N | 1 | g | 30.26 | - 07 | 38 | 38 | - 3 | N | 1 | g | * | 46 | 37 | 0.04 |
| Toulon ... | 30.16 | 55 | SE | 3 | o | 30.14 | - 07 | 51 | 49 | - 6 | SE | 1 | m | 2 | 59 | 50 | - |
| Belmullet... | 30.20 | 47 | WNW | 3 | b | 30.43 | + 44 | 46 | 45 | - 2 | SSE | 2 | b | * | 52 | 45 | 0.04 |

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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred^s Dangerfield Lith. London

WEATHER

CHARTS

for 8 a.m. on *Thursday* 13TH November.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

→ = forces above 10; →→ = forces 6 to 10;
→→ = forces 5 to 7; →→ = forces 1 to 4;
○ = dead calm.

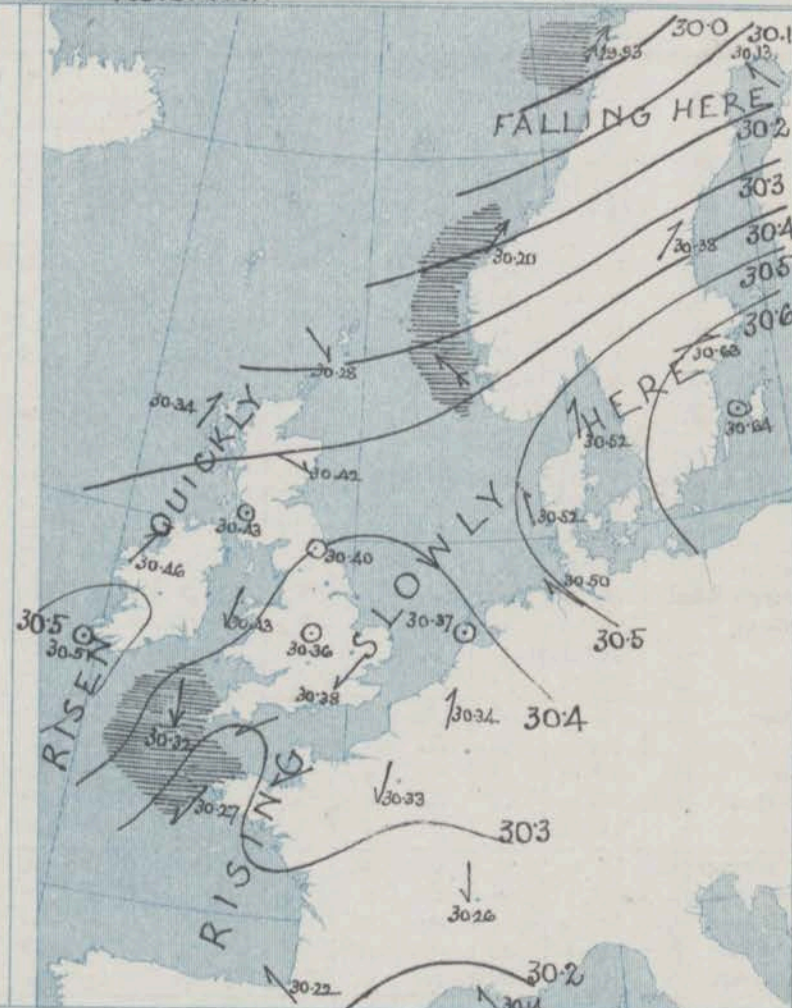
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.766 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.829 |
| Donaghadee | 29.832 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roche's Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.899 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.835 |



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

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

Weather is shown by Letters of the Beaufort Scale.

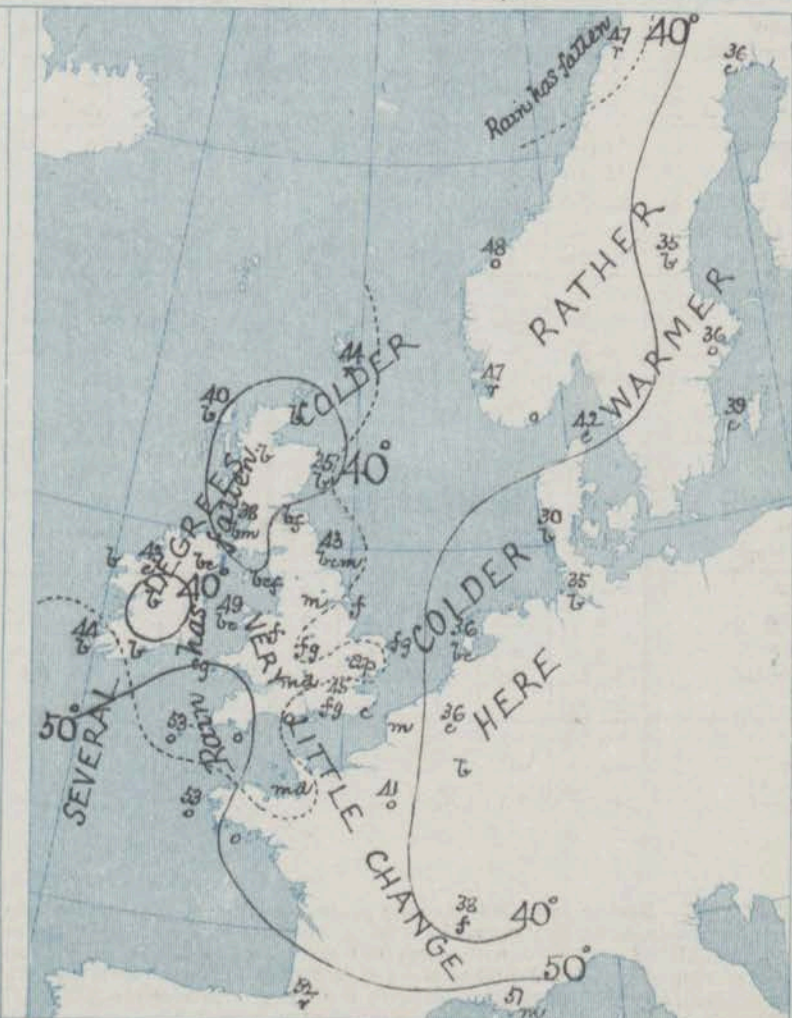
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.4 | 4.18 |
| Stornoway | 40.3 | 39.1 | 4.38 |
| Wick | 40.8 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.10 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.85 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.51 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.14 |
| Roche's Point | 45.3 | 43.6 | 4.29 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Scilly | 49.6 | 47.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.96 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



for Thursday 13th November, 1884, at 8 a.m.

The distribution of pressure is now very irregular, and light breezes with dull gloomy weather will probably continue for a time over England.

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

Fredrik Thunbergfeld, Länk-Londen, (131.)

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

| TUESDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---------------------------------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
| Skudesnaes | 30.58 | 46 | 43 | SSE | 8 | 0 | 6 | Valencia | 30.18 | 54 | 52 | WNW | 3 | C | 3 |
| Sumburgh Head | 29.96 | 49 | 48 | S | 6 | m | 6 | Scilly | 30.17 | 57 | 55 | S | 4 | om | 5 |
| Stornoway | 29.93 | 50 | 47 | SSW | 5 | c | 5 | Dungeness | 30.27 | 48 | 48 | S | 2 | C | 2 |
| Aberdeen | 30.10 | 49 | 47 | S | 3 | 0 | 3 | London | 30.28 | 50 | 45 | SSE | 3 | om | * |
| Shields | 30.19 | 43 | 42 | S | 5 | om | 3 | Yarmouth | 30.28 | 49 | 46 | WNW | 1 | C | 4 |
| Ararossan | 30.06 | 51 | 51 | SSE | 4 | A | 3 | Jersey | 30.25 | 48 | 46 | WSW | 1 | 0 | 1 |
| Mullaghmore | 30.06 | 53 | 51 | WSW | 2 | Cp | 3 | Rocheport | 30.28 | 56 | 54 | ESE | 3 | 0 | 2 |
| Holyhead | 30.16 | 52 | 50 | S | 4 | om | 3 | | | | | | | | |
| Belmullet | 30.06 | 51 | 49 | WN | 1 | 0 | * | | | | | | | | |

REMARKS.

The barometer is rising in the western parts of Ireland and Scotland, but falling elsewhere. ^{Ph} breezes continue at all but our extreme western stations, where the wind has shifted to NW. Cloudy weather prevails generally, and showers are falling at Mullaghmore. The sea is rather rough at Sumburgh Head, Stornoway, and Scilly, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for Friday 14th Nov 1884.

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

| Issued by the Meteorological Office, No. 1, Abchurch Lane, London, E.C. 4. | | | | | | | | | | | | | | | | | |
|--|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|
| † 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 | 30.25 | 37 | E | 2 | 6 | 30.32 | + 1.9 | 34 | 33 | - 2 | WSW | 2 | 6 | • | 37 | 27 | - |
| Hernösand ... | 30.47 | 30 | Z | 0 | 6 | 30.56 | + 1.8 | 28 | 27 | - 1 | Z | 0 | 6 | • | 39 | 27 | - |
| Stockholm ... | 30.63 | 35 | SSW | 2 | 0 | 30.61 | - 0.2 | 37 | 35 | + 1 | SW | 2 | 0 | • | 37 | 30 | - |
| Wisby ... | 30.60 | 38 | S | 4 | 0 | 30.62 | - 0.2 | 36 | 35 | - 3 | S | 1 | 0 | • | 41 | 32 | - |
| Bodö ... | 30.19 | 45 | SW | 6 | 0 | 30.12 | + 1.9 | 47 | 45 | 0 | SW | 9 | 1 | • | 43 | 43 | 0.12 |
| Christiansund ... | 30.39 | 45 | WSW | 4 | 6 | 30.49 | + 2.9 | 45 | 40 | - 3 | WSW | 4 | 6 | 5 | 48 | 41 | - |
| † Skudesnaes ... | 30.52 | 47 | SSE | 6 | 0 | 30.66 | + 3.0 | 45 | 43 | - 2 | E | 4 | 0 | 5 | 48 | ? | 0.32 |
| Oxö (Xtiansund) ... | 30.58 | 43 | SSE | 4 | 0 | 30.67 | + 2.0 | 43 | 41 | + 1 | WSW | 2 | 0 | 2 | 43 | 41 | - |
| Skagen (The Skaw) | 30.61 | 40 | WSW | 2 | 0 | 30.66 | + 1.4 | 38 | 36 | - 4 | WSW | 2 | 0 | 0 | 43 | 36 | - |
| Fanö ... | 30.61 | 32 | SSE | 2 | 6 | 30.67 | + 1.5 | 35 | 34 | + 5 | Z | 0 | 0 | • | 59 | 30 | - |
| Cuxhaven ... | 30.53 | 36 | SE | 3 | 0 | 30.65 | + 1.5 | 38 | 37 | + 3 | E | 3 | 0 | • | 40 | ? | - |
| † Sumburgh Head | 30.44 | 47 | W | 3 | 0 | 30.57 | + 2.9 | 45 | 42 | + 1 | SW | 2 | 6 | 3 | 49 | 47 | - |
| † Stornoway ... | 30.46 | 44 | SSW | 3 | 6 | 30.53 | + 1.9 | 46 | 45 | + 6 | SSW | 3 | 6 | 3 | 47 | 38 | - |
| Wick ... | 30.51 | 41 | Z | 0 | 6 | 30.60 | + 2.1 | 40 | 39 | + 2 | Z | 0 | 6 | 0 | 48 | 35 | - |
| Nairn ... | 30.50 | 38 | Z | 0 | 6 | 30.61 | + 2.2 | 28 | 28 | - 9 | Z | 0 | 6 | 1 | 46 | 28 | - |
| † Aberdeen ... | 30.53 | 37 | SW | 1 | 6 | 30.62 | + 2.1 | 28 | 27 | - 7 | W | 1 | 6 | 1 | 47 | 27 | - |
| Leith ... | 30.54 | 44 | NW | 1 | 6 | 30.62 | + 2.0 | 31 | 29 | - 10 | NW | 1 | 6 | 1 | 49 | 28 | - |
| † Shields ... | 30.49 | 48 | N | 2 | 6 | 30.58 | + 1.8 | 48 | 47 | + 5 | NE | 2 | 0 | 3 | 50 | 41 | - |
| Spinn Head ... | 30.42 | 47 | NW | 1 | 6 | 30.53 | + 1.7 | 47 | 45 | + 2 | ESE | 3 | 0 | 2 | 48 | 43 | 0.02 |
| York ... | 30.47 | 49 | N | 1 | 0 | 30.55 | + 1.8 | 47 | 45 | + 2 | NE | 1 | 0 | • | 50 | 43 | - |
| Loughborough ... | 30.43 | 48 | NNW | 2 | 0 | 30.51 | + 1.6 | 46 | 45 | 0 | NE | 2 | 0 | • | 48 | 45 | 0.03 |
| † Ardrossan ... | 30.53 | 42 | Z | 0 | 6 | 30.61 | + 1.8 | 34 | 33 | - 4 | NE | 2 | 6 | 1 | 44 | 33 | - |
| † Mullaghmore ... | 30.55 | 41 | WSW | 1 | 6 | 30.53 | + 0.7 | 41 | 40 | - 2 | ESE | 3 | 6 | 3 | 51 | 38 | - |
| Donaghadee ... | 30.55 | 48 | NNE | 2 | 6 | 30.47 | + 0.2 | 46 | 45 | + 4 | ESE | 2 | 6 | 0 | 49 | 41 | - |
| Parsonstown ... | 30.56 | 38 | Z | 0 | 6 | 30.55 | + 0.5 | 25 | 24 | - 5 | Z | 0 | 6 | • | 45 | 24 | - |
| Barrow-in-Furness | 30.49 | 43 | NNW | 2 | 6 | 30.53 | + 1.6 | 42 | 40 | + 2 | NE | 2 | 6 | 6 | 49 | 39 | - |
| † Holyhead ... | 30.50 | 49 | NNE | 5 | 6 | 30.54 | + 1.1 | 46 | 45 | - 3 | ENE | 4 | 6 | 3 | 50 | 44 | - |
| Liverpool (Biddam) | 30.48 | 45 | N | 1 | 6 | 30.52 | + 1.3 | 43 | 42 | - 1 | NE | 1 | 6 | 2 | 48 | 40 | - |
| † Valencia ... | 30.54 | 45 | NE | 2 | 6 | 30.47 | + 0.4 | 36 | 36 | - 8 | Z | 0 | 6 | 1 | 50 | 34 | - |
| Roche's Point .. | 30.51 | 42 | NNE | 3 | 6 | 30.44 | - 0.1 | 43 | 42 | + 1 | E | 3 | 6 | 3 | 51 | 38 | - |
| Pembroke ... | 30.43 | 47 | NNE | 2 | 6 | 30.45 | + 0.8 | 48 | 47 | - 2 | NE | 2 | 6 | 1 | 51 | 45 | - |
| † Scilly ... | 30.36 | 53 | NE | 5 | 0 | 30.38 | + 0.6 | 51 | 47 | - 2 | ENE | 4 | 0 | 4 | 54 | 49 | - |
| Prawle Point ... | 30.37 | 49 | NE | 4 | 0 | 30.40 | + 1.0 | 48 | 46 | - 2 | NE | 4 | 0 | 4 | 50 | 46 | - |
| Hurst Castle ... | 30.39 | 47 | ENE | 3 | 0 | 30.43 | + 0.9 | 46 | 45 | 0 | E | 4 | 6 | 2 | 48 | 45 | - |
| † Dungeness ... | 30.36 | 48 | NNE | 2 | 0 | 30.44 | + 1.1 | 44 | 40 | - 2 | E | 2 | 6 | 1 | 49 | 43 | - |
| † London ... | 30.41 | 47 | NE | 1 | 0 | 30.47 | + 1.2 | 40 | 39 | - 5 | ENE | 1 | 6 | • | 46 | 40 | - |
| Oxford ... | 30.45 | 45 | NE | 1 | 0 | 30.49 | + 1.3 | 39 | 38 | - 5 | NE | 1 | 6 | • | 47 | 39 | 0.01 |
| Cambridge ... | 30.42 | 45 | NW | 1 | 0 | 30.50 | + 1.2 | 37 | 37 | - 7 | Z | 0 | 0 | • | 46 | 34 | 0.02 |
| † Yarmouth ... | 30.39 | 48 | NE | 3 | 0 | 30.51 | + 1.6 | 44 | 42 | 0 | ESE | 5 | 6 | 4 | 48 | 43 | - |
| The Helder ... | 30.46 | 38 | ESE | 1 | 6 | 30.57 | + 2.0 | 34 | 33 | - 2 | ESE | 1 | 6 | 1 | 41 | 34 | - |
| Cape Gris Nez ... | 30.33 | 43 | E | 3 | 6 | 30.39 | + 0.8 | 32 | 32 | - 11 | E | 1 | 6 | 0 | ? | 32 | - |
| † Jersey ... | 30.33 | 49 | ENE | 3 | 6 | 30.37 | + 0.7 | 41 | 40 | - 6 | ENE | 3 | 6 | 3 | 49 | 41 | 0.01 |
| Brest ... | 30.34 | 51 | NE | 3 | 6 | 30.32 | + 0.5 | 48 | 45 | - 5 | NNE | 4 | 6 | 4 | 54 | 46 | - |
| Lorient ... | 30.31 | 49 | ENE | 4 | 0 | 30.32 | + 0.1 | 46 | 45 | - 8 | ENE | 5 | 0 | 3 | 52 | 37 | - |
| † Rochefort ... | 30.31 | 48 | E | 5 | 0 | 30.29 | - 0.2 | 39 | ? | ? | E | 4 | 0 | 2 | 52 | 34 | - |
| Biarritz ... | 30.21 | 55 | N | 4 | 6 | 30.24 | + 0.2 | 48 | 46 | - 4 | SE | 3 | 6 | 2 | 64 | 46 | - |
| Corunna ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • |
| Brussels ... | • | • | • | • | • | 30.51 | + 1.7 | 26 | ? | - 10 | E | 1 | 6 | • | 39 | 26 | - |
| Charleville ... | 30.33 | 38 | SW | 1 | 6 | 30.40 | + 0.9 | 31 | 31 | + 1 | NNE | 1 | 6 | • | 48 | ? | - |
| Paris ... | 30.38 | 42 | NE | 3 | 6 | 30.43 | + 1.0 | 33 | 32 | - 8 | NNE | 3 | 0 | • | • | • | - |
| Lyons ... | 30.29 | 36 | N | 1 | 0 | 30.33 | + 0.7 | 36 | 34 | - 2 | N | 1 | 0 | • | 39 | 36 | - |
| Toulon ... | 30.14 | 51 | SE | 5 | 0 | 30.19 | + 0.5 | 47 | 45 | - 4 | SE | 5 | 0 | 3 | ? | ? | - |
| Belmullet ... | 30.54 | 50 | NNE | 1 | 6 | 30.49 | + 0.6 | 37 | 37 | - 9 | E | 1 | 6 | • | 52 | 45 | - |

EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on Friday 14TH November

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

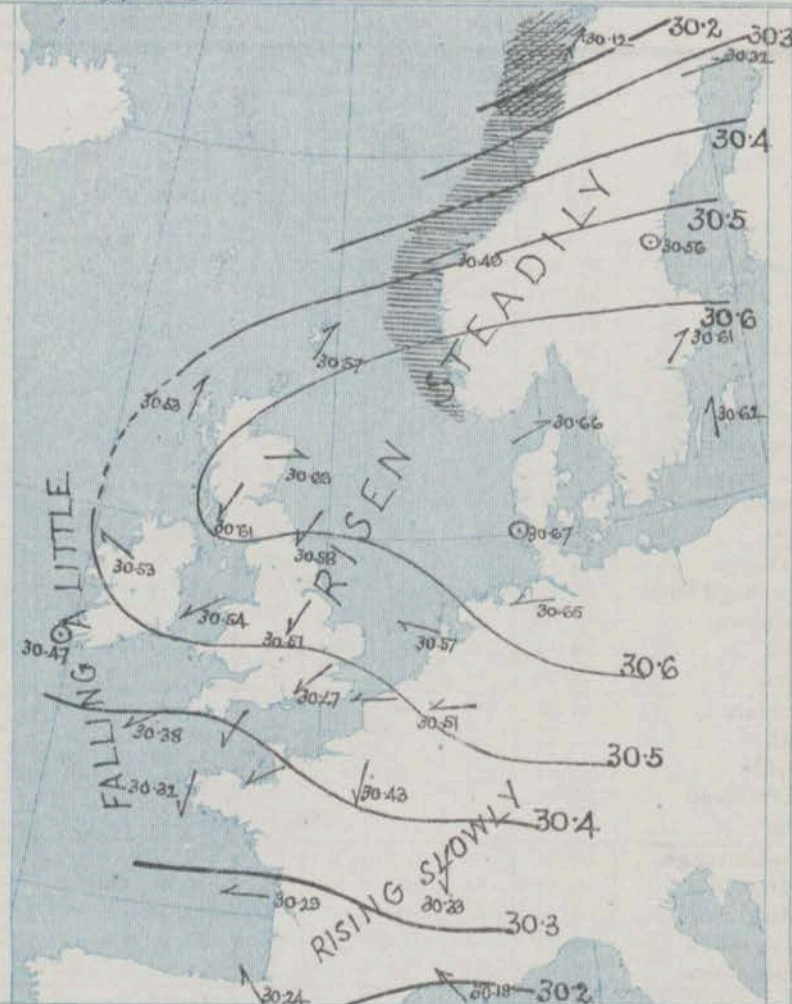
Sea Disturbance—where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.759 |
| Stornoway. | 29.765 |
| Wick. | 29.767 |
| Nairn. | 29.766 |
| Aberdeen. | 29.762 |
| Leith. | 29.820 |
| Shields. | 29.820 |
| York. | 29.847 |
| Ardrossan. | 29.824 |
| Donaghadee. | 29.822 |
| Holyhead. | 29.845 |
| Liverpool. | 29.862 |
| Valencia. | 29.880 |
| Roch's Point. | 29.875 |
| Pembroke. | 29.867 |
| Sally. | 29.889 |
| Hurst Castle. | 29.885 |
| Dover. | 29.882 |
| LONDON. | 29.885 |
| Oxford. | 29.883 |
| Cambridge. | 29.878 |
| Yarmouth. | 29.865 |



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

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

Weather—is shown by Letters of the Beaufort Scale.

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

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 41.0 | 39.4 | 4.18 |
| Stornoway. | 40.3 | 39.1 | 4.38 |
| Wick. | 40.6 | 39.2 | 3.14 |
| Nairn. | 38.8 | 37.2 | 2.35 |
| Aberdeen. | 40.2 | 38.3 | 3.22 |
| Leith. | 40.9 | 39.4 | 2.18 |
| Shields. | 41.3 | 39.7 | 3.01 |
| York. | 39.7 | 38.4 | 2.31 |
| Ardrossan. | 42.2 | 39.8 | 3.85 |
| Donaghadee. | 42.6 | 41.3 | 3.63 |
| Holyhead. | 45.1 | 43.3 | 3.51 |
| Liverpool. | 47.6 | 45.8 | 2.63 |
| Valencia. | 46.6 | 44.6 | 5.19 |
| Roch's Point. | 46.3 | 43.6 | 4.29 |
| Pembroke. | 46.2 | 44.2 | 3.83 |
| Sally. | 49.6 | 47.9 | 3.79 |
| Hurst Castle. | 44.1 | 43.1 | 2.87 |
| Dover. | 43.6 | 41.9 | 3.79 |
| LONDON. | 41.3 | 39.9 | 2.07 |
| Oxford. | 40.6 | 39.2 | 2.09 |
| Cambridge. | 39.6 | 38.8 | 1.86 |
| Yarmouth. | 42.6 | 41.6 | 3.31 |

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



for Friday 14th November

In the course of the past 24 hours the barometer has continued to rise at all but the Irish and Western French stations, where a slight fall has set in during the night. A large anticyclone in which readings exceed 30.6 in. now covers Denmark, the North Sea, the south of Scandinavia and the greater part of Scotland, while areas of relatively low pressure are found over the south of France and northern parts of Scandinavia. Within the anticyclonic system the winds are light and variable, but over England, Ireland and France moderate breezes from E. or NE. are general, while in the north of Norway the wind is SW^y. The weather is cloudy at many of the Continental stations, but fine in our Islands, with, however, mist or fog locally. Temperature has fallen a little in most places, and readings range from 51° at Seilly to 28° at Cairn and Aberdeen, and 25° at Portonmouth. Frost occurred last night in Scotland and Central Ireland. The sea is moderate at the mouth of the Channel, slight or smooth elsewhere.

The fall of the barometer in the west is likely to bring about a freshening of the wind from east or south-east in Ireland, but elsewhere there is no indication of a change in the weather.

for the 24 hours ending at NOON on 15th Nov^r 1884.
(Issued at Noon on the previous day.)

Fredrik Dahlgrenfeld, Lith., London, (13)

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-----|---|
| Skudesnaes | 30.43 | 48 | 46 | SSE | 6 | 1 8 | 6 | Valencia | 30.52 | 49 | 46 | NE | 1 | e | 1 |
| Sumburgh Head | 30.38 | 47 | 43 | W | 3 | 6 | 4 | Scilly | 30.33 | 53 | 52 | NNE | 5 | o | 5 |
| Stornoway | 30.41 | 49 | 46 | SW | 4 | 6 | 3 | Dungeness | 30.28 | 46 | 44 | NNE | 1 | m | 1 |
| Aberdeen | 30.47 | 45 | 42 | NNW | 1 | 6 | 2 | London | 30.36 | 49 | 45 | E | 1 | omg | * |
| Shields | 30.44 | 50 | 47 | NNW | 3 | 6 | 2 | Yarmouth | 30.34 | 48 | 46 | NE | 2 | c | 3 |
| Ardrossan | 30.48 | 49 | 47 | NNW | 1 | 6 | 0 | Jersey | 30.29 | 48 | 47 | ENE | 2 | m | 2 |
| Mullaghmore | 30.51 | 50 | 48 | SW | 1 | 6 | 3 | Rochefort | 30.28 | 46 | 45 | NE | 5 | o | 2 |
| Holyhead | 30.47 | 50 | 46 | NE | 5 | 6 | 3 | | | | | | | | |
| Belmullet | 30.48 | 51 | 48 | S | 1 | 6 | 2 | | | | | | | | |

REMARKS.

The barometer continues to rise at all but our south eastern stations. The winds and weather remain unchanged. The sea is rather rough at Scilly, moderate to smooth elsewhere.

for Saturday 15th Nov^r 1884.

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

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

| Issued by the Meteorological Office, No. 1, Abchurch Lane, London, E.C. 4. | | | | | | | | | | | | | | | | | |
|--|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------|----------------|-------------|------|---------------------|
| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | PAST 24 HOURS. | | | |
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dirce. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirce. | Force. (0 to 12). | | | Max. | Min. | |
| Haparanda | 30.12 | 41 | SW | 4 | 0 | 30.25 | - 0.7 | 47 | 42 | + 13 | 174 | 4 | C | 4 | ? | 32 | - |
| Hernösand ... | 30.54 | 36 | 2 | 0 | 6 | 30.57 | + 0.1 | 36 | 35 | + 8 | 2 | 0 | 6c | 4 | 43 | 23 | - |
| Stockholm ... | 30.64 | 32 | NE | 2 | 6 | 30.62 | + 0.1 | 31 | 30 | - 6 | 2 | 0 | 1/2 C | 4 | 41 | 28 | - |
| Wisby ... | 30.56 | 38 | S | 2 | 8 | 30.53 | - 0.9 | 40 | 38 | + 4 | 3 | 2 | C | 4 | 41 | 36 | - |
| Bodö ... | 30.15 | 48 | SW | 7 | 8 | 30.33 | + 2.1 | 46 | 45 | - 1 | SW | 8 | A | 4 | 45 | 45 | 0.24 |
| Christiansund ... | 30.57 | 47 | SW | 4 | 6 | 30.58 | + 0.9 | 41 | 39 | - 4 | SSE | 3 | 6c | 5 | 43 | 36 | - |
| Skudenes ... | 30.64 | 41 | E | 2 | 6c | 30.66 | + 0.0 | 42 | 40 | - 3 | E | 4 | 0 | 4 | 46 | 41 | - |
| Öxö (Kilansund) ... | 30.67 | 39 | NNW | 1 | 0 | 30.68 | + 0.1 | 34 | 33 | - 9 | N | 2 | 6c | 2 | 45 | 32 | - |
| Skagen (The Skaw) ... | 30.66 | 43 | WSW | 3 | 0 | 30.65 | - 0.1 | 39 | 38 | + 1 | NE | 3 | C | 1 | 43 | 36 | - |
| Fanø ... | 30.68 | 36 | NE | 1 | 0 | 30.65 | - 0.2 | 37 | 34 | + 2 | N | 1 | C | 4 | 39 | 34 | - |
| Cuxhaven ... | 30.62 | 38 | NE | 2 | C | 30.63 | - 0.2 | 39 | 37 | + 1 | NE | 2 | C | 4 | 40 | 36 | - |
| Sumbrugh Head ... | 30.55 | 45 | SSW | 3 | C | 30.48 | - 0.9 | 46 | 42 | + 1 | SSW | 4 | 0 | 4 | 49 | 43 | - |
| Stornoway ... | 30.46 | 42 | SSW | 3 | 6 | 30.37 | - 1.6 | 44 | 42 | - 2 | SSW | 4 | 0 | 4 | 48 | 39 | - |
| Wick ... | 30.84 | 43 | S | 3 | 6 | 30.44 | - 1.6 | 43 | 39 | + 3 | S | 5 | 6 | 3 | 47 | 39 | - |
| Nairn ... | 30.50 | 34 | 2 | 0 | 6 | 30.46 | - 1.5 | 38 | 36 | + 10 | SSW | 1 | 6 | 1 | 39 | 23 | - |
| Aberdeen ... | 30.56 | 36 | 2 | 0 | C | 30.53 | - 1.0 | 44 | 40 | + 16 | S | 3 | C | 1 | 45 | 28 | 0.01 |
| Leith ... | 30.54 | 40 | NNW | 1 | 0 | 30.51 | - 1.1 | 30 | 28 | - 1 | 2 | 0 | 6m | 4 | 40 | 29 | - |
| Shields ... | 30.54 | 46 | E | 2 | C | 30.53 | - 0.5 | 43 | 40 | - 5 | S | 3 | cm | 5 | 49 | 40 | 0.02 |
| Spurn Head ... | 30.53 | 45 | ESE | 4 | 6c | 30.51 | - 0.2 | 44 | 42 | - 3 | ESE | 5 | cg | 3 | 49 | 42 | - |
| York ... | 30.54 | 43 | ESE | 1 | 6c | 30.53 | - 0.2 | 41 | 39 | - 6 | E | 1 | m | 4 | 49 | 38 | - |
| Loughborough ... | 30.51 | 39 | ESE | 1 | 6 | 30.50 | - 0.1 | 38 | 37 | - 2 | ESE | 1 | cm | 4 | 48 | 32 | - |
| Ardrossan ... | 30.51 | 41 | ESE | 2 | 6f | 30.49 | - 1.2 | 33 | 32 | - 1 | NE | 2 | 6m | 1 | 45 | 31 | - |
| Mullaghmore ... | 30.40 | 46 | SE | 5 | 6 | 30.34 | - 1.9 | 43 | 41 | + 2 | SE | 4 | 6m | 3 | 47 | 40 | - |
| Donaghadee ... | 30.48 | 48 | SE | 5 | 6 | 30.45 | - 0.2 | 44 | 41 | - 2 | SSE | 3 | C | 1 | 48 | 43 | - |
| Parsonstown ... | 30.41 | 45 | SE | 1 | 0 | 30.36 | - 1.9 | 39 | 38 | + 14 | 2 | 0 | 6c | 4 | 47 | 24 | - |
| Barrow-in-Furness ... | 30.48 | 42 | ESE | 2 | 6 | 30.47 | - 0.6 | 40 | 37 | - 2 | ESE | 4 | 6c | 4 | 49 | 38 | - |
| Holyhead ... | 30.44 | 46 | E | 3 | 6m | 30.41 | - 1.3 | 37 | 36 | - 9 | SSE | 2 | cm | 2 | 49 | 35 | - |
| Liverpool (Bidston) ... | 30.47 | 41 | E | 2 | 6 | 30.45 | - 0.7 | 39 | 36 | - 4 | E | 2 | C | 3 | 48 | 36 | - |
| Valencia ... | 30.36 | 48 | ESE | 1 | cm | 30.29 | - 1.8 | 47 | 46 | + 11 | SE | 1 | cmg | 1 | 53 | 36 | 0.05 |
| Roche's Point ... | 30.37 | 50 | ESE | 4 | C | 30.32 | - 1.2 | 50 | 49 | + 7 | ESE | 4 | C | 4 | 53 | 41 | - |
| Pembroke ... | 30.36 | 46 | ESE | 3 | 6c | 30.34 | - 1.1 | 45 | 43 | - 3 | ESE | 5 | cm | 2 | 51 | 40 | - |
| Scilly ... | 30.29 | 51 | ENE | 4 | 0 | 30.25 | - 1.3 | 49 | 45 | - 2 | ESE | 4 | C | 4 | 52 | 47 | - |
| Prawle Point ... | 30.34 | 47 | NE | 6 | 0 | 30.33 | - 0.7 | 48 | 45 | 0 | C | 5 | 6c | 5 | 57 | 45 | - |
| Hurst Castle ... | 30.41 | 45 | E | 5 | C | 30.40 | - 0.3 | 43 | 42 | - 3 | E | 5 | C | 3 | 49 | 39 | - |
| Dungeness ... | 30.45 | 43 | ESE | 4 | 6 | 30.44 | - 0.0 | 40 | 37 | - 4 | ESE | 4 | 6 | 4 | 49 | 40 | - |
| London ... | 30.48 | 41 | E | 3 | 6m | 30.46 | - 0.1 | 37 | 35 | - 3 | E | 2 | 6c | 4 | 47 | 33 | - |
| Oxford ... | 30.48 | 37 | NE | 2 | 6c | 30.48 | - 0.1 | 31 | 31 | - 8 | NE | 2 | 6cm | 4 | 45 | 30 | - |
| Cambridge ... | 30.50 | 38 | E | 1 | C | 30.50 | - 0.0 | 37 | 36 | 0 | 2 | 0 | 0 | 4 | 46 | 30 | - |
| Yarmouth ... | 30.51 | 44 | E | 5 | 6c | 30.51 | - 0.0 | 43 | 40 | - 1 | ESE | 5 | cg | 4 | 45 | 41 | - |
| The Helder ... | 30.58 | 36 | E | 3 | 6 | 30.58 | + 0.1 | 34 | 33 | 0 | E | 1 | 6 | 1 | 39 | 34 | - |
| Cape Griz Nez ... | 30.43 | 37 | E | 5 | 6 | 30.42 | + 0.3 | ? | ? | ? | E | 3 | 6 | 2 | 43 | ? | - |
| Jersey ... | 30.33 | 42 | E | 4 | 6m | 30.33 | - 0.4 | 38 | 37 | - 3 | ESE | 3 | 6m | 3 | 44 | 37 | - |
| Brest ... | 30.29 | 42 | ESE | 3 | 6 | 30.27 | - 0.5 | 37 | 36 | - 11 | E | 4 | 0 | 3 | 50 | 37 | - |
| Lorient ... | 30.30 | 43 | ESE | 5 | 6 | 30.30 | - 0.2 | 35 | 34 | - 6 | E | 5 | 6 | 2 | 52 | 32 | - |
| Rochefort ... | 30.30 | 43 | E | 5 | 6 | 30.29 | - 0.0 | 36 | 36 | - 3 | ESE | 5 | 0 | 2 | 52 | 32 | - |
| Biarritz ... | 30.25 | 49 | NE | 4 | 0 | 30.18 | - 0.6 | 43 | 43 | - 5 | E | 3 | f | 2 | 57 | 41 | - |
| Corunna ... | ? | ? | ? | ? | ? | 30.50 | - 0.1 | 28 | 26 | + 2 | ESE | 1 | 6 | 4 | 39 | ? | - |
| Brussels ... | ? | ? | ? | ? | ? | 30.36 | - 0.4 | 27 | ? | - 4 | NE | 1 | 6 | 4 | 48 | 27 | - |
| Charleville ... | 30.43 | 36 | SE | 1 | 6 | 30.39 | - 0.4 | 33 | 31 | 0 | NE | 4 | ? | 4 | ? | ? | - |
| Paris ... | 30.41 | 40 | NE | 4 | 6 | 30.39 | - 0.4 | 33 | 31 | 0 | NE | 4 | ? | 4 | ? | ? | - |
| Lyons ... | 30.35 | 36 | NNW | 1 | 6 | 30.39 | + 0.6 | 28 | 28 | - 8 | NNW | 1 | 6 | 4 | 40 | 27 | - |
| Toulon ... | 30.22 | 47 | SE | 5 | 0 | 30.28 | + 0.9 | 43 | 39 | - 4 | E | 4 | 6 | 3 | 52 | 41 | - |
| Belmullet ... | 30.38 | 43 | SSE | 2 | 6 | 30.29 | - 2.0 | 43 | 42 | + 6 | SSE | 3 | C | 4 | 50 | 37 | - |

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) overcast; a. needle observations; s. squally; r. rain; s. snow; t. thunder; u. ugly, threatening; v. visibility, unusual transparency; w. dew.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred^k Dampertield 15th, London

| REMARKS. | | | |
|--|--|------------------|--|
| <p>Since yesterday morning a slight fall of the barometer has taken place at all but the Scandinavian stations, the change being greatest in the west of our islands. The anticyclone which formerly extended over Scotland is now confined to the eastern shore of the North Sea, where the barometer still exceeds 30.6 mm. slight variable air was again reported over Denmark and the south of Scandinavia, but over England, Ireland and France the wind is inclined to freshen from E. or SE., while in Scotland moderate S. breeze prevails. The weather is fair at most stations, but fog or mist is reported locally. Temperature has risen several degrees in Ireland and Scotland, and readings now range from 50° at Newcastle to 31° at Belfast and 30° at Killybegs. That seaward boat night over the inland parts of the United Kingdom. At Loughborough and in London the thermometer on the gauge fell to 25°. The sea is rather rough off Newcastle and Yarmouth, slight or smooth elsewhere.</p> <p>There is at present no sign of any important change in the weather, but the south-easterly winds may possibly increase in force on our western and northern coasts.</p> | | | |
| <p>For the 24 hours ending at NOON on 16th Nov^r 1884. (Issued at 11 a.m. on the previous day.)</p> | | | |
| FORECASTS. | | | |
| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
| 0 SCOTLAND NORTH | S th Winds, moderate, fair | 6 SCOTLAND WEST | SE th Winds, freshening; fair generally. |
| 1 SCOTLAND EAST | D. D. D. | 7 ENGLAND N.W. | D. D. D. |
| 2 ENGLAND N.E. | Same as 705 | 8 ENGLAND S.W. | E th and SE th Winds, fresh or strong; cloudy. |
| 3 ENGLAND EAST | Same as 705 | 9 IRELAND NORTH | SE th Winds, freshening; fair to cloudy. |
| 4 MIDLAND COUNTIES | Same as 705 | 10 IRELAND SOUTH | D. D. D. |
| 5 ENGLAND SOUTH | E th and SE th Winds, moderate or fresh; fair generally. | WARNINGS | None issued. |

WEATHER CHARTS

For 8 a.m. on Saturday 45th November 1884

BAROMETER, WIND & SEA.

(Explanation of Map)

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

— = Forces above 10, — = Forces 6 to 10, — = Forces 5 to 7, — = Forces 1 to 4.

⊙ = dead calm.

Sea Disturbance—where considerable is shown thus

■ = Rough. — = High.

MEAN HEIGHT of the BAROMETER

at 8 a.m. for the month of November During the 10 years 1871—80.

STATIONS. MEAN READINGS.

| | |
|-----------------|--------|
| Swanwick Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Alverton | 29.782 |
| Leth | 29.830 |
| Shetland | 29.830 |
| York | 29.847 |
| Arbroath | 29.859 |
| Donaghadee | 29.872 |
| Malinbeg | 29.876 |
| Liverpool | 29.882 |
| Valencia | 29.880 |
| Rochester Point | 29.876 |
| Bombay | 29.867 |
| Sally | 29.859 |
| Hurst Castle | 29.852 |
| Dover | 29.845 |
| LONDON | 29.845 |
| Cardiff | 29.848 |
| Cardenage | 29.878 |
| Yarmouth | 29.855 |

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

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

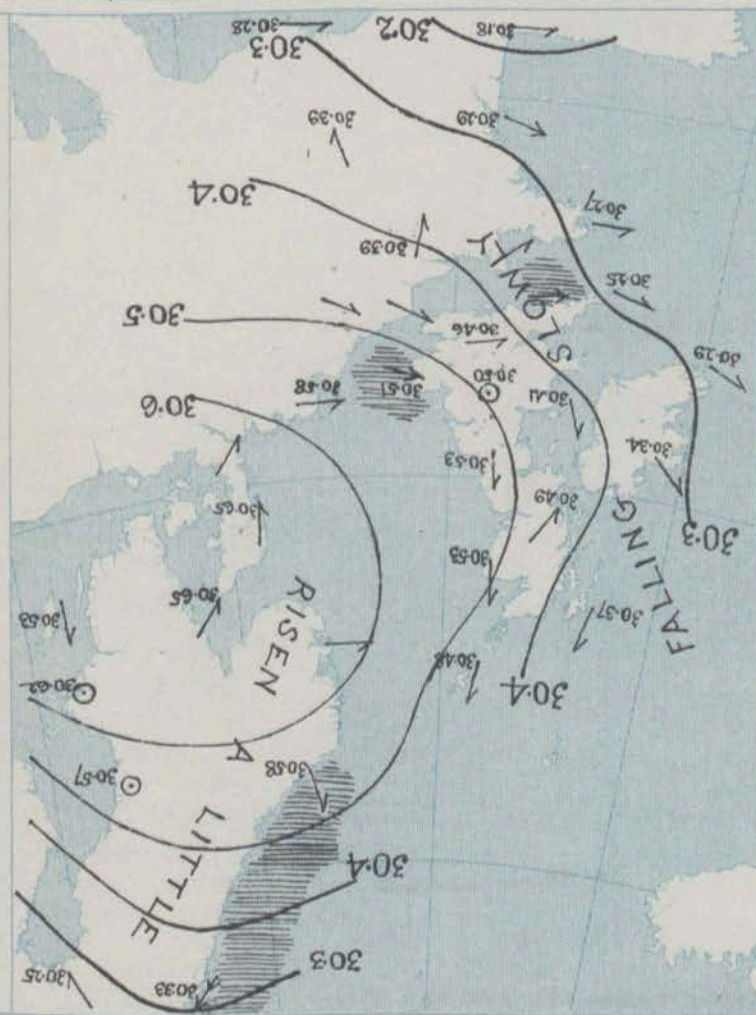
MEANS OF TEMPERATURE at 8 A.M. AND RAINFALL.

For the month of November

STATIONS. TEMPERATURE. RAINFALL.

| | | |
|-----------------|------|-----|
| Swanwick Head | 47.0 | 0.0 |
| Stornoway | 40.8 | 0.0 |
| Wick | 40.8 | 0.0 |
| Nairn | 39.2 | 0.0 |
| Alverton | 39.2 | 0.0 |
| Leth | 40.2 | 0.0 |
| Shetland | 40.2 | 0.0 |
| York | 39.2 | 0.0 |
| Arbroath | 39.2 | 0.0 |
| Donaghadee | 42.5 | 0.0 |
| Malinbeg | 45.1 | 0.0 |
| Liverpool | 45.1 | 0.0 |
| Valencia | 45.1 | 0.0 |
| Rochester Point | 45.1 | 0.0 |
| Bombay | 45.1 | 0.0 |
| Sally | 45.1 | 0.0 |
| Hurst Castle | 45.1 | 0.0 |
| Dover | 45.1 | 0.0 |
| LONDON | 45.1 | 0.0 |
| Cardiff | 45.1 | 0.0 |
| Cardenage | 45.1 | 0.0 |
| Yarmouth | 45.1 | 0.0 |

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



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

| RESIDENTIALS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | |
|--|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | |
| Skudesnaes | 30.67 | 46 | 45 | E | 2 | bc | Valencia | 30.37 | 52 | 50 | ESE | 2 | bc | 3 |
| Sumburgh Head | 30.55 | 48 | 45 | SW | 3 | C | Scilly | 30.51 | 51 | 49 | E | 4 | cm | 4 |
| Stornoway | 30.50 | 48 | 45 | SSW | 4 | C | Dungeness | 30.44 | 44 | 40 | ESE | 3 | C | 3 |
| Aberdeen | 30.59 | 38 | 37 | WSW | 1 | cm | London | 30.46 | 45 | 40 | ESE | 2 | bc | 4 |
| Shields | 30.54 | 48 | 45 | E | 2 | C | Yarmouth | 30.51 | 44 | 42 | SE | 4 | bc | 4 |
| Ardrossan | 30.54 | 45 | 42 | ESE | 2 | C | Jersey | 30.32 | 44 | 40 | E | 3 | C | 3 |
| Mullaghmore | 30.43 | 47 | 45 | ESE | 5 | C | Rochefort | 30.30 | 48 | 45 | ESE | 4 | C | 2 |
| Holyhead | 30.48 | 49 | 47 | E | 3 | f | | | | | | | | |
| Balmullet | 30.38 | 48 | 46 | SEE | 2 | C | | | | | | | | |

REMARKS.

The barometer has fallen a little in most parts of our islands, but no change has taken place in the winds and weather. The sea is moderate to smooth.

for Sunday 16th Nov 1884.
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

WEATHER

for 8 a.m. on

CHARTS

Sunday 16th Nov^r 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.810 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.834 |
| Donaghadee | 29.832 |
| Holyhead | 29.815 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roches Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.899 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.865 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

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

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.4 | 4.18 |
| Stornoway | 40.2 | 39.1 | 4.58 |
| Wick | 40.8 | 39.2 | 5.14 |
| Nairn | 38.8 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.18 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.85 |
| Donaghadee | 42.6 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.61 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.19 |
| Roches Point | 45.3 | 43.6 | 4.24 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Scilly | 40.6 | 37.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.4 | 1.96 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



for Sunday 16th November. 1884. at 8 a.m.

The sea is moderate in the Channel, slight or smooth elsewhere.

for the 24 hours ending at NOON on 17th November, 1884.
(Issued at 11 a.m. on the previous day.)

Fredk Dargeryeld, Lith. London, (131.)

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| Skudesnaes | 30.65 | 43 | 41 | ESE | 2 | 0 | 4 | Valencia | 30.27 | 50 | 48 | ESE | 2 | 0 | 3 |
| Sumburgh Head | 30.47 | 46 | 42 | SSW | 4 | 0 | 4 | Scilly | 30.24 | 51 | 48 | ESE | 4 | 0 | 4 |
| Stornoway | 30.40 | 45 | 41 | SSW | 4 | 0 | 5 | Dungeness | 30.41 | 43 | 38 | ESE | 4 | 0 | 3 |
| Aberdeen | 30.49 | 45 | 42 | S | 4 | 0 | 2 | London | 30.21 | 43 | 39 | E | 3 | bm | * |
| Shields | 30.49 | 44 | 41 | S | 2 | 0 | 3 | Yarmouth | 30.47 | 43 | 40 | ESE | 5 | ba | 5 |
| Ardrossan | 30.45 | 42 | 39 | ENE | 2 | 0 | 1 | Jersey | 30.26 | 42 | 39 | E | 3 | ba | 3 |
| Mullaghmore | 30.33 | 46 | 42 | SE | 5 | 0 | 3 | Rochefort | 30.28 | 49 | 46 | SE | 3 | 0 | 2 |
| Holyhead | 30.40 | 44 | 41 | SSE | 1 | cm | 1 | | | | | | | | |
| Balmalcolm | 30.28 | 47 | 46 | ESE | 2 | 0 | 2 | | | | | | | | |

REMARKS.

Scarcely any change has occurred since the morning.

DAILY WEATHER REPORT

for *Monday 17th Nov^r 1884.*

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

| | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | | |
| | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | Amount of Rainfall. | | |
| Haparanda | 30.21 | 36 | S | 4 | 0 | 30.01 | -.33 | 36 | 35 | + 4 | W | 4 | 0 | * | 37 | 30 | - | | |
| Hernösand ... | 30.45 | 34 | Z | 0 | 0 | 30.25 | -.24 | 35 | 33 | + 8 | SW | 2 | 0 | * | 36 | 23 | - | | |
| Stockholm ... | 30.42 | 35 | Z | 0 | 6 | 30.24 | -.18 | 37 | 35 | + 1 | NE | 2 | 0 | * | 39 | 28 | - | | |
| Wisby ... | 30.34 | 36 | ESE | 2 | 6 | 30.15 | -.19 | 37 | 36 | + 1 | E | 2 | 1 | * | 39 | 32 | 0.12 | | |
| Bodö | 30.09 | 45 | WSW | 6 | C | 29.83 | -.45 | 39 | 37 | - 7 | NW | 6 | C | 3 | ? | 39 | 0.47 | | |
| Christiansund ... | 30.26 | 41 | SE | 1 | 0 | 30.24 | -.19 | 42 | 41 | + 1 | SW | 3 | 1 | 5 | 43 | 37 | 0.08 | | |
| † Skudesnaes ... | 30.28 | 41 | WNW | 2 | 0 | 30.29 | -.16 | 38 | 37 | + 2 | WNW | 1 | 0 | 2 | 43 | 36 | - | | |
| Oxö (Xidansund) ... | 30.28 | 37 | NNE | 4 | 0 | 30.25 | -.19 | 39 | 36 | + 6 | N | 4 | 0 | 2 | ? | ? | 0.79 | | |
| Skagen (The Skaw) | 30.27 | 40 | SE | 4 | 0 | 30.21 | -.18 | 39 | 37 | + 1 | ENE | 4 | 0 | 2 | ? | 36 | - | | |
| Fanö ... | 30.17 | 36 | NE | 2 | 0 | 30.16 | -.24 | 33 | ? | - 3 | NE | 3 | 6 | * | 41 | 32 | - | | |
| Cuxhaven ... | 30.21 | 37 | NNE | 4 | 1 | 30.16 | -.17 | 37 | 37 | - 3 | E | 1 | 6 | * | 40 | 36 | 0.06 | | |
| † Sumburgh Head | 30.30 | 40 | Z | 0 | C | 30.37 | + .02 | 43 | 41 | + 1 | N | 4 | 0 | 3 | 45 | 36 | 0.01 | | |
| † Stornoway ... | 30.34 | 41 | Z | 0 | om | 30.43 | + .09 | 42 | 40 | + 2 | N | 3 | C | 2 | 44 | 37 | 0.04 | | |
| Wick ... | 30.29 | 36 | NW | 1 | 6 | 30.37 | - .01 | 38 | 36 | + 3 | N | 1 | 6 | 0 | 41 | 29 | - | | |
| Nairn ... | 30.33 | 33 | Z | 0 | 6 | 30.40 | + .04 | 37 | 37 | + 8 | SW | 1 | 0 | 1 | 38 | 28 | 0.04 | | |
| † Aberdeen ... | 30.33 | 36 | W | 1 | 0 | 30.38 | - .00 | 39 | 37 | + 2 | WN | 3 | 0 | 1 | 41 | 31 | - | | |
| Leith ... | 30.32 | 39 | SE | 1 | C | 30.37 | - .00 | 35 | 32 | - 2 | W | 1 | 1 | * | 41 | 34 | - | | |
| † Shields ... | 30.32 | 43 | Z | 0 | 2 | 30.34 | -.07 | 34 | 38 | - 2 | NW | 1 | 2 | 2 | 43 | 36 | - | | |
| Spurn Head ... | 30.31 | 42 | ESE | 2 | C | 30.28 | - .11 | 41 | 41 | - 3 | N | 2 | C | 2 | 45 | 40 | 0.04 | | |
| York ... | 30.33 | 42 | ESE | 1 | 0 | 30.32 | -.07 | 39 | 38 | - 2 | N | 1 | 0 | om | 44 | 38 | - | | |
| Loughborough... | 30.33 | 38 | ENE | 1 | 0 | 30.32 | -.06 | 34 | 33 | - 5 | NW | 2 | om | * | 42 | 31 | - | | |
| † Ardrossan ... | 30.33 | 37 | ENE | 1 | cm | 30.37 | - .00 | 34 | 33 | - 3 | NNE | 1 | 6 | 0 | 40 | 30 | - | | |
| † Mullaghmore ... | 30.30 | 43 | ESE | 4 | m | 30.36 | + .05 | 41 | 39 | - 1 | E | 1 | om | 3 | 46 | 40 | - | | |
| Donaghadee ... | 30.32 | 44 | E | 2 | 6 | 30.35 | - .00 | 42 | 39 | - 2 | E | 3 | C | 1 | 45 | 40 | - | | |
| Parsonstown ... | 30.30 | 40 | Z | 0 | 0 | 30.36 | + .02 | 38 | 37 | + 8 | Z | 0 | 0 | * | 41 | 29 | - | | |
| Barrow-in-Furness | 30.28 | 41 | NE | 2 | 6 | 30.32 | -.04 | 39 | 38 | - 1 | NE | 2 | 6 | * | 43 | 38 | - | | |
| † Holyhead ... | 30.29 | 41 | SSW | 1 | m | 30.33 | - .00 | 43 | 41 | + 1 | ENE | 1 | m | 1 | 44 | 36 | - | | |
| Liverpool (Bidston) | 30.31 | 41 | SE | 1 | 0 | 30.33 | -.03 | 37 | 35 | + 1 | E | 1 | 1 | 2 | 42 | 36 | - | | |
| † Valencia ... | 30.25 | 43 | NNE | 1 | 6 | 30.31 | + .04 | 39 | 38 | - 7 | NNE | 2 | 6 | 2 | 51 | 36 | - | | |
| Roche's Point .. | 30.25 | 45 | NE | 3 | C | 30.28 | + .01 | 41 | 40 | 0 | NE | 2 | 0 | 3 | 52 | 37 | 0.01 | | |
| Pembroke ... | 30.23 | 44 | E | 3 | 0 | 30.29 | - .00 | 38 | 34 | - 1 | ENE | 2 | cm | 1 | 44 | 37 | - | | |
| † Scilly ... | 30.16 | 49 | E | 4 | 6 | 30.20 | - .00 | 46 | 43 | - 2 | ENE | 5 | 0 | 5 | 50 | 44 | 0.31 | | |
| Prawle Point ... | 30.21 | 47 | E | 4 | 0 | 30.22 | -.03 | 38 | 37 | - 8 | NNE | 4 | 0 | 4 | 49 | 35 | - | | |
| Hurst Castle ... | 30.27 | 42 | ENE | 5 | C | 30.26 | -.04 | 40 | 38 | - 4 | ENE | 4 | 0 | 2 | 44 | 37 | - | | |
| † Dungeness ... | 30.27 | 39 | ESE | 4 | C | 30.25 | -.05 | 35 | 33 | - 4 | ESE | 1 | 6 | 1 | 43 | 35 | - | | |
| † London ... | 30.30 | 41 | E | 1 | og | 30.29 | - .04 | 38 | 36 | + 1 | NNE | 1 | 1 | * | 44 | 31 | - | | |
| Oxford ... | 30.31 | 38 | ENE | 1 | 0 | 30.31 | -.05 | 36 | 34 | + 3 | NE | 1 | 0 | * | 41 | 33 | - | | |
| Cambridge ... | 30.28 | 38 | E | 1 | 0 | 30.30 | -.07 | 36 | 35 | - 4 | Z | 0 | 0 | * | 41 | 30 | - | | |
| † Yarmouth ... | 30.30 | 41 | ESE | 2 | CV | 30.25 | -.14 | 39 | 39 | - 1 | NW | 2 | cm | 3 | 42 | 37 | 0.04 | | |
| The Helder ... | 30.25 | 41 | SW | 3 | 1 | 30.15 | - .26 | 45 | 42 | + 10 | NW | 2 | C | 2 | 45 | ? | 0.04 | | |
| Cape Griz Nez... | 30.26 | 32 | E | 4 | 0 | 30.20 | -.13 | 35 | 32 | + 5 | SE | 1 | C | 1 | 37 | 30 | - | | |
| † Jersey ... | 30.20 | 41 | E | 4 | 6 | 30.20 | -.04 | 38 | 36 | + 1 | ENE | 3 | cm | 3 | 43 | 37 | - | | |
| Brest ... | 30.17 | 40 | E | 3 | 6 | 30.17 | -.05 | 41 | 38 | + 3 | E | 4 | 0 | 3 | 46 | 37 | - | | |
| Lorient ... | 30.17 | 44 | ENE | 4 | 6 | 30.18 | -.04 | 36 | 32 | - 3 | ENE | 4 | m | 2 | 48 | 32 | - | | |
| † Rochefort ... | 30.19 | 50 | E | 3 | 0 | 30.17 | -.04 | 41 | 40 | - 1 | E | 4 | 0 | 2 | 54 | 36 | - | | |
| Biarritz ... | 30.14 | 52 | E | 1 | 6 | 30.12 | -.01 | 50 | 46 | 0 | S | 4 | C | 1 | 57 | 46 | - | | |
| Corunna ... | * | * | * | * | * | 30.24 | -.12 | 33 | 32 | + 2 | SSW | 1 | 1 | * | 31 | 25 | - | | |
| Brussels ... | * | * | * | * | * | 30.21 | -.09 | 23 | 23 | - 8 | ESE | 1 | 6 | * | 41 | 22 | - | | |
| Charleville ... | 30.30 | 31 | E | 1 | 6 | 30.25 | -.10 | 31 | 31 | - 1 | NNE | 3 | 1 | * | * | * | - | | |
| Paris ... | 30.23 | 39 | NNE | 3 | 6 | 30.25 | -.10 | 31 | 31 | - 1 | NNE | 3 | 1 | * | * | * | - | | |
| Lyons ... | 30.20 | 35 | W | 1 | 6 | 30.22 | -.05 | 32 | 32 | + 4 | WSW | 1 | 0 | * | 40 | ? | - | | |
| Toulon ... | 30.12 | 48 | W | 3 | 6 | 30.14 | -.01 | 44 | 43 | + 3 | E | 1 | m | 2 | ? | ? | - | | |
| Belmullet... | 30.27 | 44 | SW | 1 | m | 30.38 | + .11 | 36 | 36 | - 6 | NE | 1 | C | 2 | 45 | ? | 0.03 | | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred^r Danielsen Lith. London.

WEATHER

CHARTS

for 8 a.m. on Monday 17th November

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

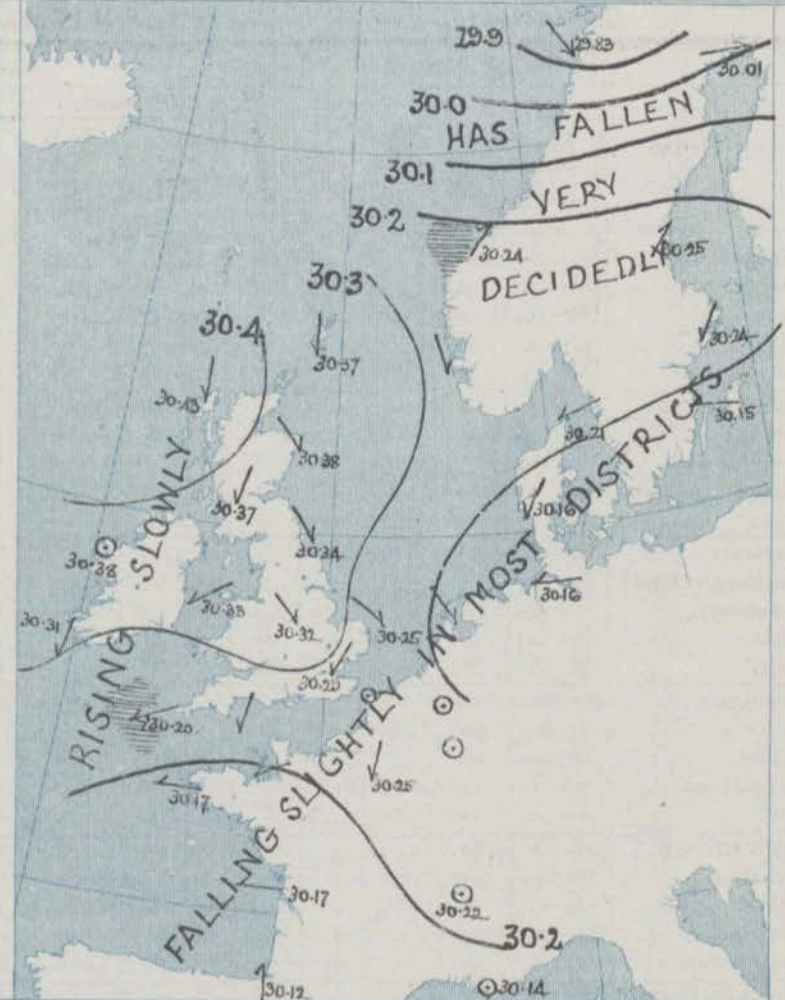
→ = forces above 10; → = forces 8 to 10;
 → = forces 5 to 7; → = forces 1 to 4;
 ○ = dead calm.

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

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.829 |
| Donaghadee | 29.832 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roche's Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.899 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.868 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

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

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.4 | 4.18 |
| Stornoway | 40.3 | 39.1 | 4.38 |
| Wick | 40.6 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.48 |
| Shields | 42.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.65 |
| Donaghadee | 42.6 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.51 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.14 |
| Roche's Point | 45.3 | 43.6 | 4.24 |
| Pembroke | 46.2 | 44.2 | 3.68 |
| Scilly | 49.6 | 47.4 | 3.70 |
| Hurst Castle | 44.1 | 43.1 | 2.67 |
| Dover | 43.6 | 41.9 | 3.70 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.96 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Monday 17th November. 1884. at 8 a.m.

In the course of the past 24 hours the barometer has risen a little on our western and northern coasts, while it has continued to fall slowly elsewhere. The area of highest pressure is now found off the north-west of Scotland, and the lowest readings over the north of Scandinavia, but a second area of relatively low pressure lies over France. The wind is light or moderate in force generally; in the north of Scandinavia it is W^{ly} but over our Islands and France N^{ly} or NE^{ly} breezes are general. The weather is cloudy or overcast at nearly all stations, with fog or mist locally. Temperature has risen a little in Scotland, but fallen slightly elsewhere; readings now range from 46° at Scilly to 35° at Aisk and 34° at Loughborough. The maximums registered yesterday were below 45° in the northern and eastern parts of the Kingdom, and frost occurred at many of the inland stations at night. The sea is slight or smooth.

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

FORECASTS

for the 24 hours ending at NOON on 18th November. 1884.
(Issued at 11 a.m. on the previous day.)

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|---|--------------------|---|
| 0 { SCOTLAND NORTH | N ^{ly} winds, light or moderate; fair on the whole, but fog locally. | 6 { SCOTLAND WEST | NE ^{ly} winds, light; fair, local fog. |
| 1 { SCOTLAND EAST | ----- D ^{ly} ----- D ^{ly} ----- D ^{ly} ----- | 7 { ENGLAND N.W. | ----- D ^{ly} ----- D ^{ly} ----- D ^{ly} ----- |
| 2 { ENGLAND N.E. | ----- D ^{ly} ----- D ^{ly} ----- D ^{ly} ----- | 8 { ENGLAND S.W. | E ^{ly} and NE ^{ly} winds, moderate or fresh; cloudy. |
| 3 { ENGLAND EAST | Same as No 5. | 9 { IRELAND NORTH | Same as No 6 and 7. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | Same as No 6 and 7. |
| 5 { ENGLAND SOUTH | NE ^{ly} winds, light or moderate; fair generally. | WARNINGS | NONE ISSUED. |

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|
| Skudesnaes | 29.93 | 42 | 40 | 4 | 4 | 0 | 3 | Valencia | | | | | |
| Sumburgh Head | | | | | | | | Scilly | | | | | |
| Stornoway | | | | | | | | Dungeness | | | | | |
| Aberdeen | | | | | | | | London | | | | | * |
| Shields | | | | | | | | Yarmouth | | | | | |
| Ardrossan | | | | | | | | Jersey | | | | | |
| Mullaghmore | | | | | | | | Rochefort | 30.19 | 51 | 49 | SE | 2 |
| Holyhead | | | | | | | | | | | | 0 | 2 |

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 9th to the 15th November 1884.

The weather over our islands ^{during} this week has been of three distinct types:— (1) Southwesterly, — cyclonic at the northern stations and anticyclonic in the south; this was experienced on Sunday the 9th; (2) Southerly and anticyclonic, lasting from the 10th till the morning of the 12th, and (3) purely anticyclonic, with a brief interval in which the conditions were slightly complicated by the appearance of a second anticyclonic system off our western coasts, and the formation of a "col" over the more northern parts of the Kingdom.

The weather experienced was as follows. During type (1) fine, bright & mild at our eastern & southern stations, with moderate Southwesterly breezes; showery in the west and north, with strong Southwesterly winds and gales. With type (2) temperature fell decidedly especially over the inland parts of the Kingdom; calm and variable air appeared over England, with fog and haze in many places, while Southerly winds prevailed in the west and north, and at times blew hard along the Atlantic and Scotch coasts.

The rainfall however was very trifling except in the extreme west and north. With type (3) the winds were moderate to light in force, easterly in the south, Southerly in the west & north, and Southwesterly over Scandinavia. Temperature was low and the weather dry, but gloomy, hazy, or foggy in many places.

There were no extremes of any kind worth particular mention, but the band of cold weather beneath the "col" on the morning of the 13th was singularly well defined.

DAILY WEATHER REPORT

for Tuesday 18th Nov^r 1884.

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

| Issued by the Meteorological Office, No. 1, Victoria Embankment, London, W.C.2. | | | | | | | | | | | | | | | | | |
|---|---|--------------------|--------|----------------------|---------|---|---|-------------|------|---|--------|----------------------|----------|-------------------|----------------|------|---------------------------|
| 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. | | |
| | | | 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. | Amount of Rainfall. |
| | | | | | | | | | | | | | | | | | |
| Haparanda | 29.86 | 30 | N | 4 | B | 30.07 | +06 | 21 | 20 | -15 | N | 4 | B | * | 36 | ? | - |
| Hernösand ... | 30.13 | 32 | NW | 4 | B | 30.16 | -09 | 24 | ? | -11 | N | 2 | B | * | 37 | ? | - |
| Stockholm ... | 29.99 | 35 | NE | 2 | O | 29.95 | -29 | 33 | 30 | -4 | NNE | 6 | O | * | 39 | 32 | 0.04 |
| Wisby ... | 29.94 | 36 | E | 4 | N | 29.87 | -28 | 37 | 36 | 0 | NNE | 6 | N | * | 39 | 32 | 0.16 |
| Bodö | 30.09 | 35 | N | 6 | Bc | 30.19 | +36 | 31 | 29 | -8 | NW | 4 | O | 2 | 39 | 28 | - |
| Christiansund ... | 30.36 | 36 | NNE | 2 | B | 30.38 | +14 | 35 | 33 | -7 | NNE | 1 | Bc | 4 | ? | 30 | 0.12 |
| Skudesnaes ... | 30.20 | 38 | NNW | 4 | B | 30.33 | +04 | 35 | 30 | -3 | NNE | 4 | Bc | 2 | 41 | ? | - |
| Oxö (Klansund) ... | 30.13 | 36 | N | 4 | B | 30.24 | -01 | 34 | 30 | -5 | N | 4 | B | 2 | 39 | 30 | - |
| Skagen (The Skaw) | 30.07 | 39 | NE | 6 | O | 30.14 | -07 | 35 | 31 | -4 | NE | 6 | B | 5 | 39 | 34 | 0.12 |
| Fanö ... | 30.01 | 35 | N | 4 | N | 30.07 | -09 | 35 | 33 | +2 | N | 4 | C | * | 37 | 32 | 0.04 |
| Cuxhaven ... | 30.07 | 37 | NNE | 4 | O | 29.99 | -17 | 38 | 38 | +1 | NNE | 6 | N | * | 40 | 36 | 0.82 |
| Sumburgh Head | 30.47 | 40 | N | 4 | O | 30.53 | +16 | 37 | 35 | -6 | N | 4 | O | 4 | 46 | 33 | - |
| Stornoway ... | 30.53 | 42 | N | 3 | Bcp | 30.65 | +22 | 40 | 38 | -2 | N | 3 | O | 2 | 46 | 37 | 0.01 |
| Wick ... | 30.50 | 44 | NE | 3 | Bc | 30.61 | +24 | 40 | 37 | +2 | N | 4 | C | 2 | 45 | 38 | - |
| Nairn ... | 30.48 | 43 | NW | 3 | O | 30.60 | +20 | 39 | 37 | +2 | NE | 3 | C | 3 | 44 | 37 | - |
| Aberdeen ... | 30.42 | 42 | NNW | 4 | C | 30.52 | +14 | 39 | 37 | 0 | N | 5 | p | 5 | 44 | 38 | 0.06 |
| Leith ... | 30.40 | 42 | W | 1 | O | 30.54 | +17 | 42 | 37 | +7 | N | 2 | C | * | 44 | 35 | - |
| Shields ... | 30.35 | 42 | NNW | 2 | Bcm | 30.42 | +08 | 44 | 42 | +5 | N | 5 | cp | 4 | 46 | 38 | 0.05 |
| Spurn Head ... | 30.25 | 46 | NNE | 5 | Bc | 30.26 | -02 | 44 | 43 | +3 | NNE | 6 | cp | 5 | 46 | 40 | 0.10 |
| York ... | 30.31 | 40 | N | 1 | C | 30.38 | +06 | 40 | 39 | +1 | N | 2 | B | * | 43 | 39 | 0.04 |
| Loughborough... | 30.31 | 40 | NNW | 2 | O | 30.36 | +04 | 40 | 39 | +6 | NNW | 4 | agmp | * | 43 | 33 | - |
| Ardrossan ... | 30.43 | 41 | Z | 0 | Bc | 30.55 | +18 | 38 | 35 | +4 | NNE | 1 | Bm | 0 | 42 | 31 | - |
| Mullaghmore ... | 30.44 | 44 | ENE | 4 | Cm | 30.59 | +23 | 34 | 34 | -7 | SSW | 1 | B | 0 | 46 | 30 | - |
| Donaghadee ... | 30.47 | 45 | ENE | 4 | O | 30.55 | +20 | 44 | 41 | +2 | E | 3 | Bc | 1 | 47 | 41 | - |
| Parsonstown ... | 30.43 | 35 | Z | 0 | B | 30.58 | +22 | 29 | 28 | -9 | Z | 0 | B | * | 43 | 27 | - |
| Barrow-in-Furness | 30.36 | 43 | NE | 2 | O | 30.45 | +13 | 40 | 38 | +1 | NW | 2 | Bc | 4 | 44 | 38 | - |
| Holyhead ... | 30.39 | 45 | NNE | 2 | O | 30.50 | +17 | 46 | 43 | +3 | NE | 7 | C | 5 | 48 | 43 | - |
| Liverpool (Bldston) | 30.37 | 41 | NNE | 2 | C | 30.46 | +13 | 41 | 38 | +4 | N | 3 | C | 3 | 43 | 37 | - |
| Valencia ... | 30.38 | 44 | ENE | 2 | Cm | 30.54 | +23 | 41 | 39 | +2 | NNE | 2 | C | 2 | 49 | 34 | - |
| Roche's Point .. | 30.39 | 40 | NE | 3 | B | 30.49 | +21 | 42 | 40 | +1 | NNE | 2 | O | 3 | 49 | 36 | - |
| Pembroke ... | 30.33 | 38 | ENE | 2 | B | 30.43 | +14 | 41 | 40 | +3 | ENE | 2 | B | 1 | 41 | 36 | - |
| Scilly ... | 30.25 | 47 | NE | 5 | C | 30.39 | +19 | 46 | 43 | 0 | ENE | 3 | O | 3 | 47 | 43 | - |
| Prawle Point ... | 30.29 | 39 | NNE | 3 | O | 30.40 | +18 | 36 | 36 | -2 | N | 3 | B | 3 | 43 | 34 | - |
| Hurst Castle ... | 30.29 | 39 | ENE | 3 | C | 30.35 | +09 | 34 | 33 | -6 | N | 2 | m | 2 | 44 | 35 | - |
| Dungeness ... | 30.21 | 38 | N | 2 | Bc | 30.23 | -02 | 35 | 35 | 0 | NNW | 3 | O | 1 | 44 | 35 | - |
| London... | 30.27 | 41 | N | 1 | C | 30.31 | +02 | 38 | 37 | 0 | NW | 1 | fg | * | 43 | 34 | - |
| Oxford ... | 30.32 | 36 | N | 1 | Bc | 30.37 | +06 | 38 | 37 | +2 | NNW | 3 | C | * | 43 | 35 | - |
| Cambridge | 30.26 | 38 | N | 1 | B | 30.31 | +01 | 38 | 38 | +2 | N | 1 | Bc | * | 43 | 35 | 0.01 |
| Yarmouth ... | 30.20 | 44 | NNE | 3 | C | 30.20 | -05 | 43 | 42 | +4 | N | 6 | cp | 5 | 46 | 38 | 0.09 |
| The Helder | 30.13 | 42 | Z | 0 | Bc | 30.08 | -07 | 43 | 42 | -2 | NNE | 1 | N | 2 | 46 | 41 | 0.28 |
| Cape Griz Nez... | 30.18 | 45 | N | 7 | O | 30.17 | -03 | 44 | 43 | +9 | N | 7 | B | 5 | 46 | 34 | 0.08 |
| Jersey ... | 30.25 | 38 | ENE | 2 | B | 30.33 | +13 | 45 | 41 | +7 | NNE | 3 | Bcm | 3 | 45 | 37 | - |
| Brest ... | 30.23 | 41 | NE | 3 | O | 30.35 | +18 | 39 | 35 | -2 | NE | 1 | O | 3 | 46 | 34 | - |
| Lorient ... | 30.21 | 41 | ENE | 5 | B | 30.32 | +14 | 41 | 40 | +5 | N | 3 | Bc | 2 | 45 | 32 | - |
| Rochefort ... | 30.19 | 46 | W | 4 | O | 30.31 | +14 | 46 | ? | +5 | NE | 5 | B | 2 | 52 | 28 | - |
| Biarritz ... | 30.13 | 55 | W | 1 | C | 30.17 | +05 | 47 | 46 | -3 | E | 4 | O | 1 | 57 | 45 | - |
| Corunna ... | * | * | * | * | * | 30.10 | -14 | 38 | 38 | +5 | WNW | 1 | N | * | ? | 32 | 0.04 |
| Brussels ... | * | * | * | * | * | 30.12 | -09 | 31 | ? | +8 | NE | 1 | O | * | 37 | 22 | - |
| Charleville ... | 30.15 | 34 | E | 1 | O | 30.26 | +01 | 36 | 35 | +5 | W | 3 | B | * | * | * | - |
| Paris ... | 30.22 | 37 | NNE | 3 | O | 30.26 | +01 | 36 | 35 | +5 | W | 3 | B | * | * | * | - |
| Lyons ... | 30.15 | 42 | SSW | 1 | O | 30.20 | -02 | 34 | 33 | +2 | NNW | 1 | m | * | 46 | ? | - |
| Toulon ... | 30.11 | 47 | WNW | 4 | B | 30.06 | -08 | 45 | 43 | +1 | NW | 4 | Bc | 2 | 50 | 43 | 0.08 |
| Belmullet... | 30.44 | 44 | NE | 1 | B | 30.58 | +20 | 34 | 34 | -2 | NE | 1 | B | 0 | 46 | 31 | - |

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

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

† The evening observations are taken at 6 p.m. in France and our Islands way and Denmark the observations are taken at 8 p.m. (Christiania time).

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

Fred^s Bangertfield Lath. London

WEATHER CHARTS

for 8 a.m. on *Tuesday* 18th November 1884.

BAROMETER, WIND & SEA.

(Explanation of Map.)

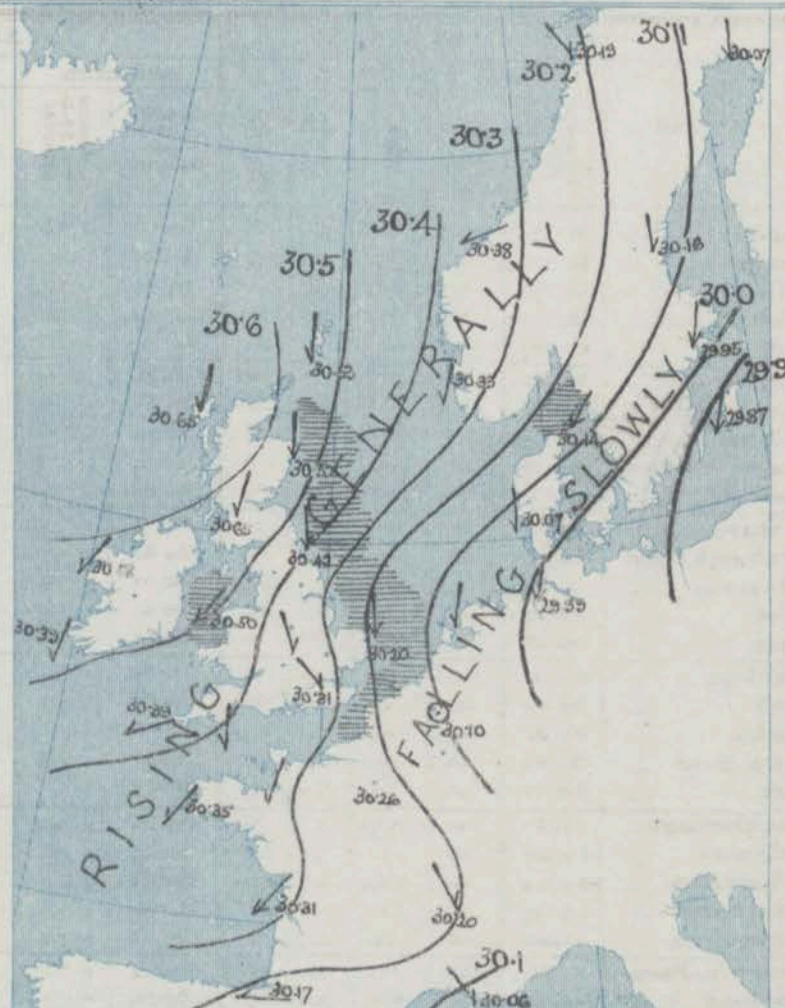
Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—
 — = forces above 10; — = forces 8 to 10;
 — = forces 5 to 7; — = forces 1 to 4;
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

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

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.724 |
| Stornoway. | 29.755 |
| Wick. | 29.767 |
| Nairn. | 29.786 |
| Aberdeen. | 29.782 |
| Leith. | 29.820 |
| Shields. | 29.800 |
| York. | 29.847 |
| Ardrossan. | 29.829 |
| Donaghadee. | 29.832 |
| Holyhead. | 29.846 |
| Liverpool. | 29.862 |
| Valencia. | 29.880 |
| Roche's Point. | 29.875 |
| Pembroke. | 29.867 |
| Scilly. | 29.899 |
| Hurst Castle. | 29.866 |
| Dover. | 29.882 |
| LONDON. | 29.885 |
| Oxford. | 29.898 |
| Cambridge. | 29.878 |
| Yarmouth. | 29.855 |



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

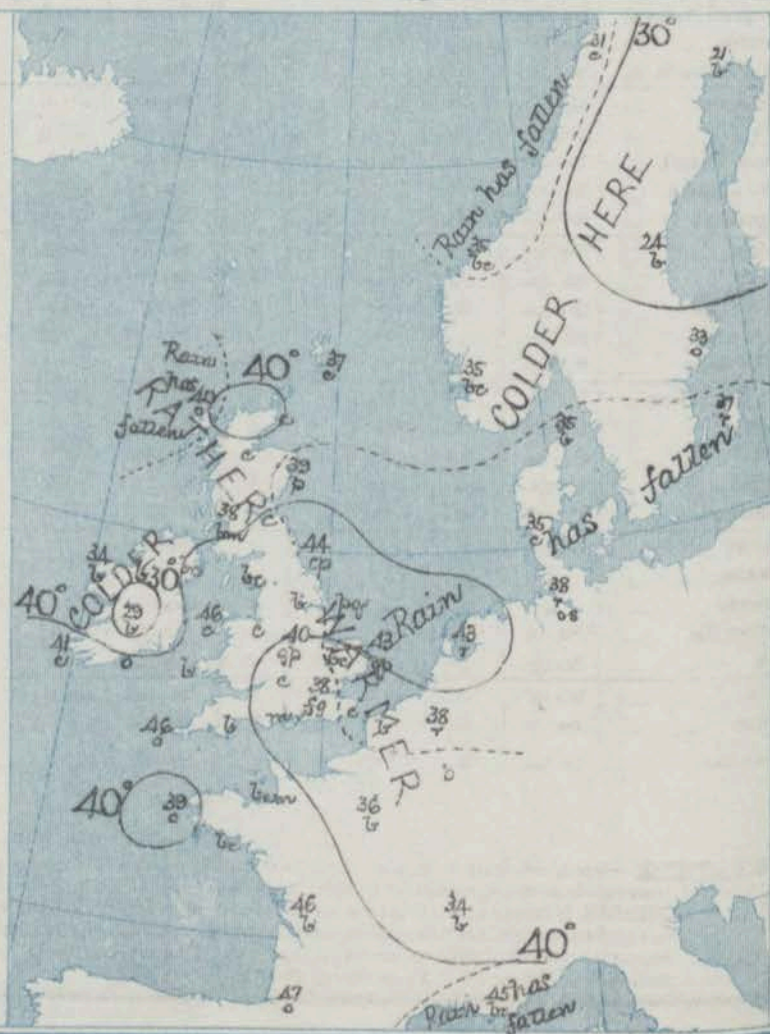
Temperature—Isotherms are drawn for each 10° Changes since previous morning are stated in words.
Weather—is shown by letters of the Beaufort Scale.
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 41.0 | 39.4 | 4.18 |
| Stornoway. | 40.2 | 39.1 | 4.58 |
| Wick. | 40.8 | 39.2 | 3.19 |
| Nairn. | 38.8 | 37.2 | 2.35 |
| Aberdeen. | 40.2 | 38.3 | 3.22 |
| Leith. | 40.3 | 39.4 | 2.10 |
| Shields. | 41.3 | 39.7 | 3.01 |
| York. | 39.7 | 38.4 | 2.31 |
| Ardrossan. | 42.2 | 39.8 | 3.63 |
| Donaghadee. | 42.5 | 41.3 | 3.03 |
| Holyhead. | 45.1 | 43.3 | 3.61 |
| Liverpool. | 41.5 | 39.8 | 2.63 |
| Valencia. | 46.8 | 44.6 | 5.19 |
| Roche's Point. | 45.3 | 43.6 | 4.29 |
| Pembroke. | 46.2 | 44.2 | 3.38 |
| Scilly. | 49.5 | 47.6 | 3.79 |
| Hurst Castle. | 44.1 | 43.1 | 2.67 |
| Dover. | 43.6 | 41.9 | 3.79 |
| LONDON. | 41.3 | 39.9 | 2.07 |
| Oxford. | 40.5 | 39.2 | 2.09 |
| Cambridge. | 39.6 | 38.8 | 1.86 |
| Yarmouth. | 42.6 | 41.6 | 3.31 |

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



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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|--------|------|------|---|-----------|-------|------|-------|--------|------|-----|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Ses. | | Bar. | Dry. | Wet. | Wind. | Wea. | Ses. | | |
| Skudesnaes | 30.41 | 41 | 38 | N | 2 | 6 | 2 | Valencia | 30.33 | 47 | 44 | E.N.E. | 2 | c m | 3 |
| Sumburgh Head | 30.42 | 44 | 41 | N | 4 | c | 3 | Scilly | 30.20 | 46 | 44 | E.N.E. | 5 | o | 4 |
| Stornoway | 30.48 | 45 | 43 | N | 3 | c | 2 | Dungeness | 30.22 | 44 | 41 | N | 3 | 6 c | 1 |
| Aberdeen | 30.38 | 43 | 42 | N.N.W. | 3 | o | 1 | London | 30.25 | 43 | 38 | N.W. | 1 | c m | * |
| Shields | 30.33 | 46 | 44 | N | 3 | c | 2 | Yarmouth | 30.20 | 46 | 43 | N.N.W. | 2 | c | 3 |
| Ardrossan | 30.40 | 41 | 38 | N.E. | 1 | c | 0 | Jersey | 30.21 | 40 | 37 | E.N.E. | 3 | 6 | 3 |
| Mullaghmore | 30.40 | 44 | 41 | E.N.E. | 2 | c m | 2 | Rochefort | 30.17 | 51 | 46 | E.N.E. | 4 | c | 2 |
| Holyhead | 30.35 | 44 | 40 | E | 2 | 6 c | 1 | | | | | | | | |
| Belmullet | 30.38 | 46 | 44 | E.N.E. | 2 | 6 | * | | | | | | | | |

REMARKS.

The barometer continues to rise slowly on our western and northern coasts, but is falling in the south east of England and also at Skudesnaes. N or NE winds and dry, but somewhat cloudy weather is reported generally. The sea is moderate to smooth.

DAILY WEATHER REPORT

for Wednesday 19th November 1884.

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

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|----------------------|---|--------------------|-------|---------------------|---------|---|---|-------------|------|---|-------|----------------------|----------|-------------------|-------------|----------------|---------------------------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | |
| | | | Dir. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | Amount of Rainfall. | |
| Haparanda | 30.07 | 14 | Z | 0 | b | 30.10 | + .03 | 17 | 16 | — 4 | N | 2 | bc | • | 31 | 14 | — | |
| Hernösand ... | 30.19 | 24 | N | 2 | b | 30.18 | + .02 | 19 | 18 | — 5 | Z | 0 | b | • | 34 | 16 | — | |
| Stockholm ... | 30.14 | 26 | N | 6 | b | 30.12 | + .07 | 30 | ? | — 3 | NNH | 2 | b | • | 36 | 23 | — | |
| Wisby ... | 29.99 | 33 | N | 6 | o | 30.03 | + .16 | 32 | 30 | — 5 | N | 6 | bc | • | 41 | 32 | 0.08 | |
| Bodö ... | 30.19 | 26 | NE | 2 | s | 30.15 | — .04 | 21 | 19 | — 10 | ENE | 2 | bc | 1 | 32 | 21 | — | |
| Christiansund ... | 30.32 | 35 | NNH | 3 | o | 30.21 | — .17 | 36 | 35 | + 1 | S | 2 | r | 4 | 36 | 30 | 0.24 | |
| Skudesnaes ... | 30.42 | 33 | E | 1 | b | 30.34 | + .01 | 35 | 34 | 0 | NNE | 1 | o | 3 | 37 | ? | — | |
| Oxö (Ålansund) ... | 30.35 | 34 | N | 4 | b | 30.29 | + .05 | 30 | 27 | — 4 | NNH | 2 | b | 2 | 37 | 28 | — | |
| Skagen (The Skaw) | 30.29 | 35 | NE | 5 | b | 30.26 | + .02 | 36 | 32 | + 1 | N | 2 | b | 1 | 36 | 31 | — | |
| Fanö ... | 30.25 | 31 | NNH | 1 | b | 30.24 | + .07 | 28 | 26 | — 7 | NNH | 1 | b | • | 36 | 25 | — | |
| Cuxhaven ... | 30.12 | 35 | NNE | 6 | o | 30.10 | + .02 | 34 | 30 | — 4 | NE | 3 | b | • | 37 | 33 | — | |
| Sumburgh Head | 30.57 | 41 | N | 1 | c | 30.19 | — .06 | 44 | 44 | + 7 | NNH | 4 | c | 4 | 45 | 35 | 0.06 | |
| Stornoway ... | 30.73 | 40 | N | 3 | b | 30.70 | + .05 | 44 | 42 | + 4 | NNH | 3 | om | 2 | 44 | 37 | 0.01 | |
| Wick ... | 30.66 | 38 | N | 3 | b | 30.60 | — .06 | 42 | 42 | + 3 | NNH | 3 | c/p | 2 | 42 | 33 | 0.07 | |
| Nairn ... | 30.68 | 38 | NE | 2 | c | 30.67 | + .07 | 40 | 38 | + 1 | NNH | 2 | o | 4 | 41 | 38 | — | |
| Aberdeen ... | 30.60 | 39 | N | 5 | bc | 30.59 | + .07 | 42 | 41 | + 4 | NNH | 4 | c | 4 | 43 | 37 | 0.05 | |
| Leith ... | 30.62 | 40 | NNH | 3 | b | 30.62 | + .10 | 39 | 35 | — 3 | W | 1 | c | • | 44 | 35 | — | |
| Shields ... | 30.52 | 43 | N | 5 | bc | 30.56 | + .04 | 41 | 40 | — 3 | NNH | 2 | c | 5 | 45 | 39 | 0.08 | |
| Spurn Head ... | 30.26 | 42 | NNE | 6 | bc | 30.28 | + .02 | 44 | 45 | 0 | NNE | 5 | bc/p | 6 | 45 | 40 | 0.07 | |
| York ... | 30.46 | 40 | N | 2 | c | 30.56 | + .10 | 39 | 39 | — 1 | N | 2 | r | • | 45 | 35 | 0.04 | |
| Loughborough ... | 30.42 | 39 | NNH | 4 | b | 30.53 | + .17 | 34 | 35 | — 4 | NNH | 2 | bc | • | 44 | 34 | 0.01 | |
| Ardrossan ... | 30.65 | 40 | N | 1 | b | 30.67 | + .02 | 37 | 35 | — 1 | N | 1 | b | 1 | 45 | 33 | — | |
| Mullaghmore ... | 30.68 | 44 | ENE | 5 | o | 30.75 | + .06 | 42 | 40 | + 9 | NE | 4 | c/v | 3 | 47 | 34 | — | |
| Donaghadee ... | 30.64 | 44 | NNE | 4 | bc | 30.69 | + .04 | 36 | 35 | — 8 | NNH | 1 | bc | 0 | 45 | 36 | — | |
| Parsonstown ... | 30.41 | 38 | N | 1 | b | 30.75 | + .17 | 27 | 26 | — 2 | Z | 0 | b | • | 42 | 25 | — | |
| Barrow-in-Furness | 30.53 | 41 | NE | 2 | bc | 30.59 | + .04 | 39 | 37 | — 1 | N | 2 | bc | 1 | 45 | 36 | 7 | |
| Holyhead ... | 30.56 | 46 | NE | 8 | bc | 30.65 | + .05 | 42 | 42 | — 1 | NE | 6 | bc | 5 | 47 | 35 | — | |
| Liverpool (Bidston) | 30.54 | 44 | N | 2 | bc | 30.61 | + .05 | 39 | 37 | — 2 | N | 2 | b | 4 | 44 | 38 | — | |
| Valencia ... | 30.63 | 44 | ENE | 3 | bc | 30.72 | + .08 | 39 | 37 | — 2 | NNE | 3 | b | 3 | 50 | 36 | — | |
| Roche's Point .. | 30.61 | 41 | NNE | 3 | b | 30.67 | + .06 | 37 | 35 | — 5 | NNE | 3 | b | 3 | 50 | 36 | — | |
| Pembroke ... | 30.51 | 44 | E | 2 | bc | 30.60 | + .07 | 41 | 38 | 0 | ENE | 2 | E | 1 | 47 | 40 | — | |
| Scilly ... | 30.45 | 47 | NNE | 5 | op | 30.52 | + .03 | 42 | 41 | 0 | ENE | 6 | c | 5 | 58 | 44 | 0.02 | |
| Prawle Point ... | 30.44 | 40 | N | 2 | c | 30.53 | + .03 | 36 | 35 | 0 | NNE | 4 | b | 2 | 50 | 35 | — | |
| Hurst Castle ... | 30.29 | 41 | N | 4 | bc | 30.49 | + .14 | 36 | 35 | + 2 | NNE | 3 | b | 2 | 47 | 33 | — | |
| Dungeness ... | 30.28 | 42 | N | 4 | r | 30.40 | + .17 | 37 | 36 | + 2 | NNE | 4 | r | 4 | 45 | 35 | 0.13 | |
| London ... | 30.24 | 41 | N | 3 | b | 30.26 | + .02 | 39 | 38 | + 1 | N | 4 | c/p | • | 45 | 37 | 0.03 | |
| Oxford ... | 30.43 | 39 | N | 5 | c | 30.52 | + .05 | 37 | 36 | — 1 | NE | 4 | b | • | 44 | 35 | 0.01 | |
| Cambridge ... | 30.37 | 38 | N | 2 | c | 30.48 | + .17 | 36 | 36 | — 2 | N | 2 | b | • | 46 | 34 | 0.09 | |
| Yarmouth ... | 30.30 | 43 | NNE | 6 | rg | 30.40 | + .10 | 42 | 41 | — 1 | NE | 6 | rg | 5 | 45 | 39 | 0.27 | |
| The Helder ... | 30.26 | 41 | NE | 5 | c | 30.37 | + .10 | 36 | 36 | — 3 | ENE | 3 | c | 2 | 45 | 37 | 0.08 | |
| Cape Griz Nez ... | 30.23 | 42 | N | 7 | r | 30.34 | + .11 | 34 | 34 | — 10 | E | 4 | s | 4 | 48 | 34 | 0.67 | |
| Jersey ... | 30.36 | 46 | NNE | 4 | omg | 30.42 | + .06 | 42 | 38 | — 1 | NE | 4 | c | 3 | 48 | 40 | — | |
| Brest ... | 30.41 | 45 | NE | 4 | o | 30.43 | + .02 | 46 | 41 | + 7 | NE | 4 | o | 3 | 48 | 37 | 0.02 | |
| Lorient ... | 30.35 | 47 | NE | 5 | o | 30.41 | + .06 | 41 | 37 | — 1 | NE | 4 | b | 2 | 50 | 36 | — | |
| Rochefort ... | 30.24 | 45 | NE | 5 | b | 30.34 | + .04 | 40 | 39 | — 6 | NE | 5 | b | 2 | 50 | 34 | — | |
| Biarritz ... | 30.27 | 46 | E | 3 | b | 30.28 | + .01 | 37 | 35 | — 10 | E | 1 | c | 1 | 54 | 34 | — | |
| Corunna ... | • | • | • | • | • | 30.36 | + .26 | 32 | 31 | — 5 | NNE | 7 | b | • | 47 | 33 | 0.04 | |
| Brussels ... | • | • | • | • | • | 30.26 | + .10 | 31 | 30 | 0 | ENE | 5 | b | • | ? | ? | — | |
| Charleville ... | ? 30.15 | 37 | NE | 1 | c | ? 30.26 | + .10 | 31 | 30 | 0 | ENE | 5 | b | • | • | • | — | |
| Paris ... | 30.26 | 44 | SH | 4 | o | 30.38 | + .12 | 37 | 36 | + 1 | NNH | 4 | b | • | • | • | — | |
| Lyons ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| Toulon ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | |
| Balmuccia ... | 30.65 | 44 | NE | 3 | o | 30.74 | + .06 | 41 | 41 | + 7 | NNE | 1 | o | • | 46 | 34 | — | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Printed by the Meteorological Office, London.

WEATHER CHARTS

for 8 a.m. on WEDNESDAY, 19TH November

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

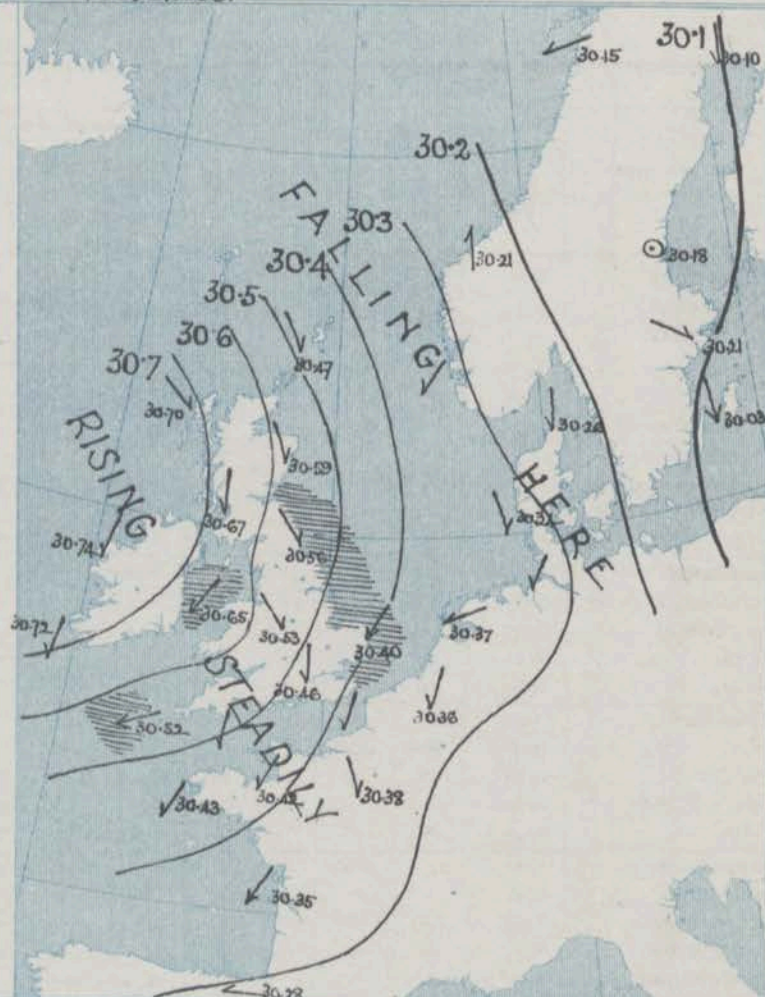
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.897 |
| Ardrrossan | 29.829 |
| Donaghadee | 29.832 |
| Holyhead | 29.846 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roches Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.899 |
| Hurst Castle | 29.865 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.928 |
| Yarmouth | 29.855 |



REMARKS.

for *Wednesday 19th November 1884* at *8 a.m.*

The depression which lay over the Baltic yesterday has passed away from our area, but a new fall of the barometer has set in over Norway and the north of Scotland. Elsewhere the barometer is rising steadily and the anticyclone which formerly lay off the northwest of Scotland now extends over Ireland. The wind has backed to NW at our extreme northern stations, but elsewhere it is Northerly or Northeasterly. In force it is moderate or fresh generally, but at Yarmouth a strong breeze from NE. continues. Rain is falling at Christiansund, Bruges & Yarmouth, and showers at Wick, but elsewhere the weather is fair. Cold showers fell yesterday over the northern and eastern parts of the Kingdom. Temperature has risen a few degrees in Scotland to the north of Ireland, but fallen in most other localities; readings now range from 45° at Selly to 27° at Larne. The sea is rather rough off the east of England and also at Holyhead & Selly, moderate to smooth elsewhere.

A new depression appears to be approaching the west of Norway and if this moves southeastward a considerable increase of wind will take place over the North Sea.

FORECASTS

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|--|-----------------------|---|
| 0 { SCOTLAND NORTH | N ^W and N ^E winds, increasing in force, perhaps a gale; unsettled, cold showers. | 6 { SCOTLAND WEST | N ^W and NE ^W winds, freshening; fair on the whole, but some cold showers. |
| 1 { SCOTLAND EAST |D.....D.....D..... | 7 { ENGLAND N.W. |D.....D.....D..... |
| 2 { ENGLAND N.E. |D.....D.....D..... | 8 { ENGLAND S.W. | NE ^W winds, fresh; fair generally. |
| 3 { ENGLAND EAST | Same as N ^o 5 | 9 { IRELAND NORTH | Same as N ^{os} 6 & 7 |
| 4 { MIDLAND COUNTIES | Same as N ^o 5 | 10 { IRELAND SOUTH | Same as N ^o 8. |
| 5 { ENGLAND SOUTH | N ^W winds, strong and gusty, changeable, some cold rain or sleet. | WARNINGS | The North Cone was hoisted last evening in Districts 0 to 2. |

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

| TUESDAYS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|--------------------------------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
| Skudesnaes | 30.37 | 37 | 33 | NNW | 2 | c | 2 | Valencia | 30.57 | 49 | 46 | NE | 4 | bm | 4 |
| Sumburgh Head | 30.57 | 38 | 36 | N | 4 | c | 4 | Scilly | 30.44 | 50 | 45 | NE | 4 | bc | 3 |
| Stornoway | 30.70 | 42 | 41 | NE | 3 | c | 2 | Dungeness | 30.25 | 45 | 42 | N | 5 | c | 3 |
| Aberdeen | 30.57 | 41 | 39 | N | 6 | c | 6 | London | 30.34 | 45 | 41 | NNW | 5 | c | 4 |
| Shields | 30.46 | 44 | 42 | N | 5 | c | 5 | Yarmouth | 30.24 | 44 | 43 | NE | 6 | cq | 6 |
| Ardrossan | 30.60 | 44 | 39 | N | 1 | bc | 0 | Jersey | 30.35 | 46 | 43 | NNE | 3 | c | 3 |
| Mullaghmore | 30.53 | 44 | 42 | Z | 0 | om | 0 | Rocheport | 30.35 | 45 | 43 | NE | 5 | b | 2 |
| Holyhead | 30.52 | 46 | 42 | NNE | 7 | bc | 5 | | | | | | | | |

REMARKS.

The barometer is rising slowly at all stations, and the reading at Stornoway is now as high as 30.7 in: N² and NE³ breezes and fair weather are reported generally, but on our east coasts some showers have fallen since the morning. The sea is rough on the east coast of Great Britain as well as at Holyhead.

DAILY WEATHER REPORT

for *Thursday* 20th Nov^r 1884.

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

| | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------|----------------|-------------|------|---------------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | | | |
| | | | Dir. | Force. (0 to 12) | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12) | | | Max. | Min. | Amount of Rainfall. | | |
| Haparanda | 30.06 | 8 | 2 | 0 | b | 30.04 | -.06 | 11 | 10 | - 6 | 11 | 2 | b | * | 18 | 1 | - | | |
| Hernösand ... | 30.10 | 14 | 2 | 0 | b | 30.01 | -.17 | 13 | 12 | - 6 | 2 | 0 | b | * | 27 | 10 | - | | |
| Stockholm ... | 30.09 | 21 | 11W | 2 | b | 29.97 | -.15 | 17 | 16 | - 13 | 11W | 2 | b | * | 30 | ? | - | | |
| Wisby ... | 30.00 | 28 | 11W | 6 | b | 29.93 | -.10 | 24 | 23 | - 8 | SE | 2 | c | * | 43 | ? | 0.35 | | |
| Bodö ... | 29.98 | 23 | ENE | 2 | b | 29.98 | -.17 | 22 | 20 | + 1 | ENE | 4 | b | 2 | 41 | 19 | - | | |
| Christiansund ... | 29.97 | 40 | SW | 4 | o | 29.60 | -.61 | 38 | 36 | + 2 | SE | 1 | c | 3 | 41 | 32 | 0.47 | | |
| Skudesnaes ... | 30.15 | 36 | 2 | 0 | h | 29.66 | -.68 | 39 | 37 | + 4 | 11W | 2 | h | 3 | ? | 34 | 0.28 | | |
| Oxö (Ålansund) ... | 30.12 | 83 | 11 | 2 | c | 29.71 | -.58 | 38 | 32 | + 3 | 11W | 2 | s | 2 | 37 | 30 | - | | |
| Skagen (The Skaw) | 30.11 | 31 | 11W | 2 | b | 29.78 | -.48 | 37 | ? | + 1 | S | 4 | o | 2 | 39 | 30 | - | | |
| Fanö ... | 30.12 | 33 | S | 2 | b | 29.78 | -.56 | 36 | 36 | + 8 | S | 2 | h | * | 37 | ? | 0.08 | | |
| Cuxhaven ... | 30.24 | 35 | 11 | 1 | b | 29.95 | -.45 | 40 | 40 | + 6 | 11W | 1 | f | * | 41 | ? | - | | |
| Sumburgh Head | 30.28 | 47 | 11W | 4 | o | 29.86 | -.61 | 34 | 34 | - 10 | 11W | 5 | o | 4 | 47 | 33 | 0.16 | | |
| Stornoway ... | 30.58 | 45 | 11W | 3 | om | 30.24 | -.46 | 44 | 41 | 0 | 11 | 5 | cq | 4 | 48 | 42 | 0.09 | | |
| Wick ... | 30.42 | 44 | 11W | 3 | o | 30.03 | -.87 | 39 | 38 | - 4 | 11W | 8 | cu | 6 | 45 | 38 | 0.12 | | |
| Nairn ... | 30.53 | 43 | 11W | 2 | o | 30.12 | -.85 | 44 | 42 | + 4 | 11W | 7 | op | 5 | 46 | 40 | 0.07 | | |
| Aberdeen ... | 30.47 | 42 | 11W | 4 | h | 30.03 | -.86 | 43 | 41 | 0 | 11W | 7 | cfq | 3 | 47 | 41 | 0.01 | | |
| Leith ... | 30.53 | 42 | 11W | 3 | b | 30.11 | -.83 | 44 | 41 | + 5 | 11W | 1 | b | * | 46 | 37 | - | | |
| Shields ... | 30.51 | 42 | 11W | 3 | o | 30.09 | -.47 | 41 | 40 | 0 | W | 4 | h | 4 | 45 | 37 | 0.01 | | |
| Spurn Head ... | 30.44 | 40 | 11W | 5 | c | 30.12 | -.86 | 41 | 40 | - 3 | W | 5 | cu | 5 | 46 | 39 | 0.09 | | |
| York ... | 30.52 | 42 | 11W | 1 | o | 30.15 | -.41 | 38 | 37 | - 1 | W | 1 | b | * | 44 | 36 | 0.04 | | |
| Loughborough ... | 30.52 | 42 | 11W | 3 | o | 30.22 | -.31 | 36 | 35 | 0 | 11W | 4 | c | * | 43 | 34 | 0.01 | | |
| Ardrossan ... | 30.56 | 43 | 11 | 1 | b | 30.19 | -.48 | 48 | 46 | + 11 | 11W | 4 | b | 3 | 48 | 35 | - | | |
| Mullaghmore ... | 30.70 | 44 | 11 | 4 | c | 30.45 | -.30 | 47 | 45 | + 4 | 11W | 5 | op | 4 | 47 | 42 | 0.01 | | |
| Donaghadee ... | 30.62 | 47 | 11W | 4 | c | 30.30 | -.89 | 45 | 44 | + 9 | 11W | 2 | c | 0 | 48 | 35 | 0.04 | | |
| Parsonstown ... | 30.71 | 39 | 2 | 0 | o | 30.52 | -.23 | 40 | 39 | + 13 | 11W | 1 | h | * | 42 | 25 | 0.02 | | |
| Barrow-in-Furness | 30.55 | 40 | 11 | 2 | b | 30.22 | -.37 | 42 | 41 | + 3 | 11W | 3 | c | * | 45 | 36 | - | | |
| Holyhead ... | 30.61 | 47 | 11W | 4 | b | 30.32 | -.33 | 46 | 45 | + 1 | 11W | 8 | h | 6 | 48 | 44 | 0.01 | | |
| Liverpool (Bidston) | 30.56 | 41 | 11 | 2 | b | 30.25 | -.36 | 46 | 43 | + 7 | 11W | 5 | c | 4 | 46 | 39 | - | | |
| Valencia ... | 30.70 | 40 | 11W | 4 | b | 30.57 | -.15 | 45 | 43 | + 6 | 11 | 3 | c | 3 | 45 | 37 | 0.10 | | |
| Roche's Point ... | 30.67 | 40 | 11W | 4 | b | 30.54 | -.13 | 43 | 42 | + 6 | 11 | 4 | c | 4 | 47 | 35 | - | | |
| Pembroke ... | 30.59 | 43 | ENE | 2 | b | 30.37 | -.23 | 45 | 42 | + 4 | 11W | 5 | opu | 3 | 47 | 40 | 0.01 | | |
| Scilly ... | 30.53 | 47 | 11W | 5 | c | 30.41 | -.11 | 47 | 43 | + 1 | 11 | 5 | o | 4 | 48 | 45 | - | | |
| Prawle Point ... | 30.53 | 40 | 11W | 3 | b | 30.37 | -.16 | 39 | 38 | + 3 | 11W | 1 | c | 2 | 47 | 35 | - | | |
| Hurst Castle ... | 30.50 | 39 | 11W | 4 | b | 30.31 | -.18 | 39 | 38 | + 3 | 11W | 3 | c | 2 | 45 | 34 | - | | |
| Dungeness ... | 30.43 | 41 | ENE | 3 | o | 30.24 | -.16 | 37 | 36 | 0 | 11W | 2 | c | 2 | 45 | 35 | 0.18 | | |
| London ... | 30.48 | 41 | 11W | 3 | o | 30.24 | -.22 | 38 | 36 | - 1 | W | 2 | b | * | 45 | 36 | - | | |
| Oxford ... | 30.51 | 40 | 11W | 2 | o | 30.25 | -.27 | 37 | 36 | 0 | W | 2 | b | * | 45 | 37 | - | | |
| Cambridge ... | 30.46 | 38 | 11 | 1 | o | 30.20 | -.28 | 37 | 35 | + 1 | 11W | 1 | o | * | 46 | 34 | 0.01 | | |
| Yarmouth ... | 30.40 | 42 | 11W | 3 | c | 30.13 | -.27 | 39 | 39 | - 3 | 11W | 4 | cfq | 4 | 45 | 38 | 0.16 | | |
| The Helder ... | 30.26 | 44 | 11W | 3 | h | 30.01 | -.36 | 46 | 44 | + 6 | 11W | 4 | o | 3 | ? | 39 | 0.08 | | |
| Cape Griz Nez ... | 30.39 | 39 | 2 | 0 | c | 30.19 | -.19 | 42 | 40 | + 8 | 11 | 5 | b | 4 | ? | 34 | 0.08 | | |
| Jersey ... | 30.44 | 45 | 11W | 4 | om | 30.34 | -.08 | 45 | 40 | + 1 | 11W | 3 | ogm | 3 | 46 | 43 | - | | |
| Brest ... | 30.47 | 45 | 11W | 4 | o | 30.41 | -.02 | 46 | 42 | 0 | 11 | 4 | o | 3 | 48 | 37 | - | | |
| Lorient ... | 30.43 | 45 | 11W | 5 | b | 30.39 | -.02 | 44 | 42 | + 3 | 11 | 4 | o | 2 | 48 | 37 | - | | |
| Rocheport ... | 30.39 | 42 | 11W | 8 | b | 30.39 | + .04 | 32 | 32 | - 8 | 11W | 7 | b | 2 | 52 | 27 | - | | |
| Biarritz ... | 30.26 | 45 | 11W | 5 | b | 30.29 | + .01 | 28 | 28 | - 9 | 11 | 3 | b | 2 | 50 | 28 | - | | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | |
| Brussels ... | * | * | * | * | * | 30.12 | -.24 | 36 | 36 | + 3 | 11W | 1 | f | * | 38 | 32 | 0.04 | | |
| Charleville ... | 30.33 | 31 | 11W | 4 | b | 30.20 | -.05 | 28 | 27 | - 3 | 11W | 1 | s | * | 36 | 25 | - | | |
| Paris ... | 30.48 | 37 | 11 | 5 | b | 30.27 | -.11 | 37 | 36 | 0 | W | 3 | f | * | * | * | - | | |
| Lyons ... | 30.17 | 34 | 11 | 5 | o | 30.19 | * | 31 | 29 | * | 11 | 5 | o | * | 37 | 30 | - | | |
| Toulon ... | 29.96 | 40 | 11W | 7 | b | 29.95 | -.06 | 40 | 35 | 0 | 11W | 5 | c | 4 | 41 | 37 | - | | |
| Belmullet ... | 30.73 | 42 | 11W | 2 | c | 30.52 | -.22 | 46 | 44 | + 5 | 11 | 4 | o | * | 46 | 39 | - | | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

† Received too late for insertion in Charts.

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WEATHER CHARTS

for 8 a.m. on *Thursday 20th November 1884.*

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

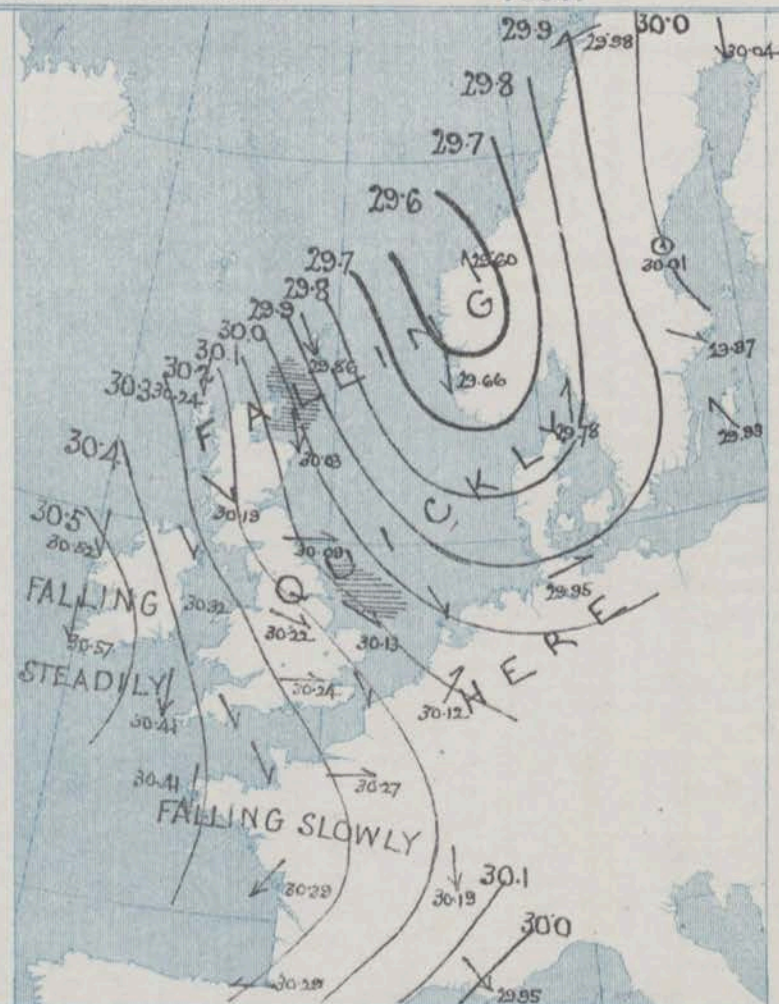
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.897 |
| Ardrossan | 29.824 |
| Donaghadee | 29.832 |
| Holyhead | 29.846 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roches Point | 29.875 |
| Pembroke | 29.867 |
| Selly | 29.899 |
| Hurst Castle | 29.886 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

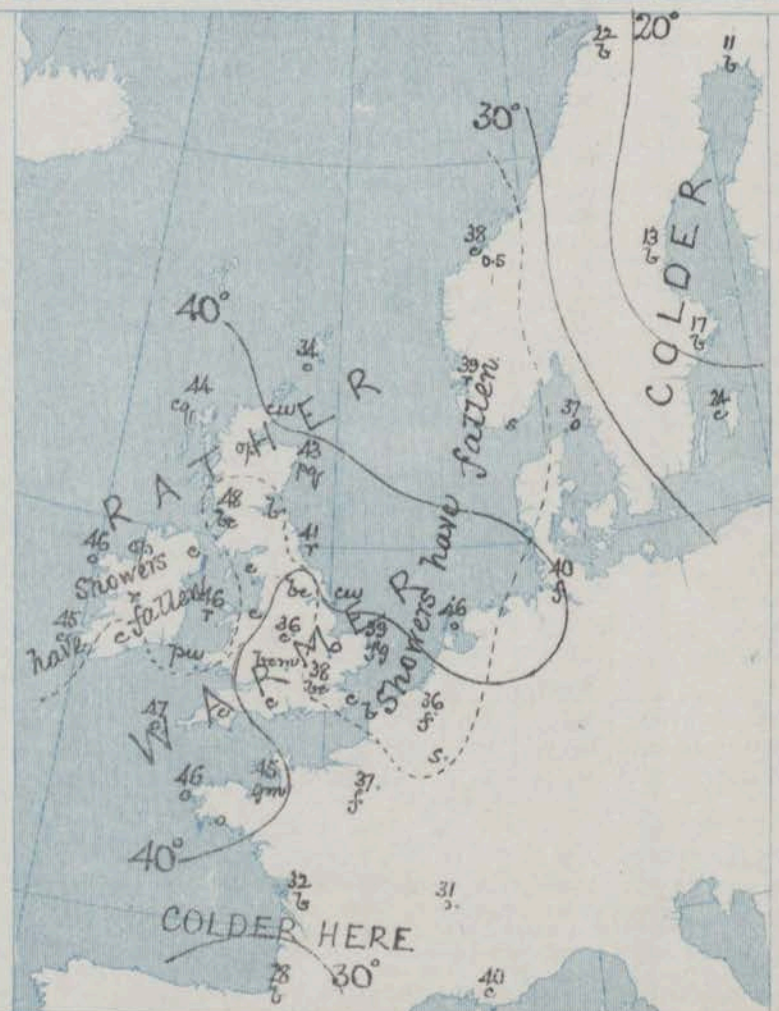
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Day Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.4 | 4.18 |
| Stornoway | 40.3 | 39.7 | 4.38 |
| Wick | 40.8 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.18 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.65 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.61 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.14 |
| Roches Point | 45.3 | 43.6 | 4.28 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Selly | 49.5 | 47.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.96 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Thursday 20th November

1884, at 8 a.m.

The fall of the barometer noticed on our extreme northern coast yesterday has since extended to nearly all parts of Western Europe, and a well marked depression has appeared over the coast of Norway. The highest pressures are still reported from Ireland. The wind remains NE³ in the coast of France, but in our Islands it has backed to the NW⁴, and in the north and east of Scotland a moderate to fresh gale is blowing. Over Scandinavia light and somewhat variable breezes are reported. The weather is fine in Sweden, and fair at most of our southern and the French stations, but elsewhere it is cloudy or overcast, with cold showers in many places. During yesterday showers of cold rain or sleet fell in several parts of the Kingdom. Temperature has risen a few degrees, and readings now range from 48° at Aberdeen and 47° at Mullaghmore and Scilly to 36° at Loughborough and 34° at Sumburgh Head. The sea is rather rough on the east coast of Great Britain, moderate or slight elsewhere.

The depression over Norway seems likely to move in a south easterly or southerly direction, and a considerable increase of wind may be expected over the whole of our Islands.

FORECASTS

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|---|--|--|
| 0 { SCOTLAND NORTH | NW ³ to N ² strong winds and gales; squally, with cold rain and sleet. | 6 { SCOTLAND WEST | NW ³ winds, increasing to a gale; changeable, some cold showers. |
| 1 { SCOTLAND EAST | -----D ² -----D ² -----D ² ----- | 7 { ENGLAND N.W. | -----D ² -----D ² -----D ² ----- |
| 2 { ENGLAND N.E. | W ² to NW ³ winds, increasing to a gale; squally, showery. | 8 { ENGLAND S.W. | N ² winds, fresh or strong; cloudy, some showers. |
| 3 { ENGLAND EAST | Same as No 5 | 9 { IRELAND NORTH | Same as Nos 6 and 7 |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | Same as No 8. |
| 5 { ENGLAND SOUTH | W ² to NW ³ winds, increasing in force; fair to squally and showery | WARNINGS The north cone is still up in districts 0 to 2 and the warnings have been extended this morning to districts 6, 7 and 9. | |

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

| TUESDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---------------------------------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|----|---|
| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | |
| Skudesnaes | 30.26 | 38 | 37 | EHE | 1 | 0 | 2 | Valencia | 30.72 | 44 | 42 | NE | 4 | 6v | 4 |
| Sumburgh Head | 30.40 | 45 | 41 | NW | 4 | 0 | 4 | Scilly | 30.54 | 47 | 43 | EHE | 5 | e | 4 |
| Stornoway | 30.64 | 45 | 44 | NW | 3 | 0m | 2 | Dungeness | 30.42 | 41 | 40 | EHE | 3 | 0 | 3 |
| Aberdeen | 30.54 | 44 | 42 | NW | 4 | c | 3 | London | 30.47 | 45 | 40 | NHE | 4 | c | 3 |
| Shields | 30.53 | 45 | 43 | NW | 5 | e | 5 | Yarmouth | 30.43 | 44 | 42 | NE | 4 | 6c | 5 |
| Ardrossan | 30.42 | 43 | 42 | N | 1 | 6 | 1 | Jersey | 30.43 | 44 | 41 | NE | 4 | 0 | 3 |
| Mullaghmore | 30.73 | 45 | 44 | NHE | 4 | 0 | 3 | Rochefort | 30.37 | 49 | 43 | NE | 7 | 6c | 2 |
| Holyhead | 30.64 | 47 | 43 | NHE | 5 | c | 4 | | | | | | | | |
| Belmullet | 30.73 | 45 | 44 | NHE | 2 | c | 7 | | | | | | | | |

REMARKS.

The fall of the barometer noticed in the north of Scotland this morning is extending S^{de}, but no important change has taken place in the winds or weather. The sea is rather rough off the east of England, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for Fri-day 21st Nov^r 1884.

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

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|----------------------|---|--------------------|--------|----------------------|---------|---|---|-------------|------|---|--------|----------------------|-------------------|-------------|------|---------------------------|------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | | | |
| | | | Dirce. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirce. | Force. (0 to 12). | | Max. | Min. | Amount of Rainfall. | | |
| Haparanda | 30.16 | 4 | N | 0 | C | 30.08 | + 0.4 | 7 | 7 | - 4 | N | 2 | C | * | 12 | 3 | - | |
| Hernösand ... | 30.21 | 14 | NW | 4 | C | 30.24 | + 0.23 | 7 | 6 | - 6 | N | 2 | C | * | 19 | 7 | - | |
| Stockholm ... | 30.06 | 21 | NE | 2 | C | 30.13 | + 0.16 | 17 | 15 | 0 | N | 2 | C | * | 25 | 14 | - | |
| Wisby ... | 29.95 | 30 | E | 4 | C | 29.95 | + 0.2 | 23 | 23 | - 1 | E | 2 | C | * | 34 | 19 | - | |
| Bodö ... | 30.15 | 45 | NNE | 2 | C | 29.95 | - 0.3 | 30 | 28 | + 8 | SW | 6 | O | 3 | ? | 31 | - | |
| Christiansund ... | 29.93 | 33 | ENE | 3 | C | 30.08 | + 0.48 | 29 | 27 | - 9 | Z | 0 | C | 3 | 7 | 25 | - | |
| Skudesnaes ... | 29.87 | 41 | ESC | 6 | bc | 30.11 | + 0.45 | 37 | 34 | - 2 | SSE | 6 | S | 4 | 41 | 37 | - | |
| Oxö (Klansund) ... | 29.80 | 39 | E | 8 | O | 30.13 | + 0.42 | 30 | 27 | - 3 | NE | 6 | O | 5 | 39 | 30 | 0.43 | |
| Skagen (The Skaw) | 29.88 | 31 | E | 6 | C | 30.10 | + 0.32 | 28 | 25 | - 9 | E | 6 | C | 4 | 84 | 28 | - | |
| Fanö ... | 29.55 | 33 | NNE | 7 | S | 29.91 | - 0.3 | 33 | 32 | - 3 | NE | 6 | bc | * | 89 | 32 | 0.54 | |
| Cuxhaven ... | 29.49 | 40 | NW | 5 | O | 29.71 | - 0.24 | 36 | 36 | - 4 | ENE | 6 | O | * | 41 | 34 | 0.36 | |
| †Sumburgh Head | 29.94 | 40 | N | 5 | C | 30.20 | + 0.34 | 37 | 35 | + 3 | NNE | 2 | bc | 3 | 43 | 34 | 0.09 | |
| †Stornoway ... | 30.22 | 39 | N | 5 | cpgh | 30.28 | + 0.04 | 40 | 40 | - 4 | N | 4 | cp | 3 | 44 | 36 | 0.04 | |
| Wick ... | 30.03 | 42 | NNW | 7 | bc | 30.21 | + 0.18 | 42 | 38 | + 3 | N | 2 | C | 1 | 45 | 38 | 0.05 | |
| Nairn ... | 30.11 | 40 | NNW | 7 | O | 30.21 | + 0.09 | 41 | 39 | - 3 | NE | 5 | C | 4 | 45 | 39 | 0.02 | |
| †Aberdeen ... | 29.93 | 39 | NNW | 8 | ng | 30.17 | + 0.14 | 40 | 39 | - 3 | N | 4 | C | 5 | 44 | 36 | 0.42 | |
| Leith ... | 30.02 | 41 | N | 3 | C | 30.15 | + 0.04 | 41 | 38 | - 3 | NNW | 2 | C | * | 48 | 39 | - | |
| †Shields ... | 29.91 | 40 | NNW | 4 | C | 30.08 | - 0.01 | 43 | 40 | + 2 | NE | 5 | bc | 7 | 49 | 35 | 0.16 | |
| Spurn Head ... | 29.83 | 40 | NW | 7 | bc | 29.86 | - 0.26 | 42 | 40 | + 1 | NE | 8 | bcgyp | 6 | 45 | 35 | 0.17 | |
| York ... | 29.94 | 37 | NW | 3 | C | 30.00 | - 0.15 | 41 | 38 | + 3 | NNE | 4 | C | * | 49 | 34 | 0.14 | |
| Loughborough... | 29.96 | 38 | WNW | 2 | C | 29.86 | - 0.36 | 41 | 39 | + 5 | N | 6 | cg | * | 46 | 35 | 0.01 | |
| †Ardrossan ... | 30.08 | 41 | N | 1 | C | 30.17 | - 0.02 | 43 | 39 | - 5 | NNE | 1 | C | 1 | 48 | 38 | - | |
| †Mullaghmore ... | 30.26 | 46 | NNW | 6 | ogyp | 30.25 | - 0.20 | 43 | 41 | - 4 | NNE | 5 | C | 4 | 49 | 43 | 0.02 | |
| Donaghadee ... | 30.12 | 45 | N | 7 | C | 30.15 | - 0.15 | 46 | 45 | + 1 | NE | 7 | C | 5 | 49 | 43 | - | |
| Parsonstown ... | 30.26 | 43 | NW | 1 | C | 30.27 | - 0.25 | 38 | 32 | - 7 | Z | 0 | C | * | 46 | 32 | 0.03 | |
| Barrow-in-Furness | 30.01 | 41 | N | 3 | C | 30.05 | - 0.17 | 42 | 38 | 0 | N | 2 | bc | * | 48 | 38 | 0.02 | |
| †Holyhead ... | 30.07 | 48 | N | 8 | qcu | 30.08 | - 0.24 | 46 | 43 | 0 | NNE | 7 | bc | 6 | 50 | 44 | 0.01 | |
| Liverpool (Bidston) | 30.01 | 42 | N | 3 | C | 30.03 | - 0.22 | 41 | 38 | - 5 | N | 3 | O | 3 | 47 | 40 | 0.06 | |
| †Valencia ... | 30.36 | 47 | N | 5 | cp | 30.26 | - 0.31 | 43 | 42 | - 2 | NE | 3 | C | 3 | 50 | 42 | 0.09 | |
| Roche's Point .. | 30.24 | 45 | NNW | 5 | C | 30.17 | - 0.37 | 41 | 39 | - 2 | N | 4 | C | 4 | 50 | 38 | 0.01 | |
| Pembroke ... | 30.09 | 47 | N | 6 | bc | 29.97 | - 0.40 | 46 | 42 | + 1 | NNE | 6 | bcg | 3 | 48 | 41 | 0.06 | |
| †Scilly ... | 30.19 | 49 | NNW | 6 | O | 29.98 | - 0.43 | 48 | 45 | + 1 | N | 7 | C | 6 | 49 | 44 | 0.05 | |
| Prawle Point ... | 30.07 | 44 | NW | 1 | C | 29.87 | - 0.50 | 40 | 38 | + 1 | NNW | 2 | C | 1 | 47 | 35 | 0.04 | |
| Hurst Castle ... | 29.99 | 45 | WNW | 5 | A | 29.78 | - 0.53 | 40 | 39 | + 1 | NNE | 5 | C | 2 | 47 | 35 | 0.04 | |
| †Dungeness ... | 29.91 | 42 | NW | 3 | C | 29.69 | - 0.55 | 37 | 36 | 0 | NNW | 4 | O | 3 | 44 | 35 | 0.01 | |
| †London... | 29.93 | 44 | NNW | 5 | ng | 29.76 | - 0.48 | 39 | 38 | + 1 | N | 3 | og | * | 46 | 35 | 0.03 | |
| Oxford ... | 29.95 | 39 | NW | 1 | O | 29.82 | - 0.43 | 40 | 39 | + 3 | N | 3 | bcg | * | 47 | 36 | 0.07 | |
| Cambridge ... | 29.90 | 38 | NW | 1 | C | 29.77 | - 0.43 | 41 | 41 | + 4 | N | 2 | A | * | 46 | 33 | 0.06 | |
| †Yarmouth ... | 29.81 | 41 | NW | 5 | cg | 29.69 | - 0.44 | 42 | 41 | + 3 | NE | 8 | cgq | 6 | 42 | 34 | 0.24 | |
| The Helder ... | 29.62 | 41 | N | 3 | C | 29.62 | - 0.39 | 41 | 39 | - 5 | NE | 1 | C | 2 | 46 | 36 | 0.28 | |
| Cape Griz Nez... | 29.38 | 45 | NNW | 8 | A | 29.63 | - 0.54 | 41 | 39 | - 1 | NNW | 7 | C | 5 | 46 | 37 | 0.04 | |
| †Jersey ... | 30.07 | 47 | NW | 4 | ogp | 29.79 | - 0.55 | 42 | 40 | - 3 | NNW | 5 | cgpa | 4 | 48 | 41 | 0.13 | |
| Brest ... | 30.19 | 46 | N | 7 | C | 29.97 | - 0.44 | 41 | 40 | - 5 | NNE | 3 | C | 3 | 48 | 41 | 0.16 | |
| Lorient ... | 30.17 | 48 | NW | 7 | O | 29.90 | - 0.49 | 44 | 42 | 0 | N | 5 | bc | 2 | 50 | 41 | - | |
| †Rochefort ... | 30.26 | 43 | NW | 4 | bc | 29.85 | - 0.54 | 47 | 44 | + 15 | NNW | 8 | O | 3 | 52 | ? | 0.12 | |
| Biarritz ... | 30.27 | 39 | N | 3 | C | 29.95 | - 0.34 | 41 | 37 | + 13 | S | 5 | C | 4 | 45 | ? | - | |
| Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Brussels ... | * | * | * | * | * | 29.63 | - 0.49 | 36 | 35 | 0 | SW | 1 | C | * | 43 | 36 | 0.12 | |
| Charleville ... | ? 29.89 | 36 | E | 1 | O | ? 29.68 | - 0.52 | 35 | 31 | + 7 | WNW | 4 | O | * | 36 | 28 | - | |
| Paris ... | 30.07 | 41 | ? | 1 | O | 29.74 | - 0.53 | 39 | 37 | + 2 | Z | 0 | bc | * | * | * | 0.08 | |
| Lyons ... | 30.12 | 33 | NW | 3 | bc | 29.86 | - 0.33 | 32 | 31 | + 1 | S | 3 | OS | * | 38 | 31 | 0.04 | |
| Toulon ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| Belmullet ... | 30.33 | 46 | N | 4 | O | 30.28 | - 0.24 | 43 | 43 | - 3 | NE | 4 | C | * | ? 49 | 42 | 0.05 | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred^r Dangerfield Esq. London.

WEATHER CHARTS

for 8 a.m. on Friday 21st November 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

→ = forces 5 to 7; → = forces 1 to 4;

○ = dead calm.

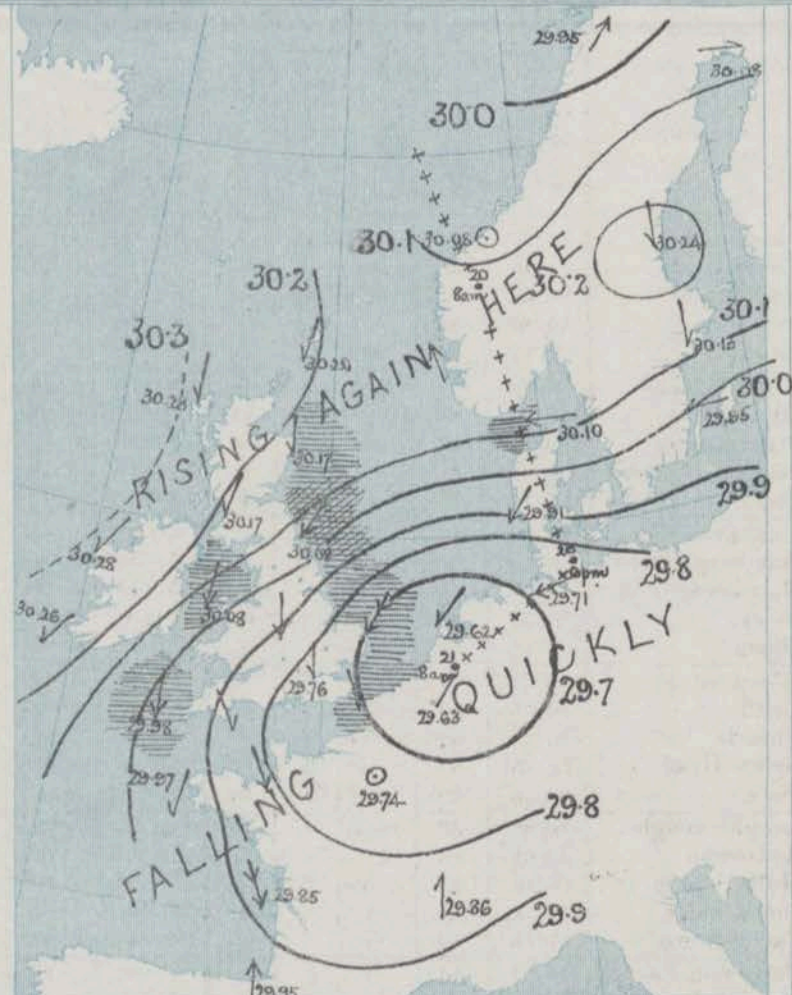
Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.724 |
| Stornoway. | 29.765 |
| Wick. | 29.767 |
| Nairn. | 29.766 |
| Aberdeen. | 29.782 |
| Leith. | 29.820 |
| Shields. | 29.836 |
| York. | 29.847 |
| Ardrossan. | 29.824 |
| Donaghadee. | 29.837 |
| Holyhead. | 29.846 |
| Liverpool. | 29.862 |
| Valencia. | 29.840 |
| Roche's Point. | 29.876 |
| Pembroke. | 29.867 |
| Silly. | 29.889 |
| Hurst Castle. | 29.885 |
| Dover. | 29.882 |
| LONDON. | 29.885 |
| Oxford. | 29.893 |
| Cambridge. | 29.878 |
| Yarmouth. | 29.855 |



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

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

Weather is shown by Letters of the Beaufort Scale.

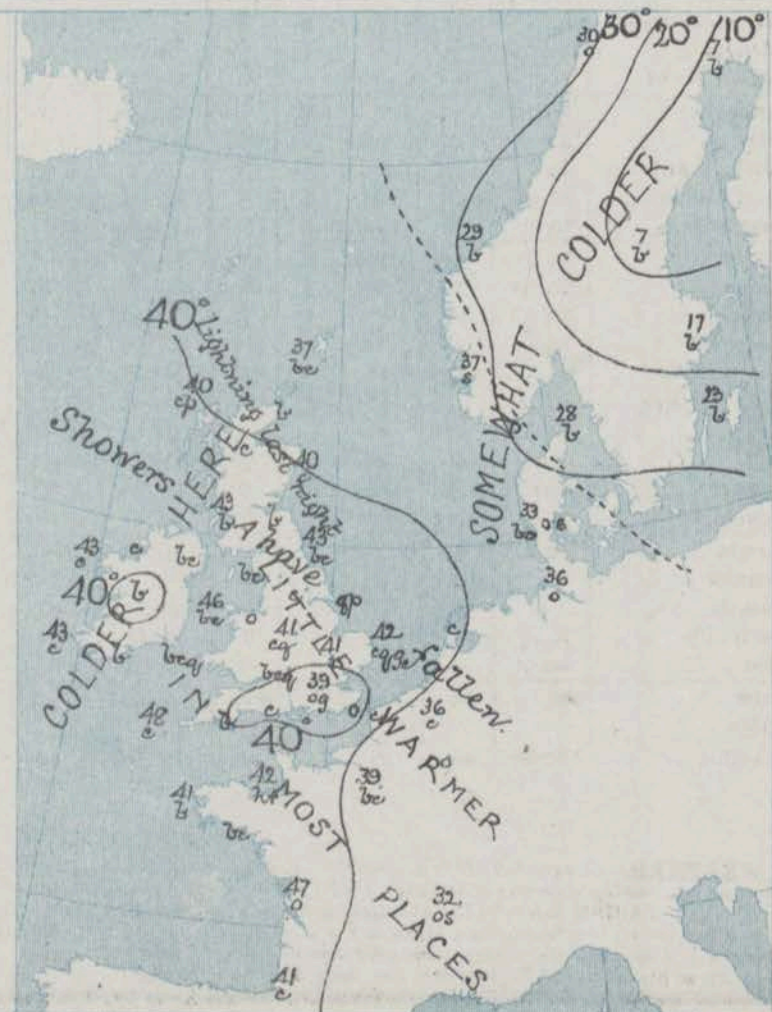
Rainfall A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 41.0 | 39.4 | 4.25 |
| Stornoway. | 40.2 | 38.1 | 4.53 |
| Wick. | 40.8 | 39.2 | 3.14 |
| Nairn. | 39.9 | 37.2 | 2.35 |
| Aberdeen. | 40.2 | 38.3 | 3.22 |
| Leith. | 40.9 | 39.4 | 2.16 |
| Shields. | 41.3 | 39.7 | 3.01 |
| York. | 39.7 | 38.4 | 2.37 |
| Ardrossan. | 42.2 | 39.8 | 3.85 |
| Donaghadee. | 42.5 | 41.3 | 3.03 |
| Holyhead. | 45.1 | 43.3 | 3.61 |
| Liverpool. | 47.4 | 39.8 | 2.53 |
| Valencia. | 46.8 | 44.6 | 5.19 |
| Roche's Point. | 45.3 | 43.6 | 4.24 |
| Pembroke. | 46.2 | 44.2 | 3.88 |
| Silly. | 49.6 | 47.4 | 3.79 |
| Hurst Castle. | 44.7 | 43.1 | 2.87 |
| Dover. | 43.6 | 41.3 | 3.79 |
| LONDON. | 41.3 | 39.9 | 2.67 |
| Oxford. | 40.5 | 39.2 | 2.09 |
| Cambridge. | 39.6 | 38.8 | 1.85 |
| Yarmouth. | 42.6 | 41.6 | 3.31 |

Note — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1865—80.



REMARKS.

for FRIDAY 21st November.

1884, at 8 a.m.

The depression which lay over the west of Norway yesterday after travelling south south-eastward to the south of Denmark has moved in a south westerly direction and is now found over the Netherlands. In its rear a decided recovery of pressure has taken place on our northern coasts, but at our southern and the French stations the barometer still falls briskly. The wind is E³ in Denmark, but NE³ in our Islands, and N² over the Channel and France. In force it is fresh or strong in most places, with a fresh gale at Spurn Head and Yarmouth. During yesterday gales from the N² were felt on many parts of our northern and north-western coasts. The weather is at present fair in the west and north of our Islands, but cloudy and showery in the south and east, as well as in the north of France. During yesterday cold showers fell generally, and in the evening lightning was seen at many of the northern stations, while a thunderstorm occurred in the Midlands. Temperature has fallen a little in the west and north, but risen slightly elsewhere, and reading 48° at Scilly to 37° in the Shetlands and 33° at Paris. The sea is high at Shields, and rough on all the more exposed parts of our coast.

The depression over the Netherlands will probably move south-westward over France, and strong winds or gales from the north-eastward are probable on the Channel coast.

FORECASTS

For the 24 hours ending at NOON on 22nd November. 1884.

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

DISTRICTS.

FORECASTS.

- | | |
|-------------------------|--|
| 0 { SCOTLAND NORTH | NE ² Winds, moderate or fresh; fair on the whole, but some showers. |
| 1 { SCOTLAND EAST | ----- D ⁰ ----- D ⁰ ----- D ⁰ ----- |
| 2 { ENGLAND N.E. | NE ² Winds, strong; changeable; some showers. |
| 3 { ENGLAND EAST | Same as No 5 |
| 4 { MIDLAND COUNTIES | Same as No 5 |
| 5 { ENGLAND SOUTH | NE ² strong winds or gales; changeable, some showers. |

DISTRICTS.

FORECASTS.

- | | |
|-----------------------|--|
| 6 { SCOTLAND WEST | Same as No 0 and 1 |
| 7 { ENGLAND N.W. | Same as No 2 |
| 8 { ENGLAND S.W. | Same as No 5 |
| 9 { IRELAND NORTH | NE ² Winds, fresh or strong; fair on the whole, but some showers. |
| 10 { IRELAND SOUTH | ----- D ⁰ ----- D ⁰ ----- D ⁰ ----- |
| WARNINGS | The north cone has been hoisted this morning in district 5, and is still up in districts 3 and 7 to 9. |

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

| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|---|---|
| Skudesnaes | 29.63 | 38 | 36 | NNW | 2 | 0 | 3 | Valencia | 30.44 | 48 | 45 | N | 4 | 0 | 4 |
| Sumburgh Head | 29.89 | 39 | 39 | N | 5 | 1 | 5 | Scilly | 30.28 | 46 | 44 | NNW | 6 | 0 | 5 |
| Stornoway | 30.23 | 40 | 39 | N | 6 | 0 | 4 | Dungeness | 30.02 | 43 | 40 | NW | 3 | 0 | 2 |
| Aberdeen | 29.97 | 39 | 38 | NNW | 7 | 1 | 4 | London | 30.02 | 46 | 43 | NW | 3 | 0 | 1 |
| Shields | 29.98 | 43 | 42 | N | 6 | 6 | 6 | Yarmouth | 29.90 | 42 | 41 | NNW | 4 | 0 | 4 |
| Ardrossan | 30.09 | 46 | 41 | NW | 4 | C | 3 | Jersey | 30.18 | 45 | 44 | NW | 3 | 0 | 3 |
| Mullaghmore | 30.32 | 46 | 44 | NNW | 6 | 0 | 5 | Rochefort | 30.33 | 46 | 42 | NE | 3 | 0 | 2 |
| Holyhead | 30.13 | 49 | 45 | NNW | 8 | C | 6 | | | | | | | | |
| Belmullet | 30.37 | 49 | 48 | NNW | 4 | 0 | 5 | | | | | | | | |

REMARKS.

The barometer continues to fall at all stations excepting Sumburgh Head - quickly in the S.E. of Eng. Land. Strong winds or moderate gales from the N^W are reported over the N^W parts of the Kingdom, but in the S the wind is moderate or fresh from NW. Cloudy, showery weather prevails in most places. The sea is rough on the more exposed parts of our coasts.

DAILY WEATHER REPORT

for *Saturday* 22nd Nov^r 1884.

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

| | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|------------------------------------|-----------------|-------|------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|------------------|----------------|-------------|------|---------------------|------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (6 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 | 29.79 | 10 | 2 | 0 | bc | 29.63 | -.45 | 18 | 18 | + 11 | NW | 2 | c | • | ? | 1 | - | |
| Hernösand ... | 29.95 | 14 | 2 | 0 | bc | 29.71 | -.53 | 14 | 13 | + 7 | 2 | 0 | bc | • | 16 | 3 | - | |
| Stockholm ... | 30.06 | 13 | NW | 2 | bc | 29.85 | -.28 | 16 | 13 | - 1 | S | 2 | bc | • | 41 | 10 | - | |
| Wisby ... | 29.91 | 27 | E | 4 | bc | 29.84 | -.11 | 27 | 26 | + 4 | ESE | 4 | 0 | • | 30 | 21 | - | |
| Bodö ... | 29.68 | 32 | N | 2 | bc | 29.70 | -.25 | 30 | 27 | 0 | NNE | 4 | bc | • | 32 | 25 | - | |
| Christiansund ... | 29.89 | 33 | WSW | 6 | bc | 29.78 | -.30 | 36 | 33 | + 7 | NW | 4 | bc | • | 36 | 25 | 0.24 | |
| † Skudesnaes ... | 30.08 | 33 | SE | 6 | bc | 29.83 | -.28 | 36 | 36 | - 1 | E | 4 | n | • | 37 | ? | - | |
| Oxö (Xiansund) ... | 30.12 | 30 | NW | 2 | 0 | 29.81 | -.32 | 33 | 31 | + 3 | W | 4 | c | • | ? | 28 | - | |
| Skagen (The Skaw) | 30.13 | 29 | E | 2 | bc | 29.82 | -.28 | 28 | 27 | 0 | SW | 4 | 0 | • | ? | 25 | 0.04 | |
| Fanö ... | 30.09 | 24 | NE | 4 | bc | 29.96 | + .05 | 29 | 28 | - .4 | W | 2 | c | • | 34 | 21 | - | |
| Cuxhaven ... | 29.77 | 34 | NE | 6 | c | 30.05 | + .34 | 31 | 30 | - 5 | NE | 2 | bc | • | ? | 28 | - | |
| † Sumburgh Head ... | 30.17 | 39 | NE | 1 | bc | 30.05 | -.15 | 38 | 37 | + 1 | N | 3 | bc | • | 41 | 35 | 0.05 | |
| † Stornoway ... | 30.31 | 39 | N | 3 | bc | 30.24 | -.04 | 43 | 42 | + 3 | NW | 3 | cp | • | 44 | 35 | 0.05 | |
| Wick ... | 30.20 | 42 | NW | 2 | bc | 30.10 | -.11 | 41 | 39 | - 1 | NW | 3 | cp | • | 42 | 34 | 0.07 | |
| Nairn ... | 30.26 | 40 | NW | 3 | bc | 30.19 | -.02 | 42 | 41 | + 1 | NW | 3 | 0 | • | 43 | 36 | - | |
| † Aberdeen ... | 30.21 | 39 | NNW | 3 | bc | 30.12 | -.05 | 41 | 39 | + 1 | NW | 4 | cp | • | 43 | 36 | 0.03 | |
| Leith ... | 30.22 | 38 | NE | 1 | bc | 30.17 | + .02 | 34 | 31 | - 7 | NW | 1 | bc | • | 43 | 34 | 0.01 | |
| † Shields ... | 30.19 | 42 | N | 1 | c | 30.14 | + .06 | 35 | 34 | - 8 | W | 2 | bc | • | 44 | 33 | 0.08 | |
| Spurn Head ... | 30.09 | 43 | NE | 6 | bc | 30.10 | + .24 | 39 | 39 | - 3 | NW | 4 | c | • | 43 | 36 | 0.02 | |
| York ... | 30.17 | 39 | N | 1 | bc | 30.16 | + .16 | 36 | 35 | - 5 | W | 1 | c | • | 43 | 32 | - | |
| Loughborough ... | 30.11 | 39 | NNE | 4 | 0 | 30.17 | + .31 | 33 | 32 | - 8 | NW | 2 | 0 | • | 42 | 32 | - | |
| † Ardrossan ... | 30.26 | 40 | NNE | 1 | bc | 30.22 | + .05 | 37 | 35 | - 6 | NW | 2 | bc | • | 45 | 30 | - | |
| † Mullaghmore ... | 30.29 | 44 | E | 1 | bc | 30.31 | + .06 | 41 | 40 | - 2 | NW | 1 | c | • | 47 | 39 | - | |
| Donaghadee ... | 30.27 | 45 | NNE | 6 | bc | 30.25 | + .10 | 37 | 36 | - 9 | NW | 2 | bc | • | 47 | 35 | 0.02 | |
| Parsonstown ... | 30.28 | 37 | NNW | 1 | bc | 30.34 | + .07 | 23 | 22 | - 10 | W | 0 | bc | • | 45 | 22 | - | |
| Barrow-in-Furness | 30.15 | 38 | N | 2 | bc | 30.20 | + .15 | 36 | 34 | - 6 | N | 2 | bc | • | 45 | 36 | - | |
| † Holyhead ... | 30.22 | 44 | NE | 4 | bc | 30.24 | + .16 | 44 | 40 | - 2 | NNE | 3 | bc | • | 47 | 40 | 0.07 | |
| Liverpool (Bidston) | 30.19 | 38 | NNE | 2 | bc | 30.21 | + .18 | 38 | 36 | - 3 | N | 1 | bc | • | 43 | 36 | - | |
| † Valencia ... | 30.28 | 42 | NE | 3 | bc | 30.35 | + .09 | 34 | 34 | - 9 | NW | 1 | bc | • | 48 | 32 | - | |
| Roche's Point .. | 30.23 | 42 | N | 3 | bc | 30.29 | + .12 | 38 | 36 | - 3 | N | 3 | bc | • | 49 | 36 | - | |
| Pembroke ... | 30.14 | 44 | NE | 4 | c | 30.23 | + .26 | 40 | 38 | - 6 | NNE | 1 | c | • | 46 | 35 | - | |
| † Scilly ... | 30.05 | 48 | NE | 6 | c | 30.21 | + .23 | 45 | 41 | - 3 | NE | 4 | c | • | 50 | 44 | 0.06 | |
| Prawle Point ... | 29.99 | 41 | NNE | 5 | bc | 30.18 | + .31 | 34 | 33 | - 6 | NNE | 3 | bc | • | 47 | 35 | - | |
| Hurst Castle ... | 29.94 | 41 | NNE | 6 | bc | 30.13 | + .35 | 34 | 33 | - 6 | NNE | 3 | c | • | 45 | 32 | - | |
| † Dungeness ... | 29.83 | 41 | ESE | 5 | ph | 30.07 | + .38 | 38 | 37 | + 1 | ESE | 5 | n | • | 44 | 35 | 0.29 | |
| † London ... | 29.99 | 40 | NNE | 5 | bc | 30.13 | + .37 | 37 | 36 | - 2 | NNE | 2 | 0 | • | 43 | 34 | 0.04 | |
| Oxford ... | 30.09 | 37 | N | 7 | 0 | 30.16 | + .34 | 35 | 33 | - 5 | N | 2 | bc | • | 44 | 34 | - | |
| Cambridge ... | 30.03 | 36 | N | 3 | bc | 30.14 | + .37 | 34 | 34 | - 7 | N | 1 | 0 | • | 43 | 31 | 0.01 | |
| † Yarmouth ... | 29.97 | 42 | ESE | 9 | ph | 30.08 | + .39 | 38 | 38 | - 4 | NW | 2 | bc | • | 44 | 36 | 0.03 | |
| The Helder ... | 30.00 | 38 | NE | 5 | c | 30.07 | + .41 | 31 | 30 | - 10 | SE | 1 | bc | • | 43 | 30 | - | |
| Cape Griz Nez ... | 29.76 | 38 | NE | 8 | n | 30.01 | + .36 | 38 | 33 | - 8 | ESE | 4 | bc | • | 45 | 32 | 0.20 | |
| † Jersey ... | 29.53 | 46 | NNE | 7 | bc | 30.07 | + .28 | 41 | 37 | - 1 | NE | 6 | bc | • | 46 | 38 | 0.13 | |
| Brest ... | 29.84 | 43 | NE | 7 | bc | 30.09 | + .12 | 40 | 38 | - 1 | NE | 9 | 0 | • | 48 | 39 | 0.04 | |
| Lorient ... | 29.88 | 45 | NNE | 8 | bc | 30.07 | + .17 | 39 | 38 | - 5 | NNE | 7 | c | • | 50 | 36 | - | |
| † Rochefort ... | 29.85 | 45 | N | 8 | c | 30.00 | + .15 | 38 | 37 | - 9 | NE | 8 | 0 | • | 52 | 32 | - | |
| Biarritz ... | 29.84 | 43 | S | 4 | bc | 29.84 | -.11 | 43 | 39 | + 2 | NE | 4 | 0 | • | 54 | 39 | 0.18 | |
| Corunna ... | • | • | • | • | • | 30.04 | + .41 | 28 | 27 | - 8 | NE | 1 | bc | • | 40 | 27 | 0.04 | |
| Brussels ... | • | • | • | • | • | 30.04 | + .25 | 32 | 30 | - 3 | E | 7 | 0 | • | 37 | 31 | - | |
| Charleville ... | 29.75 | 34 | NW | 4 | 0 | 29.93 | + .28 | 34 | 33 | - 5 | NW | 4 | 0 | • | • | • | 0.24 | |
| Paris ... | 29.74 | 36 | NW | 5 | 0 | 30.02 | + .28 | 34 | 33 | - 5 | NW | 4 | 0 | • | • | • | - | |
| Lyons ... | 29.75 | 35 | NW | 1 | n | 29.82 | -.04 | 32 | 31 | 0 | NW | 1 | 0 | • | 39 | 32 | 0.32 | |
| Toulon ... | 29.83 | 45 | N | 3 | m | 29.84 | -.04 | 36 | 34 | • | W | 3 | bc | • | ? | 36 | 0.16 | |
| Belmillet ... | 30.32 | 45 | ESE | 2 | 0 | 30.33 | + .05 | 40 | 39 | - 3 | NW | 1 | bc | • | 47 | 39 | 0.14 | |

EXPLANATION OF COLUMNS.

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

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Fred^d Dargertield Ltd. London.

WEATHER

CHARTS

for 8 a.m. on *Saturday, 22nd November*

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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;
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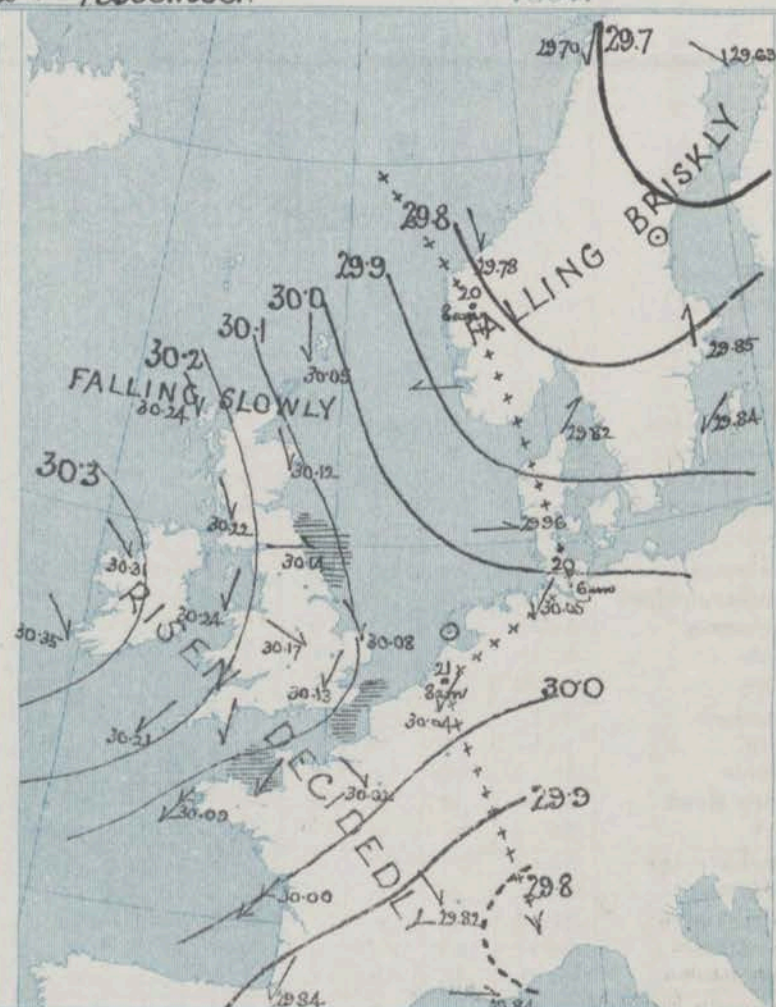
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▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
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| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrrossan | 29.824 |
| Donaghadee | 29.832 |
| Islayhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roch's Point | 29.875 |
| Pembroke | 29.867 |
| Sally | 29.899 |
| Hurst Castle | 29.885 |
| Dover | 29.887 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

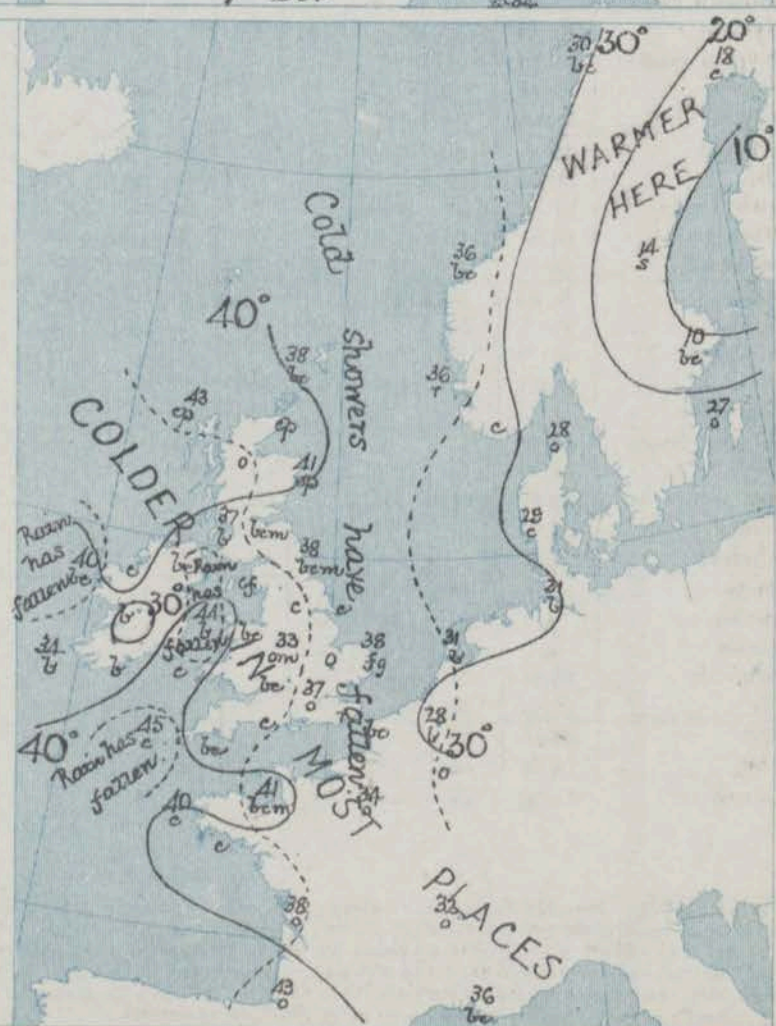
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.4 | 5.16 |
| Stornoway | 40.3 | 39.1 | 4.38 |
| Wick | 40.6 | 39.2 | 3.14 |
| Nairn | 39.8 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.18 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrrossan | 42.2 | 39.8 | 3.85 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Islayhead | 45.1 | 43.3 | 3.51 |
| Liverpool | 41.5 | 39.6 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.19 |
| Roch's Point | 45.3 | 43.6 | 4.24 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Sally | 49.6 | 47.4 | 3.79 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.6 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.95 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Saturday 22nd November.

1884, at 8 a.m.

The depression which lay over the Netherlands yesterday appears to have moved southward, and the barometer has risen decidedly in the south of our Islands and the west and north of France. In the meantime, however, a new and large depression has appeared over Scandinavia, so that the barometer is again falling in Norway, Sweden and Scotland. The highest pressures are still found over Ireland. NE^{1/2} winds are reported over the Channel and the Bay of Biscay, but on our northern coasts the wind has backed to NW, while on the eastern shore of the North Sea it is W^{1/2} or SW^{1/2}. In the west of France strong winds or gales are still blowing, but elsewhere the wind is moderate. Rain is falling at Skiduness, snow at Hmorsand, and showers in the east of Scotland, but at our southern stations the weather has improved. During yesterday cold showers fell in many parts of the country. Temperature has fallen in most places of the country. Temperature has fallen in most places, and readings range from 45° at Scilly to 23° at Parsonstown. Frost occurred last night at the inland stations; at Doughtyborough the thermometer on the grass fell to 25°. The sea is rather rough at Shields, Dumbfries and Jersey, moderate to smooth elsewhere.

The depression over Scandinavia is likely to move southward, and a renewal of squally weather may therefore be expected on the North Sea coast.

FORECASTS

for the 24 hours ending at NOON on 23rd November. 1884.

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|--|--------------------|---|
| 0 { SCOTLAND NORTH | NW ^{1/2} and N ^{1/2} winds, freshening, considerably; changeable, some cold showers. | 6 { SCOTLAND WEST | NW ^{1/2} winds, freshening, showery |
| 1 { SCOTLAND EAST | -----D-----D-----D----- | 7 { ENGLAND N.W. | -----D-----D-----D----- |
| 2 { ENGLAND N.E. | -----D-----D-----D----- | 8 { ENGLAND S.W. | N ^{1/2} and NE ^{1/2} winds, moderate; fair generally. |
| 3 { ENGLAND EAST | Same as No 5 | 9 { IRELAND NORTH | Same as No 6 and 7. |
| 4 { MIDLAND COUNTIES | Same as No 5. | 10 { IRELAND SOUTH | Same as No 8. |
| 5 { ENGLAND SOUTH | N ^{1/2} to NW ^{1/2} winds, moderate; fair to unsettled and some showers. | WARNINGS | The H. cone has been lowered this morning in district 5. |

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-----|---|
| Skudesnaes | 30.10 | 35 | 32 | SSE | 6 | S | 5 | Valencia | 30.24 | 47 | 44 | NE | 3 | C | 3 |
| Sumburgh Head | 30.20 | 40 | 38 | ENE | 2 | C | 3 | Scilly | 29.99 | 49 | 43 | ENE | 7 | C | 6 |
| Stornoway | 30.30 | 43 | 42 | N | 3 | C | 2 | Dungeness | 29.71 | 42 | 41 | ESE | 4 | N | 3 |
| Aberdeen | 30.21 | 43 | 40 | N | 4 | bc | 6 | London | 29.83 | 43 | 40 | NE | 8 | O G | * |
| Shields | 30.15 | 44 | 42 | NE | 3 | bc | 7 | Yarmouth | 29.85 | 43 | 41 | ESE | 8 | C G | 6 |
| Ardrossan | 30.23 | 44 | 40 | ENE | 1 | bc | 0 | Jersey | 29.78 | 45 | 42 | ENE | 7 | C | 5 |
| Mullaghmore | 30.27 | 46 | 44 | N | 4 | CV | 3 | Rochefort | 29.85 | 46 | 42 | N | 7 | C | 2 |
| Holyhead | 30.15 | 46 | 40 | NE | 7 | C G | 5 | | | | | | | | |
| Belmullet | 30.27 | 46 | 44 | ENE | 3 | bc | 2 | | | | | | | | |

REMARKS.

The depression of this morning appears to be filling up over France and the barometer is rising in most places. Fresh NW gales are blowing in the south east of England and moderate gales on our western coasts. The weather is fair in the west and north, but cloudy in the south east, with rain at Dungeness. The sea is rough on most parts of the English coast.

DAILY WEATHER REPORT

for *Sunday* 23rd Nov^r 1884.

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

| † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|----------------------|---|--------------------|-------|---------------------|---------|---|---|-------------|------|---|-------|---------------------|-------------------|-------------|------|----------------|---------------------------|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | | | |
| | | | 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 | 29.71 | 11 | Z | 0 | c | 29.73 | + .10 | 6 | 6 | — 12 | N | 2 | c | * | 27 | ? | 0.04 | |
| Hernösand ... | 29.76 | 19 | N | 2 | bc | 29.80 | + .09 | 17 | 15 | + 3 | Z | 0 | b | * | 19 | 7 | — | |
| Stockholm ... | 29.71 | 25 | SW | 2 | c | 29.68 | — .17 | 22 | 21 | + 6 | N | 2 | o | * | 27 | 10 | 0.04 | |
| Wisby ... | 29.72 | 31 | N | 6 | b | 29.66 | — .18 | 29 | 29 | + 2 | S | 1 | s | * | 32 | ? | 0.08 | |
| Bodö ... | 29.79 | 22 | NNE | 2 | o | 29.68 | — .02 | 21 | 18 | — 9 | ENE | 2 | o | 1 | 30 | 14 | — | |
| Christiansund ... | 29.87 | 36 | NNE | 5 | c | 29.88 | + .05 | 32 | 32 | — 4 | N | 4 | o | 4 | 36 | 28 | 0.12 | |
| † Skudesnaes ... | 29.90 | 39 | NNW | 6 | b | 29.94 | + .11 | 31 | 28 | — 5 | NNW | 2 | b | 3 | 36 | ? | — | |
| Oxö (Xiansund) ... | 29.78 | 34 | N | 4 | b | 29.89 | + .08 | 29 | 26 | — 4 | NW | 4 | b | 3 | 37 | 28 | — | |
| Skagen (The Skaw) | 29.74 | 34 | NNE | 4 | b | 29.82 | + .08 | 32 | 30 | + 4 | NNE | 4 | b | 4 | 34 | 27 | — | |
| Fanö ... | 29.67 | 34 | NW | 3 | c | 29.86 | — .10 | 28 | 27 | — 1 | NNW | 3 | b | * | 29 | 28 | 0.08 | |
| Cuxhaven ... | 29.91 | 28 | SW | 4 | s | 29.86 | — .19 | 34 | 30 | + 3 | NNE | 5 | b | * | 37 | ? | — | |
| † Sumburgh Head | 30.10 | 37 | N | 4 | b | 30.10 | + .05 | 37 | 34 | — 1 | N | 4 | b | 3 | 41 | 34 | — | |
| † Stornoway ... | 30.23 | 40 | NNW | 3 | bc | 30.19 | — .05 | 35 | 34 | — 8 | NNW | 2 | b | 1 | 44 | 32 | 0.14 | |
| Wick ... | 30.13 | 40 | N | 3 | bc | 30.13 | + .03 | 32 | 30 | — 9 | NW | 2 | b | 1 | 42 | 30 | — | |
| Nairn ... | 30.20 | 40 | NW | 1 | o | 30.17 | — .02 | 37 | 36 | — 5 | SW | 1 | c | 2 | 44 | 37 | 0.03 | |
| † Aberdeen ... | 30.14 | 39 | NNW | 4 | r | 30.14 | + .02 | 36 | 34 | — 5 | NNW | 3 | bc | 2 | 43 | 35 | 0.05 | |
| Leith ... | 30.16 | 38 | NW | 1 | b | 30.17 | — .00 | 34 | 30 | — 0 | NNW | 1 | b | * | 45 | 32 | — | |
| † Shields ... | 30.12 | 40 | NW | 4 | b | 30.13 | — .01 | 36 | 35 | + 1 | NW | 2 | c | 4 | 43 | 34 | 0.11 | |
| Spurn Head ... | 30.04 | 42 | NW | 5 | b | 30.09 | — .04 | 35 | 32 | — 1 | NW | 5 | bc | 5 | 42 | 37 | 0.18 | |
| York ... | 30.13 | 41 | NNW | 1 | o | 30.15 | — .01 | 38 | 32 | — 3 | NW | 1 | b | * | 44 | 32 | — | |
| Loughborough... | 30.14 | 40 | NNW | 3 | o | 30.15 | — .02 | 32 | 31 | — 1 | NNW | 2 | b | * | 43 | 31 | — | |
| † Ardrossan ... | 30.19 | 44 | NW | 1 | b | 30.18 | — .04 | 37 | 36 | — 0 | Z | 0 | of | 0 | 46 | 34 | — | |
| † Mullaghmore ... | 30.30 | 44 | N | 3 | c | 30.23 | — .08 | 44 | 43 | + 3 | NNW | 4 | of | 3 | 45 | 40 | — | |
| Donaghadee ... | 30.24 | 46 | N | 3 | bc | 30.20 | — .05 | 41 | 41 | + 4 | N | 2 | r | 1 | 48 | 36 | 0.22 | |
| Parsonstown ... | 30.33 | 35 | Z | 0 | b | 30.28 | — .06 | 36 | 35 | + 13 | Z | 0 | og | * | 40 | 22 | — | |
| Barrow-in-Furness | 30.18 | 42 | NNE | 2 | o | 30.15 | — .05 | 35 | 34 | — 1 | NNE | 1 | bc | 2 | 44 | 34 | — | |
| Holyhead ... | 30.21 | 46 | NNW | 4 | o | 30.19 | — .05 | 45 | 44 | + 1 | N | 2 | r | 2 | 47 | 43 | 0.29 | |
| Liverpool (Bidston) | 30.18 | 43 | NNW | 2 | o | 30.19 | — .02 | 38 | 35 | — 0 | NNE | 1 | c | 1 | 45 | 38 | — | |
| Valencia ... | 30.35 | 45 | N | 2 | c | 30.21 | — .04 | 36 | 36 | + 2 | Z | 0 | bc | 1 | 49 | 34 | — | |
| Roche's Point .. | 30.22 | 42 | N | 4 | c | 30.28 | — .01 | 40 | 38 | + 2 | NNW | 2 | b | 3 | 47 | 38 | — | |
| Pembroke ... | 30.23 | 43 | NE | 2 | b | 30.21 | — .02 | 45 | 43 | + 5 | N | 3 | bc | 2 | 46 | 38 | 0.13 | |
| † Scilly ... | 30.24 | 46 | NNE | 3 | o | 30.23 | + .02 | 49 | 46 | + 4 | NNW | 4 | o | 4 | 49 | 43 | 0.02 | |
| Prawle Point ... | 30.23 | 37 | NNW | 2 | b | 30.22 | + .04 | 37 | 35 | + 3 | NNW | 1 | b | 1 | 49 | 33 | — | |
| Hurst Castle ... | 30.17 | 39 | NNE | 2 | m | 30.17 | + .04 | 36 | 32 | — 1 | NNW | 2 | b | 3 | 48 | 32 | — | |
| † Dungeness ... | 30.10 | 37 | N | 2 | m | 30.08 | + .01 | 34 | 30 | — 4 | NNW | 3 | b | 2 | 44 | 34 | — | |
| London... | 30.11 | 39 | NW | 2 | c | 30.14 | + .01 | 34 | 33 | — 3 | NW | 2 | b | * | 41 | 34 | — | |
| Oxford ... | 30.15 | 39 | NW | 1 | o | 30.16 | — .00 | 32 | 31 | — 3 | NW | 1 | bm | * | 40 | 32 | — | |
| Cambridge ... | 30.10 | 38 | N | 1 | o | 30.11 | — .03 | 33 | 32 | — 1 | N | 1 | o | * | 41 | 32 | — | |
| Yarmouth ... | 30.01 | 40 | NW | 3 | r | 30.03 | — .05 | 35 | 37 | — 0 | NNW | 2 | of | 4 | 42 | 36 | 0.21 | |
| The Helder ... | 29.88 | 43 | NNW | 3 | c | 29.93 | — .14 | 39 | 37 | + 8 | NNE | 3 | c | 3 | 43 | 30 | 0.08 | |
| Cape Griz Nez... | 30.03 | 41 | N | 4 | o | 29.99 | — .02 | 41 | 39 | + 8 | N | 7 | c | 5 | 43 | 22 | — | |
| † Jersey ... | 30.16 | 42 | NE | 3 | o | 30.18 | + .11 | 45 | 39 | + 4 | NNE | 3 | og | 3 | 45 | 41 | — | |
| Brest ... | 30.21 | 44 | NNE | 4 | o | 30.23 | + .16 | 44 | 41 | + 5 | N | 5 | c | 2 | 48 | 36 | — | |
| † Rochefort ... | 30.15 | 37 | ENE | 4 | bc | 30.22 | + .30 | 40 | 37 | + 2 | NW | 3 | o | 2 | 48 | 37 | — | |
| Biarritz ... | 30.06 | 39 | E | 4 | b | 30.19 | + .35 | 33 | 32 | — 10 | E | 3 | b | 2 | 45 | 30 | 0.04 | |
| Corunna ... | • | • | • | • | • | 30.26 | — | 40 | 40 | — | ESE | 3 | c | 3 | 54 | 34 | — | |
| Brussels ... | • | • | • | • | • | 30.02 | — .02 | 36 | 35 | + 8 | NNW | 1 | b | * | 36 | 27 | 0.08 | |
| Charleville ... | 30.02 | 28 | NE | 1 | b | 29.98 | + .05 | 28 | ? | — 4 | NE | 3 | o | * | 34 | 21 | — | |
| Paris ... | 30.08 | 34 | N | 1 | o | 30.05 | + .03 | 28 | 37 | + 4 | NE | 4 | o | * | • | • | — | |
| Lyons ... | 29.94 | 32 | NNW | 3 | s | 30.06 | + .24 | 25 | 27 | — 4 | NW | 4 | o | * | 35 | 28 | 0.12 | |
| Toulon ... | 29.88 | 41 | NW | 1 | bc | 29.87 | — .03 | 33 | ? | — 3 | NW | 1 | bc | 3 | 46 | 32 | — | |
| † Balmuccia ... | 30.23 | 44 | NW | 2 | o | 30.25 | — .08 | 40 | 40 | — 0 | NW | 1 | c | 4 | 46 | 38 | 0.05 | |

EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on Sunday 23rd Nov^r 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

Sea Disturbance — where considerable is shown thus

▨ = Rough. ▨ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.729 |
| Stornoway. | 29.755 |
| Wick. | 29.767 |
| Nairn. | 29.786 |
| Aberdeen. | 29.782 |
| Leith. | 29.820 |
| Shields. | 29.820 |
| York. | 29.847 |
| Ardrossan. | 29.829 |
| Donaghadee. | 29.822 |
| Holyhead. | 29.845 |
| Liverpool. | 29.862 |
| Valencia. | 29.880 |
| Roche's Point. | 29.875 |
| Pembroke. | 29.867 |
| Scilly. | 29.899 |
| Burk's Castle. | 29.885 |
| Dover. | 29.882 |
| LONDON. | 29.885 |
| Oxford. | 29.888 |
| Cambridge. | 29.878 |
| Yarmouth. | 29.865 |



REMARKS.

for Sunday 23rd November. 1884, at 8 a.m.

The depression which lay over the north of Scandinavia yesterday has moved south-eastwards to the Baltic, but a new though shallow disturbance has appeared off the north-west of Norway. The highest pressures are still reported from our extreme western coasts, but the barometer is falling a little in most parts of the United Kingdom, and readings are becoming more uniform. Light or moderate breezes from N. or NW. prevail generally, with fine weather in most places, but steady rain at Donaghadee and Holyhead and passing showers at Spurn Head. In the course of the past twenty-four hours rain has fallen at a few of our stations, but the showers have not been at all general. Temperature has risen a little on our western coasts, but fallen elsewhere, and readings range from 49° at Lillie, to 32° at Wick, Loughborough and Oxford. The sea is rather rough at Spurn Head, but slight or smooth on other parts of our coasts.

FORECASTS

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

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

None issued

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

issued

None

WARNINGS

None issued

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

| TUESDAYS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|--------------------------------------|-------|------|------|-------|---|------|------|-----------|-------|------|------|-------|---|------|------|
| | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | | Wes. | Sea. |
| Skudesnaes | | | | | | | | Valencia | 30.24 | 48 | 45 | N | 1 | bm | 1 |
| Sumburgh Head | 30.08 | 39 | 37 | N | 4 | C | 3 | Scilly | 30.28 | 47 | 42 | NNW | 4 | c | 3 |
| Stornoway | 30.28 | 44 | 44 | NNW | 3 | r | 2 | Dungeness | 30.09 | 40 | 38 | N | 3 | c | 3 |
| Aberdeen | 30.17 | 40 | 41 | NNW | 4 | b | 3 | London | 30.12 | 41 | 38 | NN | 3 | c | * |
| Shields | 30.11 | 42 | 41 | NN | 4 | a | 5 | Yarmouth | 30.05 | 41 | 40 | NN | 3 | cf | 4 |
| Ardrossan | 30.20 | 46 | 43 | NN | 1 | bc | 1 | Jersey | 30.14 | 44 | 38 | NN | 4 | o | 4 |
| Mullaghmore | 30.31 | 45 | 43 | NNW | 1 | bc | 2 | Rochefort | 30.05 | 43 | 39 | NE | 7 | o | 2 |
| Holyhead | 30.22 | 46 | 42 | NNW | 5 | cq | 4 | | | | | | | | |
| Balmacit | 30.33 | 46 | 45 | NE | 2 | b | 4 | | | | | | | | |

REMARKS.

Very little change has occurred since the morning. The barometer is falling a little in most places, with moderate breeze from N. or NW. and generally fair weather. At Stornoway however, rain is falling. Sea is rather rough at Shields, moderate to smooth elsewhere.

DAILY WEATHER REPORT

for *Monday* *24th Nov.* *1884.*

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

| Issued by the Meteorological Office, 16, Victoria Street, London, W. H. 5557 N. 5557 N. | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------------|-------------|------|----------------|---------------------|--|
| † 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. | | | | |
| | | | 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 | 29.82 | 5 | N | 2 | 0 | 29.84 | + 11 | 3 | 3 | - 3 | 2 | 0 | 6 | * | 12 | 0 | - | |
| Hernösand ... | 29.85 | 7 | 2 | 0 | 0 | 29.94 | + 14 | 10 | 9 | - 7 | NE | 2 | 6 | * | 19 | 3 | - | |
| Stockholm ... | 29.73 | 18 | NW | 6 | 0 | 29.75 | + 07 | 21 | 20 | - 1 | N | 6 | 6 | * | 25 | 16 | 0.02 | |
| Wisby ... | 29.66 | 30 | N | 8 | 3 | 29.71 | + 05 | 30 | 30 | + 1 | N | 4 | 0 | * | 34 | 27 | 0.12 | |
| Bodö ... | 29.82 | 18 | ESE | 2 | 0 | 29.78 | + 10 | 21 | 18 | 0 | ESE | 2 | 0 | * | 21 | 16 | - | |
| Christiansund ... | 29.89 | 29 | NE | 2 | 0 | 29.97 | + 14 | 31 | 30 | - 1 | SW | 3 | 5 | 4 | 34 | 27 | - | |
| †Skudesnaes ... | 29.94 | 30 | NNW | 2 | 0 | 30.03 | + 09 | 26 | 24 | - 5 | ESE | 1 | 6 | 2 | 32 | 27 | - | |
| Oxö (Xiansund) ... | 29.86 | 29 | NNW | 4 | 0 | 29.93 | + 04 | 27 | 24 | - 2 | N | 4 | 6 | 3 | 34 | 28 | - | |
| Skagen (The Skaw) ... | 29.86 | 31 | NE | 2 | 0 | 29.94 | + 12 | 30 | 28 | - 2 | NE | 4 | 6 | * | 34 | 27 | - | |
| Fanö ... | 29.89 | 30 | SSE | 5 | 0 | 29.96 | + 10 | 29 | 29 | + 1 | SSE | 2 | 6 | * | 35 | 33 | - | |
| Cuxhaven ... | 29.94 | 33 | N | 3 | 0 | 29.95 | + 09 | 35 | 35 | + 1 | NNW | 1 | 6 | * | 39 | 31 | - | |
| †Sumburgh Head ... | 30.04 | 37 | N | 3 | 0 | 30.09 | - 01 | 34 | 33 | - 3 | N | 1 | 0 | 1 | 40 | 31 | 0.18 | |
| †Stornoway ... | 30.16 | 35 | NNW | 1 | 0 | 30.14 | - 05 | 37 | 37 | + 2 | NNW | 1 | 6 | 1 | 39 | 28 | 0.04 | |
| Wick ... | 30.09 | 35 | NW | 2 | 0 | 30.14 | + 01 | 30 | 29 | - 2 | NW | 1 | 6 | 1 | 39 | 32 | - | |
| Nairn ... | 30.14 | 36 | SW | 1 | 0 | 30.13 | - 04 | 33 | 32 | - 4 | 2 | 0 | 6 | 1 | 41 | 32 | 0.02 | |
| †Aberdeen ... | 30.11 | 35 | WSW | 2 | 0 | 30.13 | - 01 | 35 | 34 | - 1 | NW | 3 | 6 | 1 | 41 | 32 | - | |
| Leith ... | 30.13 | 35 | NW | 1 | 0 | 30.16 | - 01 | 34 | 30 | 0 | NNW | 1 | 0 | 3 | 42 | 31 | - | |
| †Shields ... | 30.12 | 40 | NW | 2 | 0 | 30.12 | - 01 | 35 | 33 | - 1 | NW | 1 | 0 | * | 42 | 34 | 0.02 | |
| Spurn Head ... | 30.10 | 40 | NW | 4 | 0 | 30.07 | - 02 | 39 | 38 | + 1 | NW | 5 | 0 | 4 | 42 | 27 | - | |
| York ... | 30.14 | 34 | NW | 1 | 0 | 30.12 | - 03 | 32 | 32 | - 1 | NNW | 1 | 0 | * | 43 | 28 | - | |
| Loughborough... | 30.15 | 33 | NW | 1 | 0 | 30.12 | - 03 | 31 | 31 | - 1 | SSW | 1 | 0 | * | 41 | 28 | - | |
| †Ardrossan ... | 30.13 | 37 | NE | 1 | 0 | 30.18 | - 00 | 31 | 30 | - 6 | 2 | 0 | 6 | 0 | 41 | 28 | - | |
| Mullaghmore ... | 30.19 | 43 | WNW | 2 | 0 | 30.19 | - 04 | 40 | 39 | - 4 | E | 1 | 6 | 1 | 46 | 37 | 0.06 | |
| Donaghadee ... | 30.15 | 42 | WSW | 2 | 0 | 30.14 | - 03 | 40 | 37 | - 1 | ESE | 5 | 6 | 3 | 44 | 38 | 0.12 | |
| Parsonstown ... | 30.22 | 40 | 2 | 0 | 0 | 30.21 | - 07 | 35 | 34 | - 1 | 2 | 0 | 0 | * | 44 | 34 | - | |
| Barrow-in-Furness | 30.15 | 39 | ESE | 1 | 0 | 30.11 | - 04 | 34 | 33 | - 1 | NE | 2 | 6 | * | 44 | 33 | - | |
| Holyhead ... | 30.17 | 43 | 2 | 0 | 0 | 30.14 | - 05 | 44 | 41 | - 1 | N | 4 | 0 | 3 | 46 | 41 | 0.34 | |
| Liverpool (Bidston) | 30.15 | 40 | NNE | 1 | 0 | 30.12 | - 07 | 36 | 35 | - 2 | ESE | 1 | 2 | 2 | 42 | 36 | 0.02 | |
| Valencia ... | 30.24 | 42 | WSW | 1 | 0 | 30.22 | - 09 | 39 | 38 | + 3 | 2 | 0 | 0 | 1 | 49 | 34 | 0.13 | |
| Roche's Point .. | 30.25 | 41 | N | 2 | 0 | 30.19 | - 09 | 39 | 38 | - 1 | N | 2 | 6 | 3 | 48 | 36 | - | |
| Pembroke ... | 30.19 | 45 | WNW | 3 | 0 | 30.13 | - 08 | 45 | 42 | 0 | NW | 3 | 0 | 2 | 48 | 42 | - | |
| Scilly ... | 30.21 | 48 | NNW | 4 | 0 | 30.15 | - 08 | 45 | 44 | - 4 | NNW | 3 | 0 | 4 | 49 | 44 | 0.03 | |
| Prawle Point ... | 30.21 | 45 | NW | 1 | 0 | 30.15 | - 07 | 41 | 40 | + 4 | WNW | 1 | 0 | 1 | 47 | 35 | - | |
| Hurst Castle ... | 30.19 | 37 | N | 1 | 0 | 30.11 | - 06 | 38 | 38 | + 5 | NW | 2 | 0 | 2 | 45 | 32 | 0.03 | |
| †Dungeness ... | 30.13 | 37 | N | 2 | 0 | 30.11 | + 03 | 32 | 31 | - 2 | N | 1 | 0 | 1 | 43 | 29 | - | |
| London ... | 30.15 | 37 | WNW | 1 | 0 | 30.11 | - 03 | 32 | 32 | - 2 | SW | 1 | 0 | * | 41 | 28 | - | |
| Oxford ... | 30.17 | 32 | 2 | 0 | 0 | 30.12 | - 04 | 34 | 34 | + 2 | ESE | 1 | 0 | * | 43 | 30 | 0.02 | |
| Cambridge ... | 30.14 | 36 | N | 1 | 0 | 30.11 | - 00 | 30 | 30 | - 3 | W | 1 | 0 | * | 43 | 26 | - | |
| Yarmouth ... | 30.09 | 36 | WNW | 3 | 0 | 30.06 | + 03 | 32 | 31 | - 6 | WNW | 3 | 0 | 3 | 44 | 29 | - | |
| The Helder ... | 30.02 | 40 | WNW | 1 | 0 | 30.00 | + 07 | 38 | 37 | - 1 | WSW | 1 | 0 | 2 | 41 | 36 | 0.08 | |
| Cape Griz Nez... | 30.10 | 41 | N | 5 | 0 | 30.08 | + 09 | 41 | 38 | 0 | NNW | 5 | 0 | 4 | 45 | 37 | - | |
| Jersey ... | 30.19 | 45 | N | 2 | 0 | 30.13 | - 06 | 45 | 44 | 0 | NNW | 2 | 0 | 2 | 46 | 43 | 0.36 | |
| Brest ... | 30.19 | 45 | NE | 3 | 0 | 30.18 | - 07 | 47 | 47 | - 1 | N | 4 | 0 | 3 | 50 | 45 | 0.12 | |
| Lorient ... | 30.24 | 46 | NNE | 4 | 0 | 30.20 | - 03 | 46 | 44 | + 2 | 2 | 1 | 0 | 3 | 50 | 37 | - | |
| †Rochefort ... | 30.1 | 45 | N | 5 | 0 | 30.29 | + 09 | 37 | 37 | - 3 | S | 4 | 6 | 3 | 36 | 36 | 0.04 | |
| Biarritz ... | 30.26 | 41 | ? | 1 | 0 | 30.26 | + 07 | 38 | ? | 0 | S | 3 | 0 | 1 | 57 | 30 | 0.04 | |
| Corunna ... | ? | ? | ? | ? | ? | 30.09 | + 07 | 35 | 34 | - 1 | WSW | 3 | 0 | * | 41 | 34 | 0.04 | |
| Brussels ... | ? | ? | ? | ? | ? | 30.14 | + 16 | 32 | 32 | + 4 | ?SE | ? | 0 | * | 42 | ? | - | |
| Charleville ... | 30.04 | 32 | NW | 3 | 0 | 30.14 | + 16 | 32 | 32 | + 4 | ?SE | ? | 0 | * | 42 | ? | - | |
| Paris ... | 30.12 | 41 | NW | 4 | 0 | 30.19 | + 14 | 35 | 34 | - 3 | WSW | 1 | 0 | * | ? | ? | - | |
| Lyons ... | 30.13 | 30 | NNW | 1 | 0 | 30.27 | + 27 | 26 | 26 | - 2 | W | 1 | 6 | * | 30 | 25 | - | |
| Toulon ... | ? | ? | ? | ? | ? | 29.98 | + 17 | 34 | 28 | + 1 | NNW | 7 | 6 | 6 | 41 | 32 | - | |
| Belmullet ... | 30.20 | 43 | NW | 1 | 0 | 30.20 | - 05 | 37 | 37 | - 3 | N | 1 | 0 | * | 45 | 36 | 0.07 | |

EXPLANATION OF COLUMNS.

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

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred^r Dargatzidis Ltd. London.

WEATHER CHARTS

for 8 a.m. on Monday 24th November.

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

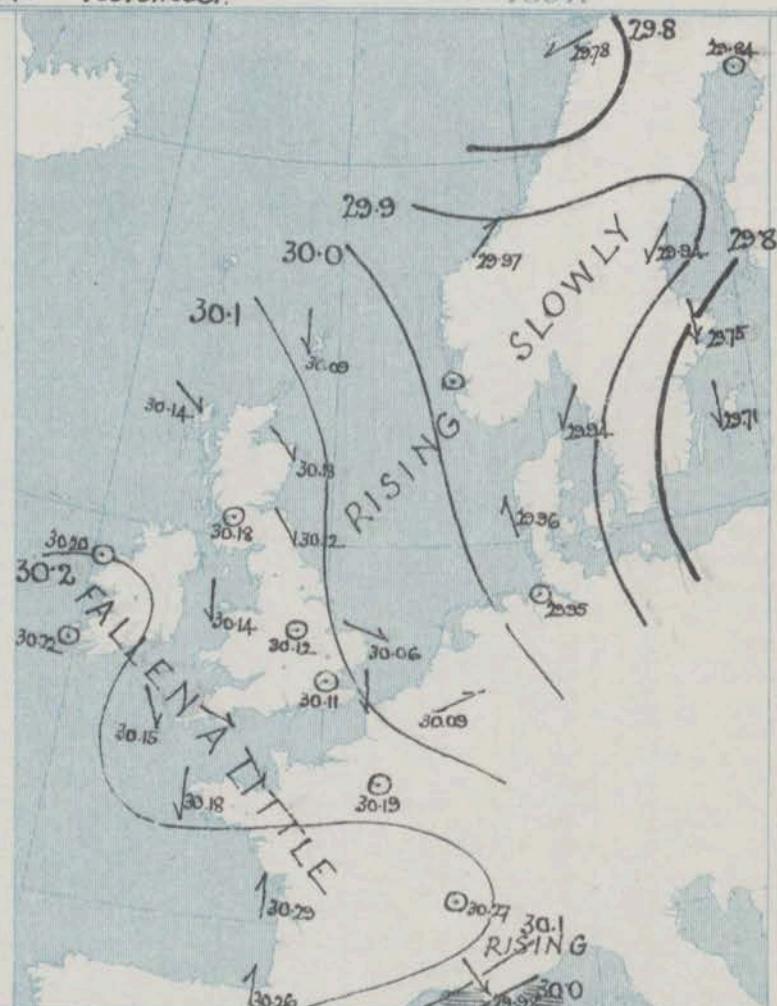
Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—
 → = forces above 10; →→ = forces 8 to 10;
 →→ = forces 5 to 7; →→ = forces 1 to 4;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

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

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.724 |
| Stornoway. | 29.765 |
| Wick. | 29.767 |
| Nairn. | 29.786 |
| Aberdeen. | 29.782 |
| Leith. | 29.820 |
| Shields. | 29.820 |
| York. | 29.847 |
| Ardrossan. | 29.829 |
| Donaghadee. | 29.822 |
| Ballyhead. | 29.845 |
| Liverpool. | 29.862 |
| Valencia. | 29.860 |
| Roches Point. | 29.875 |
| Pembroke. | 29.867 |
| Scilly. | 29.890 |
| Hurst Castle. | 29.885 |
| Dover. | 29.882 |
| LONDON. | 29.885 |
| Oxford. | 29.898 |
| Cambridge. | 29.878 |
| Yarmouth. | 29.855 |



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

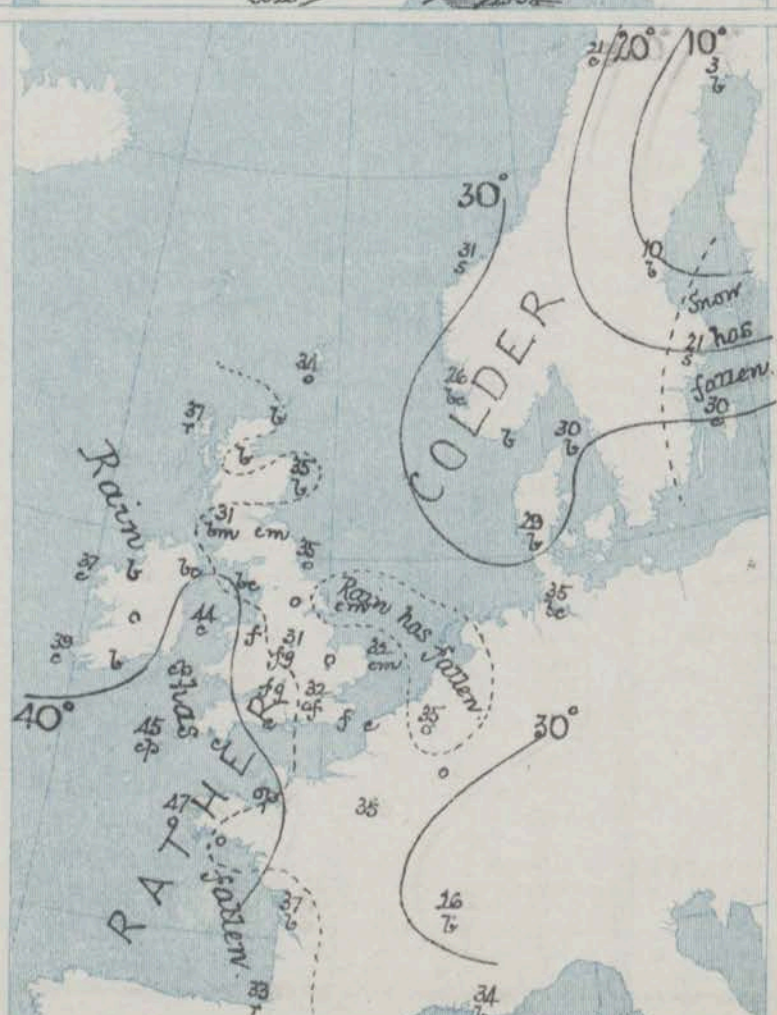
Temperature—Isotherms are drawn for each 10° Changes since previous morning are stated in words.
Weather—is shown by Letters of the Beaufort Scale.
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 41.0 | 39.4 | 4.18 |
| Stornoway. | 40.3 | 39.1 | 4.58 |
| Wick. | 40.8 | 39.2 | 3.15 |
| Nairn. | 38.8 | 37.2 | 2.31 |
| Aberdeen. | 40.2 | 38.3 | 3.22 |
| Leith. | 40.9 | 39.4 | 2.18 |
| Shields. | 41.3 | 39.7 | 3.01 |
| York. | 39.7 | 38.4 | 3.31 |
| Ardrossan. | 39.2 | 39.8 | 3.65 |
| Donaghadee. | 42.5 | 41.3 | 3.03 |
| Ballyhead. | 45.1 | 43.3 | 3.61 |
| Liverpool. | 41.5 | 39.8 | 1.53 |
| Valencia. | 46.8 | 44.6 | 3.19 |
| Roches Point. | 45.3 | 43.6 | 4.24 |
| Pembroke. | 46.2 | 44.2 | 3.26 |
| Scilly. | 49.5 | 47.1 | 3.79 |
| Hurst Castle. | 44.1 | 43.1 | 2.87 |
| Dover. | 43.6 | 41.9 | 3.79 |
| LONDON. | 41.3 | 39.9 | 2.07 |
| Oxford. | 40.5 | 39.2 | 2.09 |
| Cambridge. | 39.6 | 38.8 | 1.96 |
| Yarmouth. | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Monday 24th November. 1884. at 8 a.m.

In the course of the past twenty-four hours the barometer has continued to fall on our western coasts while it has risen on the eastern shores of the North Sea. The change has, however, been very gradual so that while readings have become more uniform the general distribution of pressure has undergone no important alterations. Light or moderate breezes from N. or NW. are reported in most localities, but over Central England the wind is variable, and in the south-west of France it is S^W. Showers are falling in the south-west of England, and fog prevails over our midland and south-eastern counties, but elsewhere the weather is generally fine. Slight showers fell yesterday at many of our stations. A lunar halo was seen at Ardrossan last night. Temperature has fallen a little, and readings now range from 45° at Pembroke and Scilly to 30° at West and Cambridge. Sharp frost occurred over Great Britain last night, at Oxford the thermometer on the grass fell to 22°, and in London to 17°. The sea is slight or smooth.

There is at present no sign of any important change in the weather. Over the south-east of England, however, there are some indications of the formation of a shallow depression, and this may possibly occasion slight rain at our southern stations.

FORECASTS

For the 24 hours ending at NOON on 25th November. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | NW ^{1/2} and W ^{1/2} Winds, light; fair generally. |
| 1 | SCOTLAND EAST | -----D ^o -----D ^o -----D ^o ----- |
| 2 | ENGLAND N.E. | NW ^{1/2} winds, light; cloudy, some mist or fog. |
| 3 | ENGLAND EAST | -----D ^o -----D ^o -----D ^o ----- |
| 4 | MIDLAND COUNTIES | Same as No 5. |
| 5 | ENGLAND SOUTH | Light variable breezes; dull, foggy, perhaps slight rain. |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | N ^{1/2} winds, light; fair generally, but fog locally. |
| 7 | ENGLAND N.W. | -----D ^o -----D ^o -----D ^o ----- |
| 8 | ENGLAND S.W. | NW ^{1/2} to N ^{1/2} or NE ^{1/2} winds, light; changeable, some showers. |
| 9 | IRELAND NORTH | N ^{1/2} or NE ^{1/2} winds, light; fair generally. |
| 10 | IRELAND SOUTH | -----D ^o -----D ^o -----D ^o ----- |

WARNINGS

None issued.

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

| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|---|---|
| Skudesnaes | 29.94 | 53 | 80 | 17 NW | 3 | 0 | 3 | Valencia | | | | | | | |
| Sumburgh Head | | | | | | | | Scilly | | | | | | | |
| Stornoway | | | | | | | | Dungeness | | | | | | | |
| Aberdeen | | | | | | | | London | | | | | * | | |
| Shields | | | | | | | | Yarmouth | | | | | | | |
| Ardrossan | | | | | | | | Jersey | | | | | | | |
| Mullaghmore | | | | | | | | Rochefort | 30.24 | 47 | 42 | 17 | 5 | 0 | 2 |
| Holyhead | | | | | | | | | | | | | | | |

REMARKS.

Summary of Changes in the Weather over the British Islands and their Neighbourhood from the 16th to the 22nd Nov: 1884.

during the earlier part of this week (16th to 19th) the dominant weather system over our islands was anticyclonic, and after Sunday the type was North-easterly to Northerly. A change then took place, a cyclonic system appearing off the west of Norway early on the 20th, whence it travelled rapidly to the southward over the southwest of Norway and Denmark to Holsten, then in a southwesterly direction to Holland, and finally southerly towards Piedmont.

Throughout the week the anticyclonic system retained its hold over our extreme western stations, and as the depression just referred to passed off again extended its sway over the whole Kingdom. In the course of the first period pressure was high (especially in the northwest) and increasing; the air over our islands was cold but dry, the winds Northerly and North-easterly and (excepting a few showers at some of our extreme eastern stations) hardly any rain fell. On the eastern shores of the North Sea, however, showers occurred daily, and on the 19th these began to extend more generally to the eastern parts of our islands. With the second (or cyclonic) spell pressure decreased quickly, showers of cold rain or sleet fell very generally, but were not heavy, except to the eastward of the North Sea; lightning was seen in the north, and Northerly gales and strong winds blew on nearly all our coasts - subsequently veering to the NE. at our southeastern stations and lulling. As this passed off and the anticyclone spread eastwards again the weather cleared up and the week closed with dry cold Northerly (NW. to NE.) breezes prevailing almost all over the Kingdom.

for Tuesday 25th Nov. 1884.
Issued by the Meteorological Office, 116, Victoria Street, London, R. H. SCOTT, Secretary.

for Tuesday 25th Nov. 1884.

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

| | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|---|--------------------|--------|--------------------|---------|---|---|-------------|------|---|--------|--------------------|-------------------|-------------|------|----------------------------|--|--|
| STATIONS. | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rain (in). | | |
| | | | Dirac. | Force (0 to 12) | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dirac. | Force (0 to 12) | | Max. | Min. | | | |
| Haparanda | 29.73 | 8 | 2 | 0 | 6 | 29.52 | - 32 | 28 | 28 | + 25 | SW | 4 | 5 | ? | - 2 | 0.12 | | |
| Hernösand ... | 29.96 | 4 | 2 | 0 | 6 | 29.72 | - 22 | 15 | 15 | + 5 | 2 | 0 | 0 | ? | 1 | - | | |
| Stockholm ... | 29.91 | 16 | WSW | 2 | 0 | 29.88 | + 13 | 10 | 10 | - 11 | W | 2 | 6 | 23 | ? | - | | |
| Wisby ... | 29.75 | 24 | E | 6 | 6 | 29.80 | + 09 | 24 | 23 | - 6 | E | 2 | 6 | 36 | 23 | 0.02 | | |
| Bodö | 29.52 | 32 | W | 6 | 5 | 29.50 | - 28 | 28 | 26 | + 7 | WNW | 4 | 6 | 32 | ? | - | | |
| Christiansund ... | 29.88 | 33 | SW | 6 | 5 | 29.75 | - 22 | 32 | 31 | + 1 | WNW | 8 | 5 | ? | 28 | 0.51 | | |
| † Skudesnæs ... | 30.08 | 30 | E | 2 | 6 | 29.89 | - 14 | 35 | 34 | + 9 | WNW | 2 | 0 | ? | - | - | | |
| Oxö (Kulansund) ... | 30.06 | 25 | NNW | 4 | 6 | 29.95 | + 02 | 27 | 25 | 0 | WNW | 2 | 6 | 32 | 23 | - | | |
| Skagen (The Skaw) | 30.06 | 29 | NE | 3 | 6 | 29.93 | - 01 | 26 | 24 | - 4 | SW | 3 | 0 | 30 | 21 | - | | |
| Fanö ... | 30.10 | 24 | 2 | 0 | 6 | 30.06 | + 10 | 33 | 31 | + 4 | WSW | 2 | 6 | ? | 23 | - | | |
| Cuxhaven ... | 30.02 | 35 | NE | 2 | 6 | 30.15 | + 20 | 28 | 27 | - 7 | WSW | 2 | 6 | ? | 27 | - | | |
| † Sumburgh Head | 30.06 | 37 | 2 | 0 | 6 | 30.04 | - 05 | 37 | 36 | + 3 | N | 3 | 0 | 41 | 32 | 0.12 | | |
| † Stornoway ... | 30.15 | 39 | WN | 2 | d | 30.21 | + 07 | 40 | 40 | + 3 | N | 2 | d | 42 | 35 | 0.10 | | |
| Wick ... | 30.15 | 34 | SW | 1 | 6 | 30.14 | - 00 | 37 | 36 | + 7 | WN | 2 | cp | 37 | 30 | 0.05 | | |
| Nairn ... | 30.14 | 36 | SW | 1 | 0 | 30.17 | + 04 | 40 | 39 | + 7 | WNW | 2 | 0 | 40 | 30 | 0.03 | | |
| † Aberdeen ... | 30.16 | 34 | WSW | 1 | 6 | 30.13 | - 00 | 30 | 29 | - 5 | N | 1 | 6 | 39 | 29 | - | | |
| Leith ... | 30.18 | 37 | WNW | 1 | m | 30.17 | + 01 | 40 | 37 | + 6 | WSW | 1 | cm | 40 | 33 | - | | |
| † Shields ... | 30.19 | 37 | NNW | 1 | 6 | 30.18 | + 06 | 35 | 35 | 0 | N | 1 | 6 | 41 | 32 | 0.04 | | |
| Spurn Head ... | 30.12 | 38 | NNW | 4 | 6 | 30.18 | + 11 | 35 | 35 | - 4 | WNW | 3 | 6 | 41 | 34 | 0.03 | | |
| York ... | 30.19 | 33 | N | 1 | 6 | 30.20 | + 08 | 35 | 34 | + 3 | WNW | 1 | 0 | 40 | 29 | - | | |
| Loughborough... | 30.17 | 30 | W | 1 | 6 | 30.23 | + 11 | 31 | 31 | 0 | N | 1 | gmst | 39 | 24 | - | | |
| Ardrossan ... | 30.21 | 42 | NW | 1 | 0 | 30.20 | + 02 | 42 | 41 | + 11 | 2 | 0 | 0 | 42 | 30 | - | | |
| † Mullagmore ... | 30.28 | 37 | 2 | 0 | 6 | 30.33 | + 14 | 44 | 41 | + 4 | NNW | 5 | opq | 47 | 36 | 0.03 | | |
| Donaghadee ... | 30.27 | 35 | NNE | 2 | 6 | 30.25 | + 08 | 41 | 41 | + 1 | NNW | 3 | 0 | 43 | 34 | 0.04 | | |
| Parsonstown ... | 30.30 | 31 | 2 | 0 | f | 30.38 | + 17 | 30 | 29 | - 5 | 2 | 0 | 0 | 39 | 25 | - | | |
| Barrow-in-Furness | 30.20 | 36 | NE | 2 | 6 | 30.20 | + 09 | 34 | 34 | 0 | NE | 2 | cm | 41 | 33 | 0.04 | | |
| † Holyhead ... | 30.23 | 42 | ENE | 3 | cm | 30.25 | + 11 | 46 | 44 | + 2 | WN | 5 | 0 | 46 | 40 | 0.03 | | |
| Liverpool (Bidston) | 30.21 | 36 | ENE | 1 | 6 | 30.21 | + 09 | 41 | 40 | + 5 | WN | 1 | 0 | 41 | 34 | 0.12 | | |
| † Valencia ... | 30.28 | 39 | NNE | 1 | 6 | 30.41 | + 19 | 32 | 31 | - 7 | 2 | 0 | 6 | 47 | 29 | - | | |
| Roche's Point .. | 30.27 | 38 | NNE | 2 | 6 | 30.35 | + 16 | 35 | 34 | - 4 | NNE | 2 | 6 | 47 | 33 | - | | |
| Pembroke ... | 30.18 | 42 | NE | 3 | 6 | 30.29 | + 16 | 40 | 36 | - 5 | E | 1 | cm | 47 | 35 | - | | |
| † Scilly ... | 30.16 | 48 | N | 4 | 0 | 30.26 | + 11 | 45 | 42 | 0 | E | 3 | 0 | 49 | 42 | 0.04 | | |
| Prawle Point ... | 30.16 | 43 | WN | 1 | 0 | 30.30 | + 15 | 32 | 31 | - 9 | NNW | 2 | 6 | 51 | 31 | - | | |
| Hurst Castle ... | 30.16 | 39 | NNE | 3 | m | 30.27 | + 16 | 29 | 29 | - 9 | NNW | 1 | m | 44 | 28 | - | | |
| † Dungeness ... | 30.12 | 36 | N | 1 | m | 30.22 | + 11 | 28 | 28 | - 4 | N | 2 | m | 42 | 28 | - | | |
| † London ... | 30.17 | 36 | N | 1 | 0 | 30.25 | + 14 | 26 | 26 | - 6 | SW | 1 | 6 | 39 | 25 | - | | |
| Oxford ... | 30.21 | 34 | N | 1 | 6 | 30.23 | + 11 | 27 | 26 | - 7 | SW | 1 | 6 | 38 | 26 | 0.05 | | |
| Cambridge ... | 30.16 | 31 | WNW | 1 | 6 | 30.25 | + 14 | 24 | 24 | - 6 | 2 | 0 | 6 | 36 | 22 | - | | |
| † Yarmouth ... | 30.11 | 37 | WN | 2 | cm | 30.20 | + 14 | 32 | 31 | 0 | WN | 2 | 6 | 39 | 30 | 0.04 | | |
| The Helder ... | 30.09 | 38 | NNE | 1 | 6 | 30.17 | + 17 | 29 | 28 | - 9 | SE | 1 | 6 | 39 | 28 | 0.04 | | |
| Cape Griz Nez... | 30.10 | 39 | N | 1 | m | 30.18 | + 10 | 36 | 35 | - 5 | E | 3 | 6 | 43 | 36 | 0.16 | | |
| † Jersey ... | 30.13 | 44 | NNW | 1 | 6 | 30.22 | + 09 | 41 | 38 | - 4 | NE | 3 | 6 | 49 | 39 | 0.42 | | |
| Brest ... | 30.17 | 44 | NE | 3 | 0 | 30.21 | + 03 | 41 | 39 | - 6 | NE | 4 | 0 | 50 | 39 | - | | |
| Lorient ... | 30.17 | 43 | WSW | 4 | 6 | 30.21 | + 01 | 41 | 39 | - 5 | NE | 4 | 6 | 52 | 37 | 0.04 | | |
| † Rochefort ... | 30.25 | 46 | SW | 5 | 6 | 30.24 | - 05 | 37 | 36 | 0 | ESE | 4 | m | 50 | 32 | 0.35 | | |
| Biarritz ... | 30.23 | 44 | E | 3 | 6 | 30.15 | - 11 | 44 | 41 | + 11 | E | 3 | 6 | 52 | ? | - | | |
| Corunna ... | • | • | • | • | • | 30.23 | + 14 | 32 | 32 | - 3 | SSE | 1 | 0 | 39 | 30 | - | | |
| Brussels ... | • | • | • | • | • | 30.19 | + 05 | 33 | 32 | + 1 | SSE | ? | 0 | 36 | 31 | - | | |
| Charleville ... | 30.13 | 33 | ? | ? | 0 | 30.26 | + 09 | 36 | 35 | + 1 | W | 4 | m | • | • | 0.08 | | |
| Paris ... | 30.14 | 37 | WN | 3 | 0 | 30.26 | + 09 | 36 | 35 | + 1 | W | 4 | m | • | • | 0.08 | | |
| Lyons ... | 30.28 | 30 | WN | 1 | 0 | 30.23 | - 04 | 29 | 29 | + 3 | E | 1 | 5 | 36 | ? | - | | |
| Toulon ... | 30.09 | 39 | WN | 4 | 6 | 30.15 | + 17 | 42 | 36 | + 8 | NE | 3 | 6 | 48 | 34 | - | | |
| • | 30.20 | 34 | ? | ? | 0 | 30.26 | + 16 | 43 | 41 | + 5 | E | 1 | 0 | 46 | 33 | - | | |

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.

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

Fred^r Bangertfeld Lith. London

WEATHER CHARTS

for 8 a.m. on Tuesday 25th November 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

Barometer — Isobars are drawn for each tenth of an inch changes since previous morning are stated in words.
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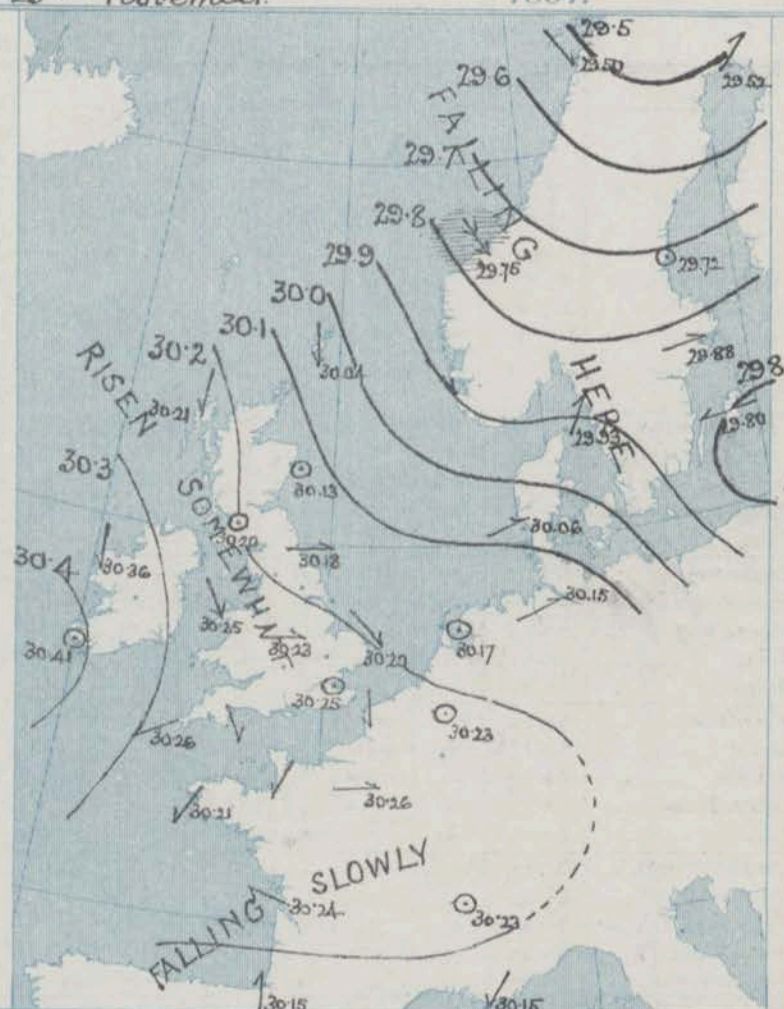
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Sea Disturbance — where considerable is shown thus
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MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
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| Holyhead | 29.845 |
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| Valencia | 29.880 |
| Roche's Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.899 |
| Hurst Castle | 29.895 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



REMARKS.

for Tuesday 25th November

1884, at 8 a.m.

In the course of the past twenty-four hours the barometer has fallen in Scandinavia and Denmark, while it has risen over our islands - most in the west. Gradients for NW^{ly} winds have again been formed over Western Europe, and light or moderate breezes from that quarter are reported at all but the western French stations, where the wind is NE^{ly} or E^{ly}. Fog or mist prevails over England, and showers on our extreme northern and north-western coasts, and snow at Haparanda and Christiansund, but elsewhere the weather is fine or fair. During yesterday slight rain or sleet fell in many parts of the kingdom. Temperature has risen on our northern coasts, but fallen elsewhere; readings now range from 45° at Kelly to 24° at Cambridge. Sharp frost again occurred last night over the inland parts of our islands. The lowest minima registered by the sheltered thermometer were 22° at Cambridge, 24° at Loughborough, 25° in London, and 26° at Oxford, but the grass temperature in London was as low as 14°. The sea is moderate to smooth.

The fall of the barometer which is in progress over Scandinavia may possibly result in a freshening of the NW^{ly} wind on our north and east coasts, but beyond this there is no sign of much change.

FORECASTS

for the 24 hours ending at NOON on 26th November. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

NW^{ly} and N^{ly} winds, freshening;
Some snow or sleet showers.

6 { SCOTLAND
WEST

NW^{ly} winds, moderate; cloudy,
Some cold showers.

1 { SCOTLAND
EAST

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

7 { ENGLAND
N.W.

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

2 { ENGLAND
N.E.

NW^{ly} winds, moderate to fresh;
fair to unsettled, with some snow or
sleet.

8 { ENGLAND
S.W.

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

3 { ENGLAND
EAST

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

9 { IRELAND
NORTH

Same as N^o 6 and 7

4 { MIDLAND
COUNTIES

Same as N^o 5.

10 { IRELAND
SOUTH

Same as N^o 8.

5 { ENGLAND
SOUTH

N^{ly} winds, light or moderate; fair,
cold, local fogs.

WARNINGS

None issued.

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

| | Bar. | Dry. | Wet. | Wind. | Woa. | Sea. | | Bar. | Dry. | Wet. | Wind. | Woa. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-----|---|
| Skudesnaes | 30.05 | 30 | 29 | EHE | 1 | bc | 2 | Valencia | 30.24 | 47 | 45 | NE | 1 | c | 1 |
| Sumburgh Head | 30.08 | 38 | 36 | 2 | 0 | c | 1 | Scilly | 30.15 | 49 | 46 | NNW | 4 | c | 4 |
| Stornoway | 30.15 | 42 | 41 | W | 2 | 0 | 1 | Dungeness | 30.10 | 39 | 38 | NNW | 1 | m | 2 |
| Aberdeen | 30.15 | 38 | 36 | NW | 2 | 6 | 1 | London | 30.12 | 39 | 37 | WNW | 2 | cgf | * |
| Shields | 30.16 | 41 | 39 | N | 1 | c | 3 | Yarmouth | 30.06 | 39 | 38 | NW | 2 | bc | 3 |
| Ardrossan | 30.20 | 41 | 37 | W | 1 | 6 | 1 | Jersey | 30.12 | 48 | 44 | NW | 2 | c | 2 |
| Mullaghmore | 30.25 | 44 | 41 | 2 | 0 | 6 | 0 | Rochefort | 30.28 | 48 | 45 | S | 5 | bc | 2 |
| Holyhead | 30.16 | 42 | 39 | NNW | 3 | c | 3 | | | | | | | | |
| Balmuccie | 30.24 | 46 | 44 | NE | 1 | 6 | 2 | | | | | | | | |

REMARKS.

The barometer has risen slightly in most places, but no material change has occurred in the wind or weather. Fog and gloom still prevail in London. The sea is moderate to smooth.

DAILY WEATHER REPORT

for Wednesday 26th November 1884.

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

| Issued by the Meteorological Office, 10, Abchurch Lane, London, E.C. 4. | | | | | | | | | | | | | | | | | | | |
|---|------------------------------------|-----------------|-------|-------------------|----------|---|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----------|----------------|-------------|------|---------------------|--|--|
| 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 37° F. and Sea Level. | Difference from 8 a.m. yesterday. | SHADE TEMP. | | Difference from 8 a.m. yesterday. | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Dir. | Force. (0 to 12). | | | | Dry. | Wet. | | Dir. | Force. (0 to 12). | | | Max. | Min. | | | |
| Haparanda | 29.51 | 20 | W | 2 | b | 29.52 | 00 | 8 | 8 | 20 | N | 2 | f | • | ? | ? | 0.16 | | |
| Hernösand ... | 29.64 | 17 | Z | 0 | b | 29.65 | 07 | 11 | 9 | 4 | Z | 0 | c | • | 22 | 1 | — | | |
| Stockholm ... | 29.71 | 21 | Z | 0 | o | 29.63 | 25 | 17 | 16 | 7 | NN | 2 | bc | • | 23 | 9 | — | | |
| Wisby ... | 29.76 | 25 | SSE | 2 | bc | 29.57 | 23 | 28 | 28 | 4 | E | 2 | o | • | 36 | 12 | 0.04 | | |
| Bodö ... | 29.54 | 25 | NNE | 2 | bc | 29.34 | 16 | 25 | 23 | 2 | W | 6 | bc | • | 28 | 23 | — | | |
| Christiansund ... | 29.71 | 26 | NNH | 4 | s | 29.72 | 03 | 24 | 28 | 3 | N | 1 | c | 5 | ? | 25 | 0.12 | | |
| Skudesnaes ... | 29.92 | 33 | NNH | 4 | bc | 29.86 | 03 | 28 | 28 | 7 | NN | 1 | o | 3 | 36 | ? | — | | |
| Oxö (Klansund) ... | 29.77 | 29 | NNH | 6 | c | 29.79 | 16 | 30 | 26 | 3 | NNH | 4 | bc | 2 | 37 | ? | — | | |
| Skagen (The Skaw) | 29.69 | 36 | NNE | 4 | c | 29.69 | 24 | 33 | 32 | 7 | NNE | 2 | b | 2 | 36 | 25 | — | | |
| Fanö ... | 29.24 | 37 | NNH | 4 | b | 29.34 | 20 | 35 | 33 | 2 | NNH | 3 | bc | • | 39 | 32 | 0.20 | | |
| Cuxhaven ... | 30.04 | 41 | WSTH | 5 | o | 29.95 | 20 | ? | ? | ? | NN | 2 | ? | • | ? | ? | ? | | |
| Sumburgh Head | 30.07 | 36 | N | 3 | o | 30.00 | 04 | 33 | 32 | 4 | N | 4 | s | 3 | 39 | 32 | 0.16 | | |
| Stornoway ... | 30.25 | 40 | W | 3 | o | 30.17 | 04 | 42 | 42 | 3 | NNH | 3 | om | 2 | 43 | 37 | 0.07 | | |
| Wick ... | 30.17 | 37 | NN | 2 | o | 30.11 | 03 | 38 | 37 | ? | NN | 2 | o | 1 | 42 | 35 | 0.14 | | |
| Nairn ... | 30.20 | 40 | NNH | 1 | o | 30.13 | 04 | 43 | 41 | 3 | NNH | 2 | o | 3 | 43 | 38 | — | | |
| Aberdeen ... | 30.19 | 39 | W | 3 | b | 30.20 | 03 | 41 | 40 | 11 | NN | 3 | p | 1 | 43 | 30 | 0.04 | | |
| Leith ... | 30.21 | 39 | W | 1 | bc | 30.16 | 01 | 39 | 35 | 1 | WSTH | 1 | bm | • | 46 | 36 | — | | |
| Shields ... | 30.20 | 40 | W | 1 | cm | 30.16 | 02 | 37 | 36 | 2 | WSTH | 2 | b | 2 | 42 | 34 | — | | |
| Spurn Head ... | 30.25 | 38 | NNH | 3 | b | 30.16 | 02 | 37 | 37 | 2 | NNH | 5 | cm | 3 | 40 | 35 | — | | |
| York ... | 30.20 | 37 | NNH | 1 | c | 30.20 | 00 | 36 | 35 | 1 | W | 1 | bc | • | 42 | 30 | — | | |
| Loughborough ... | 30.23 | 34 | WSTH | 1 | o | 30.24 | 01 | 34 | 34 | 3 | W | 4 | om | • | 39 | 26 | 0.02 | | |
| Ardrossan ... | 30.24 | 40 | NE | 1 | b | 30.22 | 02 | 45 | 44 | 3 | NN | 4 | bc | 2 | 47 | 35 | — | | |
| Mullaghmore ... | 30.26 | 45 | NN | 5 | c | 30.40 | 07 | 45 | 44 | 1 | NNH | 5 | amp | 4 | 46 | 43 | 0.01 | | |
| Donaghadee ... | 30.28 | 44 | NN | 3 | c | 30.32 | 07 | 43 | 42 | 2 | NNH | 3 | c | 1 | 47 | 38 | 0.12 | | |
| Parsonstown ... | 30.40 | 34 | Z | 0 | b | 30.44 | 06 | 38 | 37 | 8 | SH | 1 | o | • | 42 | 29 | 0.02 | | |
| Barrow-in-Furness | 30.22 | 37 | NE | 2 | o | 30.23 | 03 | 42 | 40 | 8 | NN | 3 | bc | 2 | 43 | 32 | — | | |
| Holyhead ... | 30.26 | 47 | NN | 6 | cp | 30.33 | 08 | 46 | 43 | 0 | NN | 5 | og | 4 | 47 | 44 | 0.15 | | |
| Liverpool (Bidston) | 30.23 | 42 | NNH | 1 | o | 30.26 | 05 | 43 | 41 | 2 | NNH | 4 | r | 4 | 44 | 39 | 0.04 | | |
| Valencia ... | 30.43 | 44 | N | 1 | o | 30.51 | 10 | 46 | 44 | 14 | N | 2 | o | 3 | 48 | 32 | 0.01 | | |
| Roche's Point .. | 30.40 | 42 | N | 3 | c | 30.46 | 11 | 42 | 40 | 7 | N | 3 | c | 3 | 44 | 34 | — | | |
| Pembroke ... | 30.28 | 45 | NNH | 2 | bc | 30.37 | 08 | 46 | 43 | 6 | NNH | 4 | of | 2 | 47 | 37 | 0.03 | | |
| Scilly ... | 30.31 | 46 | NNE | 4 | o | 30.36 | 12 | 49 | 46 | 4 | NNH | 5 | o | 4 | 49 | 44 | 0.04 | | |
| Prawle Point ... | 30.29 | 41 | NNH | 1 | o | 30.37 | 07 | 41 | 40 | 9 | NNH | 1 | c | 1 | 45 | ? | — | | |
| Murst Castle ... | 30.28 | 38 | Z | • | m | 30.32 | 05 | 32 | 32 | 3 | NN | 1 | m | 1 | 44 | 28 | — | | |
| Dungeness ... | 30.26 | 35 | N | 1 | b | 30.27 | 05 | 32 | 32 | 4 | NNH | 2 | f | 1 | 40 | 28 | — | | |
| London ... | 30.27 | 34 | NN | 1 | bm | 30.37 | 02 | 33 | 33 | 7 | NN | 1 | ufg | • | 38 | 26 | — | | |
| Oxford ... | 30.27 | 34 | W | 1 | o | 30.30 | 07 | 29 | 29 | 2 | NNH | 1 | f | • | 35 | 27 | 0.02 | | |
| Cambridge ... | 30.25 | 34 | Z | 0 | o | 30.46 | 01 | 30 | 30 | 9 | SH | 1 | o | • | 37 | 23 | — | | |
| Yarmouth ... | 30.21 | 34 | NNH | 2 | m | 30.17 | 02 | 30 | 32 | 1 | NNH | 3 | bcm | 3 | 37 | 30 | — | | |
| The Helder ... | 30.14 | 39 | WSTH | 3 | c | 30.07 | 10 | 43 | 41 | 14 | NN | 4 | o | 3 | 43 | 28 | 0.08 | | |
| Cape Griz Nez ... | 30.22 | 36 | S | 3 | f | 30.24 | 06 | 37 | 37 | 1 | ? | 4 | m | 2 | 43 | 34 | 0.04 | | |
| Jersey ... | 30.28 | 41 | NE | 1 | cm | 30.33 | 11 | 42 | 41 | 1 | NNH | 1 | bcm | 1 | 45 | 40 | 0.02 | | |
| Brest ... | 30.30 | 32 | NE | 4 | o | 30.32 | 15 | 45 | 43 | 4 | N | 3 | o | 4 | 30 | 36 | — | | |
| Lorient ... | 30.27 | 44 | NE | 4 | b | 30.38 | 17 | 40 | 38 | 1 | E | 3 | o | 2 | 30 | 32 | — | | |
| Rochefort ... | 30.27 | 43 | E | 4 | o | 30.42 | 18 | 35 | 32 | — | NE | 5 | b | 2 | 30 | 30 | — | | |
| Biarritz ... | 30.14 | 48 | SH | 5 | o | 30.37 | 12 | 37 | 37 | 7 | NE | 4 | o | 1 | ? | 36 | 0.28 | | |
| Corunna ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| Brussels ... | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | • | | |
| Charleville ... | 30.26 | 31 | ? | ? | c | 30.28 | 09 | 25 | ? | 5 | ? | ? | o | • | 38 | 24 | — | | |
| Paris ... | 30.20 | 37 | NNE | 3 | m | 30.28 | 12 | 30 | 31 | 8 | S | 3 | m | • | • | • | — | | |
| Lyons ... | 30.26 | 32 | NN | 1 | o | 30.24 | 11 | 28 | 28 | 1 | NN | 1 | o | • | 35 | ? | — | | |
| Toulon ... | 30.11 | 40 | NN | 3 | bc | 30.07 | 02 | 41 | 27 | 1 | W | 3 | b | 2 | 54 | 39 | — | | |
| Barnet ... | 30.40 | 43 | N | 2 | o | 30.44 | 08 | 43 | 43 | 1 | NN | 3 | o | • | 45 | 41 | 0.04 | | |

EXPLANATION OF COLUMNS.

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

Fred. Dargatzidis Ltd. London.

WEATHER CHARTS

for 8 a.m. on Wednesday 26th November 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

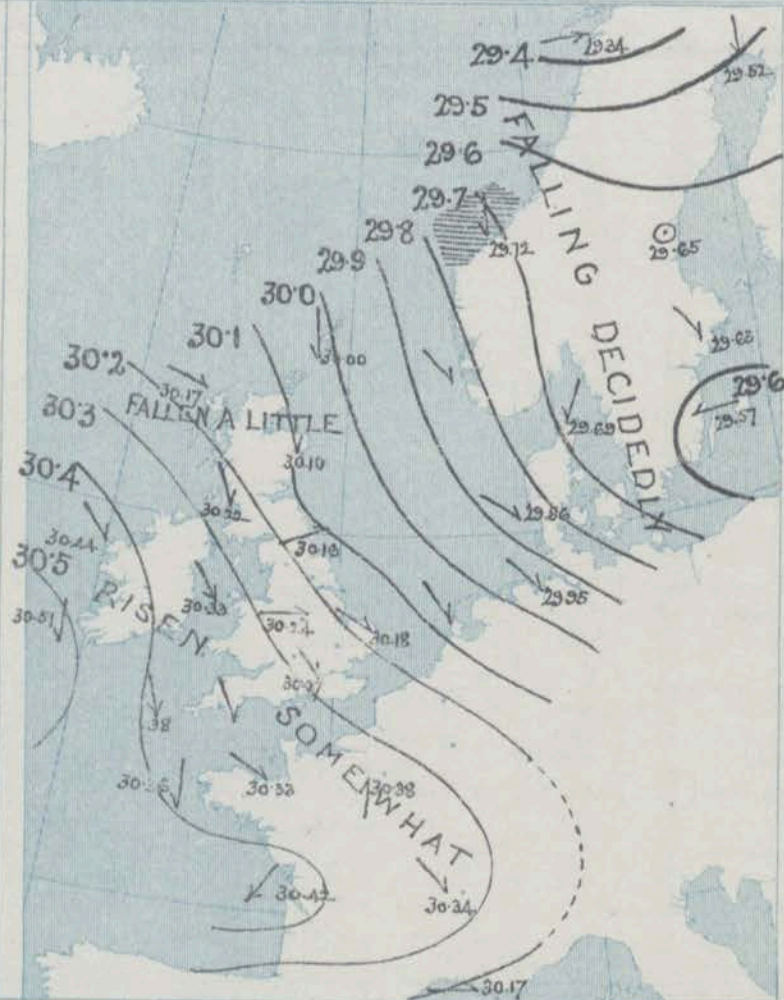
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sunbury Head. | 29.724 |
| Stornoway | 29.755 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.870 |
| York | 29.847 |
| Ardrossan | 29.824 |
| Donaghadee | 29.832 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roche's Point | 29.875 |
| Pembroke | 29.867 |
| Scilly | 29.839 |
| Harst Castle | 29.845 |
| Dover | 29.862 |
| LONDON | 29.885 |
| Oxford | 29.888 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

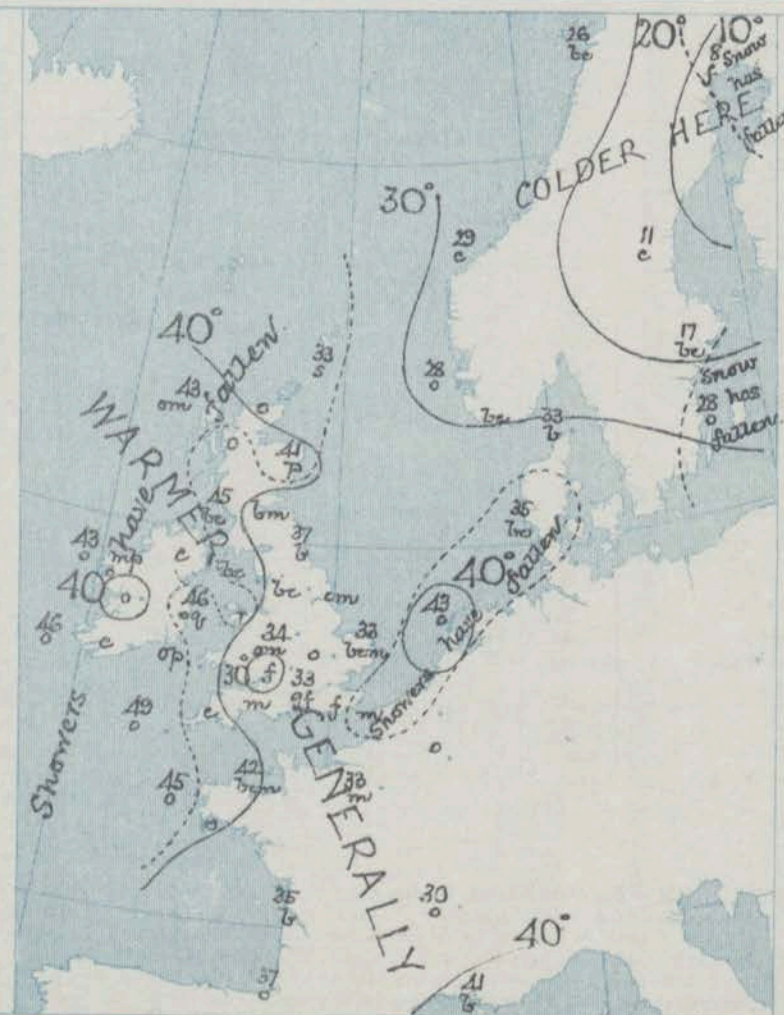
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|----------|----------|
| | Dry Bulb. | Wet Bulb | |
| Sunbury Head | 47.0 | 39.4 | 4.18 |
| Stornoway | 40.3 | 39.1 | 4.38 |
| Wick | 40.4 | 39.2 | 3.14 |
| Nairn | 38.8 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.18 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.65 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.5 | 3.51 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 6.14 |
| Roche's Point | 45.3 | 43.6 | 4.29 |
| Pembroke | 46.2 | 44.2 | 3.68 |
| Scilly | 49.5 | 47.4 | 3.79 |
| Harst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.95 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Wednesday 26th November 1884. at 8 a.m.

In the course of the past 24 hours the barometer has continued to rise at our western, southern and the French stations, while it has fallen decidedly on the eastern shores of the North Sea and slightly on our north and east coast.

The distribution of pressure has not materially changed, but gradients for Northwesterly winds have become rather steeper. Moderate Northwesterly breezes are reported at all but the western French station where the wind is Easterly or Northeasterly.

The weather is fair in most places, but fog prevails over England, snow at Lumburg, Hues and showers at Aberdeen, Mullaghmore & Pembroke. Since yesterday showers have fallen at many of our western and northern stations.

Temperature has risen a few degrees generally, and readings range from 49° at Scilly to 29° at Oxford. Frost occurred in many places last night, but the thermometer did not fall so low as on Tuesday.

The sea is moderate in the west, slight or smooth elsewhere.

As the barometer continues to rise in the west while it falls in the north and east there is still a tendency for the Northwesterly winds to freshen, especially on our north and east coasts.

FORECASTS

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

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

NWth winds, freshening; changeable, some cold showers.

1 { SCOTLAND
EAST

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

2 { ENGLAND
N.E.

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

3 { ENGLAND
EAST

Same as N^o 5

4 { MIDLAND
COUNTIES

Same as N^o 5

5 { ENGLAND
SOUTH

NWth winds, moderate; fair on the whole, but some fog and perhaps slight rain.

DISTRICTS.

FORECASTS.

6 { SCOTLAND
WEST

NWth winds, freshening; fair to unsettled and some showers.

7 { ENGLAND
N.W.

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

8 { ENGLAND
S.W.

Nth and NWth winds, moderate; fair generally.

9 { IRELAND
NORTH

Same as N^o 0 to 2

10 { IRELAND
SOUTH

Same as N^o 8.

WARNINGS

None Issued

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. |
|---------------|-------|------|------|-------|------|------|-----------|-------|------|------|-------|------|------|
| Skudesnaes | | | | | | | Valencia | 30.21 | 47 | 43 | N | 1 | 2 |
| Sumburgh Head | 30.01 | 38 | 34 | N | 3 | 0 | Scilly | 30.29 | 47 | 43 | ESE | 1 | 0 |
| Stornoway | 30.25 | 42 | 41 | NNW | 2 | 0 | Dungeness | 30.25 | 40 | 38 | N | 2 | 0 |
| Aberdeen | 30.10 | 40 | 38 | NNW | 3 | 0 | London | 30.25 | 38 | 36 | NNW | 2 | 0 |
| Shields | 30.17 | 41 | 40 | W | 1 | 0 | Yarmouth | 30.20 | 37 | 36 | NNW | 2 | 0 |
| Ardrossan | 30.24 | 47 | 44 | NNW | 2 | 0 | Jersey | 30.24 | 45 | 41 | ESE | 2 | 0 |
| Mullaghmore | 30.25 | 44 | 42 | NNW | 4 | 0 | Rocheport | 30.25 | 45 | 42 | ESE | 4 | 0 |
| Holyhead | 30.24 | 47 | 45 | NN | 5 | 0 | | | | | | | |
| Balmuccia | 30.27 | 44 | 43 | NE | 2 | 0 | | | | | | | |

REMARKS.

Very little change has occurred since the morning. The barometer is inclined to rise slightly in most places with N^W or N^E breezes and fair cold weather. Fog still prevail in London.

DAILY WEATHER REPORT

for *Thursday* *27th Nov* *1884.*

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

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------------|-----------------|--------|------------------|----------|----------------------------------|-----------------------------------|------|-------------|-----------------------------------|--------|------------------|------|-----------------|------------------|----------|----------------|-------------|------|---------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | Reading at 32° F. and Sea Level. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Temp. in Shade. | Force (0 to 12). | Weather. | Sec. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. |
| | | | Direc. | Force (0 to 12). | | | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force (0 to 12). | Max. | | | | | Min. | | |
| | | | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.40 | 10 | Z | 0 | f | 29.32 | - .20 | 12 | 12 | + 4 | Z | 0 | 0 | * | | | | 19 | ? | - |
| Hernösand ... | 29.50 | 24 | Z | 0 | b | 29.42 | - .23 | ? 23 | ? 23 | + 12 | Z | 0 | 0 | * | | | | ? | ? | - |
| Stockholm ... | 29.56 | 12 | W | 2 | b | 29.62 | - .11 | 11 | 10 | - 6 | WNW | 2 | 0 | * | | | | 21 | 10 | - |
| Wisby ... | 29.56 | 28 | NNE | 6 | c | 29.54 | - .03 | 28 | 27 | 0 | NW | 6 | 0 | * | | | | 36 | 21 | 0.08 |
| Bodö ... | 29.26 | 26 | N | 4 | b | 29.11 | - .23 | 26 | 23 | 0 | NW | 6 | 5 | 5 | | | | 27 | 21 | - |
| Christiansund ... | 29.62 | 25 | NW | 6 | s | 29.55 | - .17 | 30 | 29 | + 1 | NW | 4 | 5 | 5 | | | | 30 | 23 | 0.16 |
| † Skudesnaes ... | 29.81 | 28 | Z | 0 | s | 29.75 | - .11 | 28 | 26 | 0 | E | 2 | 0 | 2 | | | | 30 | 28 | - |
| Oxö (Kilansund) ... | 29.75 | 27 | NNW | 4 | b | 29.73 | - .06 | 25 | 22 | - 5 | NNW | 4 | 0 | 2 | | | | 32 | 25 | - |
| Skagen (The Skaw) | 29.72 | 25 | NNE | 2 | b | 29.69 | - .06 | 31 | 29 | - 2 | NNE | 3 | 0 | 2 | | | | 34 | 25 | - |
| Fanö ... | 29.80 | 33 | W | 4 | s | 29.74 | - .12 | 31 | 30 | - 4 | WNW | 2 | 0 | * | | | | 36 | 30 | 0.16 |
| Cuxhaven ... | 29.83 | 34 | NNW | 5 | h | 29.80 | - .15 | 39 | 39 | + 1 | NNW | 4 | h | * | | | | 40 | 38 | 0.34 |
| † Sumburgh Head | 29.98 | 31 | N | 4 | s | 29.66 | - .34 | 33 | 33 | 0 | SE | 3 | 0 | 3 | | | | 35 | 30 | 0.01 |
| † Stornoway ... | 30.07 | 44 | W | 2 | h | 29.61 | - .56 | 48 | 48 | + 5 | WSW | 5 | h | 4 | | | | 48 | 41 | 1.33 |
| Wick ... | 30.05 | 37 | NW | 1 | h | 29.60 | - .51 | 38 | 38 | 0 | Z | 0 | h | 0 | | | | 40 | 32 | 0.90 |
| Nairn ... | 30.00 | 42 | Z | 0 | h | 29.65 | - .48 | 46 | 46 | + 3 | W | 1 | d | 3 | | | | 46 | 40 | 0.82 |
| † Aberdeen ... | 30.07 | 39 | W | 2 | h | 29.67 | - .43 | 43 | 43 | + 2 | WSW | 1 | h | 1 | | | | 46 | 35 | 0.55 |
| Leith ... | 30.09 | 45 | WSW | 1 | 0 | 29.79 | - .37 | 48 | 44 | + 9 | W | 5 | 0 | * | | | | 48 | 38 | - |
| † Shields ... | 30.12 | 43 | W | 3 | m | 29.86 | - .30 | 47 | 46 | + 10 | WSW | 3 | 0 | 2 | | | | 47 | 35 | - |
| Spurn Head ... | 30.15 | 41 | WNW | 4 | b | 29.93 | - .23 | 45 | 44 | + 8 | W | 6 | 0 | 3 | | | | 45 | 35 | - |
| York ... | 30.18 | 41 | W | 1 | b | 29.98 | - .22 | 47 | 45 | + 11 | W | 4 | 0 | * | | | | 47 | 35 | - |
| Loughborough ... | 30.24 | 43 | W | 3 | c | 30.11 | - .13 | 44 | 42 | + 10 | W | 4 | 0 | * | | | | 45 | 34 | - |
| † Ardrossan ... | 30.17 | 48 | WNW | 4 | d | 29.88 | - .34 | 49 | 48 | + 4 | WSW | 5 | op | 3 | | | | 49 | 44 | 0.05 |
| † Mullaghmore ... | 30.36 | 47 | WNW | 6 | 0 | 30.11 | - .29 | 50 | 46 | + 5 | W | 7 | omg | 6 | | | | 50 | 44 | 0.13 |
| Donaghadee ... | 30.28 | 45 | NW | 3 | c | 30.04 | - .28 | 46 | 44 | + 3 | W | 2 | bc | 2 | | | | 47 | 42 | - |
| Parsonstown ... | 30.44 | 43 | Z | 0 | 0 | 30.25 | - .19 | 45 | 43 | + 7 | W | 1 | 0 | * | | | | 46 | 37 | - |
| Barrow-in-Furness | 30.22 | 45 | NW | 3 | 0 | 30.04 | - .19 | 47 | 45 | + 5 | W | 5 | 0 | * | | | | 48 | ? 42 | 0.05 |
| † Holyhead ... | 30.32 | 48 | WNW | 6 | cq | 30.16 | - .17 | 47 | 44 | + 1 | W | 6 | 0 | 6 | | | | 48 | 45 | - |
| Liverpool (Bidston) | 30.25 | 46 | W | 5 | 0 | 30.08 | - .18 | 46 | 43 | + 3 | W | 7 | 0 | 5 | | | | 46 | 43 | - |
| † Valencia ... | 30.53 | 46 | NW | 2 | 0 | 30.37 | - .14 | 48 | 47 | + 2 | NNW | 3 | 0 | 3 | | | | 50 | 45 | 0.04 |
| Roche's Point ... | 30.48 | 45 | NNW | 4 | bc | 30.35 | - .11 | 44 | 42 | + 2 | WSW | 4 | 0 | 3 | | | | 47 | 35 | - |
| Pembroke ... | 30.39 | 47 | NW | 4 | c | 30.28 | - .09 | 49 | 44 | + 3 | NNW | 6 | opg | 4 | | | | 49 | 44 | - |
| † Scilly ... | 30.44 | 47 | N | 5 | 0 | 30.41 | + .03 | 47 | 46 | - 2 | NNW | 5 | 0 | 4 | | | | 49 | 45 | - |
| Prawle Point ... | 30.41 | 42 | NNW | 3 | c | 30.37 | - .04 | 45 | 43 | + 4 | NNW | 4 | 0 | 4 | | | | 49 | 40 | - |
| Hurst Castle ... | 30.34 | 43 | WNW | 2 | c | 30.27 | - .05 | 44 | 43 | + 12 | W | 6 | 0 | 2 | | | | 46 | ? 32 | - |
| † Dungeness ... | 30.26 | 41 | WNW | 2 | c | 30.19 | - .08 | 42 | 40 | + 10 | NNW | 4 | 0 | 4 | | | | 42 | 29 | - |
| † London ... | 30.28 | 40 | NNW | 2 | cf | 30.18 | - .09 | 42 | 40 | + 9 | W | 2 | 0 | * | | | | 45 | 33 | - |
| Oxford ... | 30.29 | 40 | W | 2 | c | 30.19 | - .11 | 42 | 41 | + 13 | SW | 3 | 0 | * | | | | 44 | 29 | - |
| Cambridge ... | 30.22 | 38 | W | 1 | b | 30.11 | - .15 | 43 | 42 | + 10 | W | 1 | 0 | * | | | | 43 | 32 | - |
| † Yarmouth ... | 30.16 | 39 | WNW | 4 | bc | 30.01 | - .17 | 41 | 40 | + 8 | NNW | 4 | 0 | 3 | | | | 41 | 31 | - |
| The Helder ... | 30.04 | 43 | NNW | 4 | h | 29.90 | - .17 | 46 | 44 | + 3 | W | 5 | 0 | 3 | | | | 46 | 43 | 0.24 |
| Cape Griz Nez ... | 30.21 | 44 | NW | 7 | m | 30.19 | - .05 | 45 | 43 | + 8 | NW | 7 | 0 | 5 | | | | 45 | 37 | - |
| † Jersey ... | 30.37 | 45 | NW | 1 | og | 30.36 | + .03 | 47 | 44 | + 5 | NNW | 3 | omp | 3 | | | | 48 | 42 | 0.03 |
| Brest ... | 30.43 | 46 | NNE | 3 | 0 | 30.47 | + .11 | ? | 44 | ? | NNE | 4 | ? | 3 | | | | 52 | 43 | - |
| Lorient ... | 30.42 | 48 | NNE | 4 | 0 | 30.48 | + .10 | 48 | 44 | + 8 | NW | 4 | 0 | 2 | | | | 50 | ? | - |
| † Rochefort ... | 30.47 | 38 | ENE | 4 | b | 30.51 | + .09 | 45 | 43 | + 10 | SW | 4 | 0 | 2 | | | | 46 | 30 | - |
| Biarritz ... | 30.40 | 38 | N | 4 | c | 30.50 | + .23 | 34 | 32 | - 3 | SE | 3 | 0 | 1 | | | | 32 | 32 | - |
| Corunna ... | ? | ? | ? | ? | ? | 30.13 | | 41 | 40 | | WSW | 3 | 0 | * | | | | 41 | 39 | 0.04 |
| Brussels ... | ? | ? | ? | ? | ? | 30.25 | - .03 | 36 | 35 | + 2 | SSW | 7 | 0 | * | | | | 36 | 28 | 0.04 |
| Charleville ... | ? | 34 | NE | 4 | 0 | ? | | | | | | | | | | | | | | |
| Paris ... | 30.56 | 39 | SSW | 3 | 0 | 30.34 | + .04 | 42 | 40 | + 9 | S | 4 | 0 | * | | | | | | - |
| Lyons ... | | | | | | | | | | | | | | | | | | | | |
| Toulon ... | 30.17 | 40 | W | 3 | b | 30.23 | + .06 | 43 | 37 | + 2 | Z | 0 | bc | 2 | | | | 55 | 36 | 0.24 |
| Belmullet ... | 30.40 | 47 | NW | 3 | 0 | 30.14 | - .30 | 50 | 48 | + 7 | W | 5 | 0 | * | | | | 50 | 43 | 0.04 |

EXPLANATION OF COLUMNS.

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

WEATHER CHARTS

for 8 a.m. on *Thursday 27th November 1884.*

BAROMETER, WIND & SEA.

(Explanation of Map)

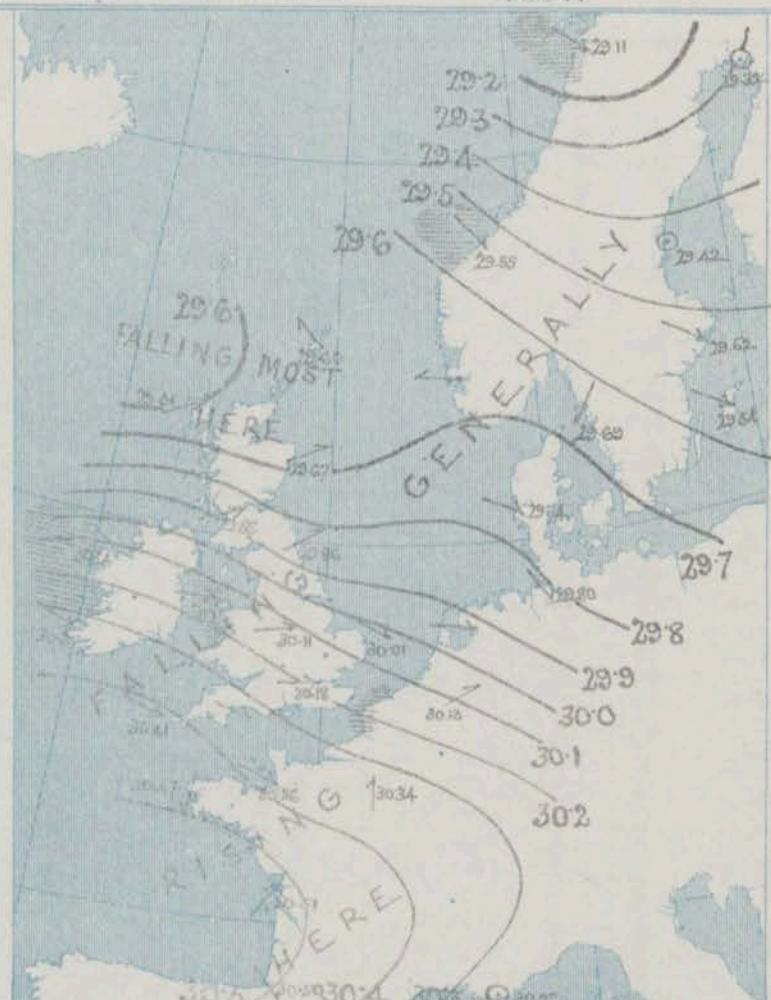
Barometer—Isobars are drawn for each tenth of an inch. Changes since previous morning are stated in words.
Wind—Arrows show the prevalent winds. They fly with the wind and their barbs and feathers refer to force, thus—
 — force above 10; — forces 6 to 10;
 — forces 5 to 7; — forces 1 to 4;
 ☉ = dead calm.

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

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stornoway | 29.765 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.870 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.839 |
| Donaghadee | 29.832 |
| Holyhead | 29.815 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roches Point | 29.875 |
| Pembroke | 29.867 |
| Selly | 29.898 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.885 |
| Cambridge | 29.878 |
| Yarmouth | 29.855 |



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

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

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.9 | 4.18 |
| Stornoway | 40.3 | 39.1 | 4.58 |
| Wick | 40.8 | 39.2 | 3.74 |
| Nairn | 38.8 | 37.2 | 2.55 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.3 | 39.4 | 2.18 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.31 |
| Ardrossan | 42.2 | 39.8 | 3.65 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.61 |
| Liverpool | 41.5 | 39.8 | 2.53 |
| Valencia | 46.8 | 44.6 | 4.14 |
| Roches Point | 46.3 | 43.6 | 4.24 |
| Pembroke | 46.2 | 44.2 | 3.88 |
| Selly | 49.5 | 47.4 | 3.29 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.29 |
| LONDON | 43.3 | 39.9 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.8 | 1.95 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Thursday 27th Nov^r

1884. at 8 a.m.

The anticyclone recently noticed to the westward and south-westward of Ireland has moved eastwards to the Bay of Biscay, and a depression is now approaching the north-west of Scotland. The barometer is consequently falling in all parts of our Islands, quickly in the north. The wind has backed to the Wnd on nearly all coasts, and although still moderate in force at our eastern stations it has increased to a strong breeze in the west and north-west. Snow is falling at Rodø and Christiansund, and rain at many of the Scotch stations, but elsewhere the weather is at present fair. In the course of the past twenty four hours heavy rain has fallen in the north of Scotland, the largest amounts being 1.3 in. at Stromway, 0.9 in. at Wick, and 0.8 in. at Nairn. Temperature has risen decidedly and readings now range from 50° at Belmullet and Mullaghmore to 33° at Lough Head. The sea is rough at Mullaghmore, Holyhead and Liverpool, moderate or slight elsewhere.

The depression which is advancing towards the north of our Islands will probably move eastward and occasion Wnd to NWnd gales on our western and northern coasts.

FORECASTS

for the 24 hours ending at NOON on 28th November. 1884.
(Issued at 11 a.m. on the previous day.)

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

Wnd to NWnd winds, increasing to a gale; squally, rain at times.

6 { SCOTLAND
WEST

Same as N^o 0 to 2.

1 { SCOTLAND
EAST

----- D. ----- D. ----- D. -----

7 { ENGLAND
N. W.

Same as N^o 0 to 2.

2 { ENGLAND
N. E.

----- D. ----- D. ----- D. -----

8 { ENGLAND
S. W.

Wnd to NWnd winds, increasing in force; cloudy, showery.

3 { ENGLAND
EAST

Same as N^o 5

9 { IRELAND
NORTH

Same as N^o 0 to 2.

4 { MIDLAND
COUNTIES

Same as N^o 5

10 { IRELAND
SOUTH

Same as N^o 8.

5 { ENGLAND
SOUTH

Wnd winds, increasing in force; fair to unsettled and showery.

WARNINGS

The north coast was hoisted ¹⁻¹⁰ evening in districts 0, 1, 6, 7, 9 and part of 8, and the warnings have been extended this morning to part of district 2.

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

| TUESDAYS 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|--------------------------------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|------|---|
| | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wes. | Sea. | | |
| Skudesnaes | 29.85 | 30 | 28 | NW | 1 | C | 4 | Valencia | 30.52 | 47 | 45 | N | 2 | 0 V | 3 |
| Sumburgh Head | 30.00 | 34 | 32 | N | 4 | C | 3 | Scilly | 30.42 | 48 | 44 | N | 5 | 0 | 4 |
| Stornoway | 30.14 | 43 | 43 | WNW | 3 | d | 2 | Dungeness | 30.25 | 41 | 39 | NW | 2 | 6 | 2 |
| Aberdeen | 30.09 | 41 | 40 | WNW | 2 | d m | 1 | London | 30.25 | 45 | 42 | NW | 3 | cm | * |
| Shields | 30.14 | 45 | 43 | W | 3 | 6 | 2 | Yarmouth | 30.14 | 39 | 38 | WNW | 3 | 8 cm | 3 |
| Ardrossan | 30.22 | 47 | 45 | WNW | 4 | C | 3 | Jersey | 30.35 | 46 | 43 | N | 1 | 6 c | 1 |
| Mullaghmore | 30.39 | 46 | 45 | WNW | 5 | o p | 4 | Rochefort | 30.40 | 43 | 39 | ENE | 5 | 6 | 2 |
| Holyhead | 30.34 | 47 | 44 | WNW | 5 | C q | 4 | | | | | | | | |
| Balmullet | 30.43 | 47 | 42 | NW | 2 | O | * | | | | | | | | |

REMARKS.

Very little change has occurred since the morning. The barometer is inclined to fall slightly in most places, but the wind remains moderate from NW or N. and the weather generally fair. At Stornoway and Aberdeen, however, drizzling rain is falling. The sea is moderate to smooth.

DAILY WEATHER REPORT

for Friday 28th November, 1884.

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

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------------|------------------------------------|-----------------|-------|-------------------|----|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|-------|-------------------|----|----------------|----------|----------------|------|---------------------|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | | Sea. (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. |
| | | | Dir. | Force. (0 to 12). | | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | | Max. | Min. | |
| Haparanda | 29.28 | 9 | SE | 2 | 0 | b | 29.39 | + .07 | 11 | 11 | - | NE | 4 | 0 | * | * | 9 | 1 | - |
| Hernösand | 29.30 | 9 | Z | 0 | b | b | 29.19 | - .23 | 19 | 18 | - | S | 2 | 0 | * | * | ? | 1 | - |
| Stockholm | 29.49 | 15 | Z | 0 | b | b | 29.44 | - .10 | 16 | 16 | + | WSW | 2 | b | * | * | 18 | 7 | - |
| Wisby | 29.60 | 29 | NNW | 6 | b | b | 29.50 | - .04 | 27 | 27 | - | SSW | 2 | b | * | * | 8 | 25 | - |
| Bodö | 29.17 | 16 | NNE | 3 | b | b | 29.38 | + .27 | 10 | 9 | - | ENE | 2 | b | 1 | * | 27 | 9 | - |
| Christiansund | 29.41 | 29 | NNW | 6 | c | c | 29.35 | - .10 | 30 | 29 | 0 | NNW | 4 | s | 5 | * | 32 | 25 | - |
| Skudesnaes | 29.49 | 33 | E | 4 | b | b | 29.50 | - .25 | 27 | 24 | - | NNE | 2 | 0 | 3 | * | 34 | ? | - |
| Oxö (Ålansund) | 29.52 | 26 | NNW | 2 | c | c | 29.46 | - .27 | 26 | 23 | + | NNW | 4 | b | 2 | * | 27 | 25 | - |
| Skagen (The Skaw) | 29.51 | 27 | WSW | 2 | b | b | 29.47 | - .22 | 27 | 25 | - | Z | 0 | b | 0 | * | ? | 23 | - |
| Fanö | 29.40 | 29 | ESE | 6 | s | s | 29.32 | - .42 | 28 | 28 | - | E | 4 | s | * | * | 32 | 29 | 0.28 |
| Cuxhaven | 29.70 | 35 | ESE | 4 | s | s | 29.39 | - .41 | 40 | 43 | + | W | 6 | r | * | * | ? | 25 | 0.38 |
| † Sumburgh Head | 29.38 | 37 | E | 4 | r | r | 29.59 | - .07 | 32 | 31 | - | N | 3 | 0 | 3 | * | 35 | 30 | 0.28 |
| † Stornoway | 29.53 | 44 | NNW | 7 | cq | cq | 29.67 | + .06 | 37 | 37 | - | NE | 3 | d | 3 | * | 48 | 35 | 0.49 |
| Wick | 29.37 | 41 | NNW | 4 | o | o | 29.65 | - .05 | 34 | 33 | - | NNW | 2 | b | 1 | * | 42 | 33 | 0.39 |
| Nairn | 29.49 | 42 | W | 2 | o | o | 29.64 | - .01 | 37 | 36 | - | NNE | 3 | 0 | 3 | * | 48 | 37 | 0.12 |
| † Aberdeen | 29.48 | 45 | W | 3 | o | o | 29.60 | - .07 | 34 | 34 | - | NNW | 3 | b | 2 | * | 50 | 35 | 0.05 |
| Leith | 29.60 | 45 | W | 5 | b | b | 29.62 | - .17 | 40 | 36 | - | W | 1 | 0 | * | * | 50 | 38 | 0.06 |
| † Shields | 29.64 | 48 | WSW | 5 | c | c | 29.62 | - .24 | 40 | 39 | - | W | 2 | 0 | 3 | * | 49 | 39 | - |
| Spurn Head | 29.65 | 46 | W | 6 | e | e | 29.64 | - .29 | 43 | 42 | - | W | 5 | cq | 4 | * | 47 | 41 | 0.02 |
| York | 29.73 | 48 | W | 5 | b | b | 29.65 | - .33 | 40 | 39 | - | W | 1 | 0 | * | * | 49 | 40 | 0.03 |
| Loughborough | 29.85 | 47 | WSW | 6 | b | b | 29.76 | - .35 | 40 | 38 | - | SSW | 2 | og | * | * | 48 | 39 | - |
| † Ardrossan | 29.71 | 47 | NNW | 7 | b | b | 29.66 | - .22 | 40 | 39 | - | NNW | 1 | bp | 1 | * | 51 | 38 | 0.14 |
| † Mullaghmore | 29.95 | 47 | NNW | 7 | og | og | 29.83 | - .28 | 42 | 40 | - | NNW | 6 | og | 5 | * | 50 | 39 | 0.15 |
| † Donaghadee | 29.84 | 46 | W | 7 | b | b | 29.75 | - .29 | 38 | 38 | - | NNW | 3 | b | 1 | * | 49 | 37 | 0.04 |
| † Parsonstown | 30.00 | 46 | W | 1 | b | b | 29.91 | - .34 | 40 | 38 | - | W | 1 | 0 | * | * | 50 | 38 | 0.04 |
| Barrow-in-Furness | 29.76 | 48 | NNW | 5 | b | b | 29.68 | - .36 | 44 | 41 | - | NNW | 5 | 0 | 2 | * | 48 | 41 | 0.19 |
| Holyhead | 29.93 | 49 | NNW | 7 | b | b | 29.79 | - .37 | 43 | 41 | - | NNW | 7 | og | 6 | * | 51 | 43 | 0.03 |
| Liverpool (Bidston) | 29.83 | 47 | W | 7 | b | b | 29.71 | - .37 | 43 | 41 | - | W | 5 | 0 | 5 | * | 48 | 42 | 0.16 |
| Valencia | 30.18 | 51 | W | 5 | r | r | 30.03 | - .34 | 45 | 44 | - | NNW | 6 | og | 6 | * | 53 | 44 | 0.12 |
| Roche's Point | 30.13 | 50 | W | 4 | b | b | 29.93 | - .42 | 44 | 43 | - | NNW | 4 | p | 4 | * | 52 | 42 | - |
| Pembroke | 30.03 | 51 | W | 8 | c | c | 29.86 | - .42 | 47 | 43 | - | NNW | 6 | og | 5 | * | 52 | 45 | - |
| † Scilly | 30.22 | 50 | NNW | 6 | cq | cq | 29.99 | - .42 | 49 | 46 | + | NNW | 6 | 0 | 5 | * | 51 | 45 | 0.07 |
| Prawle Point | 30.16 | 48 | W | 5 | c | c | 29.94 | - .43 | 44 | 42 | - | NNW | 3 | c | 4 | * | 50 | 42 | 0.09 |
| Hurst Castle | 30.07 | 48 | W | 6 | b | b | 29.89 | - .38 | 45 | 43 | + | W | 5 | c | 4 | * | 48 | 42 | - |
| † Dungeness | 30.02 | 46 | NNW | 5 | o | o | 29.85 | - .34 | 43 | 40 | + | NNW | 4 | 0 | 3 | * | 49 | ? | - |
| London | 29.97 | 45 | WSW | 4 | c | c | 29.83 | - .35 | 41 | 39 | - | WSW | 2 | b | * | * | 48 | 40 | 0.07 |
| Oxford | 29.93 | 47 | W | 5 | o | o | 29.82 | - .37 | 39 | 37 | - | WSW | 2 | bm | * | * | 48 | 39 | - |
| Cambridge | 29.88 | 44 | W | 2 | o | o | 29.77 | - .34 | 40 | 38 | - | SW | 2 | 0 | * | * | 47 | 38 | - |
| † Yarmouth | 29.86 | 44 | W | 5 | od | od | 29.69 | - .32 | 40 | 38 | - | W | 5 | c | 3 | * | 45 | 38 | 0.04 |
| The Helder | 29.63 | 46 | W | 7 | o | o | 29.58 | - .32 | 46 | 43 | - | W | 5 | 0 | 4 | * | 48 | 45 | 0.08 |
| Cape Griz Nez | 29.95 | 47 | WSW | 9 | o | o | 29.83 | - .36 | 46 | 41 | + | SW | 9 | 0 | 7 | * | 48 | 41 | - |
| † Jersey | 30.23 | 46 | W | 4 | cp | cp | 29.96 | - .40 | 49 | 49 | + | NNW | 4 | og | 4 | * | 51 | 46 | 0.48 |
| Brest | 30.20 | 48 | NNW | 5 | o | o | 30.10 | - .37 | 51 | 48 | - | NNW | 5 | 0 | 4 | * | 52 | 43 | - |
| Lorient | 30.38 | 48 | NNW | 7 | c | c | 30.10 | - .38 | 51 | 48 | + | W | 7 | c | 4 | * | 52 | 42 | 0.06 |
| † Rochefort | 30.45 | 47 | W | 4 | o | o | 30.26 | - .25 | 44 | 43 | - | SSW | 4 | 0 | 2 | * | 50 | 39 | 0.08 |
| Biarritz | 30.44 | 39 | E | 4 | b | b | 30.46 | - .24 | 39 | 35 | + | SE | 4 | b | 1 | * | 59 | 32 | - |
| Corunna | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| Brussels | * | * | * | * | * | * | 29.81 | - .23 | 44 | 42 | + | WSW | 1 | 0 | * | * | 46 | ? | 0.16 |
| Charleville | 29.08 | 41 | SE | 7 | o | o | 29.90 | - .35 | 41 | 40 | + | SSW | 7 | 0 | * | * | 42 | 36 | 0.12 |
| Paris | 30.22 | 46 | SSW | 3 | o | o | 29.98 | - .36 | 46 | 44 | + | SSW | 3 | 0 | * | * | * | * | - |
| Lyons | 30.42 | 32 | E | 1 | m | m | 30.27 | - | 23 | 32 | - | SE | 1 | 0 | * | * | 34 | 31 | - |
| Toulon | 30.12 | 42 | NNW | 1 | m | m | 30.15 | - .08 | 34 | 30 | - | NNW | 5 | b | 4 | * | 36 | 34 | - |
| Belmullet | 30.04 | 47 | NNW | 5 | b | b | 29.90 | - .24 | 42 | 40 | - | NNW | 4 | b | * | * | 50 | 39 | 0.14 |

EXPLANATION OF COLUMNS.

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

WEATHER

for 8 a.m. on

CHARTS

Friday

28th Nov^r

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

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

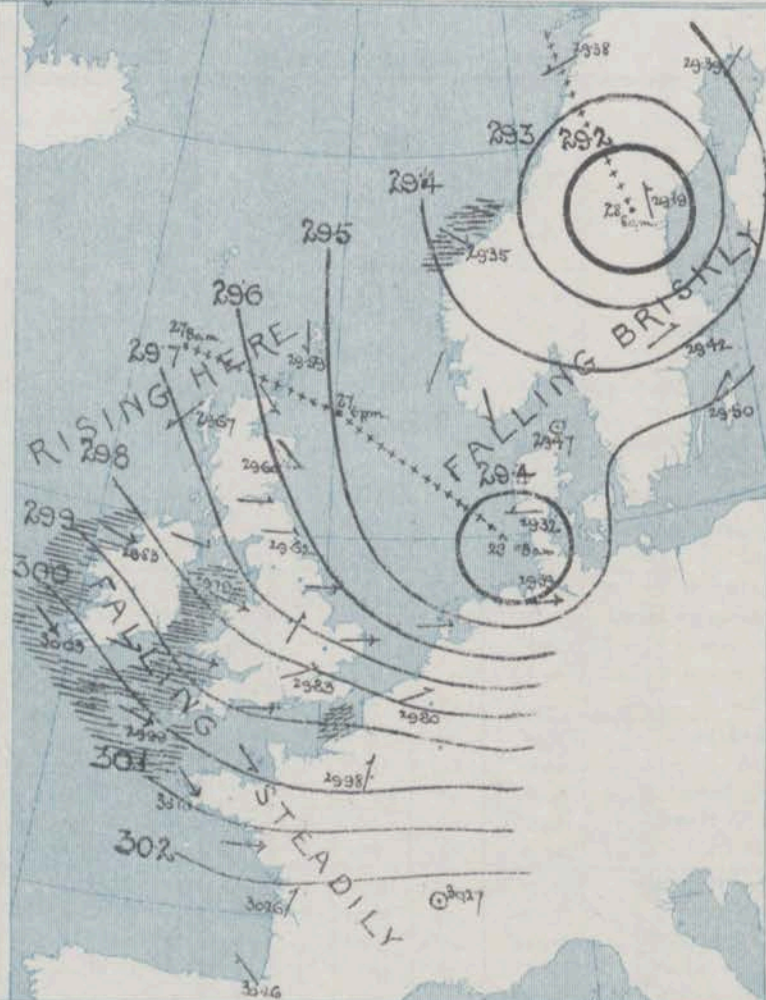
Sea Disturbance — where considerable is shown thus

■ = Rough. ■ = High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.724 |
| Stornoway. | 29.755 |
| Wick. | 29.767 |
| Nairn. | 29.786 |
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| Shields. | 29.830 |
| York. | 29.847 |
| Ardrossan. | 29.824 |
| Donaghadee. | 29.832 |
| Holyhead. | 29.845 |
| Liverpool. | 29.862 |
| Valencia. | 29.880 |
| Roches Point. | 29.875 |
| Pembroke. | 29.867 |
| Scilly. | 29.899 |
| Hurst Castle. | 29.885 |
| Dover. | 29.882 |
| LONDON. | 29.685 |
| Oxford. | 29.858 |
| Cambridge. | 29.878 |
| Yarmouth. | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

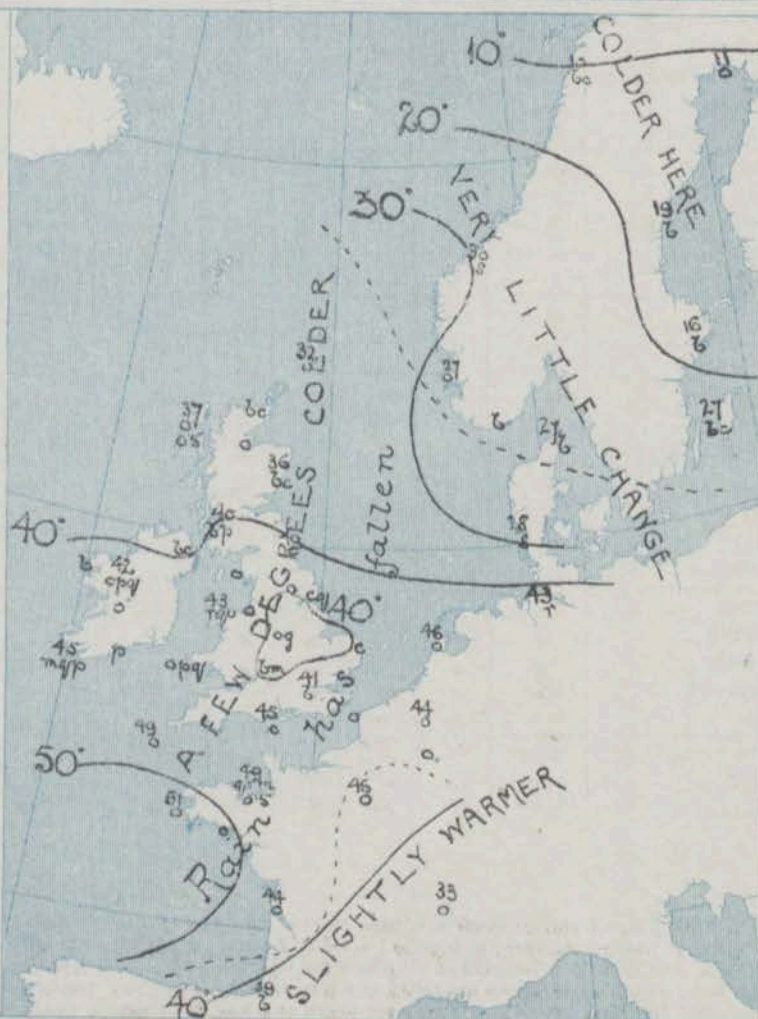
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 41.0 | 39.4 | 1.48 |
| Stornoway. | 40.2 | 39.1 | 1.38 |
| Wick. | 40.8 | 39.2 | 1.15 |
| Nairn. | 38.6 | 37.2 | 2.35 |
| Aberdeen. | 40.2 | 38.3 | 3.22 |
| Leith. | 40.9 | 39.4 | 2.10 |
| Shields. | 41.3 | 39.7 | 3.01 |
| York. | 39.7 | 38.4 | 2.31 |
| Ardrossan. | 42.1 | 39.8 | 3.85 |
| Donaghadee. | 42.5 | 41.3 | 3.02 |
| Holyhead. | 45.1 | 43.3 | 3.51 |
| Liverpool. | 47.5 | 39.8 | 2.53 |
| Valencia. | 46.8 | 44.6 | 6.14 |
| Roches Point. | 45.3 | 43.6 | 4.29 |
| Pembroke. | 46.2 | 44.2 | 3.88 |
| Scilly. | 49.5 | 47.4 | 3.79 |
| Hurst Castle. | 44.1 | 43.1 | 2.87 |
| Dover. | 43.6 | 41.9 | 3.79 |
| LONDON. | 41.3 | 38.9 | 2.07 |
| Oxford. | 40.5 | 39.2 | 2.09 |
| Cambridge. | 39.6 | 38.8 | 1.95 |
| Yarmouth. | 42.6 | 41.6 | 3.31 |

NOTE — The Temperature means are for the 10 years 1871—80, the Rainfall means are mainly those for the 15 years 1865—80.



REMARKS.

for Friday 28th November 1884, at 8 a.m.

The depression which lay over the north of Scandinavia yesterday and the subsidiary disturbance which was approaching the northwest of Scotland have both travelled in a southeasterly or south-south-easterly direction, - the former to the neighbourhood of Helsingfors, and the latter to the south of Denmark. A recovery of pressure has consequently taken ^{place} in Norway & Scotland, but elsewhere the barometer continues to fall. In Scandinavia and Denmark the wind, which is moderate in force, shows a distinct cyclonic circulation round one or other of these disturbances, but over our islands and France westerly or northwesterly breezes are general, and on our western and southern coasts they blow freshly or strongly. Moderate westerly or northwesterly gales blew yesterday in the west and north of our islands, and a strong N.E. gale was experienced at Lark during the night. Snow is falling at Copenhagen and Laro, rain at Cuxhaven and Jersey, and showers at several of our western stations, but elsewhere the weather is at present fair. Since yesterday showers have fallen in most parts of the Kingdom. Temperature has fallen at all but the French stations, and readings over our islands now range from 49° at Lally to 32° in the Shetlands. The sea is rough on our west and southwest coasts, moderate to smooth elsewhere.

The distribution of pressure remains favourable for the advance of depressions from the westward, but there is at present no indication of any definite disturbance.

FORECASTS

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|-------------------------|---|-----------------------|--|
| 0 { SCOTLAND NORTH | Moderate breezes, backing to N. or S.W.; fair to unsettled & some rain. | 6 { SCOTLAND WEST | Same as N ^o 0 to 2. |
| 1 { SCOTLAND EAST |D.....D.....D..... | 7 { ENGLAND N.W. | N th to S.W. winds, strong; cloudy, unsettled, some rain. |
| 2 { ENGLAND N.E. |D.....D.....D..... | 8 { ENGLAND S.W. | N th strong winds or gales, cloudy, rain at times. |
| 3 { ENGLAND EAST | Same as N ^o 5 | 9 { IRELAND NORTH |D.....D.....D..... |
| 4 { MIDLAND COUNTIES | Same as N ^o 5 | 10 { IRELAND SOUTH |D.....D.....D..... |
| 5 { ENGLAND SOUTH | N th & S.W. winds, moderate to strong, fair to unsettled and some rain. | WARNINGS | The signals have been lowered this morning in districts 0, 1, 6 and part of 2, but are still up in districts 7 to 10. |

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|------|------|---|-----------|-------|------|-------|-------|------|-----|---|
| | Bar. | Dry. | Wet. | Wind. | Woa. | Sea. | | Bar. | Dry. | Wet. | Wind. | Woa. | Sea. | | |
| Skudesnaes | 29.63 | 30 | 28 | E | 2 | 0 | 2 | Valencia | 30.25 | 52 | 50 | W | 6 | o g | 6 |
| Sumburgh Head | 29.44 | 36 | 35 | SE | 4 | h | 4 | Scilly | 30.30 | 50 | 49 | W | 6 | o g | 5 |
| Stornoway | 29.57 | 45 | 44 | W N W | 6 | h p | 5 | Dungeness | 30.08 | 48 | 44 | W N W | 4 | 6 c | 3 |
| Aberdeen | 29.47 | 47 | 46 | N W | 4 | 0 | 1 | London | 30.06 | 48 | 43 | W | 5 | 0 | # |
| Shields | 29.68 | 48 | 46 | W | 7 | 0 | 3 | Yarmouth | 29.89 | 45 | 43 | W | 5 | o g | 3 |
| Ardrossan | 29.73 | 50 | 48 | W S W | 6 | c | 4 | Jersey | 30.28 | 47 | 44 | W N W | 4 | c | 4 |
| Mullaghmore | 29.96 | 50 | 47 | W S W | 7 | o g | 6 | Rochefort | 30.48 | 47 | 46 | S W | 4 | 0 | 2 |
| Holyhead | 29.98 | 50 | 46 | W S W | 7 | o g | 5 | | | | | | | | |
| Belmullet | 30.03 | 50 | 49 | N W | 5 | c | 2 | | | | | | | | |

REMARKS.

The depression which was approaching the north west of Scotland is moving east south eastwards and while the barometer continues to fall generally, the change has been materially checked at Stornoway. Fresh or strong W winds prevail in most places, with moderate gales at Shields, Mullaghmore, and Holyhead. Rain is falling at Sumburgh Hd. and showers at Stornoway and Scilly. The sea is rough on many parts of our western and northwestern coasts.

DAILY WEATHER REPORT

for Satur day 22nd November 1884.

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

| Issued by the Meteorological Office, 10, Victoria Street, London, W. 1. H. 56011. Secretary. | | | | | | | | | | | | | | | | | | |
|--|------------------------------------|-----------------|--------|-------------------|----------|----------------------------------|-----------------------------------|-------------|------|-----------------------------------|--------|-------------------|----------------|-------------|------|---------------------|------|------|
| STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Direc. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force. (0 to 12). | | Weather. | Max. | | Min. | |
| | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.55 | 14 | SE | 2 | 5 | 29.68 | + .24 | 4 | 4 | — | 7 | SE | 4 | 5 | • | 14 | ? | 0.20 |
| Hernösand ... | 29.44 | 4 | Z | 0 | 6 | 29.61 | + .62 | 22 | 21 | + | 3 | NE | 6 | 5 | • | ? | 0 | 0.16 |
| Stockholm ... | 29.40 | 17 | Z | 0 | 6c | 29.49 | + .07 | 11 | 11 | — | 5 | Z | 0 | 0 | • | 21 | ? | — |
| Wisby ... | 29.51 | 29 | S | 2 | 6 | 29.50 | — .00 | 25 | 25 | — | 2 | W | 4 | 5 | • | 30 | 19 | — |
| Bodö ... | 29.55 | 15 | ENE | 2 | 6 | 29.65 | + .27 | 15 | 16 | + | 8 | E | 2 | 6 | 1 | ? | 10 | — |
| Christiansund ... | 29.53 | 30 | SE | 2 | 0 | 29.67 | — .32 | 26 | 25 | — | 4 | ESE | 1 | 6 | 4 | 32 | 23 | 0.39 |
| † Skudesnaes ... | 29.58 | 28 | E | 2 | C | 29.72 | + .22 | 24 | 23 | — | 3 | NNE | 1 | 0 | 2 | 28 | ? | — |
| Oxö (Xiansund) ... | 29.62 | 26 | NNW | 4 | 6 | 29.66 | + .20 | 22 | 20 | — | 4 | NNW | 5 | 6 | 2 | 28 | 21 | — |
| Skagen (The Skaw) ... | 29.50 | 23 | WSW | 2 | 6 | 29.65 | + .18 | 27 | 25 | — | 0 | NE | 2 | 6 | 1 | 30 | 21 | — |
| Fanö ... | 29.59 | 18 | Z | 0 | f | 29.65 | + .33 | 23 | 23 | — | 6 | E | 1 | f | • | 30 | 16 | 0.08 |
| Cuxhaven ... | 29.62 | ? | N | 6 | ? | 29.67 | + .28 | 32 | 31 | — | 11 | SE | 2 | 6 | • | ? | 29 | — |
| † Sumburgh Head | 29.66 | 33 | N | 3 | 0 | 29.78 | + .19 | 33 | 31 | + | 1 | Z | 0 | C | 2 | 34 | 29 | 0.01 |
| † Stornoway ... | 29.80 | 36 | N | 2 | 6c | 29.87 | + .20 | 33 | 32 | — | 4 | NW | 4 | 5p | 3 | 39 | 30 | 0.06 |
| Wick ... | 29.73 | 34 | NW | 2 | C | 29.85 | + .20 | 30 | 30 | — | 4 | NNW | 1 | 6c | 1 | 38 | 25 | 0.05 |
| Nairn ... | 29.73 | 35 | NW | 2 | C | 29.82 | + .18 | 31 | 31 | — | 6 | SW | 2 | 0 | 3 | 38 | 29 | — |
| † Aberdeen ... | 29.71 | 33 | NNW | 4 | 5p | 29.75 | + .15 | 31 | 30 | — | 5 | NW | 4 | 6c | 2 | 38 | 30 | 0.32 |
| Leith ... | 29.74 | 38 | N | 1 | 6c | 29.80 | + .18 | 34 | 29 | — | 6 | NNW | 1 | 6m | • | 44 | 31 | 0.01 |
| † Shields ... | 29.69 | 37 | NW | 3 | 6 | 29.75 | + .13 | 32 | 31 | — | 8 | NW | 2 | 5 | 3 | 42 | 30 | 0.01 |
| Spurn Head ... | 29.65 | 41 | NNW | 4 | C | 29.66 | + .01 | 32 | 33 | — | 9 | NW | 5 | 6esp | 4 | 43 | 32 | — |
| York ... | 29.69 | 40 | NNW | 1 | 0 | 29.72 | + .08 | 30 | 29 | — | 10 | NNW | 1 | 6c | • | 45 | 29 | — |
| Loughborough ... | 29.73 | 36 | NNW | 2 | 6 | 29.75 | — .01 | 30 | 29 | — | 10 | N | 3 | 6 | • | 43 | 30 | 0.03 |
| † Ardrossan ... | 29.77 | 39 | NNE | 1 | 0 | 29.84 | + .18 | 32 | 32 | — | 6 | NNW | 1 | 6 | 1 | 43 | 31 | — |
| † Mullaghmore ... | 29.87 | 44 | NW | 5 | 6c | 29.95 | + .12 | 38 | 37 | — | 4 | NNE | 6 | qf | 5 | 46 | 35 | 0.18 |
| Donaghadee ... | 29.80 | 43 | NW | 3 | 6 | 29.84 | + .09 | 38 | 36 | 0 | N | 3 | C | 1 | 43 | 35 | 0.09 | |
| Parsonstown ... | 29.92 | 37 | WSW | 1 | 6 | 29.95 | + .04 | 26 | 25 | — | 4 | NW | 1 | 6 | • | 43 | 34 | — |
| Barrow-in-Furness | 29.73 | 39 | NNW | 3 | 6 | 29.78 | + .10 | 32 | 30 | — | 12 | N | 2 | 6c | • | 44 | 31 | 0.16 |
| Holyhead ... | 29.78 | 45 | NW | 7 | C | 29.82 | + .03 | 40 | 38 | — | 3 | NNW | 4 | 6c | ? | 46 | ? | 0.23 |
| Liverpool (Bidston) | 29.75 | 39 | NW | 2 | 0 | 29.79 | + .08 | 35 | 32 | — | 8 | NNE | 1 | 6 | 2 | 43 | 35 | 0.18 |
| Valencia ... | 30.01 | 45 | NW | 4 | 0qf | 30.03 | — .00 | 45 | 44 | 0 | NNW | 4 | 0 | 5 | 48 | 42 | 0.13 | |
| Roche's Point .. | 29.94 | 42 | NW | 4 | 6 | 29.95 | + .02 | 41 | 39 | — | 3 | NW | 4 | 6 | 4 | 47 | 39 | 0.08 |
| Pembroke ... | 29.84 | 44 | NNW | 5 | 6c | 29.81 | — .05 | 43 | 42 | — | 4 | NNW | 6 | 6p | 4 | 47 | 42 | 0.04 |
| † Scilly ... | 29.92 | 47 | NNW | 6 | C | 29.88 | — .11 | 47 | 44 | — | 2 | NW | 6 | 6p | 6 | 50 | 44 | 0.10 |
| Prawle Point ... | 29.85 | 37 | NW | 2 | 6 | 29.82 | — .12 | 39 | 39 | — | 5 | NNW | 4 | C | 5 | 47 | 35 | 0.08 |
| Hurst Castle ... | 29.78 | 40 | NW | 3 | 6 | 29.77 | — .12 | 37 | 37 | — | 8 | NNW | 3 | C | 3 | 45 | 35 | — |
| † Dungeness ... | 29.71 | 42 | NNW | 3 | 6c | 29.73 | — .12 | 29 | ? | — | 14 | NW | 3 | C | 2 | 49 | 29 | — |
| † London ... | 29.74 | 38 | NNW | 3 | 6 | 29.74 | — .09 | 35 | 34 | — | 6 | NW | 2 | 6gm | • | 46 | 34 | — |
| Oxford ... | 29.77 | 36 | NNW | 2 | 6 | 29.77 | — .05 | 34 | 33 | — | 5 | WSW | 1 | 6f | • | 44 | 31 | 0.01 |
| Cambridge ... | 29.69 | 38 | WSW | 1 | 0 | 29.74 | — .03 | 32 | 31 | — | 8 | N | 1 | 6 | • | 43 | 30 | 0.01 |
| † Yarmouth ... | 29.65 | 39 | NNW | 3 | C | 29.64 | — .05 | 36 | 33 | — | 6 | NNW | 4 | 6mp | 4 | 41 | 32 | 0.12 |
| The Helder ... | 29.60 | 41 | N | 1 | 7 | 29.53 | — .05 | 37 | 36 | — | 9 | SSE | 1 | 7 | 1 | 46 | 36 | 0.20 |
| Cape Griz Nez ... | 29.71 | 45 | NNW | 8 | 0 | 29.72 | — .11 | 38 | 38 | — | 8 | NW | 7 | 6c | 5 | 48 | 36 | — |
| † Jersey ... | 29.82 | 45 | NW | 3 | 0q | 29.82 | — .14 | 45 | 41 | — | 4 | NW | 3 | 6c | 3 | 51 | 42 | 0.09 |
| Brest ... | 29.90 | 47 | NNW | 5 | 0 | 29.93 | — .17 | 45 | 41 | — | 6 | NNW | 5 | 0 | 5 | 52 | 43 | 0.12 |
| Lorient ... | 29.94 | 48 | NNE | 7 | 7 | 29.95 | — .15 | 46 | 42 | — | 5 | NW | 5 | C | 2 | 52 | 39 | 0.08 |
| † Rochefort ... | 30.04 | 50 | WSW | 7 | 0 | 30.01 | — .05 | 46 | 41 | + | 2 | N | 4 | 6 | 2 | 52 | 39 | 0.20 |
| Biarritz ... | 30.09 | 46 | E | 3 | 6 | 29.98 | — .28 | 46 | 43 | + | 7 | S | 4 | C | 1 | 55 | 36 | — |
| Corunna ... | • | • | • | • | • | 29.64 | — .16 | 37 | 34 | — | 7 | WSW | 3 | 0 | • | 45 | 35 | 0.04 |
| Brussels ... | • | • | • | • | • | 29.69 | — .21 | 36 | 34 | — | 5 | S | 8 | 0 | • | 44 | 36 | 0.20 |
| Charleville ... | 29.75 | 40 | SSW | 4 | 0 | 29.83 | — .10 | 37 | 36 | — | 9 | S | 3 | 0 | • | • | • | 0.08 |
| Paris ... | 29.84 | 46 | SSW | 4 | 0 | 29.83 | — .10 | 37 | 36 | — | 9 | S | 3 | 0 | • | • | • | 0.08 |
| Lyons ... | 30.07 | 37 | SSE | 1 | 0 | 29.92 | — .35 | 34 | 32 | + | 1 | S | 1 | 0 | • | 44 | 33 | — |
| Toulon ... | 30.01 | 41 | NW | 7 | 6 | 29.95 | — .20 | 39 | 36 | + | 5 | W | 5 | C | 4 | 48 | ? | — |
| † Barmatlet | 29.97 | 44 | N | 2 | 6 | 29.99 | + .09 | 41 | 38 | — | 1 | N | 4 | 6 | • | 45 | 40 | 0.10 |

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

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

Printed by D. J. D. Loh, London.

WEATHER CHARTS

for 8 a.m. on

Saturday 29th Nov^r

1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

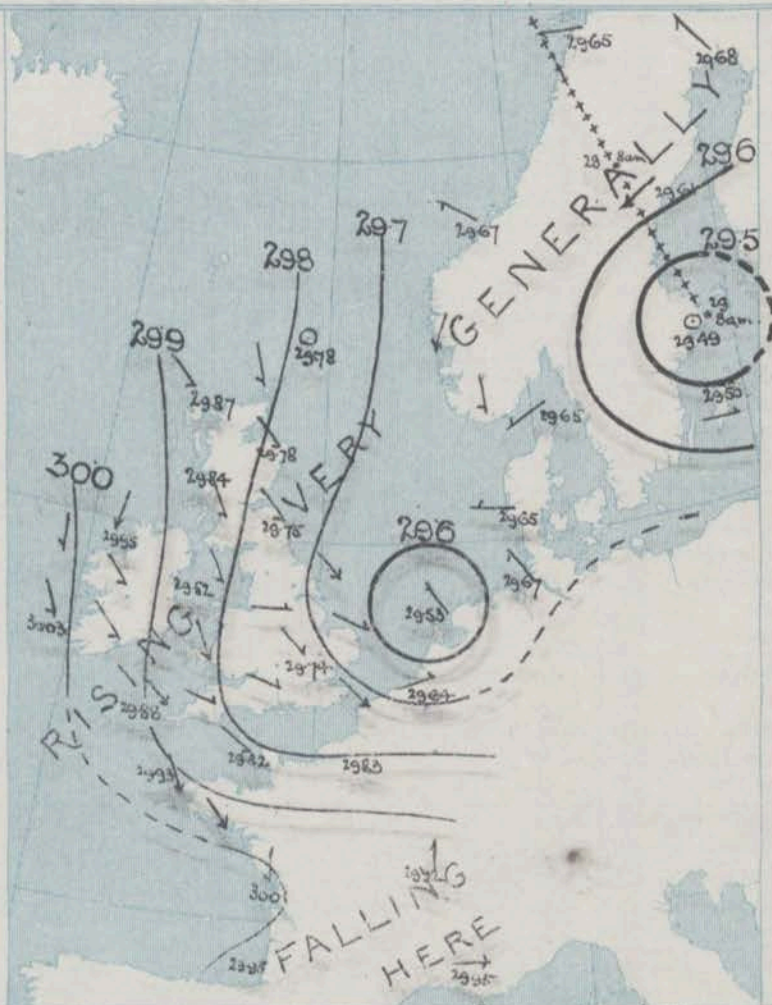
Sea Disturbance—where considerable is shown thus

— Rough. — High.

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|---------------|---------------|
| Sumburgh Head | 29.724 |
| Stormway | 29.765 |
| Wick | 29.767 |
| Nairn | 29.786 |
| Aberdeen | 29.782 |
| Leith | 29.820 |
| Shields | 29.830 |
| York | 29.847 |
| Ardrossan | 29.829 |
| Donaghadee | 29.832 |
| Holyhead | 29.845 |
| Liverpool | 29.862 |
| Valencia | 29.880 |
| Roches Point | 29.875 |
| Pembroke | 29.887 |
| Silly | 29.839 |
| Hurst Castle | 29.885 |
| Dover | 29.882 |
| LONDON | 29.885 |
| Oxford | 29.883 |
| Cambridge | 29.878 |
| Yarmouth | 29.865 |



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

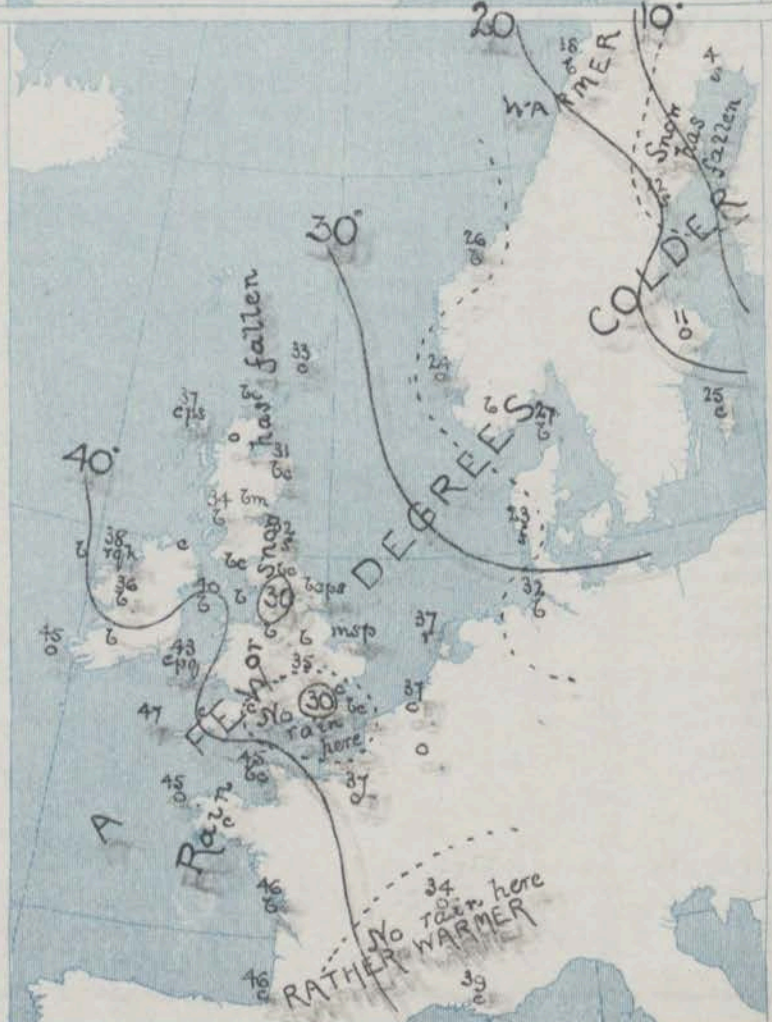
Temperature—Isotherms are drawn for each 10° changes since previous morning are stated in words.
Weather—is shown by letters of the Beaufort Scale.
Rainfall—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|---------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head | 41.0 | 39.4 | 4.18 |
| Stormway | 40.2 | 39.1 | 4.58 |
| Wick | 40.8 | 39.2 | 3.14 |
| Nairn | 40.8 | 37.2 | 2.35 |
| Aberdeen | 40.2 | 38.3 | 3.22 |
| Leith | 40.9 | 39.4 | 2.10 |
| Shields | 41.3 | 39.7 | 3.01 |
| York | 39.7 | 38.4 | 2.81 |
| Ardrossan | 42.2 | 39.8 | 3.65 |
| Donaghadee | 42.5 | 41.3 | 3.03 |
| Holyhead | 45.1 | 43.3 | 3.51 |
| Liverpool | 47.5 | 45.4 | 2.53 |
| Valencia | 46.8 | 44.6 | 5.19 |
| Roches Point | 45.3 | 43.6 | 4.25 |
| Pembroke | 46.2 | 44.2 | 3.68 |
| Silly | 49.5 | 47.4 | 3.70 |
| Hurst Castle | 44.1 | 43.1 | 2.87 |
| Dover | 43.6 | 41.9 | 3.79 |
| LONDON | 41.3 | 39.9 | 2.07 |
| Oxford | 40.5 | 39.2 | 2.09 |
| Cambridge | 39.6 | 38.4 | 1.95 |
| Yarmouth | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Saturday 29th November 1884, at 8 a.m.

The depression which lay over Scandinavia and Denmark yesterday have continued to travel south-eastwards, and while one of these has reached the neighbourhood of Stockholm the other has passed away ^{from} our area. In the course of the night, however, a new depression appears to have formed near the Helder and the barometer is still falling at our southern and the French and Dutch stations, while it is rising steadily in the north. Light breezes from the E. or North-eastward prevail over Scandinavia and Denmark, but in our islands the wind is Northerly or North-westerly & at some of the western stations it blows strongly. Rain is falling at Helder & snow showers on the east coast of England as well as at Honouay, but elsewhere the weather is mostly fair. A heavy fall of snow occurred at Aberdeen yesterday, & showers of hail, sleet or cold rain in many other parts of the country. A solar halo was seen at Oxford yesterday morning. Temperature has fallen a few degrees generally, & readings range from 47° at Selly to 30° at Wick, York and Loughborough, and 29° at Liverpool. Frost occurred over Great Britain last night. The sea is rather rough at some of our west and southwest stations, moderate to smooth elsewhere.

The depression near Helder seems likely to move slowly southwards or south-eastwards, and cold Northerly winds will probably continue, with snow showers over the eastern parts of the Kingdom.

FORECASTS

for the 24 hours ending at NOON on 30th November 1884.

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

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|----------------------|---|--------------------|---|
| 0 { SCOTLAND NORTH | N th and N th winds, moderate; fair on the whole, but some snow showers. | 6 { SCOTLAND WEST | N th winds, moderate or fresh; fair on the whole, but some cold showers. |
| 1 { SCOTLAND EAST |D.....D.....D..... | 7 { ENGLAND N.W. |D.....D.....D..... |
| 2 { ENGLAND N.E. | N th to N th winds, fresh or strong; changeable, some snow showers. | 8 { ENGLAND S.W. | N th to N th winds, fresh; changeable, showery. |
| 3 { ENGLAND EAST |D.....D.....D..... | 9 { IRELAND NORTH | Same as N ^{os} 6 & 7. |
| 4 { MIDLAND COUNTIES | Same as N ^o 5 | 10 { IRELAND SOUTH | Same as N ^{os} 6 & 7. |
| 5 { ENGLAND SOUTH | N th to N th winds, moderate or fresh; fair on the whole, but possibly some snow showers. | WARNINGS | None Issued |

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

| | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wca. | Sea. | | |
|---------------|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|-------|---|
| Skudesnaes | 29.56 | 28 | 27 | NNE | 1 | 0 | 2 | Valencia | 29.60 | 47 | 44 | NW | 5 | befgh | 5 |
| Sumburgh Head | 29.64 | 28 | 32 | N | 4 | 3 | 3 | Scilly | 29.89 | 48 | 45 | NNW | 7 | c | 6 |
| Stornoway | 29.77 | 39 | 36 | N | 2 | 6c | 1 | Dungeness | 29.75 | 45 | 42 | NW | 4 | c | 3 |
| Aberdeen | 29.67 | 38 | 37 | NNW | 4 | 0 | 2 | London | 29.78 | 46 | 42 | NNW | 3 | cm | 4 |
| Shields | 29.65 | 42 | 40 | NW | 2 | 0 | 3 | Yarmouth | 29.65 | 40 | 39 | NNW | 4 | cm | 3 |
| Ardrossan | 29.71 | 43 | 41 | NNE | 1 | 6 | 1 | Jersey | 29.84 | 49 | 45 | NNW | 4 | 0 | 4 |
| Mullaghmore | 29.84 | 45 | 42 | NW | 6 | c | 5 | Rocheport | 30.14 | 51 | 47 | NNW | 7 | r | 2 |
| Holyhead | 29.77 | 43 | 40 | NW | 6 | c | 5 | | | | | | | | |
| Barmullee | 29.90 | 44 | 44 | NW | 2 | 6 | 2 | | | | | | | | |

REMARKS.

The barometer continues to rise at our N. and to fall at our S. and the French stations. The wind has veered a little in most places, and increased to a moderate gale from NNW. at Lundy. The weather is fair on the whole, but hail showers are falling at Tuluze. The sea is rough on our W. and S.W. coasts.

DAILY WEATHER REPORT

for Sunday November 30th 1884.

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

| STATIONS. | † YESTERDAY EVENING. | | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|---------------------|---|--------------------|--------|---------------------|----------|---|---|-------------|------|---|--------|---------------------|----------|-------------------|-------------|------|---------------------------|--|--|
| | Barometer at 32° F. and Sea Level. | Temp. in Shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea. (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Direc. | Force. (0 to 12) | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Direc. | Force. (0 to 12) | | | Max. | Min. | | | |
| | | | | | | | | | | | | | | | | | | | |
| Haparanda | 29.81 | 3 | ENE | 2 | o | 29.89 | + .21 | 5 | 5 | + 1 | NE | 2 | o | * | 14 | 1 | 0.04 | | |
| Hernösand ... | 29.88 | 8 | Z | 0 | b | 29.97 | + .36 | -3 | -4 | - 25 | Z | 0 | b | * | 25 | ? | 0.04 | | |
| Stockholm ... | 29.71 | 3 | Z | 0 | b | 29.86 | + .37 | 23 | 22 | + 12 | NNE | 2 | b | * | ? | -2 | 0.17 | | |
| Wisby ... | 29.61 | 21 | SE | 4 | b | 29.69 | + .19 | 22 | 22 | - 2 | E | 4 | c | * | 30 | 10 | 0.06 | | |
| Bodö | 29.72 | 23 | ESE | 2 | o | 29.78 | + .13 | 22 | 20 | + 4 | ESE | 2 | o | 1 | 23 | 16 | - | | |
| Christiansund ... | 29.24 | 23 | SE | 3 | b | 29.33 | + .16 | 31 | 30 | + 5 | SSH | 3 | b | 3 | 32 | 19 | - | | |
| Skudesnaes ... | 29.87 | 18 | E | 4 | b | 29.00 | + .28 | 28 | 24 | + 4 | E | 4 | bc | 3 | ? | ? | - | | |
| Oxö (Xulansund) ... | 29.24 | 22 | NNW | 4 | b | 29.99 | + .33 | 21 | 19 | - 1 | N | 4 | b | 2 | 27 | 18 | - | | |
| Skagen (The Skaw) | 29.80 | 28 | NNE | 4 | c | 29.95 | + .30 | 26 | 22 | - 1 | NNE | 2 | bc | 1 | 28 | 25 | - | | |
| Fanö ... | 29.87 | 10 | Z | 0 | f | 29.97 | + .32 | 16 | 14 | - 7 | Z | 0 | b | * | 23 | 10 | - | | |
| Cuxhaven ... | 29.79 | 30 | ENE | 1 | c | 29.99 | + .32 | 27 | 27 | - 5 | SH | 1 | c | * | ? | 26 | - | | |
| Sumburgh Head | 29.91 | 31 | Z | 0 | b | 29.85 | + .10 | 35 | 33 | + 2 | S | 3 | s | 2 | 35 | 28 | 0.03 | | |
| Stornoway ... | 29.94 | 29 | WNW | 3 | b | 29.77 | - .10 | 38 | 35 | + 5 | SE | 4 | c | 4 | 38 | 27 | 0.01 | | |
| Wick ... | 29.94 | 25 | NNW | 1 | b | 29.86 | + .01 | 35 | 32 | + 5 | S | 1 | b | 0 | 35 | 15 | - | | |
| Nairn ... | 29.94 | 30 | Z | 0 | b | 29.83 | + .01 | 25 | 25 | - 6 | Z | 0 | b | 2 | 37 | 21 | - | | |
| Aberdeen ... | 29.96 | 27 | NNW | 1 | b | 29.90 | + .12 | 16 | 15 | - 15 | WNW | 1 | b | 1 | 34 | 15 | - | | |
| Leith ... | 29.94 | 34 | NNW | 1 | b | 29.87 | + .07 | 26 | 24 | - 8 | NE | 1 | c | * | 40 | 25 | - | | |
| Shields ... | 29.92 | 32 | N | 2 | s | 29.90 | + .18 | 28 | 27 | - 4 | SH | 1 | o | 3 | 35 | 23 | 0.19 | | |
| Spurn Head ... | 29.87 | 36 | NNW | 3 | c | 29.97 | + .31 | 31 | 31 | - 3 | WSTH | 2 | bc | 3 | 37 | 28 | 0.15 | | |
| York ... | 29.92 | 33 | N | 1 | b | 29.98 | + .25 | 25 | 25 | - 5 | SSE | 1 | m | * | 37 | 22 | - | | |
| Loughborough... | 29.92 | 32 | NNW | 2 | bc | 30.01 | + .26 | 26 | 25 | - 4 | SSE | 1 | f | * | 37 | 22 | - | | |
| Ardrossan ... | 29.96 | 33 | Z | 0 | b | 29.83 | - .01 | 33 | 33 | - 1 | E | 3 | om | 3 | 36 | 28 | - | | |
| Mullaghmore ... | 30.03 | 35 | SSH | 2 | om | 29.69 | - .26 | 41 | 41 | + 3 | N | 2 | o | 2 | 43 | 35 | 0.33 | | |
| Donaghadee ... | 30.01 | 34 | NE | 3 | bc | 29.80 | - .04 | 33 | 30 | - 5 | NN | 2 | s | 0 | 41 | 31 | 0.08 | | |
| Parsonstown ... | 30.08 | 31 | NNW | 1 | c | 29.75 | - .17 | 41 | 40 | - 5 | S | 1 | r | * | 41 | 30 | 0.07 | | |
| Barrow-in-Furness | 29.96 | 32 | N | 2 | b | 29.90 | + .12 | 34 | 33 | + 2 | ESE | 4 | o | 3 | 38 | 29 | - | | |
| Holyhead ... | 29.91 | 41 | NNE | 3 | b | 29.85 | + .03 | 38 | 37 | - 2 | SSH | 5 | rg | 4 | 41 | 34 | 0.27 | | |
| Liverpool (Bidston) | 29.95 | 33 | N | 1 | b | 29.93 | + .14 | 30 | 29 | - 5 | SE | 3 | o | 2 | 37 | 29 | - | | |
| Valencia ... | 30.10 | 44 | NNW | 2 | opm | 29.82 | - .21 | 47 | 46 | + 2 | NNW | 5 | og | 5 | 50 | 42 | 0.27 | | |
| Roche's Point .. | 30.04 | 37 | N | 4 | b | 29.82 | - .13 | 46 | 46 | + 5 | W | 3 | r | 4 | 46 | 35 | 0.02 | | |
| Pembroke ... | 29.99 | 37 | NE | 4 | c | 29.89 | + .08 | 43 | 40 | 0 | SSH | 5 | rg | 4 | 44 | 36 | 0.18 | | |
| Scilly ... | 30.00 | 45 | NNW | 7 | og | 29.97 | + .09 | 47 | 45 | 0 | SH | 4 | o | 4 | 48 | 42 | 0.01 | | |
| Prawle Point ... | 29.95 | 36 | NNW | 1 | b | 30.02 | + .22 | 39 | 35 | 0 | S | 1 | o | 1 | 47 | 20 | - | | |
| Hurst Castle ... | 29.91 | 33 | NNE | 3 | b | 30.06 | + .29 | 30 | 30 | - 7 | NNE | 1 | f | 2 | 45 | 25 | 0.14 | | |
| Dungeness ... | 29.79 | 36 | N | 3 | c | 30.05 | + .32 | 29 | 29 | 0 | N | 3 | f | 2 | 40 | 29 | - | | |
| London ... | 29.87 | 35 | N | 2 | o | 30.06 | + .32 | 29 | 29 | - 6 | Z | 0 | ogf | * | 44 | 29 | - | | |
| Oxford ... | 29.97 | 30 | NNW | 2 | b | 30.05 | + .28 | 28 | 27 | - 6 | NNW | 1 | f | * | 39 | 26 | - | | |
| Cambridge ... | 29.89 | 31 | N | 1 | bc | 30.05 | + .31 | 28 | 28 | - 4 | SH | 1 | bc | * | 38 | 25 | 0.02 | | |
| Yarmouth ... | 29.82 | 38 | ENE | 6 | og | 30.01 | + .37 | 26 | 25 | - 8 | W | 3 | bc | 4 | 39 | 25 | 0.20 | | |
| The Helder | 29.83 | 34 | ENE | 1 | b | 30.00 | + .47 | 29 | 28 | - 8 | ESE | 1 | s | 1 | 39 | 27 | - | | |
| Cape Griz Nez... | | | | | | | | | | | | | | | | | | | |
| Jersey ... | 29.89 | 46 | N | 3 | bc | 30.07 | + .25 | 39 | 36 | - 6 | S | 1 | cm | 1 | 46 | 37 | 0.26 | | |
| Brest ... | 29.95 | 45 | NNW | 7 | o | 30.07 | + .14 | 42 | 29 | - 3 | Z | 0 | b | 2 | 52 | 36 | 0.04 | | |
| Lorient ... | 29.96 | ? | NNW | 8 | c | 30.10 | + .15 | 40 | 39 | - 6 | ESE | 3 | b | 2 | 50 | 36 | 0.04 | | |
| Rochefort ... | 29.98 | 48 | NNW | 7 | bc | 30.17 | + .16 | 35 | 33 | - 11 | NE | 3 | b | 2 | 50 | 30 | 0.12 | | |
| Biarritz ... | 29.98 | 46 | S | 4 | c | 30.07 | + .09 | 45 | 44 | - 1 | E | 3 | o | 2 | 57 | 43 | 0.32 | | |
| Corunna ... | * | * | * | * | * | 30.25 | | 40 | 39 | | ESE | 4 | b | 4 | 57 | 34 | 0.12 | | |
| Brussels ... | * | * | * | * | * | 30.06 | + .42 | 26 | 26 | - 11 | NE | 1 | b | * | 41 | 26 | - | | |
| Charleville ... | 29.73 | 36 | SSH | 4 | o | 29.96 | + .27 | 29 | 29 | - 7 | NNE | 4 | b | * | 36 | 28 | - | | |
| Paris ... | 29.71 | 39 | SH | 3 | s | 30.09 | + .26 | 32 | 31 | - 5 | SH | 1 | b | * | * | * | 0.25 | | |
| Lyons ... | 29.90 | 37 | E | 1 | o | 30.09 | + .17 | 32 | 30 | - 2 | NN | 1 | o | * | 42 | 31 | 0.04 | | |
| Toulon ... | 29.57 | 41 | NN | 5 | bc | 29.85 | - .10 | 36 | 31 | - 3 | NN | 5 | bc | 4 | ? | 36 | - | | |
| Belmullet | 30.04 | 38 | N | 2 | o | 29.74 | - .25 | 45 | 43 | + 4 | NN | 4 | bc | * | 45 | 37 | 0.57 | | |

EXPLANATION OF COLUMNS.

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

† The evening observations are taken at 6 p.m. in France and our Islands with the exception of Oxford, where they are taken at 8 p.m. In Sweden, Norway, and Denmark, the observations are taken at 8 p.m. (Christiania time).

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

Fred^r Danversfield 15th London.

WEATHER CHARTS

for 8 a.m. on Sunday 30th Nov^r 1884.

BAROMETER, WIND & SEA.

(Explanation of Map)

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

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

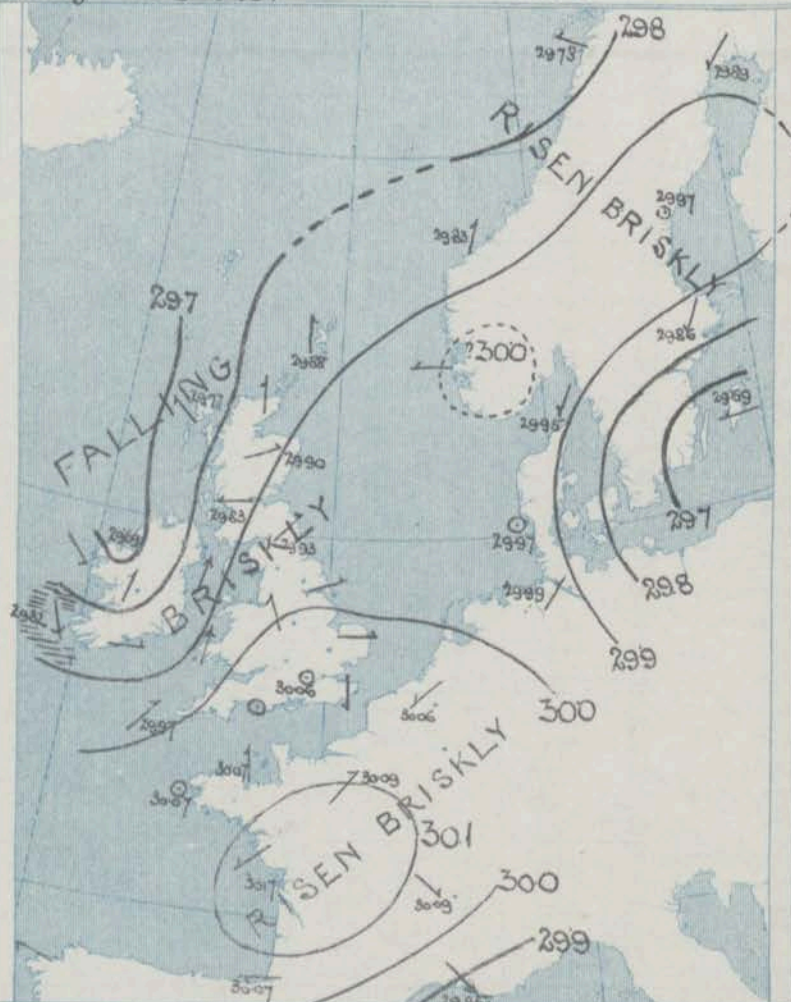
→ = forces above 10, →→ = forces 8 to 10,
 →→ = forces 5 to 7, → = forces 1 to 4,
 ○ = dead calm.

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

MEAN HEIGHT of the BAROMETER

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

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head. | 29.724 |
| Stornoway. | 29.765 |
| Wick. | 29.767 |
| Nairn. | 29.766 |
| Aberdeen. | 29.782 |
| Leith. | 29.820 |
| Shields. | 29.830 |
| York. | 29.837 |
| Ardrossan. | 29.829 |
| Donaghadee. | 29.832 |
| Holyhead. | 29.845 |
| Liverpool. | 29.862 |
| Valencia. | 29.880 |
| Roche's Point. | 29.895 |
| Pembroke. | 29.867 |
| Scilly. | 29.890 |
| Hurst Castle. | 29.885 |
| Dover. | 29.882 |
| LONDON. | 29.885 |
| Oxford. | 29.888 |
| Cambridge. | 29.878 |
| Yarmouth. | 29.855 |



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

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

Weather — is shown by Letters of the Beaufort Scale.

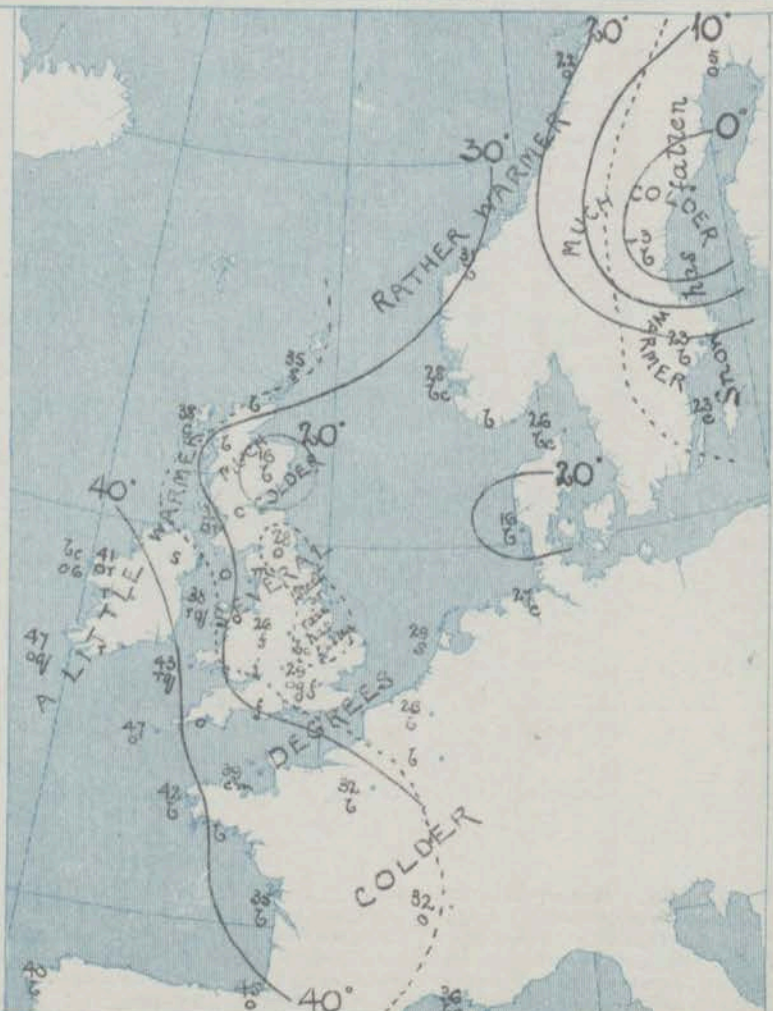
Rainfall — A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more, are quoted in figures.

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

for the month of November.

| STATIONS. | TEMPERATURE | | RAINFALL |
|----------------|-------------|-----------|----------|
| | Dry Bulb. | Wet Bulb. | |
| Sumburgh Head. | 41.0 | 39.4 | 4.18 |
| Stornoway. | 40.2 | 39.1 | 4.38 |
| Wick. | 40.6 | 39.2 | 3.14 |
| Nairn. | 38.8 | 37.2 | 2.05 |
| Aberdeen. | 40.2 | 38.3 | 3.22 |
| Leith. | 40.9 | 39.4 | 2.18 |
| Shields. | 41.3 | 39.7 | 3.01 |
| York. | 39.7 | 38.4 | 2.31 |
| Ardrossan. | 42.2 | 39.8 | 3.65 |
| Donaghadee. | 42.5 | 41.3 | 3.03 |
| Holyhead. | 45.1 | 43.3 | 3.51 |
| Liverpool. | 41.5 | 39.8 | 2.53 |
| Valencia. | 46.8 | 44.6 | 5.14 |
| Roche's Point. | 45.3 | 43.6 | 4.24 |
| Pembroke. | 46.2 | 44.2 | 3.88 |
| Scilly. | 48.5 | 47.4 | 3.70 |
| Hurst Castle. | 44.1 | 43.1 | 2.87 |
| Dover. | 43.6 | 41.9 | 3.79 |
| LONDON. | 41.3 | 39.9 | 2.07 |
| Oxford. | 40.5 | 39.2 | 2.09 |
| Cambridge. | 39.6 | 38.8 | 1.95 |
| Yarmouth. | 42.6 | 41.6 | 3.31 |

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



REMARKS.

for Sunday 30th November.

1884, at 8 a.m.

The depression noticed near Stockholm yesterday has passed away to the SE^{wd}, and the disturbance near the Dutch coast has disappeared, but a new area of low pressure is advancing towards the north-west of our Islands and the barometer has begun to fall again in Ireland & Scotland. The wind is N³ in the south of Scandinavia, and NW³ in the east of Ireland, but over Great Britain it is SW³ or S³. In force it is light or moderate generally. The weather is dull on our western and southern coasts, with rain in many places and fog over England, but in the north and east of our Islands it is generally fair. Since yesterday cold rain or sleet has fallen in most places. Temperature has risen a little at some of our western stations, but fallen elsewhere, and readings now range from 47° at Valencia and Seilly, to 16° at Aberdeen. Hard frost occurred in Scotland last night, the lowest minima being 15° at Wick and Aberdeen, 21° at Kairn and 22° at Litch. The sea is rough at Valencia, moderate to smooth elsewhere.

FORECASTS

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

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 { SCOTLAND
NORTH

1 { SCOTLAND
EAST

2 { ENGLAND
N.E.

3 { ENGLAND
EAST

4 { MIDLAND
COUNTIES

5 { ENGLAND
SOUTH

None issued

6 { SCOTLAND
WEST

7 { ENGLAND
N.W.

8 { ENGLAND
S.W.

9 { IRELAND
NORTH

10 { IRELAND
SOUTH

WARNINGS

None issued.

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

| YESTERDAY'S 2 P.M. REPORTS AND REMARKS. | | | | | | | | | | | | | | | |
|---|-------|------|------|-------|------|------|---|-----------|-------|------|-------|------|------|------|---|
| | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | Bar. | Dry. | Wet. | Wind. | Wea. | Sea. | | |
| Skudesnaes | 29.78 | 29 | 27 | NNW | 2 | c | 2 | Valencia | 30.08 | 47 | 44 | N | 3 | cq | 4 |
| Sumburgh Head | 29.88 | 30 | 28 | NE | 1 | bc | 2 | Scilly | 29.98 | 47 | 42 | NNW | 7 | c | 6 |
| Stornoway | 29.94 | 30 | 35 | NNW | 1 | b | 1 | Dungeness | 29.74 | 36 | 34 | NW | 2 | bc | 2 |
| Aberdeen | 29.89 | 30 | 32 | NNW | 4 | b | 2 | London | 29.78 | 38 | 34 | NNW | 3 | b | • |
| Shields | 29.86 | 34 | 34 | N | 2 | c | 3 | Yarmouth | 29.89 | 37 | 36 | NNE | 7 | rght | 5 |
| Ardrossan | 29.92 | 37 | 35 | NNW | 1 | b | 0 | Jersey | 29.80 | 44 | 42 | NNW | 4 | bc | 4 |
| Mullaghmore | 30.04 | 38 | 36 | NE | 4 | c | 4 | Rochefort | 30.01 | 49 | 45 | NW | 7 | c | 2 |
| Holyhead | 29.91 | 39 | 37 | NNW | 4 | bc | 4 | | | | | | | | |
| Bismutlet | 30.02 | 41 | 39 | N | 2 | c | • | | | | | | | | |

REMARKS.

Pressure has increased very generally since the morning, but the change has been slight except in the north. The wind has veered to NNE. at Yarmouth, increased to a moderate gale with rain and hail squalls. The sea is rough at Scilly, rather so at Yarmouth, moderate to smooth elsewhere.

CORRECTIONS AND ADDITIONS TO THE REPORTS FOR

Nov. 1894

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

| DATE. | STATIONS. | + YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS. | | |
|------------------|--------------|---|--------------------|-------|----------------------|----------|---|---|-------------|------|---|-------|----------------------|----------|------------------|-------------|----------------|---------------------------|--|
| | | Barometer at 32° F. and Sea Level. | Temp. in shade. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | |
| | | | | Dir. | Force. (0 to 12). | | Reading at 32° F. and Sea Level. | Difference from 8 a.m. yesterday. | Dry. | Wet. | Difference from 8 a.m. yesterday. | Dir. | Force. (0 to 12). | | | Max. | Min. | | |
| 1 st | Sally 2pm | - | - | - | - | - | 29.91 | - | 58 | 56 | - | S | 6 | C | 6 | - | - | - | |
| 3 rd | Corunna... | * | * | * | * | * | 30.15 | + 15 | 55 | 54 | - 5 | NNE | 7 | O | 4 | ? | 46 | - | |
| 5 th | Jans... | 29.98 | 40 | SE | 6 | A | 29.56 | - 50 | 46 | 46 | + 11 | SSE | 5 | O | * | 46 | 34 | 0.04 | |
| | Corunna... | * | * | * | * | * | 30.23 | - | 53 | 52 | - | ESE | 1 | f | 4 | 63 | 45 | - | |
| 7 th | Corunna... | * | * | * | * | * | 30.13 | - | 53 | 53 | - | NNW | 5 | A | 4 | 63 | 46 | 0.35 | |
| 10 th | truly... | 30.02 | 48 | W | 5 | C | 30.07 | + 03 | 47 | 46 | + 1 | WSE | 6 | B | * | 50 | 39 | - | |
| 11 th | Maparanda... | 29.52 | 37 | SW | 2 | B | 30.08 | + 91 | 40 | 36 | - 1 | N | 4 | B | * | 41 | 34 | - | |
| | Corunna... | * | * | * | * | * | 30.36 | - | 50 | 49 | - | E | 3 | B | 4 | 66 | 41 | - | |
| 12 th | Soulon... | 30.25 | 60 | E | 3 | O | 30.21 | - 05 | 57 | 51 | + 1 | E | 4 | O | 3 | ? | 55 | - | |
| 13 th | Corunna... | * | * | * | * | * | 30.27 | - | 50 | 49 | - | ESE | 1 | B | 4 | 64 | 41 | - | |
| 15 th | Corunna... | * | * | * | * | * | 30.20 | - | 49 | 47 | - | E | 3 | B | 3 | 64 | 41 | - | |
| 17 th | Corunna... | * | * | * | * | * | 30.21 | - | 49 | 48 | - | ESE | 4 | B | 4 | 61 | 39 | - | |
| 19 th | Corunna... | * | * | * | * | * | 30.26 | - | 52 | 49 | - | ESE | 7 | B | 4 | 61 | 36 | - | |
| | Soulon... | 29.99 | 41 | NNW | 7 | N | 30.01 | - 05 | 40 | 36 | - 5 | NNW | 5 | B | 4 | 52 | 37 | - | |
| 21 st | Corunna... | * | * | * | * | * | 30.20 | - | 42 | ? | - | ESE | 1 | n | 2 | 52 | 34 | - | |
| 24 th | Corunna... | * | * | * | * | * | 30.37 | + 01 | 37 | 36 | - 3 | SE | 3 | B | 3 | 54 | 37 | - | |
| 25 th | Corunna... | * | * | * | * | * | 30.30 | - 07 | 37 | 37 | 0 | SE | 3 | B | 2 | 54 | 36 | - | |
| 26 th | Corunna... | * | * | * | * | * | 30.37 | + 07 | 39 | 38 | + 2 | E | 3 | B | 2 | 54 | 36 | - | |
| 27 th | Corunna... | * | * | * | * | * | 30.53 | + 16 | 38 | 36 | - 1 | SSW | 3 | B | 2 | 54 | 37 | - | |

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 ... | 29.947 | 41.2 | 37.0 | 45.0 | 41.0 | 28 | 30 th | 54 | 8 th | 0.223 |
| | Wick ... | 29.990 | 40.5 | 35.3 | 45.1 | 40.2 | 15 | 30 th | 53 | 1 st 3 rd 18 th | .218 |
| | Stornoway ... | 29.986 | 42.5 | 37.3 | 46.4 | 41.9 | 27 | 30 th | 54 | 11 th | .246 |
| 1. SCOTLAND, E. | Nairn ... | 30.005 | 39.9 | 35.9 | 45.1 | 40.5 | 21 | 30 th | 55 | 8 th | .223 |
| | Aberdeen ... | 30.031 | 40.6 | 35.7 | 46.4 | 41.1 | 15 | 30 th | 55 | 1 st | .215 |
| | Leith ... | 30.060 | 41.4 | 36.9 | 47.5 | 42.2 | 22 | 30 th | 59 | 7 th | .192 |
| 2. ENGLAND, N.E. | Shields ... | 30.096 | 42.4 | 38.0 | 47.7 | 42.9 | 23 | 30 th | 58 | 1 st | .239 |
| | York ... | 30.135 | 40.6 | 36.5 | 47.6 | 42.1 | 22 | 30 th | 59 | 1 st | .230 |
| | Spurn Head ... | 30.116 | 43.3 | 40.1 | 46.9 | 43.5 | 28 | 30 th | 50 | 2 nd | .263 |
| 3. ENGLAND, E. | Yarmouth ... | 30.126 | 42.2 | 39.0 | 46.4 | 42.7 | 25 | 30 th | 58 | 5 th | .245 |
| | Cambridge ... | 30.169 | 39.6 | 34.6 | 47.0 | 40.8 | 22 | 25 th | 60 | 7 th | .229 |
| 4. MIDLAND COUNTIES. | Loughborough ... | 30.159 | 39.5 | 35.3 | 47.2 | 41.3 | 22 | 30 th | 58 | 2 nd + 7 th | .222 |
| | Oxford ... | 30.180 | 39.9 | 36.4 | 47.4 | 41.9 | 26 | 25 th + 30 th | 60 | 2 nd | .223 |
| 5. ENGLAND S. | London ... | 30.175 | 41.3 | 37.6 | 48.4 | 43.0 | 25 | 25 th | 61 | 5 th + 7 th | .232 |
| | Dunfermess ... | 30.154 | 42.0 | 39.5 | 49.0 | 44.3 | 28 | 25 th + 26 th | 59 | 6 th + 7 th + 8 th | .233 |
| | Hurst Castle ... | 30.178 | 43.2 | 39.2 | 50.2 | 44.7 | 25 | 30 th | 60 | 2 nd | .255 |
| 6. SCOTLAND, W. | Ardrossan ... | 30.071 | 42.6 | 37.6 | 47.5 | 42.6 | 28 | 24 th + 30 th | 55 | 1 st | .249 |
| 7. ENGLAND, N.W. | *Hawes Junction ... | 28.862 | 37.9 | 33.8 | 42.1 | 38.0 | 21 | 30 th | 53 | 1 st + 7 th | .213 |
| | Barrow-in-Furness... | 30.112 | 42.6 | 39.5 | 47.4 | 43.5 | 29 | 30 th | 56 | 1 st | .234 |
| | Liverpool Obs. (Bidston) | 30.135 | 42.5 | 39.6 | 47.3 | 43.5 | 29 | 30 th | 59 | 1 st | .228 |
| | Holyhead ... | 30.138 | 46.2 | 42.8 | 49.5 | 46.2 | 34 | 30 th | 56 | 1 st + 9 th | .265 |
| 8. ENGLAND, S.W. | Pembroke ... | 30.145 | 46.9 | 43.2 | 50.0 | 46.6 | 35 | 22 nd + 25 th | 58 | 1 st | .267 |
| | Prawle Point ... | 30.194 | 45.0 | 40.9 | 51.1 | 46.0 | 30 | 30 th | 59 | 5 th | .264 |
| 9. IRELAND, N. | Donaghadee ... | 30.097 | 43.6 | 39.1 | 48.5 | 43.8 | 31 | 30 th | 55 | 1 st + 6 th | .257 |
| | Mullaghmore ... | 30.085 | 44.5 | 40.8 | 49.1 | 45.0 | 30 | 18 th | 55 | 10 th + 11 th | .257 |
| 10 IRELAND, S. | Parsonstown ... | 30.105 | 38.5 | 33.1 | 47.1 | 40.1 | 22 | 22 nd + 30 th | 55 | 6 th + 7 th + 11 th | .209 |
| | Valencia ... | 30.171 | 45.0 | 40.2 | 51.5 | 45.9 | 29 | 25 th | 56 | 1 st + 6 th + 9 th + 10 th + 11 th | .271 |
| | Roche's Point ... | 30.160 | 44.7 | 40.1 | 50.8 | 45.5 | 23 | 25 th | 56 | 4 th | .264 |
| CHANNEL ISLANDS. | Scilly (St. Mary's)... | 30.103 | 49.9 | 46.6 | 52.1 | 49.4 | 42 | 25 th + 30 th | 59 | 1 st + 5 th | .294 |
| | Jersey (Noirmont)... | 30.176 | 45.9 | 43.4 | 49.8 | 46.6 | 36 | 16 th | 60 | 5 th | .260 |

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

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

STATIONS in the BRITISH ISLANDS during the month of NOVEMBER 1884.
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. | | | | | | | | | | | | | | | | | |
| 23 | 87 | 8.2 | 1.50 | 0.41 | 7 th | 25 | 3 | 0 | 0 | 2 | 19 | 1 | 10 | 1 | 0 | 2 | 4 | 5 | 4 | 2 | 2 |
| 18 | 87 | 5.5 | 3.37 | 0.90 | 26 th | 19 | 1 | 0 | 0 | 9 | 9 | 4 | 4 | 0 | 1 | 0 | 6 | 3 | 3 | 10 | 3 |
| 46 | 90 | 6.9 | 7.22 | 1.50 | 8 th | 25 | 1 | 2 | 0 | 7 | 14 | 7 | 7 | 1 | 0 | 1 | 5 | 7 | 4 | 5 | 0 |
| 23 | 91 | 7.0 | 2.46 | 0.82 | 26 th | 18 | 0 | 0 | 0 | 7 | 17 | 2 | 0 | 3 | 1 | 2 | 2 | 6 | 5 | 4 | 7 |
| 245 | 86 | 6.0 | 3.22 | 0.78 | 4 th | 20 | 2 | 1 | 0 | 8 | 11 | 8 | 4 | 0 | 0 | 0 | 8 | 6 | 4 | 8 | 0 |
| 192 | 74 | 6.0 | 1.46 | 0.40 | 12 th | 15 | 0 | 0 | 0 | 8 | 11 | 2 | 2 | 1 | 0 | 1 | 1 | 8 | 10 | 5 | 2 |
| 239 | 88 | 7.5 | 1.40 | 0.19 | 4 th + 29 th | 16 | 2 | 0 | 1 | 2 | 14 | 5 | 1 | 2 | 0 | 0 | 8 | 7 | 5 | 6 | 1 |
| 230 | 91 | 6.8 | 1.00 | 0.26 | 4 th | 12 | 1 | 0 | 0 | 4 | 11 | 0 | 6 | 2 | 1 | 3 | 5 | 4 | 6 | 3 | 0 |
| 263 | 94 | 5.2 | 1.46 | 0.19 | 29 th | 17 | 2 | 0 | 0 | 6 | 3 | 4 | 2 | 2 | 1 | 4 | 5 | 5 | 6 | 5 | 0 |
| 245 | 91 | 6.4 | 1.90 | 0.27 | 18 th | 18 | 1 | 2 | 0 | 3 | 6 | 3 | 2 | 2 | 1 | 5 | 2 | 4 | 5 | 9 | 0 |
| 229 | 94 | 6.8 | 1.15 | 0.43 | 30 th | 13 | 2 | 0 | 0 | 9 | 19 | 0 | 8 | 0 | 3 | 1 | 7 | 5 | 3 | 1 | 2 |
| 222 | 92 | 8.2 | 1.23 | 0.37 | 30 th | 13 | 2 | 0 | 0 | 2 | 21 | 7 | 2 | 1 | 3 | 4 | 5 | 3 | 7 | 4 | 1 |
| 223 | 91 | 6.0 | 1.73 | 0.64 | 30 th | 13 | 3 | 0 | 0 | 9 | 13 | 1 | 3 | 4 | 2 | 3 | 6 | 4 | 3 | 3 | 2 |
| 232 | 90 | 6.9 | 1.30 | 0.45 | 30 th | 10 | 1 | 0 | 0 | 7 | 17 | 2 | 3 | 2 | 4 | 3 | 5 | 3 | 3 | 5 | 2 |
| 233 | 88 | 6.1 | 1.23 | 0.29 | 21 th | 8 | 0 | 0 | 0 | 5 | 9 | 0 | 6 | 2 | 4 | 4 | 2 | 3 | 4 | 4 | 1 |
| 255 | 91 | 6.3 | 1.15 | 0.29 | 2 nd | 10 | 0 | 0 | 0 | 5 | 5 | 4 | 5 | 4 | 6 | 2 | 3 | 2 | 3 | 5 | 0 |
| 249 | 91 | 5.2 | 2.75 | 1.00 | 8 th | 14 | 1 | 0 | 0 | 12 | 13 | 5 | 4 | 4 | 2 | 1 | 4 | 3 | 5 | 3 | 4 |
| 213 | 94 | 7.1 | 3.57 | 0.64 | 4 th | 18 | 2 | 0 | 0 | 7 | 18 | 0 | 4 | 3 | 4 | 3 | 3 | 8 | 3 | 2 | 0 |
| 234 | 86 | 5.9 | 1.93 | 0.43 | 30 th | 13 | 1 | 0 | 0 | 2 | 9 | 1 | 6 | 6 | 1 | 6 | 2 | 2 | 3 | 4 | 0 |
| 228 | 84 | 7.0 | 1.89 | 0.32 | 30 th | 14 | 1 | 0 | 0 | 5 | 14 | 0 | 6 | 2 | 2 | 8 | 2 | 4 | 4 | 2 | 0 |
| 265 | 86 | 7.0 | 3.51 | 0.49 | 6 th | 18 | 1 | 3 | 0 | 3 | 11 | 9 | 4 | 5 | 1 | 0 | 7 | 5 | 4 | 4 | 0 |
| 267 | 84 | 7.3 | 2.62 | 0.62 | 30 th | 16 | 0 | 0 | 0 | 3 | 13 | 5 | 4 | 6 | 4 | 2 | 4 | 3 | 3 | 4 | 0 |
| 264 | 89 | 6.1 | 1.45 | 0.43 | 2 nd | 11 | 0 | 0 | 0 | 8 | 10 | 1 | 5 | 3 | 3 | 3 | 5 | 3 | 3 | 5 | 0 |
| 257 | 90 | 6.7 | 3.07 | 0.40 | 6 th | 18 | 1 | 0 | 0 | 1 | 10 | 7 | 3 | 1 | 3 | 2 | 4 | 5 | 7 | 5 | 0 |
| 257 | 87 | 6.9 | 3.93 | 0.61 | 11 th | 22 | 1 | 3 | 0 | 6 | 11 | 7 | 4 | 2 | 1 | 3 | 5 | 7 | 3 | 5 | 0 |
| 209 | 90 | 6.1 | 2.74 | 0.87 | 1 st | 15 | 0 | 0 | 0 | 8 | 15 | 0 | 0 | 0 | 1 | 0 | 8 | 3 | 3 | 2 | 13 |
| 271 | 91 | 6.7 | 5.00 | 1.40 | 11 th | 19 | 0 | 0 | 0 | 7 | 13 | 5 | 5 | 4 | 0 | 4 | 1 | 2 | 3 | 6 | 5 |
| 264 | 89 | 5.1 | 3.12 | 1.25 | 6 th | 14 | 0 | 0 | 0 | 11 | 9 | 4 | 8 | 4 | 2 | 1 | 3 | 4 | 4 | 4 | 0 |
| 294 | 83 | 8.4 | 2.54 | 0.47 | 5 th | 22 | 0 | 0 | 0 | 1 | 17 | 4 | 5 | 3 | 5 | 3 | 4 | 4 | 1 | 5 | 0 |
| 260 | 85 | 6.1 | 2.52 | 0.48 | 27 th | 14 | 0 | 3 | 0 | 7 | 11 | 1 | 3 | 8 | 4 | 1 | 5 | 3 | 2 | 4 | 0 |

Barometric Observations at this station are not corrected for altitude

2. CORRECTIONS.

| DATE. | STATIONS. | † YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | FAST 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. | | | |
| 1 st | Scilly | | | | | | | | | | | | | | | | | | |
| | Dungeness | | | | | | 30.20 | | | | 54 | | | | | | | | |
| 2 nd | Stormway | | | | | | | | | | 42 | | | | | | | | |
| | Androssan | | | | | | | | | | | | | | 55 | | | | |
| | Parsonstown | | | | | | | | | | | | | | | 39 | | | |
| | Pembroke | | | | | | | | | | | | | | | 48 | | | |
| 3 rd | Pembroke Hd. | | | | | | | | | | | | | | | | 0.28 | | |
| | Donaghmough | | | | | | | | | | | | 6f | | | | | | |
| | Androssan | | | | | | | | | | | | | | | | | | |
| | Scilly | | | | | | | | | | | | | 6 | 47 | 44 | | | |
| | Cambridge | 29.91 | | | | | 30.08 | + 11 | | | | | | | | | | | |
| 4 th | Stormway | 29.88 | | sw | | | | | | | | | | | | | | | |
| | Scilly | | | | | | | | | | | | | | | 45 | | | |
| 5 th | York | | | | | | | | | | | | | | | 37 | | | |
| | Androssan | | | | | | | | | | | | | | | 44 | | | |
| | Holyhead | | | | | | | | | | | | | | | | 0.42 | | |
| | Pravle Point | | | SSW | | | | | | | | | | | | | | | |
| 6 th | York | | | | | | | | | | | | | | | 38 | | | |
| | Androssan | | 49 | | | | | | | | | | | | | | | | |
| 7 th | Spurn Hd. | 29.99 | | | | | | | | | | | | | | | | | |
| | York | | | | | | | | | | | | | | | | | | |
| | Pravle Point | | | | | | 29.76 | - 24 | | | | | | | 52 | | | | |
| 8 th | Donaghadee | | | | | | | | | | | SW | | | | | | | |
| 10 th | Spurn Head | | | | | | | | | 43 | | | | | | | | | |
| | Valencia | | | | | | | | | | | | | | | | No rain | | |
| 11 th | Shields | | | | | | | | | | | | | | 54 | | | | |
| | Spurn Head | | | | | | | | | 48 | | | | | | 42 | | | |
| | dyons | | | | | | | | | | | | | | | | 0.04 | | |
| 12 th | Scilly 2pm | | | | | | | | 56 | | | | | | | | | | |
| 13 th | Androssan | | | | | | | | | | | | | | 51 | | | | |
| | Scilly | | | | | | | | | | | | | | 56 | | | | |
| 14 th | Androssan | | | | | | | | | | | | | | 49 | | | | |
| | Belmullet | | | | | | | | | | | | | | | | | | |
| 15 th | Stormway 2pm | | | | | | | | | | | | 5 | | | | | | |
| 16 th | The Holders | | | | | | | | | | | | | | | 34 | | | |
| | Jersey | 30.28 | | | | | | | | | | | | | | | | | |
| 17 th | Scilly | | | | | | | | | | | | | | | | 0.31 | | |
| 19 th | Naim | | | | | | | | | | | | | | | | 0.06 | | |
| 20 th | Naim | | | | | | | | | | | | | | | | 0.06 | | |
| | Valencia | | | | | | | | | | | | | | | | No rain | | |
| 21 st | clish | | | | | | | | | | | | | | | | 0.06 | | |
| | Dungeness | | | | | | | | | | | | | | | | No rain | | |
| 23 rd | Mullaghmore | 30.85 | | | | | | | | | | | | | | | | | |
| | Barrow-in-Turner | | | | | | 30.19 | - 01 | | | | | | | | | | | |
| 24 th | Mullaghmore | 30.17 | | | | | | | | | | | | | | | | | |
| 25 th | Goxford | | | | | | 30.23 | + 16 | | | | | | | | | | | |
| 26 th | Cushaven | | | | | | | | 38 | 38 | + 10 | | 1 | | 40 | 36 | 0.48 | | |
| | Pravle Point | | | | | | | | | | | | | | | 31 | | | |
| 27 th | Hermesand | | 6 | | | | | | 5 | 5 | - 6 | | | | 18 | 1 | | | |
| | Naim | 30.05 | | | | | | | | | | | | | | | | | |
| | Barrow-in-Turner | | | | | | | | | | | | | | | 41 | 0.04 | | |
| | Hurst Castle | | | | | | | | | | | | | | | 31 | | | |
| 28 th | Dungeness | | | | | | | | | | | | | | | 42 | | | |
| 29 th | Holyhead | | | | | | | | | | | | | 4 | | 38 | | | |