

METEOROLOGICAL OFFICE.

DAILY WEATHER REPORTS.

1ST JULY TO 31ST DECEMBER,

1892.

28.4.94

Sec. Rtg. Lond.

DAILY WEATHER REPORT.

July to December 1892.



DAILY WEATHER REPORT

for 8 a.m. on Thursday, 1st September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|-------------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|---------------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Direc. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Direc. | Force (0 to 12). | | Max | Min. |
| Ins. | | ° | | | | Ins. | ° | ° | ° | | | | | | | ° | Ins. | | | |
| SCANDINAVIA. | Haparanda ... | 29.83 | 40 | N | 2 | bc | 29.87 | +18 | 38 | 36 | -3 | N | 4 | b | # | bc | 46 | 36 | - | |
| | Hernösand ... | 29.83 | 49 | NE | 4 | o | 29.69 | -06 | 48 | 46 | +2 | NE | 6 | † | # | o | 54 | 37 | 0.16 | |
| | Stockholm ... | 29.69 | 55 | E | 4 | o | 29.58 | -07 | 58 | 57 | +4 | S | 2 | o | # | o | 59 | 50 | 0.08 | |
| | Wisby ... | 29.68 | 59 | W | 4 | bc | 29.65 | -02 | 59 | 58 | 0 | SSW | 4 | † | # | bc | 66 | 52 | 0.20 | |
| | Bodö ... | 29.78 | 44 | Z | 0 | b | 29.69 | -10 | 46 | 45 | -1 | E | 4 | b | 2 | b | 52 | 37 | - | |
| | Christiansund... | 29.47 | 51 | ENE | 3 | o | 29.32 | -26 | 52 | 49 | +4 | E | 1 | c | 2 | o | 57 | 48 | - | |
| | Skudesnaes ... | 29.36 | 57 | S | 6 | † | 29.35 | -03 | 57 | 56 | 0 | W | 3 | o | 5 | o,† | 59 | 55 | 0.91 | |
| | Christiania Fjord (Færder) | 29.53 | 59 | SSW | 5 | o | 29.39 | -13 | 59 | 57 | 0 | SSW | 5 | † | 4 | o | 61 | 57 | 0.12 | |
| | Skagen (The Scaw) | 29.63 | 59 | W | 3 | c | 29.47 | -08 | 58 | 56 | - | SSW | 5 | o | 3 | c | 64 | 55 | 0.32 | |
| | Fanö ... | 29.59 | 61 | WSW | 6 | c | 29.57 | +01 | 60 | 57 | -3 | W | 6 | c | # | c | 68 | 57 | 0.24 | |
| BRITISH ISLANDS. | Sumburgh Head | 29.32 | 51 | NE | 3 | o | 29.31 | -09 | 50 | 49 | -2 | WSW | 3 | c | 5 | o | 53 | 39 | 0.02 | |
| | Stornoway ... | 29.50 | 52 | NE | 4 | o | 29.32 | -12 | 51 | 51 | -1 | SW | 5 | † | 5 | o | 54 | 44 | 0.12 | |
| | Wick ... | 29.48 | 50 | N | 4 | † | 29.48 | +14 | 50 | 47 | -2 | W | 2 | c | 2 | † | 54 | 45 | 0.06 | |
| | Nairn ... | 29.44 | 54 | HW | 2 | o | 29.43 | +11 | 49 | 48 | -2 | Z | 0 | c | 1 | o | 55 | 41 | 0.02 | |
| | Aberdeen ... | 29.39 | 52 | WSW | 5 | bcq | 29.50 | +24 | 50 | 47 | -4 | S | 3 | op | 3 | op, bcq | 55 | 47 | 0.02 | |
| | Leith ... | 29.42 | 56 | W | 2 | o | 29.53 | +28 | 53 | 49 | -3 | S | 3 | o | # | o | 57 | 47 | 0.27 | |
| | Shields ... | 29.45 | 57 | WSW | 4 | opq | 29.65 | +39 | 54 | 51 | -3 | S | 3 | c | 2 | op, opq | 63 | 46 | 0.06 | |
| | Spurn Head ... | 29.54 | 59 | SW | 5 | c | 29.78 | +35 | 56 | 56 | -3 | WSW | 4 | c | 4 | cp, bc | 63 | 51 | 0.07 | |
| | York ... | 29.42 | 58 | W | 3 | o | 29.76 | +40 | 53 | 51 | -6 | SW | 4 | c | # | o | 63 | 49 | 0.02 | |
| | Loughborough | 29.62 | 59 | WSW | 3 | c | 29.87 | +39 | 52 | 49 | -5 | WSW | 3 | o | # | c | 65 | 51 | 0.02 | |
| GERMANY & HOLLAND. | Ardrossan ... | 29.52 | 56 | W | 3 | o | 29.53 | +24 | 54 | 54 | -2 | SSW | 5 | † | 5 | o | 60 | 51 | 0.07 | |
| | Malin Head ... | 29.58 | 54 | NW | 4 | b | 29.49 | +11 | 56 | 55 | +3 | W | 4 | or | 3 | c, b | 56 | 53 | 0.28 | |
| | Mullaghmore ... | 29.68 | 52 | WNW | 4 | og | 29.60 | +12 | 56 | 55 | +2 | SW | 5 | or | 4 | bc, og | 59 | 48 | 0.22 | |
| | Belmullet ... | 29.71 | 53 | WNW | 3 | bc | 29.64 | +07 | 55 | 55 | 0 | WSW | 3 | o | # | p, bc | 57 | 50 | 0.42 | |
| | Donaghadee ... | 29.62 | 55 | WNW | 6 | o | 29.61 | +19 | 53 | 53 | -3 | WSW | 5 | † | 4 | o | 58 | 52 | 0.13 | |
| | Liverpool (Bilston) | 29.61 | 54 | W | 6 | † | 29.76 | +36 | 55 | 53 | -2 | S | 3 | o | 3 | † | 58 | 50 | 0.18 | |
| | Holyhead ... | 29.64 | 55 | W | 5 | opq | 29.74 | +32 | 56 | 55 | 0 | SW | 5 | opq, m | 5 | opq, p | 59 | 50 | 0.03 | |
| | Parsonstown ... | 29.73 | 56 | HW | 1 | o | 29.72 | +18 | 58 | 56 | +4 | SW | 1 | o | # | o | 59 | 46 | 0.03 | |
| | Valencia ... | 29.87 | 58 | W | 3 | cm | 29.86 | +13 | 60 | 57 | +5 | SW | 5 | om | 5 | cm | 60 | 53 | - | |
| | Roche's Point | 29.83 | 58 | NW | 4 | b | 29.84 | +21 | 59 | 57 | +4 | WSW | 4 | o | 4 | b | 59 | 50 | 0.06 | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 29.76 | 58 | WNW | 5 | bc | 29.84 | +30 | 58 | 57 | +2 | WSW | 6 | d | 5 | o, bc | 59 | 55 | 0.02 | |
| | Scilly ... | 29.88 | 59 | WNW | 5 | cp | 29.96 | +27 | 60 | 60 | 0 | WSW | 5 | op | 5 | c, cp | 61 | 54 | 0.11 | |
| | Prawle Point ... | 29.84 | 56 | SW | 6 | c | 29.98 | +30 | 58 | 57 | +1 | WSW | 5 | og | 4 | cp | 61 | 53 | 0.02 | |
| | Jersey (St. Aubin's) | 29.89 | 61 | WSW | 5 | bc | 30.10 | +32 | 60 | 56 | 0 | W | 4 | cm | 3 | bc | 65 | 56 | - | |
| | Hurst Castle ... | 29.80 | 60 | W | 9 | cq | 30.01 | +34 | 60 | 58 | -1 | WSW | 6 | cq | 4 | c, cq | 64 | 56 | - | |
| | Dungeness ... | 29.72 | 62 | WSW | 7 | bc | 29.97 | +31 | 57 | 54 | -4 | WNW | 4 | cq | 3 | bc | 64 | 54 | 0.10 | |
| | North Foreland | 29.71 | 60 | WSW | 7 | bq | 29.93 | +29 | 60 | 56 | -1 | W | 2 | b | 2 | c, bq | 64 | 50 | - | |
| | London ... | 29.72 | 58 | WSW | 5 | cq, p | 29.97 | +33 | 56 | 53 | -5 | NW | 2 | b | # | b, opq, b | 66 | 49 | 0.15 | |
| | Oxford ... | 29.77 | 56 | SW | 3 | o | 29.93 | +35 | 55 | 51 | -3 | SW | 3 | b | # | op | 63 | 50 | 0.05 | |
| | Cambridge ... | 29.65 | 65 | SW | 2 | † | 29.91 | +36 | 56 | 51 | -4 | WSW | 2 | bc | # | † | 65 | 49 | 0.24 | |
| PENINSULA. | Yarmouth ... | 29.62 | 61 | SW | 5 | cq, p | 29.85 | +27 | 56 | 53 | -5 | W | 5 | bc | 3 | cq, p | 67 | 51 | 0.02 | |
| | Cuxhaven ... | 29.69 | 58 | W | 4 | c | 29.70 | +03 | 58 | 57 | -6 | SW | 6 | bc | # | c | 68 | 57 | - | |
| | Berlin ... | 29.84 | 63 | SW | 2 | o | 29.95 | +15 | 61 | 57 | -7 | SW | 3 | b | # | o | 79 | 55 | 0.43 | |
| | Wiesbaden ... | # | # | # | # | # | 30.08 | +22 | 61 | 57 | -5 | SW | 4 | bc | # | # | 66 | 52 | 0.12 | |
| | Munich ... | 30.06 | 61 | SW | 2 | b | 30.19 | +21 | 59 | 57 | -10 | SW | 3 | † | # | b | 82 | 57 | 0.12 | |
| | The Helder ... | 29.71 | 62 | SW | 9 | c | 29.86 | +21 | 59 | 55 | -3 | WSW | 7 | c | 4 | c | 64 | 59 | - | |
| | Brussels (9 a.m.) | # | # | # | # | # | 30.02 | +23 | 57 | 53 | -2 | SW | 4 | c | # | b | 70 | 52 | - | |
| | Cape Gris Nez | 29.75 | 60 | WSW | 7 | bc | 29.93 | +25 | 56 | 53 | -1 | W | 5 | † | 6 | bc | 63 | 52 | 0.67 | |
| | Paris ... | 29.91 | 66 | W | 3 | bc | 30.15 | +29 | 53 | 50 | -6 | SSW | 2 | b | # | bc | 72 | 48 | - | |
| | Brest ... | ? | 61 | W | 4 | c | ? | ? | 59 | 56 | 0 | WSW | 4 | c | 4 | c | 66 | 52 | 0.12 | |
| PENINSULA. | Lorient ... | 29.99 | 62 | W | 5 | bc | 30.14 | +25 | 60 | 53 | +1 | W | 4 | bc | 3 | bc | 64 | 57 | - | |
| | Rocheport ... | 30.01 | 68 | WNW | 4 | b | 30.17 | +25 | 62 | 59 | 0 | NW | 4 | b | # | c, b | ? | 57 | 0.35 | |
| | Belfort ... | ? | 65 | W | 3 | bc | ? | ? | 60 | 54 | -7 | W | 3 | o | # | bc | 73 | 50 | - | |
| | Lyons ... | 30.02 | 66 | NE | 2 | bc | 30.01 | +04 | 59 | 55 | 0 | N | 1 | c | # | bc | 73 | 58 | 0.39 | |
| | Nice ... | 29.98 | 69 | SW | 2 | b | 30.05 | +02 | 67 | 58 | ? | E | 1 | bc | 1 | b | 81 | 61 | - | |
| | Perpignan ... | 30.03 | 70 | W | 3 | bc | 30.15 | +24 | 67 | 60 | -3 | W | 3 | b | # | bc | 80 | 62 | - | |
| | Biarritz ... | 30.07 | 67 | NW | 3 | o | 30.23 | +22 | 62 | 59 | -2 | NW | 2 | † | 2 | o | 72 | 59 | 0.32 | |
| | Corunna ... | # | # | # | # | # | 30.21 | +07 | 60 | 56 | -2 | N | 5 | b | # | # | 73 | 57 | - | |
| | Lisbon ... | 30.18 | 64 | N | 5 | b | 30.21 | +07 | 60 | 56 | -2 | N | 5 | b | # | # | 73 | 57 | - | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Thursday, 1st Sept. 1892.

BAROMETER, WIND AND 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

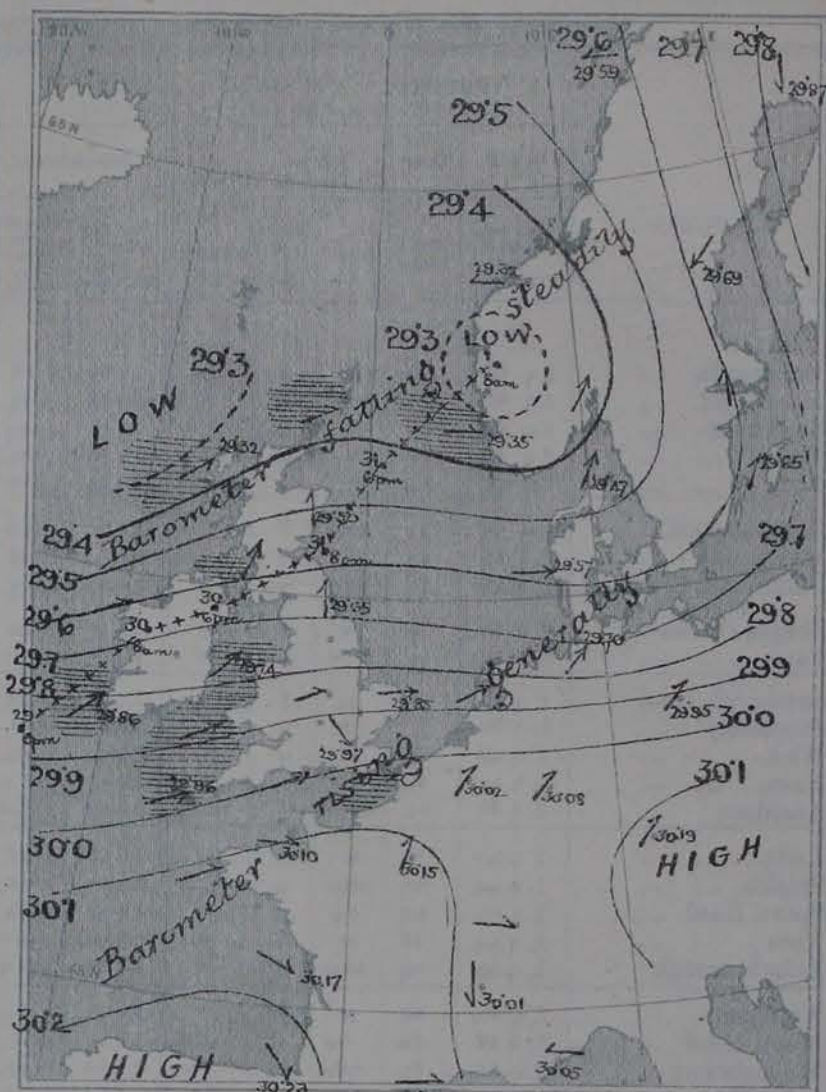
at 8.9 a.m. for the month of September

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.939 |
| Ardsawan | 29.885 |
| Mullaghmore | 29.899 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roshe's Point | 29.946 |
| Pembroke | 29.948 |
| Selly | 29.971 |
| Frawls Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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.

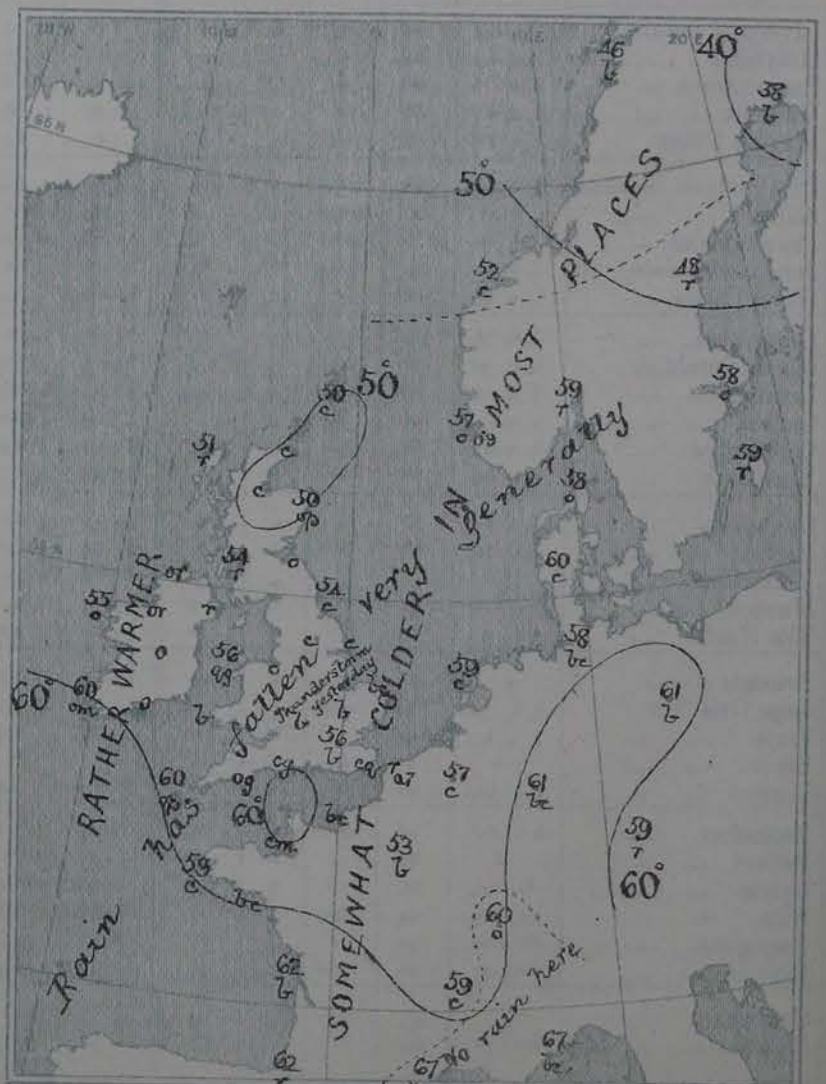
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.1 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-------------------|------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | Wet. | |
| Sumburgh Head | 65.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.58 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.0 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.0 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 45.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 45.7 | 54.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardsawan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.0 | 54.0 | 51.0 | 1.95 |
| Donaghadee | 59.0 | 49.2 | 53.6 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.0 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 1.53 |
| Roshe's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.38 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Selly | 61.8 | 54.7 | 58.4 | 56.3 | 3.41 |
| Frawls Point | 62.4 | 62.2 | 57.0 | 55.2 | 2.11 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.0 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.0 | 54.0 | 52.1 | 2.06 |
| Cambridge | 65.8 | 48.1 | 54.0 | 51.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.4 | 2.51 |

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in. and upwards, over Spain and the extreme southwest of France.
 Lowest, 29.3 in. and less, in a depression lying over the southern parts of Norway, and also in another disturbance off the northwest of Scotland.
 Gradients rather steep in most parts of Northwestern Europe, but slight over France and Spain.
 Barometer falling in the extreme west and north of our Islands and also in Scandinavia, but rising elsewhere.

TEMPERATURE

Highest, 57° at Nice and Perpignan, 62° at Rochefort and Biarritz, and 61° at Berlin and Wiesbaden.
 Lowest, 33° at Upernivik, 46° at Oslo, 48° at Kinosand, 49° at Nain, and 50° at Edinburgh, Wick, and Aberdeen.
 During yesterday, the thermometer rose to 65° or a little above at some of our southern and southeastern stations; in Ireland and Scotland the daily maxima were mostly below 60°.

WIND

Moderate to strong from the SW^W over our Islands, the Netherlands, Denmark and Germany.
 S in the south of Sweden, and E in the west of Norway, but N over the Gulf of Bothnia.
 Light and variable over the southern parts of France.

WEATHER

Dull and rainy in the extreme northwest of our Islands, as well as at some of the Scandinavian stations.
 Fine in the east and southeast of England, and also over the greater part of France and Germany.
 Rain fell yesterday in nearly all parts of Western Europe, and thunder occurred at some of the English stations.

SEA

Rather rough on our western and extreme northern coasts, as well as off the south of Norway, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new depression which is approaching the northwest of Scotland seems likely to occasion a considerable increase of wind on our northwestern coasts generally, and showery weather is likely to set in again over the eastern and southern part of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on 2nd SEPT^r 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

| | | |
|---|------------------|--|
| 1 | SCOTLAND NORTH | SW ^W winds, increasing in force; dull, rainy. |
| 2 | SCOTLAND EAST | S ^W and SW ^W winds, freshening considerably; fair to dull and rainy. |
| 3 | ENGLAND N.E. | |
| 4 | ENGLAND EAST | SW ^W and W ^W winds, strong; fair to cloudy and showery. |
| 5 | MIDLAND COUNTIES | |
| 6 | ENGLAND SOUTH | |

| | | |
|----------|---------------|--|
| 7 | SCOTLAND WEST | SW ^W to W ^W winds, strong; squally rainy. |
| 8 | ENGLAND N.W. | |
| 9 | ENGLAND S.W. | Same as N ^o 3 to 5 |
| 10 | IRELAND NORTH | Same as N ^o 6 and 7 |
| 11 | IRELAND SOUTH | SW ^W winds, increasing in force, dull, some rain. |
| WARNINGS | | At 10.15 am to district 6 and parts of 9 and 10, "Hoist South Cone". |

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards E. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|-------|----|------|------|--------------------|-------|-------|------|-------|----|------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudesnaes ... | 29.41 | 59 | 57 | S | 7 | 0 | 4 | Valencia ... | 29.83 | 56 | 52 | NW | 5 | cq | 5 |
| Sumburgh Head ... | 29.32 | 53 | 52 | NE | 3 | 0 | 6 | Scilly ... | 29.80 | 60 | 56 | NW | 6 | c | 5 |
| Stornoway ... | 29.48 | 54 | 53 | NE | 4 | 0 | 4 | Jersey ... | 29.85 | 65 | 57 | WSW | 5 | b | 4 |
| Aberdeen ... | 29.34 | 53 | 52 | NW | 5 | 0.99 | 4 | Hurst Castle ... | 29.73 | 63 | 60 | WSW | 9 | c | 5 |
| Shields ... | 29.37 | 59 | 56 | SW | 4 | 0.0 | 2 | Dungeness ... | 29.69 | 64 | 58 | WSW | 8 | bc | 6 |
| Ardrossan ... | 29.41 | 59 | 57 | W | 2 | 0 | 1 | North Foreland ... | 29.68 | 63 | 60 | WSW | 6 | c | 5 |
| Malin Head ... | 29.51 | 54 | 51 | NW | 5 | c | 4 | London ... | 29.66 | 64 | 57 | SSW | 4 | c/p | * |
| Mullaghmore ... | 29.61 | 58 | 54 | NW | 5 | bc | 4 | Yarmouth ... | 29.59 | 65 | 58 | SW | 6 | cq | 4 |
| Balmallev ... | 29.69 | 53 | 52 | NW | 3 | p | * | Rochefort ... | 30.00 | 72 | 64 | NW | 4 | bc | * |
| Holyhead ... | 29.55 | 57 | 55 | W | 5 | 0.99 | 4 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather dull and rainy in the north of Scotland, and also over the Baltic and the south of Scandinavia; showery at several of the English and Irish stations. Fine in most other parts of Europe, but a thunderstorm reported at Lyons. Rain clearing later in the north of Scotland, but heavy falls occurring in many parts of France, Germany and Denmark. Showers continuing at the English and Irish stations, with thunderstorms in some parts of our eastern and midland counties.

Temperature in morning above 65° in Germany, above 70° over the Mediterranean and Adriatic, and above 80° at some of the Algerian stations, the highest reading of all being 86° at Aumale. Below 55° in the north and northwest of our Islands, and below 50° over the northern parts of Scandinavia and Russia, the lowest reading being 41° at Haparanda, 45° at Uleaborg, and 46° at Helsingfors. Daily maxima below 60° in nearly all the more western and northern parts of the United Kingdom, but thermometer exceeding 65° at some of our southern and southeastern stations. Exceeding 80° over the southern parts of France and Germany.

Wind over northwestern Europe showing a distinct cyclonic circulation, the NE current being strong in the north of Scotland, and the W wind blowing with the force of a gale in the English Channel. Moderate from the N in Lapland; light from the SW over northern and central Russia. Light and variable in the more southern and eastern countries, but S or SE in Algeria. Gale in Channel increasing in force during day, but wind moderating in the north of Scotland.

Barometer highest 30.00 in. to 30.15 in. over nearly the whole of southern and eastern Europe. Lowest 29.5 in. in two well-marked depressions — one lying over the northeast of Great Britain, and the other in the neighbourhood of the White Sea. Former disturbance subsequently travelling in a northeasterly direction across the North Sea; small secondary systems passing eastwards over England and Ireland during day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday, 2nd September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|-------------------------------|--|-------|---|--------------|----------|-------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|------------------------|------|------|
| | BAROM. | TEMP. | WIND. | | Weather. | | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | | Dir. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dir. | Force (0 to 12). | | Max. | Min. |
| Ins. | ° | | | | | Ins. | ° | ° | ° | | | | | | | ° | ins. | | | |
| Haparanda ... | 29.77 | 38 | NE | 2 | 0 | 29.69 | -18 | 42 | 39 | + 4 | E | 4 | b | # | 0 | 45 | ? | - | | |
| Hernösand ... | 29.51 | 49 | NE | 6 | 7 | 29.43 | -26 | 53 | 52 | + 5 | N | 2 | r | # | 7 | ? | 45 | 1.30 | | |
| Stockholm ... | 29.54 | 57 | SSW | 2 | 0 | 29.59 | +01 | 58 | 54 | 0 | SW | 4 | 0 | # | 0 | 66 | 50 | 0.08 | | |
| Wisby ... | 29.52 | 62 | SW | 6 | 7 | 29.50 | -15 | 58 | 54 | - 1 | WNW | 6 | bc | # | 7 | 68 | 54 | 0.16 | | |
| Bodö ... | 29.55 | 44 | ESE | 6 | 0 | 29.41 | -28 | 46 | 44 | 0 | E | 7 | c | # | 0 | 50 | 41 | - | | |
| Christiansund... | 29.25 | 53 | WSW | 3 | 7 | 29.26 | -06 | 51 | 50 | - 1 | ESE | 3 | b | 2 | 7 | 59 | 50 | 0.12 | | |
| Skudesnaes ... | 29.40 | 55 | S | 6 | 7 | 29.33 | -02 | 56 | 53 | - 1 | SW | 6 | 7 | 5 | 7 | 57 | 54 | - | | |
| Christiania Fjord (Farder) | 29.52 | 62 | SW | 6 | 7 | 29.42 | +03 | 58 | 56 | - 1 | SSW | 5 | 7 | 4 | b | 61 | 55 | 0.04 | | |
| Skagen (The Scaw) | | | | | | | | | | | | | | | | | | | | |
| Fanö ... | 29.71 | 58 | W | 7 | 7 | 29.64 | +07 | 61 | 59 | + 1 | SW | 6 | c | # | 7 | 63 | 57 | 0.04 | | |
| Sumburgh Head | 29.22 | 52 | WSW | 4 | c | 29.18 | -13 | 48 | 45 | - 2 | WSW | 1 | c | 4 | r,c | 58 | 46 | 0.06 | | |
| Stornoway ... | 29.34 | 55 | SW | 3 | c | 29.27 | -05 | 47 | 46 | - 4 | W | 0 | b | 3 | c | 59 | 42 | 0.06 | | |
| Wick ... | 29.34 | 51 | W | 3 | bc | 29.26 | -22 | 51 | 47 | + 1 | W | 4 | bc | 1 | bc | 60 | 43 | 0.13 | | |
| Nairn ... | 29.37 | 56 | W | 2 | c | 29.30 | -13 | 50 | 47 | + 1 | SW | 1 | bc | 1 | c | 59 | 43 | 0.08 | | |
| Aberdeen ... | 29.42 | 57 | SW | 3 | c | 29.32 | -18 | 54 | 48 | + 4 | SW | 2 | bw | 2 | c | 61 | 42 | 0.10 | | |
| Leith ... | 29.49 | 56 | WNW | 3 | 0 | 29.37 | -16 | 50 | 48 | - 3 | WSW | 1 | bc | # | 0 | 58 | 46 | 0.12 | | |
| Shields ... | 29.58 | 60 | SW | 2 | op | 29.41 | -24 | 53 | 51 | - 1 | W | 2 | op | 2 | cp | 63 | 50 | 0.61 | | |
| Spurn Head ... | 29.75 | 62 | SW | 5 | 0 | 29.44 | -34 | 61 | 61 | + 5 | SSW | 7 | c | 5 | a | 63 | 55 | - | | |
| York ... | 29.71 | 62 | SWW | 4 | 0 | 29.46 | -30 | 55 | 55 | + 2 | W | 1 | 7 | # | 0 | 64 | 53 | 0.21 | | |
| Loughborough | 29.83 | 63 | SW | 4 | c | 29.56 | -31 | 60 | 58 | + 8 | SW | 5 | cq | # | c | 66 | 52 | 0.01 | | |
| Ardrossan ... | 29.53 | 55 | SW | 3 | 7 | 29.40 | -13 | 52 | 51 | - 2 | SW | 4 | c | 3 | 7 | 56 | 49 | 0.36 | | |
| Malin Head ... | 29.51 | 51 | WSW | 4 | op | 29.38 | -11 | 49 | 47 | - 7 | W | 5 | cq,p | 3 | o.op | 57 | 47 | 0.33 | | |
| Mullaghmore ... | 29.56 | 55 | SW | 4 | or | 29.49 | -11 | 53 | 49 | - 3 | SW | 5 | c,p | 3 | or,p | 57 | 49 | 0.42 | | |
| Belmullet ... | 29.59 | 55 | WSW | 3 | or | 29.53 | -11 | 52 | 49 | - 3 | WNW | 5 | b | # | 7 | 55 | 49 | 0.29 | | |
| Donaghadee ... | 29.59 | 56 | WSW | 3 | 0 | 29.48 | -13 | 53 | 52 | 0 | W | 6 | bc | 4 | 0 | 59 | 51 | 0.48 | | |
| Liverpool (Bidston). | 29.73 | 60 | SW | 6 | 0 | 29.54 | -22 | 53 | 52 | - 2 | W | 5 | 0 | 4 | 0 | 63 | 53 | 0.14 | | |
| Holyhead ... | 29.73 | 58 | SW | 6 | om,q | 29.56 | -18 | 53 | 51 | - 3 | W | 5 | bc,q | 5 | om,q | 61 | 51 | 0.31 | | |
| Parsonstown ... | 29.69 | 60 | SW | 2 | 7 | 29.61 | -11 | 51 | 49 | - 7 | SW | 1 | 7 | # | 7 | 62 | 49 | 0.50 | | |
| Valencia ... | 29.78 | 59 | S | 5 | 7m | 29.72 | -14 | 57 | 52 | - 3 | W | 6 | 0 | 6 | om,r | 64 | 52 | 0.13 | | |
| Roche's Point | 29.82 | 60 | WSW | 5 | om | 29.68 | -16 | 56 | 53 | - 3 | W | 3 | b | 3 | m,or | 63 | 53 | 0.10 | | |
| Pembroke (St. Ann's Hd.) | 29.87 | 60 | SW | 6 | 0 | 29.66 | -18 | 57 | 53 | - 1 | W | 4 | cq | 5 | 0 | 61 | 56 | 0.06 | | |
| Scilly ... | 30.00 | 62 | SW | 5 | 0 | 29.76 | -20 | 60 | 60 | 0 | WNW | 5 | c | 4 | bc,o | 68 | 59 | 0.57 | | |
| Prawle Point ... | 30.03 | 59 | W | 5 | 0 | 29.74 | -24 | 58 | 58 | 0 | SW | 7 | or | 6 | o,p | 61 | 56 | 0.32 | | |
| Jersey (St. Aubin's) | 30.10 | 65 | WSW | 3 | c | 29.92 | -18 | 62 | 61 | + 2 | SW | 5 | om,q | 4 | om,q | 69 | 59 | 0.07 | | |
| Hurst Castle ... | 30.01 | 61 | WSW | 8 | cq | 29.77 | -24 | 60 | 59 | 0 | SW | 8 | or,m | 5 | or,m,c | 63 | 59 | 0.31 | | |
| Dungeness ... | 29.96 | 60 | WSW | 7 | o,q | 29.78 | -19 | 61 | 60 | + 4 | WSW | 7 | rq | 6 | c,o,q | 65 | 57 | 0.09 | | |
| North Foreland | 29.96 | 60 | W | 7 | o,q,p | 29.75 | -18 | 61 | 61 | + 1 | WSW | 8 | o,q,r | 5 | o,q,p | 65 | 57 | 0.02 | | |
| London ... | 29.94 | 62 | SW | 4 | c | 29.72 | -25 | 61 | 58 | + 5 | SW | 5 | o,q,p | # | bc,p,o | 66 | 55 | 0.02 | | |
| Oxford ... | 29.92 | 60 | SW | 3 | 0 | 29.66 | -27 | 59 | 57 | + 4 | SSW | 4 | rq | # | c,o | 64 | 55 | 0.04 | | |
| Cambridge ... | 29.90 | 59 | WSW | 2 | c | 29.64 | -27 | 61 | 58 | + 5 | SW | 3 | 0 | # | c | 65 | 54 | 0.04 | | |
| Yarmouth ... | 29.85 | 62 | WSW | 5 | cq | 29.65 | -20 | 60 | 59 | + 4 | SSW | 6 | cq | 4 | cq | 64 | 55 | 0.04 | | |
| Cuxhaven ... | 29.86 | 60 | W | 4 | c | 29.80 | +10 | 61 | 59 | + 3 | SW | 5 | c | # | c | 63 | 58 | - | | |
| Berlin ... | 30.03 | 60 | W | 2 | b | 30.05 | +10 | 59 | 53 | - 2 | SW | 3 | 0 | # | b | 72 | 52 | - | | |
| Wiesbaden ... | * | * | * | * | * | 30.16 | +08 | 55 | 51 | - 6 | W | 1 | b | # | # | 70 | 48 | - | | |
| Munich ... | 30.30 | 56 | SW | 5 | b | 30.23 | +09 | 57 | 53 | - 2 | SW | 2 | b | # | b | 61 | 46 | 0.20 | | |
| The Helder ... | 29.91 | 62 | SW | 7 | 0 | 29.79 | -07 | 62 | 60 | + 3 | SW | 7 | 0 | # | 0 | 63 | 59 | - | | |
| Brussels (9 a.m.) | * | * | * | * | * | | | | | | | | | | | | | | | |
| Cape Gris Nez | 29.99 | 60 | WSW | 6 | 0 | 29.84 | -09 | 59 | 59 | + 3 | SW | 6 | 7 | # | 0 | 61 | 56 | 0.04 | | |
| Paris ... | 30.19 | 63 | SW | 2 | b | 30.12 | -03 | 56 | 48 | + 3 | SSW | 3 | bc | # | b | 70 | ? | - | | |
| Brest ... | ? | 61 | WSW | 4 | 7 | ? | ? | 61 | 60 | + 2 | SW | 4 | 0 | 4 | 7 | 64 | 55 | 2.13 | | |
| Lorient ... | 30.18 | 65 | SW | 4 | bc | 30.03 | -11 | 62 | 58 | + 2 | SW | 5 | c | 5 | bc | 68 | 59 | 0.04 | | |
| Rochefort ... | 30.23 | 66 | WNW | 3 | b | 30.13 | -04 | 59 | 58 | - 3 | S | 4 | b | # | b | 73 | 57 | - | | |
| Belfort ... | ? | 62 | W | 3 | bc | ? | ? | 60 | 54 | 0 | W | 3 | b | # | bc | 71 | 41 | - | | |
| Lyons ... | 30.25 | 65 | NHE | 1 | bc | 30.23 | +22 | 58 | 53 | - 1 | WSW | 1 | b | # | bc | 73 | 59 | - | | |
| Nice ... | 30.04 | 69 | NE | 1 | 0 | 30.11 | +06 | 71 | 54 | + 4 | Z | 0 | bc | 1 | bc | 81 | 64 | - | | |
| Perpignan ... | 30.21 | 68 | W | 3 | 0 | 30.18 | +03 | 63 | 59 | - 4 | WSW | 1 | 0 | # | 0 | 77 | 57 | - | | |
| Biarritz ... | 30.25 | 69 | N | 3 | b | 30.12 | -11 | 59 | 56 | - 3 | ESE | 3 | bc | 2 | b | 73 | 55 | - | | |
| Corunna ... | * | * | * | * | * | | | | | | | | | | | | | | | |
| Lisbon ... | 30.12 | 64 | WNW | 6 | b | 30.04 | -17 | 65 | 58 | + 5 | WNW | 4 | b | # | b | 73 | 60 | - | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Friday, 2nd Sept: 1892.

BAROMETER, WIND AND 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

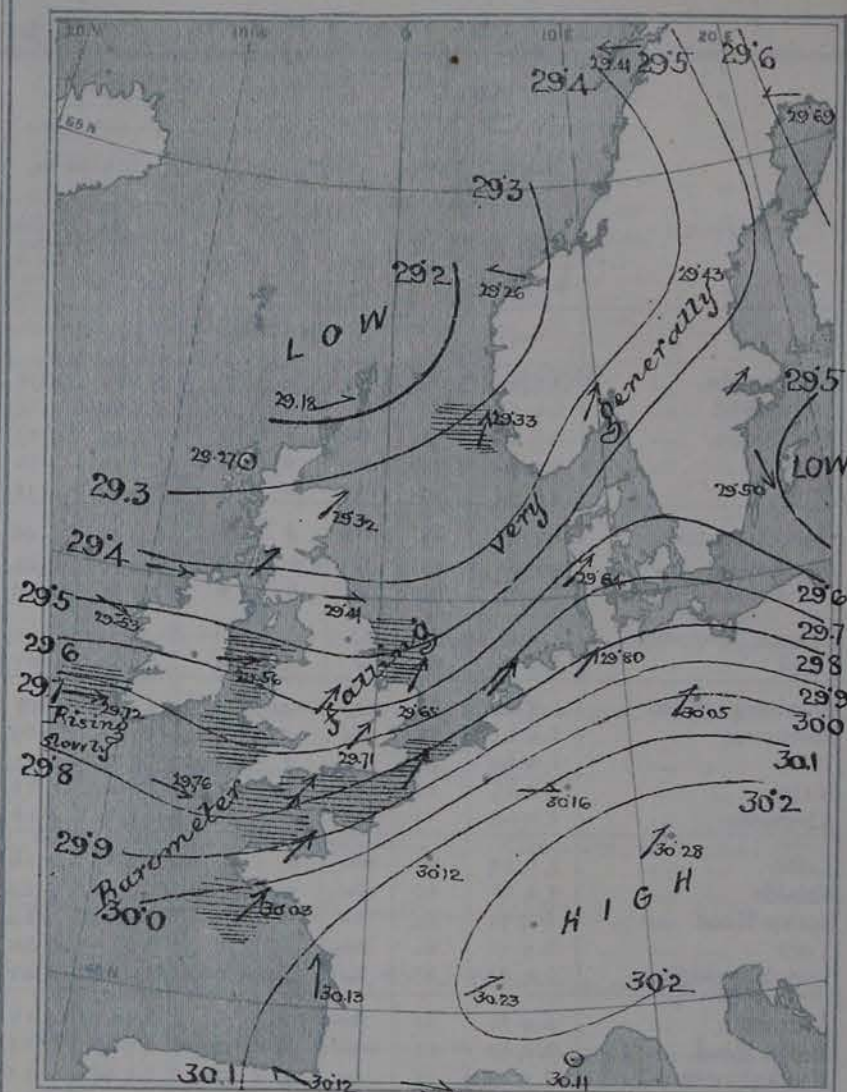
at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.940 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------|---------------|---------------|-------------------|-------------------|-----------------------|
| | Daily Max. | Daily Min. | At 8 a.m. Dry. | At 8 a.m. Wet. | |
| Sumburgh Head | 55.0 | 45.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.55 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.31 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.8 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 60.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.0 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 55.5 | 54.2 | 1.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 1.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 54.7 | 58.4 | 56.8 | 3.11 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.1 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.0 | 57.7 | 55.2 | 2.64 |
| LONDON | 63.4 | 49.0 | 55.8 | 53.5 | 2.33 |
| Oxford | 64.0 | 48.9 | 54.0 | 52.1 | 2.06 |
| Cambridge | 65.0 | 48.1 | 54.6 | 53.0 | 2.20 |
| Yarmouth | 62.4 | 51.4 | 56.3 | 54.4 | 2.31 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 ins. and upwards, in an anticyclone lying over Scotland, and the southern parts of Germany.
 Lowest, 29.2 ins. and less, in a depression lying to the northward of Scotland. Secondary disturbances are passing across various parts of our Islands and the North Sea.
 Gradients steep over Denmark, the Netherlands, the southeast of England, and the southern parts of the North Sea, but slight elsewhere.
 Barometer falling in most parts of Western Europe, but rising again at Valencia Island.

TEMPERATURE

Highest, 71° at Nice, 65° at Lisbon, 63° at Perpignan, 62° at Jersey, the Helder, and Orient, and 61° at Faro, Ayr, and Birmmoss, Cambridge and in London.
 Lowest, 42° at Haparanda, 46° at Bodo, 47° at Tromsø, 48° at Lumburg, 49° at Malin.
 The highest maximal observed over our Islands yesterday were 69° at Jersey, 68° at Scilly, and 66° at Poughborough and in London.

WIND

W in Ireland, Wales, and the southwest of England, but SW in nearly all other parts of Western Europe; strong to a gale in force in the east and south of England, and also on the eastern shores of the North Sea.
 Moderate to strong from the eastward in the north of Scandinavia, light and variable in the south of France.

WEATHER

Rainy over the southern part of England, as well as in the south of Scandinavia, and showery over Ireland and the north of England, fine in Scotland and also in France, Germany, and the northern part of Scandinavia.
 Considerable falls of rain have again occurred in many districts, the largest amounts reported in our Islands being 1.6 in. at Shields and Scilly, and 0.5 in. at Larne. At Hemsand there has been as much as 1.3 ins.:

SEA

Rough or rather so on most parts of the English and Irish coast, as well as off the northwest of France.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Conditions are still favourable for the advance of depressions from the westward, and unsettled showery weather is therefore likely to continue with gales on many parts of our southern coasts.

FORECASTS

For the 24 hours ending at NOON on 3rd SEPT. 1892.

| DISTRICTS. | | FORECASTS. | |
|------------|------------------|---|---|
| 0 | SCOTLAND NORTH | } | W ^{ly} and SW ^{ly} winds, strong, squally, showery. |
| 1 | SCOTLAND EAST | | |
| 2 | ENGLAND N.E. | | |
| } | | | |
| 3 | ENGLAND EAST | } | W ^{ly} to SW ^{ly} or S ^{ly} winds, strong, unsettled, rain at times. |
| 4 | MIDLAND COUNTIES | | |
| 5 | ENGLAND SOUTH | | |
| } | | | |
| | | WARNINGS | |
| | | At 7 15 pm yesterday to districts 3.5.7.8.10 and part of 9. "Hoist South Cone". The signals are now being sent with great effect. | |

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W. coasts). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. |
|-----------------|-------|-------|------|-------|----|------|------|--------------------|-------|-------|------|-------|----|------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudesnaes ... | 29.29 | 54 | 52 | W | 5 | T | 5 | Valencia ... | 29.86 | 62 | 59 | SW | 5 | om | 5 |
| Stornoway ... | 29.34 | 51 | 48 | SW | 3 | T | 4 | Scilly ... | 30.01 | 66 | 63 | WSW | 5 | bc | 4 |
| Aberdeen ... | 29.41 | 58 | 57 | SW | 5 | C | 5 | Jersey ... | 30.12 | 68 | 61 | SW | 3 | ogm | 3 |
| Shields ... | 29.59 | 56 | 54 | SSW | 2 | C | 3 | Hurst Castle ... | 29.99 | 61 | 60 | WSW | 8 | orm | 5 |
| Ardrossan ... | 29.55 | 59 | 58 | W | 3 | cp | 2 | Dungeness ... | 29.97 | 63 | 59 | W | 7 | C | 6 |
| Malin Head ... | 29.52 | 56 | 55 | SW | 3 | T | 2 | North Foreland ... | 29.94 | 63 | 62 | W | 6 | O | 5 |
| Mullaghmore ... | 29.62 | 54 | 52 | WSW | 5 | O | 3 | London ... | 29.95 | 63 | 58 | SW | 3 | O | 4 |
| Belmullet ... | 29.64 | 55 | 53 | SW | 5 | OT | 3 | Yarmouth ... | 29.87 | 63 | 57 | WSW | 5 | Cq | 4 |
| Holyhead ... | 29.76 | 54 | 53 | WSW | 3 | T | 4 | Rocheport ... | 30.27 | 73 | 64 | WNW | 4 | bc | 4 |
| | | 60 | 58 | SW | 6 | ogm | 5 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather dull and rainy in the extreme northwest of our Islands, as well as at several of the Scandinavian stations, and showery in the southwest of England. Fine in most other parts of Europe, but rainy in Bavaria. (The Austrian reports are not to hand). Unsettled showery weather becoming general over our Islands later, the amount of rain being in some cases very considerable. Large quantities falling also in some parts of Sweden.

Temperature in morning above 70° at most of the Adriatic and Mediterranean stations and above 80° in Tunis and Central Algeria, the highest reading of all being 90° at La Calle and 86° at Annale. Below 55° over the northern parts of Britain, and below 50° over the northern parts of Russia and Scandinavia, the lowest readings of all being 38° at Haparanda, 40° at Uleaborg, 41° at Kuopio, and 43° at Archangl. Rising during day to between 65° and 70° in the south of England, and to between 70° and 75° in many parts of France reaching 77° at Perpignan and 81° at Nice.

Wind moderate to strong from the SWnd over our Islands, the Netherlands, Denmark, Germany, and the Baltic, but S¹ in the south of Sweden, and E³ or NE³ over Finland and the northern parts of Scandinavia. Light and variable in Algeria, Italy, and the south of France. NE³ or N³ in Spain. Subsequently increasing to a moderate or fresh gale from the Wnd over the eastern parts of the English Channel, no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards in the northwest of Spain, 30.0 ins. and upwards in an anticyclone covering the entire southern half of Europe. Lowest 29.3 ins. and less in a depression lying over Norway, and also in another system off the northwest of Scotland; 29.5 ins. and less in a third disturbance lying over northern Russia. Scotch and Norwegian depressions becoming united later; new disturbance approaching the Irish coasts in evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 3rd September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|---------------------|------------------------------|--|--------------|--------|---------------------|----------|---|---|--------------|--------------|--------------------------------------|--------|---------------------|----------|------------------|----------|-------------|----------------|------------------------|--|--|--|
| | | BAROM. | | TEMP. | | WIND. | | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | Reading at 32° F. and Sea Level. | Dry Bulb. | Direc. | Force (0 to 12). | Weather. | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | Direc. | Force (0 to 12). | Weather. | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Ins. | | ° | | | | | Ins. | ° | ° | ° | | | | | | ° | ins. | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.59 | 47 | SE | 2 | 0 | 29.52 | - 17 | 51 | 50 | + 9 | SE | 4 | 0 | # | 0 | 54 | 32 | - | | | |
| | Hernösand ... | 29.42 | 56 | SE | 4 | 7 | 29.29 | - 14 | 55 | 53 | + 2 | S | 2 | 0 | # | 7 | 61 | 46 | 0.24 | | | |
| | Stockholm ... | 29.52 | 59 | SW | 4 | 0 | 29.41 | - 11 | 56 | 54 | - 2 | S | 2 | 7 | # | 0 | 66 | 48 | 0.16 | | | |
| | Wisby ... | 29.65 | 60 | SW | 6 | c | 29.50 | - 00 | 60 | 57 | + 2 | SSW | 6 | 0 | # | c | 64 | 52 | 0.08 | | | |
| | Bodö ... | 29.40 | 48 | ESE | 6 | 6 | 29.08 | - 33 | 53 | 51 | + 7 | ESE | 6 | 0 | 3 | 6 | ? | 45 | - | | | |
| | Christiansund... | 29.10 | 50 | HW | 3 | 7 | 29.12 | - 14 | 47 | 45 | - 4 | WSW | 9 | 7 | 5 | 7 | 54 | 46 | 1.26 | | | |
| | Skudesnaes ... | 29.26 | 52 | S | 3 | bc | 29.27 | - 06 | 52 | ? | - 4 | Z | 0 | c | 5 | 7.6c | 56 | 46 | 0.51 | | | |
| | Christiania Fjord (Færdø) | 29.19 | 57 | S | 8 | 0 | 29.31 | - 11 | 55 | 50 | - 3 | SSW | 4 | c | 3 | 0 | 59 | 54 | - | | | |
| | Skagen (The Seaw) | 29.35 | 56 | SW | 4 | c | 29.38 | - 18 | 53 | 50 | - 5 | WSW | 4 | 0 | 2 | c | 61 | 50 | 0.20 | | | |
| | Fanö ... | 29.43 | 57 | W | 4 | c | 29.51 | - 13 | 52 | 51 | - 9 | S | 1 | c | # | 7.6 | 61 | 50 | 0.71 | | | |
| ISLANDS | Sumburgh Head | 29.12 | 50 | SW | 3 | bc | 29.16 | - 02 | 48 | 48 | 0 | Z | 0 | 7 | 3 | bc | 56 | 45 | 0.42 | | | |
| | Stornoway ... | 29.26 | 54 | W | 3 | bc | 29.43 | + 16 | 49 | 49 | + 2 | HW | 7 | 7 | 6 | b. bc | 56 | 41 | 0.35 | | | |
| | Wick ... | 29.22 | 48 | HW | 3 | bc | 29.27 | + 01 | 50 | 49 | - 1 | HW | 2 | 0 | 1 | hp. bc | 56 | 40 | 0.16 | | | |
| | Nairn ... | 29.27 | 50 | SW | 2 | c | 29.35 | + 05 | 46 | 45 | - 4 | SW | 3 | 7 | 2 | c | 58 | 41 | 0.11 | | | |
| | Aberdeen ... | 29.28 | 50 | W | 2 | bc | 29.37 | + 05 | 48 | 44 | - 6 | WSW | 3 | bc | 2 | cp. bc | 58 | 42 | 0.12 | | | |
| | Leith ... | 29.34 | 51 | W | 2 | bc | 29.47 | + 10 | 51 | 46 | + 1 | SW | 4 | b | # | bc | 58 | 45 | 0.10 | | | |
| | Shields ... | 29.40 | 55 | SW | 3 | bc | 29.46 | + 05 | 50 | 48 | - 3 | W | 3 | cp | 2 | c. bc | 60 | 45 | - | | | |
| | Spurn Head ... | 29.49 | 56 | WSW | 6 | ogp | 29.54 | + 10 | 53 | 53 | - 8 | WSW | 5 | bg | 3 | ogp | 61 | 47 | 0.04 | | | |
| | York ... | 29.49 | 56 | W | 2 | c | 29.53 | + 07 | 54 | 51 | - 1 | W | 3 | b | # | c | 63 | 46 | 0.01 | | | |
| | Loughborough | 29.58 | 55 | W | 2 | bc | 29.64 | + 08 | 52 | 49 | - 8 | W | 3 | bw | # | bc | 65 | 46 | 0.11 | | | |
| BRITISH | Ardrossan ... | 29.37 | 52 | SW | 3 | 0 | 29.48 | + 08 | 50 | 48 | - 2 | WSW | 4 | c | 3 | 0 | 55 | 46 | 0.24 | | | |
| | Malin Head ... | 29.37 | 53 | WSW | 5 | bcgyp | 29.64 | + 26 | 49 | 46 | 0 | WSW | 7 | oghp | 5 | bc. gyp | 55 | 47 | 0.11 | | | |
| | Mullaghmore ... | 29.50 | 51 | WSW | 5 | rgyp | 29.80 | + 31 | 51 | 47 | - 2 | HW | 6 | cgyp | 5 | bc. gyp | 57 | 48 | 0.14 | | | |
| | Belmullet ... | 29.53 | 53 | WSW | 4 | bc | 29.91 | + 36 | 51 | 47 | - 1 | W | 5 | bc | # | bc | 56 | 49 | 0.10 | | | |
| | Donaghadee ... | 29.47 | 49 | WSW | 4 | 7 | 29.66 | + 18 | 50 | 49 | - 3 | WSW | 4 | bc | 2 | 7 | 58 | 49 | 0.14 | | | |
| | Liverpool (Bldston) | 29.53 | 52 | W | 4 | c | 29.63 | + 09 | 52 | 49 | - 1 | WSW | 6 | 0 | 4 | c | 60 | 50 | 0.03 | | | |
| | Holyhead ... | 29.55 | 52 | WSW | 4 | cmgyp | 29.66 | + 10 | 53 | 48 | 0 | WSW | 5 | bcg | 5 | bc. mgyp | 60 | 50 | 0.06 | | | |
| | Parsonstown ... | 29.58 | 55 | SW | 1 | bc | 29.83 | + 22 | 51 | 48 | 0 | WSW | 1 | bc | # | bc | 58 | 46 | 0.30 | | | |
| | Valencia ... | 29.72 | 54 | W | 6 | bc | 29.97 | + 35 | 55 | 50 | - 2 | WSW | 6 | bcg | 6 | gyp. bc | 58 | 52 | 0.08 | | | |
| | Roche's Point | 29.69 | 54 | WSW | 5 | bc | 29.92 | + 24 | 55 | 51 | - 1 | WSW | 4 | b | 3 | bc | 60 | 50 | 0.01 | | | |
| GERMANY & HOLLAND. | Pembroke (St. Ann's Hd.) | 29.64 | 57 | W | 6 | c | 29.75 | + 09 | 54 | 51 | - 3 | WSW | 5 | bcgyp | 5 | c | 60 | 53 | 0.20 | | | |
| | Scilly ... | 29.76 | 60 | WSW | 6 | cp | 29.84 | + 08 | 58 | 56 | - 2 | WSW | 6 | c | 5 | c. p | 63 | 54 | 0.72 | | | |
| | Prawle Point ... | 29.74 | 57 | WSW | 5 | c | 29.75 | + 01 | 56 | 53 | - 2 | WSW | 6 | cp | 5 | cp | 61 | 52 | 0.14 | | | |
| | Jersey (St. Aubin's) | 29.84 | 59 | W | 4 | gmt | 29.81 | - 11 | 59 | 54 | - 3 | W | 4 | bcn | 3 | gmt | 63 | 55 | 0.67 | | | |
| | Hurst Castle ... | 29.71 | 61 | WSW | 6 | bc | 29.72 | - 05 | 58 | 55 | - 2 | W | 6 | bc | 4 | ma. bc | 63 | 54 | 0.19 | | | |
| | Dungeness ... | 29.64 | 61 | WSW | 7 | ogp | 29.71 | - 07 | 58 | 54 | - 3 | W | 4 | b | 4 | r. ogp | 61 | 50 | 0.20 | | | |
| | North Foreland | 29.60 | 61 | W | 6 | ogp | 29.68 | - 07 | 57 | 52 | - 4 | W | 2 | b | 2 | ogp | 62 | 49 | 0.06 | | | |
| | London ... | 29.64 | 57 | W | 4 | c | 29.70 | - 02 | 57 | 52 | - 4 | WSW | 2 | b | # | r. p | 62 | 47 | 0.20 | | | |
| | Oxford ... | 29.64 | 55 | SW | 5 | c | 29.68 | + 02 | 53 | 50 | - 6 | WSW | 3 | b | # | gyp. c | 66 | 46 | 0.01 | | | |
| | Cambridge ... | 29.57 | 61 | SW | 2 | c | 29.66 | + 02 | 55 | 52 | - 6 | SW | 2 | c | # | h. p. c | 66 | 44 | 0.06 | | | |
| FRANCE AND BELGIUM. | Yarmouth ... | 29.56 | 60 | WSW | 2 | c | 29.62 | - 03 | 53 | 50 | - 7 | W | 4 | b | 2 | gyp. c | 63 | 46 | 0.12 | | | |
| | Cuxhaven ... | 29.62 | 58 | SW | 7 | 7 | 29.59 | - 21 | 54 | 53 | - 7 | WSW | 4 | bc | # | 7 | 64 | 53 | 0.52 | | | |
| | Berlin ... | 29.84 | 65 | SW | 3 | bc | 29.66 | - 39 | 65 | 57 | + 6 | SSW | 5 | c | # | bc | 73 | 57 | - | | | |
| | Wiesbaden ... | * | # | # | # | # | 29.76 | - 40 | 61 | 58 | + 4 | SW | 2 | 7 | # | # | 72 | 55 | - | | | |
| | Munich ... | 30.05 | 58 | SW | 2 | b | 29.97 | - 31 | 58 | 55 | + 1 | SSW | 2 | 7 | # | b | 68 | 50 | - | | | |
| | The Helder ... | 29.59 | 55 | SW | 2 | 7 | 29.61 | - 18 | 56 | 52 | - 6 | W | 6 | bc | 4 | 7 | 63 | 52 | 0.63 | | | |
| | Brussels (9 a.m.) | * | * | * | * | * | 29.74 | - 22 | 54 | 53 | - 5 | SW | 3 | c | # | 7 | 66 | 53 | 0.47 | | | |
| | Cape Gris Nez | 29.66 | 60 | SW | 7 | 7 | 29.69 | - 15 | 55 | 51 | - 4 | W | 5 | b | 5 | 7 | 61 | 52 | 0.39 | | | |
| | Paris ... | 29.86 | 69 | SW | 4 | 7 | 29.84 | - 28 | 55 | 54 | - 1 | SSW | 1 | c | # | 7 | 75 | 54 | 0.08 | | | |
| | Brest ... | ? | 60 | WSW | 3 | 0 | ? | ? | 57 | 55 | - 4 | WSW | 4 | bc | 3 | 0 | 63 | 54 | 0.35 | | | |
| PENINSULA. | Lorient ... | 29.88 | 63 | SW | 6 | 7 | 29.90 | - 13 | 57 | 55 | - 5 | WSW | 3 | bc | 4 | 7 | 66 | 57 | 0.12 | | | |
| | Rochefort ... | 30.00 | 68 | WSW | 4 | b | 29.93 | - 28 | 60 | 60 | + 1 | WSW | 3 | 7 | # | b | 77 | 59 | 0.12 | | | |
| | Belfort ... | ? | 63 | W | 3 | b | ? | ? | 62 | 58 | + 2 | W | 3 | b | # | b | 75 | 47 | - | | | |
| | Lyons ... | 30.03 | 68 | SSW | 1 | bc | 29.96 | - 27 | 63 | 55 | + 5 | SW | 1 | bc | # | bc | 75 | 58 | - | | | |
| | Nice ... | 30.07 | ? | 2 | 0 | bc | 29.97 | - 14 | 67 | 66 | - 4 | E | 1 | b | 0 | bc | 77 | 63 | - | | | |
| | Perpignan ... | 30.06 | 68 | WSW | 2 | 0 | 29.98 | - 20 | 63 | 59 | 0 | SW | 1 | bc | # | 0 | 77 | 57 | - | | | |
| | Biarritz ... | 30.01 | 72 | WSW | 2 | c | 30.02 | - 10 | 67 | 63 | + 8 | WSW | 4 | 0 | 2 | c | 75 | 57 | - | | | |
| | Corunna ... | * | * | * | * | * | 30.12 | + 08 | 63 | 60 | - 2 | NE | 3 | b | # | bc | 81 | 59 | - | | | |
| | Lisbon ... | 30.06 | 68 | WSW | 5 | bc | 30.12 | + 08 | 63 | 60 | - 2 | NE | 3 | b | # | bc | 81 | 59 | - | | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Saturday, 3rd Sept. 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP

BAROMETRIC—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 heads and feathers refer to force thus—

— forces above 10; — forces 8 to 10;

— forces 6 to 7; — forces 1 to 4.

— dead calm.

SEA DISTURBANCE—Where considerable, is shown thus:

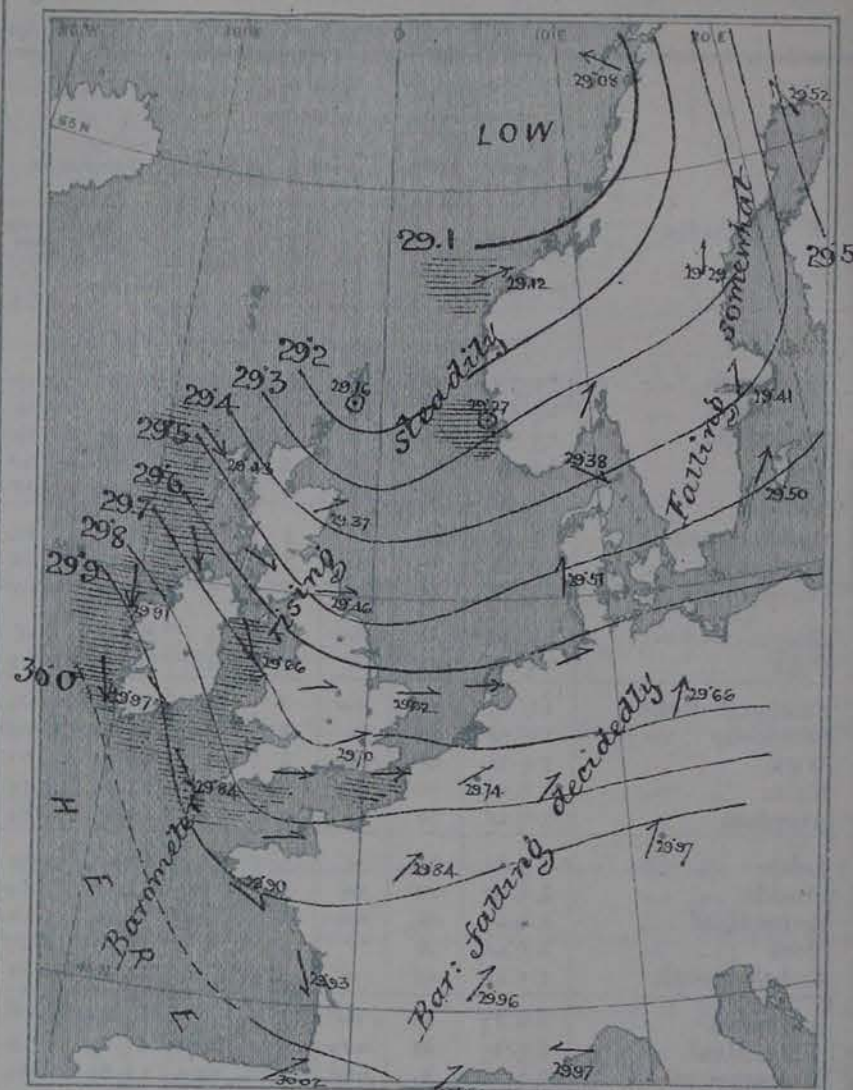
— Rough. — High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Sornoway | 29.816 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.886 |
| Mullaghmore | 29.800 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.933 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.940 |
| Pembroke | 29.948 |
| Silly | 29.971 |
| Prawle Point | 29.985 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.966 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------|---------------|---------------|-------------------|------|-----------------------|
| | Daily Max. | Daily Min. | At 8 a.m. Dry. | Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Sornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.0 | 50.0 | 2.53 |
| Nairn | 59.7 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 40.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 45.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.1 | 52.7 | 56.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.1 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 1.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 1.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.1 | 4.08 |
| Pembroke | 60.1 | 54.0 | 56.1 | 53.9 | 3.58 |
| Silly | 61.8 | 54.7 | 58.1 | 56.3 | 3.11 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.40 |
| Jersey | 63.1 | 54.5 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.8 | 57.7 | 55.2 | 2.61 |
| LONDON | 60.1 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 61.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.5 | 48.1 | 54.0 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.2 | 54.1 | 2.01 |

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-91.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest. 30.1 in. and upwards, over the southern parts of the Spanish Peninsula.
 Lowest. 29.1 in. and less, in a large depression lying off the west of Norway.
 Gradients rather steep over the extreme northwest of our Islands, but moderate or slight elsewhere.
 Barometer rising in our Islands and also on the eastern shores of the North Sea, but falling in Sweden, Germany, and France.

TEMPERATURE

Highest, 67° at Nice and Biarritz, 65° at Berlin, 63° at Lyons, Epignau, and Lisbon, and 61° at Wiesbaden.
 Lowest, 46° at Kani, 47° at Christiansund, 48° at Lumburg H^t and Aberdeen, and 49° at Stomoway and Malin H^t.
 The highest maxima registered over our Islands yesterday were 66° at Oxford and Cambridge and 65° at Bournemouth; in London the thermometer did not exceed 62°.

WIND

Strong from the NWth on all our western coasts, with a moderate gale at Stomoway and Malin H^t.
 Moderate to fresh from the Wth or SWth in the eastern parts of Great Britain and also over Germany, S. in Sweden, E. or SE. in the north of Scandinavia.
 A fresh to strong gale from the Wth or SWth was experienced yesterday in the south and east of England.

WEATHER

Fine and bright in the eastern and south-eastern parts of Great Britain, but cloudy or overcast elsewhere, with rain in the north of Scotland, in Germany, and at some of the Scandinavian stations, and with passing showers on our western coasts.
 Rain fell yesterday over nearly the whole of Western Europe, the largest amounts being 1.3 in. at Christiansund, 0.7 in. at Paris and Jersey and 0.6 in. at the Helder.

SEA

Rough or rather so on many parts of our western coasts and also off the west of Norway, but moderate or slight generally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Secondary disturbances are apparently advancing over Scotland from the north-westward, and are likely to occasion very strong winds from that quarter on our western coasts. Showery weather will probably continue over the United Kingdom generally.

FORECASTS

For the 24 hours ending at NOON on 4th SEPT. 1892.

| DISTRICTS. | | FORECASTS. | |
|------------|----------------|---|--|
| 0 | SCOTLAND NORTH | NW ^{ly} winds, freshening considerably, squally, showery. | |
| 1 | SCOTLAND EAST | | |
| 2 | ENGLAND N.E. | | |
| ft 3 | ENGLAND EAST | Same as N ^o 5. | |
| | 4 | | |
| ft 5 | ENGLAND SOUTH | W ^{ly} winds, fresh or strong, cool, changeable, some showers. | |

| DISTRICTS. | | FORECASTS. | |
|------------|---------------|---|--|
| 6 | SCOTLAND WEST | Same as N ^o 0 and 1 | |
| ft 7 | ENGLAND N.W. | NW ^{ly} winds, strong, squally, some showers. | |
| ft 8 | ENGLAND S.W. | | |
| ft 9 | IRELAND NORTH | | |
| ft 10 | IRELAND SOUTH | | |
| WARNINGS | | The <u>SOUTH CONE</u> is still flying in districts 3, 5, 8, 10. and parts of 7 and 9. | |

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR | THUR | WIND | F | WEA | SEA | | BAR | THUR | WIND | F | WEA | SEA |
|-------------------|-------|------|------|-------|-----|-----|---|--------------------|-------|------|-------|-----|-----|
| | | Dry | Wet | Dirac | | | | | Dry | Wet | Dirac | | |
| Skudesnæs ... | 29.22 | 52 | 50 | rrw | 1 | r | 5 | Valencia ... | 29.72 | 54 | 51 | rrw | 6 |
| Sambrugh Head ... | 29.15 | 54 | 49 | rrw | 2 | bc | 4 | Scilly ... | 29.76 | 62 | 57 | w | 5 |
| Stornoway ... | 29.26 | 54 | 53 | w | 3 | b | 3 | Jersey ... | 29.89 | 62 | 61 | ssw | 5 |
| Aberdeen ... | 29.26 | 50 | 47 | sw | 2 | c | 2 | Hurst Castle ... | 29.70 | 62 | 61 | rrw | 7 |
| Shields ... | 29.41 | 59 | 52 | rrw | 4 | c | 2 | Dungeness ... | 29.66 | 61 | 60 | rrw | 8 |
| Ardrossan ... | 29.37 | 54 | 51 | sw | 3 | o | 2 | North Foreland ... | 29.64 | 62 | 62 | rrw | 7 |
| Malin Head ... | 29.37 | 52 | 50 | w | 5 | o | 3 | London ... | 29.64 | 62 | 60 | w | 2 |
| Mullaghmore ... | 29.49 | 56 | 50 | rrw | 6 | bc | 5 | Yarmouth ... | 29.58 | 59 | 57 | w | 5 |
| Behnulet ... | 29.54 | 56 | 50 | rrw | 5 | b | 5 | Rochefort ... | 30.05 | 73 | 69 | rrw | 4 |
| Holyhead ... | 29.56 | 58 | 53 | rrw | 5 | bc | 5 | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather rainy over the Channel and the southern part of England as well as in the south of Scandinavia, showery over Ireland and the north of England. Fine over the greater part of the Continent, but dull in northern and central Russia and also in Algeria. Some improvement taking place later in the south of England, but rain continuing all day in the extreme southeast, and extending to the northeast of France, the Netherlands, and the eastern part of the North Sea — amounts large in many places.

Temperature highest 70° or more over the Adriatic and Mediterranean and also in the south of Russia, the highest readings of all being 81° at Tunis, and 79° at Algiers and Aumale. Lowest 45° or less over Lapland and northern Russia, below 50° in the Shetlands, Hebrides, and extreme north of Ireland, and below 55° over the northern part of our Islands generally. Daily maxima below 60° at many of our western and northern stations, but thermometer exceeding 65° in some parts of Central England, exceeding 70° over France and Germany, and reaching 81° at Lisbon.

Wind W^h in Ireland, Wales, and the southwest of England, but SW^h in nearly all other parts of western and central Europe, strong in force in many places, with a moderate to fresh gale on the south and east coasts of England. Moderate to strong from the End over the north of Scandinavia, and light from the same quarter in Finland. Light and variable over the whole of southern Europe and also in Algeria. Gale on the English coasts moderating later and wind veering to the Wnd. No important change elsewhere.

Barometer highest 30.2 ins. and upwards over south Germany, Switzerland, and Central France; 30.0 ins. and upwards, in a large anticyclone covering all the more central and southern parts of the Continent. Lowest 29.2 ins. and less, in a large depression lying to the northward of our Islands; 29.5 ins. and less, in a small secondary system ~~lying~~ near Gotthard. Other secondary disturbances lying over various parts of our Islands and the North Sea in morning, but afterwards travelling away to the eastward. Barometer on our western coast very unsteady all day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is h. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (many); 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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 4th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|--------------------------------|--|-------|---|--------------|----------|---|---------------------|---|---|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------|------------------------|------|------|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dir. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dir. | Force (0 to 12). | | Max. | Min. |
| | | Inch. | ° | | | | Inch. | ° | ° | ° | | | | | | ° | Inch. | | | |
| SCANDINAVIA. | Haparanda ... | 29.42 | 55 | SE | 6 | r | 29.52 | 50 | 51 | 51 | 0 | SW | 2 | c | # | r | 55 | 45 | 1.14 | |
| | Hernösand ... | 29.41 | 52 | S | 4 | o | 29.48 | +19 | 51 | 47 | — | 4 | SSW | 4 | b | o | 55 | 48 | — | |
| | Stockholm ... | 29.53 | 50 | WSW | 2 | b | 29.73 | +32 | 54 | 51 | — | 2 | SW | 2 | b | # | 63 | 48 | 0.16 | |
| | Wisby ... | 29.62 | 50 | SSW | 4 | b | 29.81 | +31 | 50 | 54 | — | 4 | SSW | 4 | b | # | 64 | 54 | 0.39 | |
| | Bedö ... | 29.18 | 54 | SE | 4 | b | 29.34 | +26 | 53 | 51 | — | 0 | E | 2 | b | 1 | 63 | 43 | — | |
| | Christiansund ... | 29.29 | 50 | WSW | 9 | r | 29.39 | +27 | 48 | 48 | + | 1 | WSW | 9 | r | 5 | ? | 45 | 1.97 | |
| | Skudesnaes ... | 29.52 | 49 | WNW | 2 | c | 29.73 | +46 | 51 | 48 | — | 1 | NNW | 6 | o | 4 | 59 | 48 | — | |
| | Christiania Fjord (Fjorder) | 29.44 | 57 | NW | 5 | b | 29.63 | +32 | 54 | 50 | — | 1 | W | 4 | b | 2 | 57 | 54 | — | |
| | Skagen (The Scaw) | 29.56 | 51 | WSW | 3 | c | 29.73 | +35 | 53 | 50 | — | 0 | W | 2 | b | 1 | 59 | 50 | — | |
| | Fanö ... | 29.58 | 53 | WSW | 2 | c | 29.69 | +15 | 55 | 51 | + | 3 | WSW | 4 | b | # | 61 | 50 | 0.20 | |
| ISLANDS. | Sumburgh Head | 29.57 | 49 | N | 4 | c | 29.91 | +75 | 44 | 43 | — | 4 | NNW | 5 | o | 6 | 55 | 43 | 0.11 | |
| | Stornoway ... | 29.51 | 49 | NW | 7 | b | 30.13 | +70 | 46 | 46 | — | 3 | NW | 4 | o | 4 | 54 | 42 | 0.12 | |
| | Wick ... | 29.74 | 49 | N | 6 | o | 30.03 | +76 | 47 | 44 | — | 3 | N | 4 | o | 2 | 53 | 43 | 0.15 | |
| | Nairn ... | 29.79 | 51 | WSW | 4 | o | 30.09 | +74 | 48 | 45 | + | 2 | NW | 2 | c | 2 | 55 | 43 | 0.11 | |
| | Aberdeen ... | 29.62 | 49 | NNW | 5 | b | 30.07 | +70 | 47 | 43 | — | 1 | NW | 5 | o | 3 | 53 | 44 | 0.24 | |
| | Leith ... | 29.69 | 55 | N | 3 | c | 30.09 | +62 | 50 | 46 | — | 1 | WNW | 2 | c | # | 60 | 45 | — | |
| | Shields ... | 29.61 | 53 | W | 4 | c | 30.04 | +58 | 48 | 45 | — | 4 | NW | 3 | o | 3 | 57 | 44 | 0.17 | |
| | Spurn Head ... | 29.61 | 54 | WNW | 5 | c | 29.98 | +44 | 51 | 51 | — | 2 | NW | 5 | o | 4 | 54 | 49 | 0.13 | |
| | York ... | 29.63 | 52 | WNW | 2 | b | 30.07 | +54 | 51 | 46 | — | 3 | NNW | 3 | b | # | 60 | 47 | 0.08 | |
| | Loughborough | 29.74 | 53 | WNW | 4 | c | 30.07 | +43 | 50 | 47 | — | 2 | NW | 2 | b | # | 59 | 44 | 0.07 | |
| BRITISH ISLANDS. | Ardrossan ... | 29.76 | 56 | WNW | 3 | b | 30.14 | +66 | 52 | 49 | + | 2 | NW | 2 | b | 1 | 57 | 45 | — | |
| | Malin Head ... | 29.87 | 51 | NNW | 6 | c | 30.17 | +53 | 50 | 46 | + | 1 | NNW | 4 | o | 3 | 54 | 49 | 0.04 | |
| | Mullaghmore ... | 30.01 | 52 | NW | 8 | c | 30.23 | +43 | 52 | 46 | + | 1 | NNW | 4 | o | 2 | 55 | 50 | — | |
| | Belmullet ... | 30.10 | 53 | NNW | 5 | o | 30.26 | +35 | 53 | 47 | + | 2 | NW | 2 | b | # | 55 | 49 | 0.02 | |
| | Donaghadee ... | 29.83 | 52 | N | 6 | b | 30.16 | +50 | 52 | 48 | + | 2 | N | 6 | b | 4 | 57 | 49 | 0.01 | |
| | Liverpool (Bidston) | 29.75 | 53 | WNW | 7 | c | 30.11 | +48 | 50 | 49 | — | 2 | NNE | 1 | o | 2 | 56 | 50 | 0.09 | |
| | Holyhead ... | 29.85 | 54 | NW | 6 | c | 30.14 | +48 | 53 | 49 | — | 0 | NNW | 6 | c | 5 | 57 | 52 | — | |
| | Parsonstown ... | 30.04 | 51 | SW | 1 | r | 30.25 | +42 | 50 | 46 | — | 1 | Z | 0 | o | # | 57 | 45 | 0.02 | |
| | Valencia ... | 30.18 | 50 | NNW | 5 | c | 30.33 | +36 | 55 | 51 | — | 0 | NNE | 2 | o | 4 | 58 | 53 | — | |
| | Roche's Point | 30.06 | 56 | NNW | 5 | b | 30.30 | +38 | 50 | 47 | — | 5 | NW | 2 | b | 3 | 58 | 47 | — | |
| GERMANY & HOLLAND. | Pembroke (St. Ann's Hd.) | 29.93 | 55 | NNW | 6 | b | 30.18 | +43 | 52 | 50 | — | 2 | NNW | 5 | c | 4 | 58 | 50 | 0.02 | |
| | Scilly ... | 30.02 | 58 | NNW | 6 | c | 30.22 | +35 | 55 | 50 | — | 3 | NNW | 5 | c | 4 | 59 | 49 | — | |
| | Prawle Point ... | 29.94 | 53 | NNW | 6 | b | 30.17 | +42 | 51 | 53 | + | 1 | NNW | 4 | b | 3 | 62 | 46 | — | |
| | Jersey (St. Aubin's) | 29.89 | 60 | NW | 6 | b | 30.13 | +32 | 51 | 52 | — | 2 | NW | 3 | b | 3 | 63 | 52 | 0.17 | |
| | Hurst Castle ... | 29.84 | 56 | NW | 5 | b | 30.09 | +37 | 55 | 52 | — | 3 | WNW | 5 | b | 3 | 64 | 47 | 0.18 | |
| | Dungeness ... | 29.73 | 57 | W | 2 | b | 29.95 | +24 | 52 | 49 | — | 6 | NNW | 4 | b | 3 | 65 | 44 | 0.11 | |
| | North Foreland | 29.70 | 57 | NW | 6 | b | 29.96 | +28 | 55 | 52 | — | 2 | NW | 6 | b | 6 | 63 | 50 | 0.10 | |
| | London ... | 29.78 | 56 | WNW | 3 | b | 30.05 | +35 | 54 | 49 | — | 3 | NW | 4 | o | # | 62 | 46 | 0.02 | |
| | Oxford ... | 29.65 | 50 | WNW | 2 | b | 30.08 | +40 | 52 | 47 | — | 1 | NNW | 4 | b | # | 61 | 47 | 0.02 | |
| | Cambridge ... | 29.73 | 54 | NW | 2 | b | 30.03 | +37 | 52 | 49 | — | 3 | NW | 2 | c | # | 63 | 46 | 0.07 | |
| FRANCE AND BELGIUM. | Yarmouth ... | 29.65 | 57 | WNW | 4 | b | 29.92 | +30 | 55 | 53 | + | 2 | NW | 4 | b | 4 | 60 | 47 | 0.04 | |
| | Cuxhaven ... | 29.61 | 55 | W | 2 | c | 29.78 | +19 | 55 | 54 | + | 1 | SW | 2 | c | # | 63 | 54 | 0.12 | |
| | Berlin ... | 29.75 | 58 | Z | 0 | c | 29.79 | +13 | 57 | 55 | — | 8 | Z | 0 | o | # | 66 | 54 | — | |
| | Wiesbaden ... | 29.86 | 59 | SW | 2 | o | 29.86 | +10 | 55 | 51 | — | 6 | NW | 2 | c | # | 64 | 52 | 0.12 | |
| | Munich ... | 29.85 | 59 | SW | 2 | o | 29.93 | +04 | 44 | 49 | — | 9 | SW | 5 | r | # | 73 | 48 | 1.46 | |
| | The Helder ... | 29.69 | 65 | W | 4 | b | 29.81 | +20 | 53 | 52 | — | 3 | NNE | 5 | b | 3 | 59 | 52 | 0.20 | |
| | Brussels (3 a.m.) | 29.91 | 57 | WSW | 2 | b | 29.91 | +17 | 52 | — | 2 | WSW | 2 | b | # | r | 64 | 45 | 0.08 | |
| | Cape Gris Nez | 29.72 | 56 | NW | 4 | c | 29.89 | +20 | 51 | 51 | — | 4 | NW | 5 | r | 5 | 61 | 50 | — | |
| | Paris ... | 29.83 | 60 | W | 2 | b | 30.00 | +16 | 51 | 48 | — | 4 | WNW | 2 | r | 3 | 64 | 46 | 0.16 | |
| | Brest ... | 29.79 | 57 | NNW | 4 | b | 29.97 | +18 | 54 | 51 | — | 3 | N | 4 | c | 3 | 64 | 50 | 0.04 | |
| PENINSULA. | Lorient ... | 29.99 | 61 | NNW | 4 | b | 30.17 | +27 | 53 | 50 | — | 4 | NNW | 5 | b | 4 | 64 | 54 | — | |
| | Rocheport ... | 29.96 | 63 | NW | 5 | b | 30.11 | +18 | 57 | 52 | — | 3 | N | 5 | b | # | 65 | 50 | 0.04 | |
| | Belfort ... | 29.88 | 59 | NW | 3 | o | 30.01 | +05 | 52 | 49 | — | 11 | NW | 2 | c | # | 75 | 50 | 0.75 | |
| | Lyons ... | 29.88 | 68 | Z | 0 | o | 29.64 | -33 | 63 | 55 | — | 4 | Z | 0 | o | # | 81 | 61 | — | |
| | Nice ... | 29.84 | 68 | NW | 3 | c | 30.04 | +26 | 62 | 54 | — | 1 | NW | 4 | b | # | 74 | 52 | 0.20 | |
| | Perpignan ... | 30.11 | 63 | NNW | 5 | r | 30.20 | +18 | 58 | 55 | — | 9 | NE | 4 | r | 4 | 72 | 59 | 0.32 | |
| | Biarritz ... | 30.11 | 63 | NNW | 5 | r | 30.20 | +18 | 58 | 55 | — | 9 | NE | 4 | r | 4 | 72 | 59 | 0.32 | |
| | Corunna ... | 30.07 | 67 | NNW | 5 | b | 30.34 | +27 | 65 | 55 | — | 0 | NE | 7 | b | 5 | 66 | 52 | — | |
| | Lisbon ... | 30.07 | 67 | NNW | 5 | b | 30.08 | +04 | 63 | 58 | — | 0 | N | 4 | b | # | 77 | 59 | — | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Sunday, 4th September 1892.

BAROMETER, WIND AND 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:

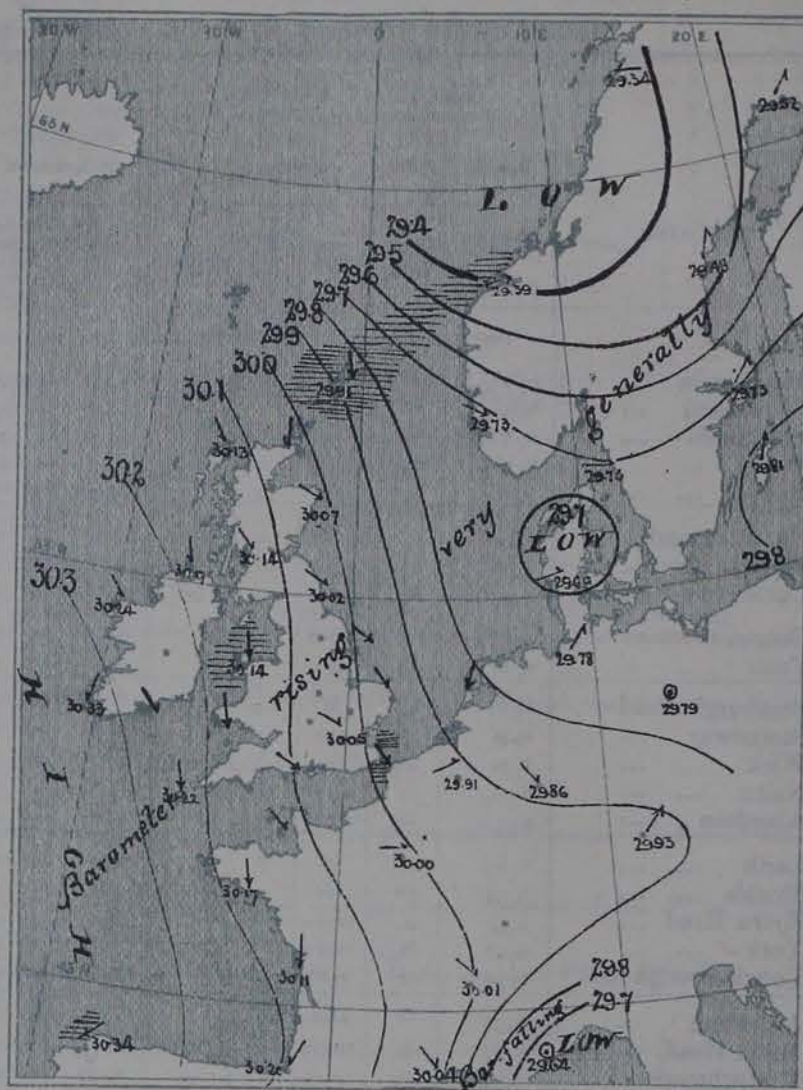
≡ = Rough. ≡ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.855 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.940 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-------------------|------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | Wet. | |
| Sumburgh Head | 55.0 | 45.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.2 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.5 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 52.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 54.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.0 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 54.6 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.2 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins: and upwards, in a large anticyclone spreading from the Atlantic over the southeast of Ireland and the northwest of Spain.
 Lowest, 29.4 ins: and less, in a depression off the northwest of Norway; 29.7 ins: and less, in a secondary disturbance lying over Denmark, and also in a well marked system over Northern Italy and the Gulf of Genoa.
 Gradients moderate or slight. Barometer rising generally.

TEMPERATURE

Highest, 65° at Comma, 63° at Kiel and Lisbon, 62° at Perpignan, 58° at Biaritz, and 57° at Braille, Jirrey, and Rochefort.
 Lowest, 44° at Lumburg, 44° at Stockholm, 47° at Ulsch and Aberdeen, and 48° at Christiansund and Shields.

The maxima registered over our Islands, ^{yesterday} went above 60° in the south of England only; at some of our western stations the thermometer failed to reach 55°.

WIND

Moderate to strong from the NW² in nearly all parts of the United Kingdom and France.
 Light from the W² in Denmark and the south of Norway, and from the SW² in Sweden.
 Strong to a gale from WSW at Christiansund, but light from the E² at Wexö.

WEATHER

Varying greatly in different parts of Western Europe; fine in some places, but dull in others, with showers at one or two of our own stations, and with steady rain at the Helder, C. Ge. Niz, Paris, and Biaritz.

Fine and bright in Sweden and Denmark.

Showers fell yesterday in most parts of Great Britain, and heavy rain at some of the Scandinavian and German stations; the largest amounts being 2.0 ins: at Christiansund and 1.5 ins: at Munich.

SEA

Rough at Lumburg, 11th and rather rough at Christiansund, Holyhead, and Cape Ge. Niz, moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 5th SEPT 1892.

DISTRICTS.

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

FORECASTS.

None issued

DISTRICTS.

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

WARNINGS

FORECASTS.

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|--------------|----|------|------|--------------------|-------|-------|------|--------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 29.27 | 52 | 51 | WSW | 2 | c | 5 | Valencia ... | 30.11 | 58 | 51 | NNW | 7 | bcg | 6 |
| Sumburgh Head ... | 29.44 | 54 | 50 | NNE | 3 | bc | 4 | Scilly ... | 29.97 | 58 | 53 | NNW | 6 | bc | 5 |
| Stornoway ... | 29.68 | 50 | 40 | NW | 7 | c | 6 | Jersey ... | 29.87 | 62 | 56 | WNW | 4 | bc | 4 |
| Aberdeen ... | 29.45 | 50 | 48 | NW | 4 | cp | 3 | Hurst Castle ... | 29.77 | 62 | 62 | NW | 6 | cp | 4 |
| Shields ... | 29.52 | 56 | 53 | W | 4 | cp | 2 | Dungeness ... | 29.68 | 62 | 57 | WSW | 4 | c | 3 |
| Ardrossan ... | 29.63 | 56 | 54 | SW | 3 | bc | 3 | North Foreland ... | 29.67 | 55 | 51 | NW | 3 | r | 3 |
| Malin Head ... | 29.77 | 52 | 49 | NNW | 7 | c | 5 | London ... | 29.71 | 59 | 51 | W | 4 | bc | 2 |
| Mullaghmore ... | 29.74 | 53 | 47 | NW | 8 | cp | 6 | Yarmouth ... | 29.63 | 55 | 52 | WNW | 4 | cp | 2 |
| Belmullet ... | 29.64 | 53 | 49 | NNW | 5 | cp | 5 | Rochefort ... | 29.95 | 64 | 58 | NNW | 4 | c | 1 |
| Holyhead ... | 29.80 | 54 | 50 | NW | 5 | cp | 5 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fine and bright over the eastern and southeastern parts of Great Britain, and also over southern and eastern Europe generally. Cloudy or overcast elsewhere, with passing showers in the west of our Islands, and with steady rain in the north of Ireland as well as at some of the Scandinavian and German stations. Showers falling later in many parts of Western Europe, and heavy rain occurring over the more northern countries. Thunderstorms reported during day at Helsingland, Lyons, and Constantinople; lightning seen at some of the English stations at night.

Temperature in morning reaching 70° or more over Spain, Algeria, the Mediterranean, and the Adriatic; the highest readings of all being 87° at La Calle and 81° at Algiers. Lowest (1) 44° at Archangel; (2) 46° at Kain, 47° at Christiansund and 48° at Sumburgh Head and Aberdeen, below 55° in all but the most southern parts of our Islands. Daily maxima not much above 60° in any part of the Kingdom, and below 55° in the extreme north. Thermometer exceeding 70° in the south of France, and exceeding 80° in Spain, Italy, and Austria; the highest readings in Europe being 93° at Palermo and 90° at Rome.

Wind very strong from the NWnd on the west coasts of our Islands, and moderate from the same quarter in the west of France. Moderate to fresh from the Wnd in the eastern parts of Great Britain, from the SWnd in Germany, from the Snd over Denmark, Sweden, and the Baltic, and from the SEnd in the north of Scandinavia. Variable in Austria and southern Europe, chiefly Nth in Algeria. Subsequently veering to the NWnd in all parts of our Islands and increasing to a gale in the north of Ireland. Falling light and variable at the German stations.

Barometer highest 30.1 ins. and upwards in Spain; 30.0 ins. and upwards over the greater part of Italy and Austria, but below that level at the Adriatic stations. Lowest 29.1 ins. and less, in a large depression lying off the west of Norway. Small secondary disturbances passing across Great Britain and the North Sea. Latter system subsequently travelling away to Northern Europe, and barometer rising over the whole of the United Kingdom, — quickly on our western and northern coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Monday, 5th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|--------------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|------------------------|------|------|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dir. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dir. | Force (0 to 12). | | Max. | Min. |
| | | Inch. | ° | | | | Inch. | ° | ° | ° | | | | | | ° | ins. | | | |
| SCANDINAVIA. | Haparanda ... | 29.76 | 50 | SW | 2 | b | 29.80 | +28 | 51 | 50 | 0 | S | 2 | 0 | # | b | 55 | 46 | - | |
| | Hernösand ... | 29.76 | 53 | S | 4 | c | 29.81 | +33 | 49 | 47 | -2 | S | 2 | b | # | c | 59 | 45 | - | |
| | Stockholm ... | 29.83 | 54 | Z | 0 | 0 | 29.89 | +16 | 53 | 51 | -1 | Z | 0 | b | # | 0 | 63 | 45 | - | |
| | Wisby ... | 29.84 | 54 | sew | 4 | bc | 29.90 | +09 | 56 | 53 | 0 | W | 4 | bc | # | bc | 61 | 46 | - | |
| | Bodö ... | 29.64 | 47 | S | 1 | b | 29.75 | +41 | 48 | 46 | -5 | WSW | 2 | 0 | 2 | b | 59 | 43 | - | |
| | Christiansund... | 29.75 | 50 | W | 8 | T | 30.00 | +61 | 48 | 47 | 0 | W | 6 | 1 | 4 | T | 50 | 46 | 0.51 | |
| | Skudesnaes ... | 29.96 | 50 | W | 6 | 0 | 30.10 | +34 | 50 | 46 | -1 | W | 3 | 0 | 2 | 0 | 52 | 46 | 0.04 | |
| | Christiania Fjord (Fierder) | 29.76 | 55 | W | 2 | c | 29.94 | +31 | 52 | 47 | -2 | N | 4 | b | 1 | c | 54 | 50 | - | |
| | Skagen (The Seaw) | 29.83 | 54 | W | 2 | c | 30.00 | +27 | 55 | 50 | +2 | N | 1 | b | 1 | c | 59 | 50 | 0.04 | |
| | Fanö ... | 29.99 | 53 | W | 4 | c | 30.10 | +41 | 53 | 49 | -2 | W | 6 | c | # | c | 64 | 52 | - | |
| BRITISH ISLANDS. | Sumburgh Head. | 30.05 | 46 | N | 4 | 0 | 30.08 | +17 | 51 | 49 | +7 | SSW | 1 | 0 | 4 | 0 | 51 | 43 | 0.01 | |
| | Stornoway ... | 30.16 | 51 | W | 2 | bc | 30.01 | -12 | 51 | 51 | +5 | S | 6 | 0 | 6 | bc | 52 | 44 | 0.04 | |
| | Wick ... | 30.14 | 48 | W | 2 | 0 | 30.10 | +07 | 51 | 48 | +4 | SW | 3 | 0 | 1 | 0 | 51 | 44 | - | |
| | Nairn ... | 30.18 | 51 | Z | 0 | c | 30.11 | +02 | 51 | 49 | +3 | Z | 0 | c | 0 | c | 53 | 40 | - | |
| | Aberdeen ... | 30.19 | 49 | W | 2 | bc | 30.18 | +11 | 50 | 46 | +3 | SW | 1 | bc | 2 | bc | 53 | 40 | - | |
| | Leith ... | 30.15 | 58 | W | 2 | c | 30.22 | +13 | 49 | 46 | -1 | Z | 0 | 0 | # | c | 64 | 42 | - | |
| | Shields ... | 30.20 | 52 | N | 2 | b | 30.26 | +22 | 44 | 42 | -4 | WSW | 2 | 0 | 2 | b | 54 | 39 | - | |
| | Spurn Head ... | 30.21 | 52 | W | 5 | 0 | 30.29 | +31 | 51 | 51 | 0 | W | 2 | 0 | 4 | 0 | 54 | 47 | 0.03 | |
| | York ... | 30.22 | 53 | N | 1 | c | 30.28 | +24 | 45 | 44 | -6 | W | 1 | b | # | c | 54 | 38 | - | |
| | Loughborough | 30.24 | 53 | N | 1 | c | 30.35 | +28 | 51 | 46 | +1 | W | 2 | b | # | c | 58 | 45 | - | |
| GERMANY & HOLLAND. | Ardrossan ... | 30.21 | 52 | W | 2 | b | 30.20 | +06 | 53 | 51 | +1 | SSW | 3 | 0 | 2 | b | 57 | 48 | - | |
| | Malin Head ... | 30.24 | 53 | W | 2 | b | 30.10 | -07 | 52 | 50 | +2 | S | 5 | 0 | 2 | b | 55 | 49 | - | |
| | Mullaghmore ... | 30.28 | 54 | Z | 0 | c | 30.15 | -08 | 55 | 52 | +3 | SSW | 4 | 0 | 2 | c | 56 | 51 | - | |
| | Belmullet ... | 30.27 | 55 | WSW | 3 | 0 | 30.11 | -15 | 58 | 55 | +5 | WSW | 4 | 0 | # | 0 | 58 | 48 | - | |
| | Donaghadee ... | 30.25 | 52 | N | 4 | c | 30.25 | +09 | 51 | 50 | -1 | SW | 4 | c | 2 | c | 57 | 49 | - | |
| | Liverpool (Bidston) | 30.26 | 53 | W | 2 | bc | 30.32 | +21 | 53 | 49 | +3 | SSW | 2 | 0 | 3 | bc | 57 | 49 | 0.02 | |
| | Holyhead ... | 30.27 | 54 | N | 3 | c | 30.29 | +15 | 54 | 50 | +1 | SW | 2 | 0 | 2 | bc | 55 | 48 | - | |
| | Parsonstown ... | 30.30 | 57 | Z | 0 | bc | 30.25 | -00 | 51 | 48 | +1 | Z | 0 | 0 | # | bc | 59 | 44 | - | |
| | Valencia ... | 30.35 | 56 | SW | 2 | 0 | 30.26 | -07 | 58 | 54 | +3 | S | 2 | 0 | 4 | 0 | 59 | 52 | - | |
| | Roche's Point | 30.33 | 56 | SW | 2 | bc | 30.31 | +01 | 58 | 55 | +8 | SW | 2 | c | 3 | bc | 61 | 49 | - | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 30.31 | 53 | NE | 2 | c | 30.33 | +15 | 56 | 52 | +4 | SW | 3 | 0 | 2 | c | 56 | 49 | - | |
| | Scilly ... | 30.32 | 55 | N | 4 | c | 30.36 | +14 | 56 | 50 | +1 | SSW | 1 | c | 3 | c | 57 | 49 | - | |
| | Prawle Point ... | 30.27 | 55 | W | 2 | bc | 30.38 | +21 | 52 | 50 | -5 | N | 2 | c | 1 | bc | 65 | 45 | - | |
| | Jersey (St. Aubin's) | 30.24 | 60 | W | 4 | bc | 30.36 | +23 | 58 | 53 | +1 | E | 3 | 0 | 3 | bc | 62 | 55 | 0.04 | |
| | Hurst Castle ... | 30.24 | 58 | W | 2 | c | 30.38 | +29 | 53 | 50 | -2 | NNE | 2 | c | 2 | c | 64 | 47 | - | |
| | Dungeness ... | 30.13 | 58 | NNE | 5 | c | 30.33 | +38 | 52 | 48 | 0 | NNE | 3 | b | 2 | b, c | 60 | 41 | - | |
| | North Foreland | 30.14 | 55 | N | 6 | c | 30.34 | +38 | 55 | 48 | 0 | N | 2 | b | 4 | bc, c, p | 58 | 51 | 0.01 | |
| | London ... | 30.21 | 55 | N | 4 | c | 30.36 | +31 | 50 | 47 | -4 | W | 1 | 0 | # | c, b | 60 | 39 | - | |
| | Oxford ... | 30.28 | 52 | W | 1 | 0 | 30.37 | +29 | 48 | 46 | -4 | W | 1 | 0 | # | bc, 0 | 60 | 44 | - | |
| | Cambridge ... | 30.24 | 53 | N | 1 | c | 30.37 | +34 | 49 | 48 | -3 | W | 1 | 0 | # | c | 58 | 41 | - | |
| PENINSULA. | Yarmouth ... | 30.12 | 53 | W | 5 | c | 30.31 | +39 | 50 | 48 | -5 | W | 3 | 0 | 3 | bc | 57 | 47 | 0.03 | |
| | Cuxhaven ... | 29.92 | 56 | W | 3 | b | 30.12 | +34 | 56 | 54 | +1 | W | 5 | c | # | b | 59 | 55 | 0.04 | |
| | Berlin ... | 29.93 | 59 | W | 2 | 0 | 30.14 | +35 | 51 | 50 | -6 | W | 3 | bc | # | 0 | 64 | 48 | - | |
| | Wiesbaden ... | * | * | * | * | * | 30.17 | +31 | 53 | 49 | -2 | N | 2 | b | # | * | 61 | 48 | - | |
| | Munich ... | 30.02 | 47 | SW | 3 | T | 30.06 | +13 | 48 | 48 | -1 | W | 4 | T | # | T | 54 | 46 | 0.63 | |
| | The Helder ... | 30.12 | 56 | N | 4 | b | 30.29 | +45 | 55 | 50 | +2 | W | 4 | c | 3 | b | 59 | 52 | 0.04 | |
| | Brussels (a.m.) | * | * | * | * | * | 30.29 | * | 53 | 51 | * | W | 1 | 0 | # | b | 59 | 44 | 0.08 | |
| | Cape Gris Nez | 30.10 | 55 | N | 5 | c | 30.21 | +32 | 52 | 49 | +1 | W | 4 | c | 4 | c | 59 | 50 | 0.04 | |
| | Paris ... | 30.13 | 52 | N | 3 | T | 30.33 | +33 | 51 | 50 | 0 | N | 2 | 0 | # | T | 61 | 46 | 0.35 | |
| | Brest ... | ? | 55 | N | 4 | bc | ? | ? | 55 | 51 | +1 | NE | 2 | c | 2 | bc | 64 | 54 | - | |
| FRANCE AND BELGIUM. | Lorient ... | 30.30 | 59 | N | 4 | bc | 30.35 | +18 | 53 | 50 | 0 | N | 3 | bc | 2 | bc | 64 | 52 | - | |
| | Rochefort ... | 30.18 | 64 | W | 4 | b | 30.30 | +19 | 52 | 50 | -5 | NE | 3 | b | # | b | 64 | 50 | 0.08 | |
| | Belfort ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| | Lyons ... | 30.03 | 52 | W | 5 | bc | 30.18 | +17 | 50 | 47 | -2 | N | 2 | 0 | # | T, bc | 60 | 47 | 0.04 | |
| | Nice ... | 29.89 | 65 | SW | 2 | b | 29.75 | +11 | 59 | 49 | -4 | NE | 2 | c | 2 | b | 81 | 46 | 0.08 | |
| | Perpignan ... | 30.04 | 60 | W | 4 | b | 30.20 | +16 | 59 | 52 | -3 | W | 5 | bc | # | b | 67 | 54 | - | |
| | Biarritz ... | 30.28 | 63 | N | 4 | T | 30.31 | +11 | 59 | 53 | +1 | SE | 2 | 0 | 3 | T | 68 | 54 | 0.04 | |
| | Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | |
| | Lisbon ... | 30.04 | 72 | W | 5 | b | 30.08 | 00 | 65 | 53 | +5 | NE | 5 | b | # | b | 82 | 63 | - | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Monday, 5th Sept. 1892.

BAROMETER, WIND AND 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.

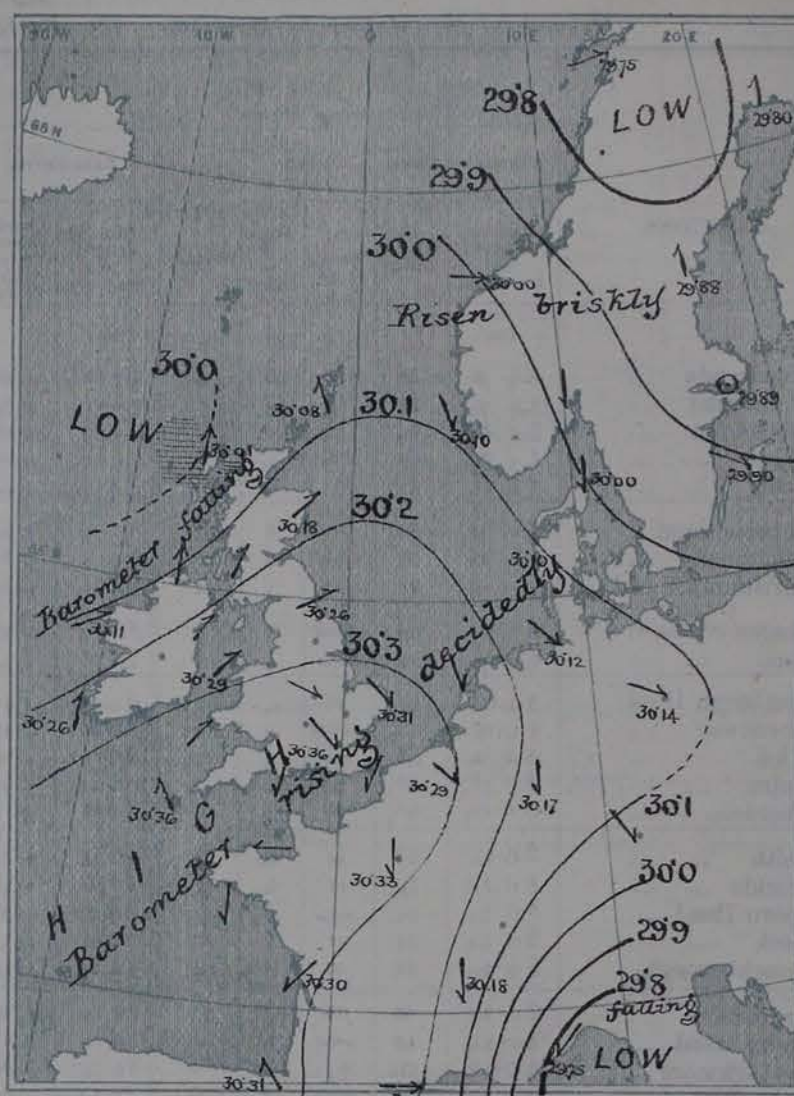
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.950 |
| Ardrossan | 29.865 |
| Mullaghmore | 29.800 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.917 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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.

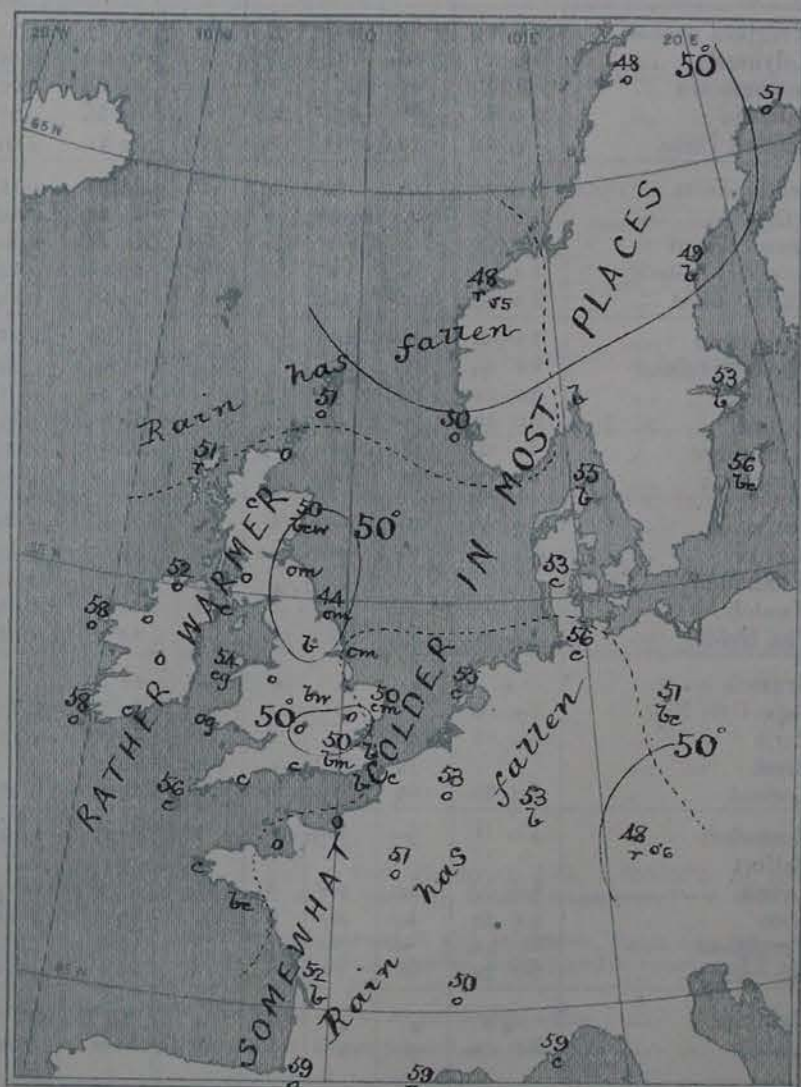
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-------------------|-------------------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | at 8 a.m. Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 63.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.78 |
| Ardrossan | 59.6 | 49.1 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.20 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 1.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 54.7 | 58.4 | 56.3 | 3.11 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.4 | 54.8 | 59.8 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.1 | 52.9 | 57.7 | 55.2 | 2.61 |
| LONDON | 66.4 | 49.0 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.0 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 54.6 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.4 | 2.01 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins. and upwards, in an anticyclone lying over England, the Channel, the Bay of Biscay, and the northern part of France.
Lowest, 29.8 ins. and less, in a shallow depression lying over the north of Scandinavia; and also in a deeper system over the Gulf of Genoa.
Gradients slight. Barometer falling in the west and north of our Islands, but rising elsewhere.

TEMPERATURE

Highest, 68° at Lebow, 59° at Nice and Bimby, 58° at Blimmet, Valencia Island and Rocher Point, and 57° at Perpignan.
Lowest, (1) 44° at Shields, 45° at York, and 48° at Oxford; (2) 48° at Christiansund and Skutumpah, and 49° at Hinnisand; (3) 48° at Munich.
The maxima registered yesterday were below 60° in many parts of the United Kingdom, and below 55° at several of our northern stations.

WIND

S¹ or SW¹ in the west and north of our Islands, and strong in force in the Hebrides.
Light from the NW¹ or N¹ over France, Germany, and the eastern, central, and southern part of England, and fresh from NW over Denmark and the south of Norway.
S¹ in Sweden; W¹ in the northwest of Norway.

WEATHER

Dull in the western and northern parts of the United Kingdom and also in the west of Norway, with rain at Tromsø, Christiansund, and in most other parts of our area, but rainy at Denmark.
Showers fell yesterday at one or two of our own stations, and very generally over France, the Netherlands, and the eastern shores of the North Sea.

SEA

Slight or smooth generally, but rough at Tromsø.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Depressions are now beginning to travel northwards along our western coasts, and the wind there is likely to increase in force from the S¹ with rainy weather. The unsettled conditions will probably spread eastwards, but our southeastern counties are scarcely likely to be affected much within the ensuing 24 hours.

FORECASTS

For the 24 hours ending at NOON on 6th SEPT 1892.

DISTRICTS.

FORECASTS.

| | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | S ¹ winds, increasing in force; dull, some rain. |
| 1 | SCOTLAND EAST | S ¹ and SW ¹ winds, moderate; fair to dull and some rain. |
| 2 | ENGLAND N.E. | |
| 3 | ENGLAND EAST | NW ¹ to SW ¹ winds, light; fair generally, warmer. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

| | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | S ¹ and SW ¹ winds, freshening; dull, some rain. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | S ¹ winds, freshening; fair to dull and some rain. |
| 9 | IRELAND NORTH | Same as N° 0. |
| 10 | IRELAND SOUTH | |

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | Ther. | WIND. | P. | WEA. | SEA. | | BAR. | Ther. | WIND. | P. | WEA. | SEA. |
|-------------------|-------|-------|-------|------|------|------|--------------------|-------|-------|-------|------|------|------|
| | | Dry. | Wet. | Dir. | | | | | Dry. | Wet. | Dir. | | |
| Skudesnaes ... | 29.88 | 52 | 48 | W | 1 | 1 | Valencia ... | | | | | | |
| Sumburgh Head ... | | | | | | | Scilly ... | | | | | | |
| Stornoway ... | 30.18 | 50 | 49 | W | 2 | 0 | Jersey ... | 30.23 | 60 | 54 | W | 4 | 60 |
| Aberdeen ... | | | | | | | Hurst Castle ... | | | | | | |
| Shields ... | | | | | | | Dungeness ... | 30.08 | 59 | 53 | N | 6 | 5 |
| Ardrossan ... | | | | | | | North Foreland ... | 30.08 | 56 | 52 | N | 6 | 6 |
| Malin Head ... | 30.24 | 54 | 47 | W | 2 | 6 | London ... | | | | | | |
| Mullaghmore ... | | | | | | | Yarmouth ... | | | | | | |
| Belmullet ... | 30.31 | 58 | 51 | SW | 2 | 6 | Rocheport ... | 30.15 | 63 | 55 | N | 4 | 6 |
| Holyhead ... | | | | | | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather varying greatly in different parts of western Europe; fine in some places, but cloudy in others, with passing showers at one or two of our own stations and with rain over the Netherlands and the N.E. of France. Rain falling also over Bavaria, eastern Germany and at Kaspia, but weather fine and bright in Austria, Spain, Algeria and the southern parts of Russia and Italy. Some further improvement taking place over our Islands during day, but weather remaining changeable and showery at many of the Continental stations.

Temperature highest 81° at Pesaro and Tunis, 80° at Rome and La Cella, 79° at Brindisi, and 78° at Losina, above 70° over Italy, the Adriatic and the Mediterranean generally. Lowest 44° at Sumburgh Hd., 46° at Stornoway, 47° at Wick and Aberdeen, and 48° at Naurn and Christiansund; below 55° in nearly all parts of the United Kingdom and also over central France. Daily maxima below 60° over a considerable portion of NW Europe, but thermometer exceeding that point in the extreme south of our Islands and also at Lisbon. Rising to 81° at Naurn and 82° at Lisbon.

Winds moderate to strong from the NW or N in our Islands and France and from the NE in Spain. W. in Norway, with a gale at Christiansund. SW or S over Sweden & Finland. Light from the SE over Poland & the N. parts of Austria, S. in Italy, variable in Algeria. Wind subsequently falling light in many parts of our Islands and backing to the SW in the west of Ireland.

Barometer highest 30.3 ins. and upwards in an anticyclone spreading from the Atlantic over the SW of Ireland and the NW of Spain. 30.1 ins. and upwards in another system lying over central Russia. Lowest 29.4 ins. and less in a depression over the NW of Norway, 29.7 ins. and less in a secondary disturbance over Denmark and also in a well marked system lying over N. Italy and the Gulf of Genoa. Anticyclone in west subsequently moving eastwards, but barometer beginning to fall again in westernmost part in evening.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 28TH AUG. TO 3RD SEPT. 1892.

The weather of last week was exceedingly changeable and unsettled, with heavy falls of rain in nearly all parts of the Kingdom and with gales on many parts of our west and south coasts.

At the commencement of the week barometrical pressure was highest over the southern parts of France and Germany, and lowest in a large depression which lay to the N. of our Islands. A shallow secondary disturbance was, however, passing eastwards across the south of England and heavy rain fell in all parts of our southern and eastern coasts while strong winds were experienced at some of the Channel stations.

On the night of the 28th the depression both main and secondary travelled away to the E., but a new disturbance of considerable size and depth advanced towards our southwest coasts and in the course of the ensuing four days the latter system passed slowly NE. across Ireland, the S. of Scotland and the N. parts of the North Sea to Norway where it gradually dispersed. The progress of the disturbance was attended by heavy rains in many parts of the Kingdom, the fall being greatest in Ireland and the west of Scotland and by thunder and lightning in some few places. The wind increased to a slight gale from the E. or NE in the N. of Scotland and to a fresh to strong gale from SW or W. in the English Channel, with a rough sea on most parts of our coasts.

Towards the close of the week fresh depressions appeared off our N. coasts, while secondary systems passed directly over our Islands, the wind being strong to a gale in the S. and E. of England, and the weather squally and showery. On the 3rd however the disturbances were travelling away and the barometer was rising fast in the W. and N. of our Islands, while the wind was veering to the NW, with a gradual improvement in the weather.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

“ Weekly ” “ “ “ £1 10 0

DAILY WEATHER REPORT

for 8 a.m. on TUESDAY, 6th SEPTEMBER 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|---------------------|-----------------------------|--|-------|----------------------------------|-----------|----------|---|------------------|----------------------------------|------------------------------|-----------|-----------|--------------------------------|---------------|----------|-------------|------------------|---------------------|------|------|--|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dir. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yesterday Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dir. | Force (0 to 12). | | Max. | Min. | |
| | | In. | ° | | | | In. | | | | | | | | | | | In. | | | |
| SCANDINAVIA. | Haparanda ... | 29.82 | 48 | 2 | 0 | 0 | 29.93 | +1.3 | 51 | 48 | 0 | N | 2 | b | # | 0 | 54 | 46 | — | | |
| | Hernösand ... | 29.01 | 57 | W | 2 | b | 29.15 | +1.24 | 49 | 45 | 0 | W | 2 | b | # | 0 | 53 | 39 | — | | |
| | Stockholm ... | 29.06 | 53 | 2 | 0 | b | 29.21 | +1.32 | 52 | 48 | 0 | 2 | 0 | b | # | 0 | 62 | 45 | — | | |
| | Wisby ... | 29.09 | 56 | NW | 4 | b | 29.22 | +1.32 | 57 | 54 | +1 | NW | 4 | b | # | 0 | 61 | 53 | — | | |
| | Bodö ... | 29.94 | 46 | SW | 4 | 0 | 29.06 | +1.31 | 48 | 46 | 0 | SW | 2 | 0 | 1 | 0 | 48 | 43 | 0.22 | | |
| | Christiansund... | 29.14 | 48 | SW | 2 | 0 | 29.06 | +0.6 | 48 | 46 | 0 | E | 2 | 0 | 2 | 0 | 48 | 46 | 0.31 | | |
| | Skudesnaes ... | 29.19 | 53 | 2 | 0 | 0 | 29.17 | +0.7 | 53 | 52 | +5 | S | 4 | 0 | 2 | 0 | 53 | 48 | — | | |
| | Christiania Fjord (Færdler) | 29.10 | 58 | W | 4 | b | 29.15 | +1.21 | 56 | 53 | +4 | SE | 2 | 0 | 2 | 0 | 62 | 53 | — | | |
| | Skagen (The Seaw) | 29.13 | 60 | W | 1 | b | 29.25 | +1.25 | 53 | 51 | 0 | W | 2 | c | 1 | 0 | 61 | 48 | — | | |
| | Fanö ... | 29.26 | 53 | NW | 2 | 0 | 29.28 | +1.18 | 54 | 57 | +1 | S | 1 | 0 | 4 | 0 | 57 | 52 | — | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.01 | 53 | S | 2 | T | 29.99 | -0.9 | 54 | 53 | +3 | W | 2 | c | 4 | 0.7 | 54 | 48 | 0.15 | | |
| | Stornoway ... | 29.86 | 53 | SW | 7 | T | 29.92 | +0.1 | 54 | 53 | +3 | SW | 2 | b | 3 | 0.7 | 53 | 49 | 0.20 | | |
| | Wick ... | 29.02 | 53 | SW | 2 | T | 29.05 | -0.5 | 54 | 57 | +3 | SW | 2 | c | 2 | 0.7 | 54 | 49 | 0.15 | | |
| | Nairn ... | 29.99 | 57 | SW | 1 | bc | 29.07 | -0.4 | 54 | 52 | +3 | 2 | 0 | bc | 1 | bc | 58 | 49 | 0.23 | | |
| | Aberdeen ... | 29.10 | 53 | S | 2 | c | 29.09 | -0.9 | 57 | 55 | +9 | SW | 1 | c | 1 | c, T | 57 | 50 | 0.25 | | |
| | Leith ... | 29.13 | 56 | SW | 2 | c | 29.12 | -1.0 | 57 | 54 | +8 | W | 2 | om | # | c | 63 | 47 | — | | |
| | Shields ... | 29.21 | 57 | SW | 2 | c | 29.17 | -0.9 | 54 | 53 | +10 | SW | 2 | p | 2 | c | 62 | 41 | — | | |
| | Spurn Head ... | 29.26 | 58 | SW | 2 | c | 29.25 | -0.4 | 56 | 55 | +5 | SW | 2 | c | 3 | c | 62 | 49 | — | | |
| | York ... | 29.27 | 58 | W | 1 | bc | 29.25 | -0.3 | 57 | 53 | +8 | S | 2 | 0 | # | bc | 63 | 44 | — | | |
| | Loughborough | 29.31 | 61 | W | 1 | c | 29.30 | -0.5 | 54 | 53 | +3 | SW | 2 | cw | # | c | 66 | 47 | — | | |
| GERMANY & HOLLAND. | Ardrossan ... | 29.12 | 56 | SW | 2 | 0.7 | 29.13 | -0.7 | 58 | 57 | +5 | 2 | 0 | bc | 1 | c, 0 | 58 | 52 | 0.15 | | |
| | Malin Head ... | 29.98 | 56 | S | 7 | 0 | 29.12 | +0.2 | 53 | 54 | +3 | W | 2 | bc | 2 | 0.07 | 58 | 52 | 0.02 | | |
| | Mullaghmore ... | 29.06 | 57 | SW | 7 | 7.0 | 29.16 | +0.1 | 53 | 54 | 0 | SW | 2 | bc | 2 | 0.07 | 61 | 52 | 0.25 | | |
| | Belmullet ... | 29.04 | 58 | W | 6 | 7 | 29.16 | +0.3 | 56 | 54 | -2 | W | 2 | b | # | 0.7 | 58 | 53 | 0.26 | | |
| | Donaghadee ... | 29.16 | 58 | SW | 2 | 0 | 29.17 | -0.8 | 56 | 53 | +5 | NW | 2 | bc | 1 | 0 | 62 | 51 | 0.14 | | |
| | Liverpool (Bldston) | 29.29 | 56 | SW | 2 | c | 29.24 | -0.8 | 54 | 52 | +1 | S | 2 | 0 | 2 | c | 62 | 40 | — | | |
| | Holyhead ... | 29.26 | 57 | SW | 4 | c, 2 | 29.20 | -0.9 | 56 | 53 | +2 | SW | 4 | dmq | 4 | b, c, 2 | 61 | 54 | 0.06 | | |
| | Parsonstown ... | 29.18 | 58 | SW | 1 | T | 29.19 | -0.6 | 53 | 54 | +4 | 2 | 0 | c | # | T | 61 | 49 | 0.15 | | |
| | Valencia ... | 29.20 | 57 | S | 4 | Tm | 29.23 | -0.3 | 54 | 53 | -4 | 2 | 0 | bm | 1 | 0.7m | 62 | 51 | 0.17 | | |
| | Roche's Point | 29.26 | 57 | SW | 4 | c | 29.20 | -1.1 | 56 | 55 | -2 | N | 2 | om | 2 | c, m | 60 | 54 | 0.15 | | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 29.32 | 57 | SW | 4 | c | 29.26 | -0.7 | 58 | 55 | +2 | SW | 2 | og | 4 | c | 59 | 53 | — | | |
| | Scilly ... | 29.34 | 58 | SW | 4 | c | 29.28 | -0.8 | 60 | 53 | +4 | SW | 4 | c | 3 | c | 62 | 53 | — | | |
| | Prawle Point ... | 29.37 | 54 | W | 2 | bc | 29.34 | -0.4 | 54 | 53 | +2 | W | 2 | bc | 1 | bc | 61 | 48 | — | | |
| | Jersey (St. Aubin's) | 29.45 | 61 | SE | 1 | bm | 29.33 | -0.3 | 62 | 58 | +4 | SE | 2 | cm | 2 | bc, bm | 64 | 46 | — | | |
| | Hurst Castle ... | 29.37 | 58 | W | 2 | b | 29.33 | -0.5 | 56 | 52 | +3 | NW | 2 | c | 1 | bc, b | 64 | 53 | — | | |
| | Dungeness ... | 29.34 | 58 | W | 2 | b | 29.32 | -0.1 | 55 | 52 | +3 | NW | 2 | c | 1 | b | 61 | 43 | — | | |
| | North Foreland | 29.33 | 55 | NE | 2 | 0 | 29.31 | -0.3 | 58 | 54 | +3 | W | 2 | bm | 2 | b, 0 | 58 | 47 | — | | |
| | London ... | 29.35 | 56 | W | 2 | bc | 29.33 | -0.3 | 57 | 53 | +7 | W | 1 | ow | # | c, b | 62 | 42 | — | | |
| | Oxford ... | 29.36 | 58 | SW | 1 | bc | 29.33 | -0.4 | 52 | 53 | +4 | W | 1 | 0 | # | bc | 61 | 45 | — | | |
| | Cambridge ... | 29.38 | 56 | SW | 1 | c | 29.33 | -0.4 | 49 | 48 | 0 | SW | 1 | 0 | # | c | 64 | 39 | — | | |
| PENINSULA. | Yarmouth ... | 29.30 | 57 | W | 1 | c | 29.30 | -0.1 | 54 | 51 | +4 | W | 2 | bc | 2 | c | 58 | 45 | — | | |
| | Cuxhaven ... | 29.23 | 55 | NW | 2 | 0 | 29.31 | +1.9 | 53 | 52 | -1 | S | 1 | bc | # | 0 | 57 | 53 | — | | |
| | Berlin ... | 29.22 | 57 | NW | 2 | c | 29.25 | +1.1 | 50 | 49 | -1 | NW | 2 | c | # | 0 | 63 | 46 | 0.04 | | |
| | Wiesbaden ... | 29.23 | 46 | W | 2 | 7 | 29.29 | +1.2 | 53 | 47 | 0 | N | 1 | c | # | # | 63 | 48 | — | | |
| | Munich ... | 29.23 | 46 | W | 2 | 7 | 29.21 | +1.5 | 48 | 43 | -5 | SW | 4 | T | # | T | 53 | 41 | 1.22 | | |
| | The Helder ... | 29.38 | 55 | N | 6 | c | 29.36 | +0.7 | 54 | 51 | -1 | SW | 1 | b | 1 | c | 57 | 50 | — | | |
| | Brussels (9 a.m.) | * | * | * | * | * | 29.34 | +0.5 | 52 | 49 | 0 | 2 | 0 | 0 | # | bc | 62 | 43 | — | | |
| | Cape Gris Nez | 29.32 | 54 | E | 1 | b | 29.31 | +1.0 | 51 | 50 | -1 | E | 1 | c | 0 | b | 61 | 48 | — | | |
| | Paris ... | 29.36 | 58 | N | 2 | 0 | 29.35 | +0.2 | 47 | 46 | -4 | NW | 1 | b | # | 0 | 62 | 44 | — | | |
| | Brest ... | * | 57 | N | 2 | b | 29.35 | * | 52 | 49 | -2 | NE | 2 | c | 2 | b | 64 | 43 | — | | |
| PENINSULA. | Lorient ... | 29.35 | 61 | NW | 2 | bc | 29.33 | -0.2 | 52 | 50 | -1 | E | 2 | b | 2 | bc | 66 | 52 | — | | |
| | Rochefort ... | 29.24 | 53 | N | 1 | 0 | 29.18 | 0.0 | 50 | 48 | 0 | NW | 4 | b | # | 0 | 60 | 47 | — | | |
| | Belfort ... | 29.26 | 65 | SE | 2 | bc | 29.33 | +1.8 | 60 | 49 | +1 | E | 2 | b | # | bc | 72 | 54 | — | | |
| | Lyons ... | 29.18 | 63 | NW | 4 | b | 29.17 | -0.3 | 59 | 51 | 0 | W | 2 | b | # | b | 67 | 52 | — | | |
| | Nice ... | 29.30 | 65 | NW | 4 | b | 29.25 | -0.6 | 51 | 48 | -8 | E | 4 | b | 2 | b | 70 | 48 | — | | |
| | Perpignan ... | 29.30 | 65 | NW | 4 | b | 29.25 | -0.6 | 51 | 48 | -8 | E | 4 | b | 2 | b | 70 | 48 | — | | |
| | Biarritz ... | 29.30 | 65 | NW | 4 | b | 29.25 | -0.6 | 51 | 48 | -8 | E | 4 | b | 2 | b | 70 | 48 | — | | |
| | Corunna ... | 29.06 | 76 | NW | 2 | * | 29.05 | -0.3 | 68 | 54 | 0 | NE | 4 | b | * | * | 88 | 64 | — | | |
| | Lisbon ... | 29.06 | 76 | NW | 2 | * | 29.05 | -0.3 | 68 | 54 | 0 | NE | 4 | b | * | * | 88 | 64 | — | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday, 6th September, 1892.

BAROMETER, WIND AND 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.

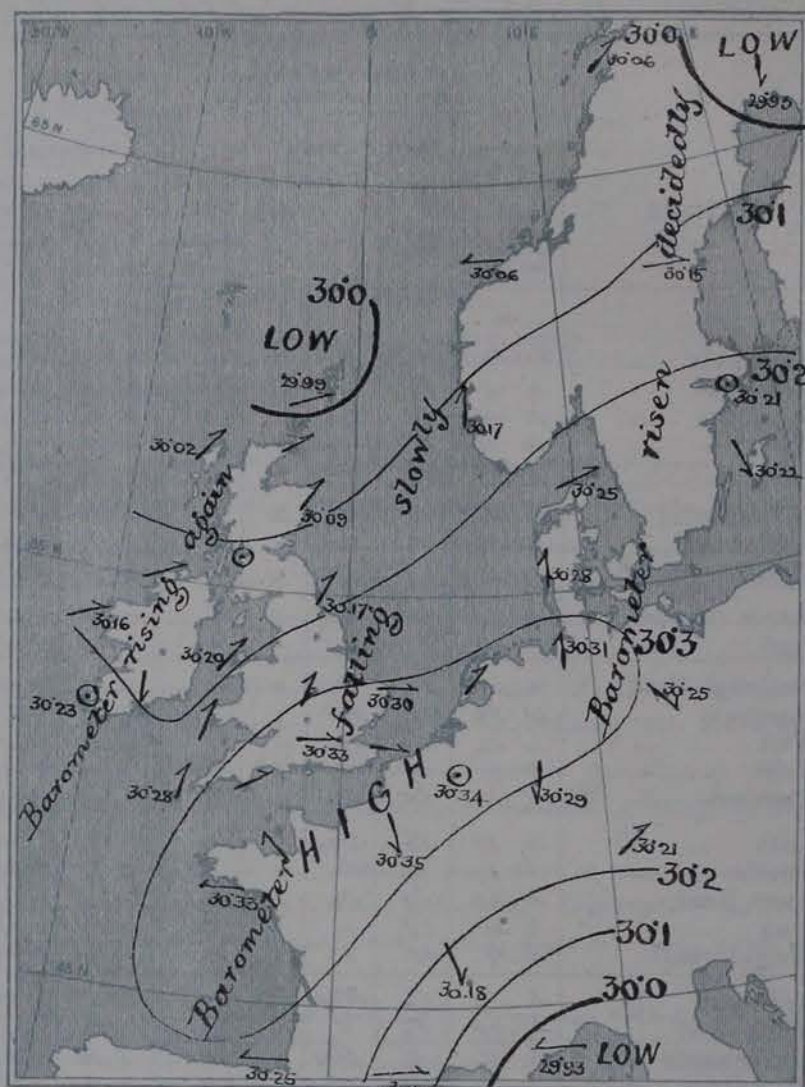
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
during the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------|---------------|---------------|-------------------|------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.8 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.15 |
| Valencia | 61.8 | 51.5 | 55.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 51.7 | 53.1 | 50.3 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.4 | 61.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.61 |
| LONDON | 65.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 54.6 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards, in an anticyclone lying over the Netherlands, the south of England, the Channel, and the northern parts of France.
Lowest, 30.0 in. and less, in a shallow depression lying off the north of Scotland and also in other disturbances lying respectively over the north of Sweden and the Gulf of Genua.

Gradients slight. Barometer falling a little over England and France, but rising in most other parts of Western Europe.

TEMPERATURE

Highest, 68° at Farnborough, 62° at Jersey, 66° at Scilly, and Nice, 59° at Aberdeen and Penzance, and 58° at Anderson's Pembroke and North Foreland.

Lowest, (1) 43° at Munich, 47° at Paris, and 50° at Berlin; (2) 48° at Bodo and Christiansund, and 49° at Helsingfors.

The maxima registered over the United Kingdom yesterday varied in most cases between 60° and 65°; in the north of Scotland, however, the thermometer did not exceed 55°.

WIND

Light from the SW^{ly} over the greater part of the United Kingdom, but variable in the south of Ireland.

S^{ly} in Denmark and the south of Norway; variable at the Scandinavian and German stations.

Light from the E^{ly} in the west and south of France.

WEATHER

Dull at most of the English stations, and also in the west of Norway, with slight rain at Shields and Holyhead.

Fine in most other parts of Western Europe.

Rain fell yesterday in the west and extreme north of our Islands, and also in the west of Norway.

SEA

Moderate to smooth.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression which appeared off our northwest coast yesterday is now travelling away to the northward. A shallow secondary system is, however, lying over the St. George's Channel, and is apparently moving eastwards. Slight rain is therefore probable in many parts of England.

FORECASTS

For the 24 hours ending at NOON on 7th SEPT. 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | { SW ^{ly} winds, light, fair to cloudy and showery. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | SW ^{ly} winds, light or moderate; cloudy, showery. |
| 3 | ENGLAND EAST | { W ^{ly} to SW ^{ly} winds, light or moderate; cloudy, some showers. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | { SW ^{ly} to W ^{ly} winds, light or moderate; cloudy, some rain. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | |
| 9 | IRELAND NORTH | Same as Nos 0 and 1. |
| 10 | IRELAND SOUTH | Variable breezes, finally S ^{ly} , fair to cloudy and some rain. |
| | | The SOUTH CONE was hoisted last evening in districts 0, 6, 7, 9, and 10, but the signals have been lowered this morning. |

WARNINGS

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND Direc. | F. | WEA. | SEA. | | BAR. | THER. | | WIND Direc. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|----------------|----|------|------|--------------------|-------|-------|------|----------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 30.17 | 57 | 57 | NW | 2 | 0 | 2 | Valencia ... | 30.23 | 60 | 56 | 0 | 5 | 0 | 5 |
| Sumburgh Head ... | 30.05 | 57 | 57 | NW | 2 | 0 | 4 | Scilly ... | 30.30 | 62 | 55 | NW | 4 | c | 2 |
| Stornoway ... | 30.05 | 53 | 53 | 0 | 6 | 7 | 6 | Jersey ... | 30.31 | 64 | 55 | ENE | 3 | bc | 3 |
| Aberdeen ... | 30.12 | 56 | 57 | NW | 2 | c | 2 | Hurst Castle ... | 30.3 | 62 | 55 | NW | 2 | bc | 1 |
| Shields ... | 30.22 | 57 | 52 | NW | 2 | c | 2 | Dungeness ... | 30.33 | 59 | 53 | ENE | 2 | b | 1 |
| Ardrossan ... | 30.15 | 57 | 55 | NW | 2 | c | 1 | North Foreland ... | 30.31 | 59 | 54 | N | 2 | b | 1 |
| Malin Head ... | 30.04 | 57 | 54 | NW | 6 | 0 | 3 | London ... | 30.36 | 61 | 57 | NW | 3 | c | * |
| Mullaghmore ... | 30.10 | 60 | 55 | 0 | 6 | 0 | 5 | Yarmouth ... | 30.31 | 57 | 50 | N | 3 | c | 3 |
| Belmullet ... | 30.07 | 57 | 5 | NW | 7 | 7 | * | Rochefort ... | 30.32 | 66 | 57 | N | 3 | 0 | * |
| Holyhead ... | 30.21 | 60 | 55 | NW | 3 | 6 | 3 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather dull in the western and northern parts of our Islands and Scandinavia, with rain at Stornoway and Christiansund. Dull and rainy also in some parts of Germany, Austria, northern Italy, and Central Algeria, but fine and bright in most other parts of Europe. Rain falling during day in Ireland and Scotland generally, the amount at Valencia Island being as much as 0.5 in. Heavy rain reported in Bavaria (1.2 in. at Munich).

Temperature highest 81° at Brindisi, 78° at Malta, 76° at Algiers, and 73° at Oran, but below 70° at most of the Mediterranean stations, and considerably below 60° over Central Spain. Lowest (1) 44° at Skibbe, 45° at York, and 46° at Oxford; (2) 48° at Bodø and Christiansund; (3) 48° at Munich, and 50° at Vienna and Lyons. Rains during day to between 60° and 65° in most parts of the United Kingdom, but remaining below 55° in the north of Scotland. Reaching 70° or more in the extreme south of France and 88° at Lisbon.

Wind S¹ or SW¹ in the west and north of our Islands and strong in force in the Hebrides. Light from the NW^{ult} or N^{ult} over France, Germany, and the eastern, central, and southern part of England, and from the NE^{ult} in Spain. Light from the S^{ult} in the northern parts of Sweden and Russia, variable over the southern parts of Russia. SW¹ or S¹ also over Italy and the Adriatic; N¹ or NW¹ in Algeria. Subsequently increasing to a moderate gale from the S^{ult} or SW^{ult} in the extreme west and northwest of our Islands, and backing to the SW^{ult} over the greater part of England.

Barometer highest 30.3 in. and upwards, in an anticyclone lying over England, the Channel, the Bay of Biscay, and the northern parts of France; 30.1 in. and upwards over Central Russia. Lowest 29.7 in. and less, in two small depressions lying respectively over the Gulf of Genoa and the northern part of the Adriatic, 29.8 in. and less, in a large area lying over the north of Scandinavia, and also in a small secondary system over the Baltic Provinces, 30.0 in. and less, in a large but somewhat shallow disturbance off the northwest of Scotland. Last mentioned system advancing close to our shores later, and barometer ^{falling} rather decidedly on our western and northern coasts.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 7th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|--------------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|------------------------|------|------|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dirce. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dirce. | Force (0 to 12). | | Max | Min. |
| | | Inch. | ° | | | | Inch. | ° | ° | ° | | | | | | | ° | Inch. | | |
| SCANDINAVIA. | Haparanda ... | 30.13 | 49 | Z | 0 | b | 30.29 | +0.36 | 47 | 46 | - 4 | Z | 0 | b | # | 7 | 59 | 43 | - | |
| | Hernösand ... | 30.24 | 45 | Z | 0 | b | 30.35 | +0.20 | 47 | 45 | - 2 | SW | 2 | c | # | 7 | 64 | 41 | - | |
| | Stockholm ... | 30.29 | 54 | W | 2 | b | 30.32 | +0.11 | 55 | 52 | + 2 | Z | 0 | b | # | 7 | 66 | 45 | - | |
| | Wisby ... | 30.30 | 53 | E | 2 | b | 30.30 | +0.08 | 58 | 54 | + 1 | ESE | 2 | b | # | 7 | 61 | 50 | - | |
| | Bodö ... | 30.15 | 46 | Z | 0 | e | 30.21 | +0.15 | 51 | 51 | + 3 | E | 1 | b | 1 | c | 52 | 46 | - | |
| | Christiansund... | 30.15 | 53 | ESE | 1 | 0 | 30.08 | +0.02 | 53 | 51 | + 5 | Z | 0 | c | 0 | 0 | 54 | 48 | - | |
| | Skudesnaes ... | 30.20 | 57 | SSE | 5 | 0 | 30.13 | -0.07 | 57 | 53 | + 2 | SSE | 6 | 0 | 3 | o.m. 0 | 58 | 55 | - | |
| | Christiania Fjord (Fairder) | 30.20 | 58 | WSW | 3 | b | 30.26 | +0.11 | 57 | 54 | + 1 | WSW | 3 | c | 3 | 0 | 59 | 55 | - | |
| | Skagen (The Scan.) | 30.26 | 53 | Z | 0 | b | 30.23 | -0.02 | 57 | 54 | + 2 | S | 1 | b | 0 | 0 | 61 | 46 | - | |
| | Fanö ... | 30.26 | 53 | S | 1 | b | 30.19 | -0.09 | 51 | 50 | - 3 | E | 2 | b | # | 0 | 64 | 50 | - | |
| BRITISH ISLANDS. | Sumburgh Head | 30.07 | 53 | S | 1 | b | 29.86 | -0.13 | 53 | 52 | - 1 | S | 3 | 0 | 4 | 7 | 58 | 47 | - | |
| | Stornoway ... | 30.00 | 56 | SW | 6 | c | 29.80 | -0.22 | 49 | 49 | - 5 | SW | 2 | 0 | 3 | b.c | 59 | 47 | 0.12 | |
| | Wick ... | 30.08 | 55 | W | 2 | b | 29.82 | -0.23 | 54 | 52 | - 0 | S | 3 | 0 | 1 | b | 62 | 49 | - | |
| | Nairn ... | 30.04 | 54 | W | 1 | b | 29.81 | -0.26 | 54 | 51 | - 0 | S | 1 | b | 1 | b | 65 | 47 | - | |
| | Aberdeen ... | 30.08 | 55 | S | 2 | b | 29.88 | -0.21 | 53 | 52 | - 6 | S | 2 | cm | 1 | b.p | 63 | 47 | 0.02 | |
| | Leith ... | 30.09 | 58 | Z | 0 | c | 29.87 | -0.25 | 53 | 52 | - 4 | Z | 0 | m | # | c | 62 | 47 | 0.04 | |
| | Shields ... | 30.14 | 60 | SSW | 2 | 0 | 29.95 | -0.22 | 54 | 54 | - 0 | S | 3 | 0 | 2 | cr. 0 | 61 | 51 | 0.28 | |
| | Spurn Head ... | 30.19 | 59 | SSW | 2 | 0 | 30.03 | -0.22 | 55 | 55 | - 1 | SSW | 3 | 0 | 2 | 0 | 64 | 52 | - | |
| | York ... | 30.19 | 61 | SSW | 1 | 0 | 30.00 | -0.25 | 55 | 54 | + 2 | S | 2 | m | # | 0 | 62 | 52 | 0.02 | |
| | Loughborough | 30.23 | 59 | SSE | 2 | 0 | 30.07 | -0.23 | 55 | 52 | + 1 | S | 3 | c | # | 0 | 64 | 54 | - | |
| GERMANY & HOLLAND. | Ardrossan ... | 30.09 | 57 | SSW | 1 | b | 29.87 | -0.26 | 56 | 55 | - 2 | SSW | 3 | c | 2 | c.b | 60 | 50 | - | |
| | Malin Head ... | 30.07 | 57 | E | 1 | 0 | 29.89 | -0.23 | 47 | 46 | - 8 | WNW | 3 | 0 | 3 | b.o | 60 | 47 | 0.21 | |
| | Mullaghmore ... | 30.08 | 57 | Z | 0 | c | 29.95 | -0.21 | 52 | 48 | - 3 | WNW | 5 | c | 4 | e | 61 | 47 | 0.17 | |
| | Belmullet ... | 30.07 | 57 | WSW | 2 | c | 30.00 | -0.16 | 54 | 49 | - 2 | WNW | 5 | c | # | a.c | 60 | 49 | 0.58 | |
| | Donaghadee ... | 30.11 | 58 | SSW | 3 | b | 29.92 | -0.25 | 51 | 50 | - 5 | WSW | 3 | 0 | 1 | b | 60 | 51 | 0.01 | |
| | Liverpool (Bidston) | 30.18 | 59 | S | 2 | 0 | 29.99 | -0.25 | 55 | 54 | + 1 | S | 2 | 0 | 2 | 0 | 60 | 53 | 0.29 | |
| | Holyhead ... | 30.14 | 56 | SSW | 4 | rgm | 29.98 | -0.22 | 55 | 53 | - 1 | SW | 4 | 0 | 3 | md. rg | 57 | 54 | 0.36 | |
| | Parsonstown ... | 30.11 | 61 | Z | 0 | b | 30.01 | -0.18 | 48 | 46 | - 7 | SW | 1 | 0 | # | b | 66 | 48 | 0.23 | |
| | Valencia ... | 30.18 | 57 | SSW | 2 | cm | 30.13 | -0.10 | 55 | 50 | + 1 | WNW | 4 | 0 | 5 | b.c, cm | 61 | 51 | 0.15 | |
| | Roche's Point | 30.15 | 58 | SW | 3 | b | 30.11 | -0.09 | 54 | 51 | - 2 | WNW | 4 | b | 3 | b | 63 | 51 | - | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 30.20 | 57 | SSW | 4 | 0 | 30.06 | -0.20 | 55 | 54 | - 3 | W | 4 | c | 5 | o.g | 58 | 53 | 0.39 | |
| | Scilly ... | 30.24 | 58 | SSW | 4 | 0 | 30.11 | -0.17 | 57 | 55 | - 3 | NW | 4 | c | 3 | c | 62 | 53 | 0.03 | |
| | Prawle Point ... | 30.27 | 54 | S | 1 | b | 30.14 | -0.20 | 56 | 53 | + 2 | WSW | 3 | c | 2 | b | 59 | 51 | - | |
| | Jersey (St. Aubin's) | 30.28 | 62 | ESE | 1 | b | 30.17 | -0.16 | 59 | 55 | - 3 | SE | 3 | c | 3 | e.b | 65 | 46 | - | |
| | Hurst Castle ... | 30.26 | 58 | SW | 3 | b | 30.14 | -0.19 | 59 | 56 | + 3 | WSW | 4 | c | 1 | b | 63 | 54 | - | |
| | Dungeness ... | 30.24 | 58 | WSW | 2 | b | 30.14 | -0.18 | 56 | 53 | + 1 | Z | 0 | b | 0 | b | 65 | 48 | - | |
| | North Foreland | 30.23 | 57 | S | 1 | c | 30.13 | -0.18 | 55 | 52 | - 3 | SSW | 1 | 0 | 1 | b.c | 60 | 51 | - | |
| | London ... | 30.24 | 59 | S | 2 | c | 30.13 | -0.20 | 57 | 52 | - 0 | WSW | 1 | c | # | c | 65 | 46 | - | |
| | Oxford ... | 30.24 | 57 | WSW | 1 | 0 | 30.11 | -0.22 | 53 | 51 | + 1 | SSW | 2 | 0 | # | 0 | 62 | 52 | - | |
| | Cambridge ... | 30.26 | 59 | SW | 1 | c | 30.10 | -0.23 | 57 | 52 | + 8 | SW | 2 | c | # | c | 65 | 47 | - | |
| PENINSULAR. | Yarmouth ... | 30.24 | 58 | S | 3 | b | 30.11 | -0.19 | 55 | 52 | + 1 | WSW | 2 | b | 2 | b.b | 60 | 51 | - | |
| | Cuxhaven ... | 30.28 | 54 | E | 1 | b | 30.17 | -0.14 | 54 | 52 | - 1 | NW | 3 | b | # | b | 59 | 53 | - | |
| | Berlin ... | 30.21 | 59 | N | 3 | c | 30.02 | -0.23 | 56 | 53 | + 6 | N | 3 | 0 | # | c | 63 | 50 | - | |
| | Wiesbaden ... | 30.19 | 54 | N | 3 | # | 30.08 | -0.21 | 53 | 51 | - 0 | N | 1 | 0 | # | # | 55 | 50 | 0.12 | |
| | Munich ... | 30.19 | 46 | N | 3 | # | 30.06 | -0.15 | 44 | 44 | + 1 | SW | 4 | 0 | # | # | 48 | 43 | 0.98 | |
| | The Helder ... | 30.31 | 53 | SE | 1 | b | 30.20 | -0.16 | 53 | 50 | - 1 | SSE | 1 | c | 1 | b | 61 | 50 | - | |
| | Brussels (9 a.m.) | 30.17 | 53 | 49 | 0 | ESE | 1 | 0 | 53 | 49 | 0 | ESE | 1 | 0 | # | c | 59 | 47 | - | |
| | Cape Gris Nez | 30.25 | 57 | Z | 0 | c | 30.20 | -0.15 | 50 | 46 | - 1 | SE | 2 | 0 | 0 | c | 63 | 46 | - | |
| | Paris ... | 30.26 | 56 | N | 2 | b | 30.20 | -0.15 | 45 | 44 | - 2 | N | 1 | 0 | # | b | 63 | 39 | - | |
| | Brest ... | 30.24 | 63 | NW | 1 | b | 30.19 | -0.14 | 55 | 53 | + 2 | NW | 1 | c | 2 | b | 72 | 43 | - | |
| PENINSULAR. | Lorient ... | 30.24 | 64 | WNW | 3 | b | 30.19 | -0.14 | 52 | 51 | - 0 | WNW | 1 | b | 2 | b | 68 | 52 | - | |
| | Rocheport ... | 30.17 | 66 | ENE | 3 | b | 30.16 | -0.16 | 53 | 50 | - 3 | ESE | 3 | b | # | b | 64 | 48 | - | |
| | Belfort ... | 30.16 | 55 | NW | 3 | b | 30.16 | -0.02 | 47 | 45 | - 3 | S | 1 | b | # | b | 64 | 44 | - | |
| | Lyons ... | 29.99 | 62 | Z | 0 | c | 29.96 | +0.03 | 59 | 50 | - 1 | E | 1 | b | # | c | 72 | 54 | - | |
| | Nice ... | 30.08 | 67 | NW | 1 | b | 30.08 | -0.09 | 56 | 51 | - 3 | SW | 1 | b | # | b | 75 | 48 | - | |
| | Perpignan ... | 30.15 | 67 | N | 3 | b | 30.19 | -0.06 | 57 | 51 | + 6 | ESE | 2 | b | 1 | b | 70 | 50 | - | |
| | Biarritz ... | 30.01 | 73 | NW | 3 | b | 30.01 | -0.04 | 67 | 56 | - 1 | Z | 0 | b | # | b | 79 | 64 | - | |
| | Corunna ... | 30.01 | 73 | NW | 3 | b | 30.01 | -0.04 | 67 | 56 | - 1 | Z | 0 | b | # | b | 79 | 64 | - | |
| | Lisbon ... | 30.01 | 73 | NW | 3 | b | 30.01 | -0.04 | 67 | 56 | - 1 | Z | 0 | b | # | b | 79 | 64 | - | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Wednesday, 7th Sept. 1892.

BAROMETER, WIND AND SEA.

EXPLANATION OF MAP.

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

Changes since previous morning are stated in words.

WIND—Arrows shew 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 shewn thus:

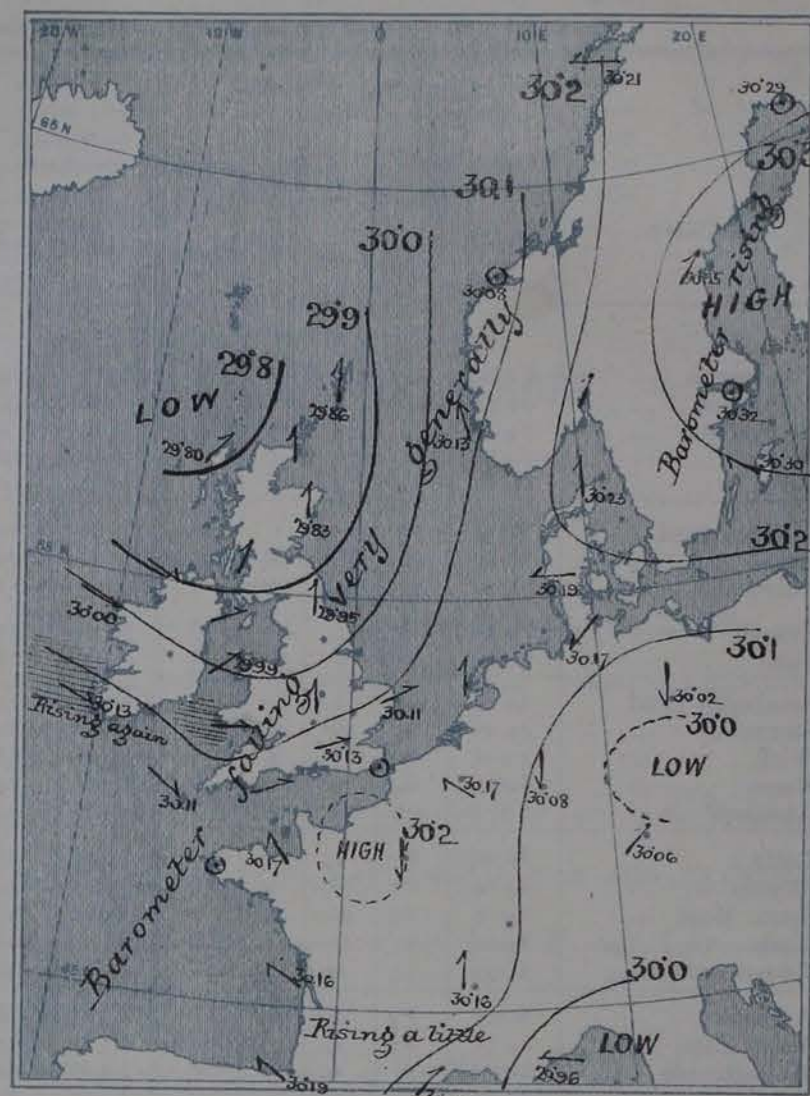
≡ = Rough. ≡ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September

During the 25 Years: 1871—1890.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.820 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.985 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.920 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------------|---------------|---------------|-----------|------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. | | |
| | | | Dry. | Wet. | |
| Sumburgh Head..... | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick..... | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head..... | 60.1 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 2.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke..... | 60.1 | 53.0 | 56.1 | 53.9 | 5.58 |
| Scilly | 61.8 | 51.7 | 58.4 | 56.2 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 61.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.6 | 55.8 | 63.5 | 2.35 |
| Oxford | 64.0 | 48.9 | 54.0 | 52.1 | 2.69 |
| Cambridge | 65.6 | 48.1 | 54.6 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 25 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins. and upwards, in an anticyclone lying over Sweden and Finland.
 Lowest, 29.8 ins. and less, in a shallow depression lying off the northwest of Scotland; 30.0 ins. and less in two other disturbances lying respectively over Germany and over the Gulf of Genoa.
 Gradients slight and becoming very irregular. Barometer falling at all but the Swedish stations.

TEMPERATURE

Highest, 67° at Lisbon, 59° at ~~Paris~~ ^{Hampstead}, Hunt Castle, Jersey and Nice, and 58° at Wistye.
 Lowest, (1) 44° at Munich, 45° at Paris, and 47° at Lyons; (2) 47° at Haparanda and Helsingfors; (3) 48° at Banarstown.
 During yesterday the thermometer rose to between 60° and 65° in nearly all parts of the Kingdom; at Banarstown it reached 66°.

WIND

Moderate from the Wst on our western coasts, but light from the Sst in the north and east of our Islands.
 A cyclonic circulation of light breezes is reported over Germany, but variable winds in France and also in Scandinavia.

WEATHER

Fine and bright over Sweden, Denmark and the western and southern parts of France, and fair in the south of our Islands.
 Dull elsewhere with rain at some of our northern stations and also in Germany.
 Since yesterday morning rain has fallen in several parts of our western and northern districts, the largest amount being 0.6 in. at Balmuccia.
 Heavy rain (1 inch) occurred at Munich.

SEA

Slight or smooth generally, but rather rough at Valencia Island and Pembroke.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is becoming very irregular. The depression off the northwest of Scotland is inclined to spread southwards, and another disturbance is apparently advancing westwards from Germany. The weather is therefore likely to become very unsettled, especially over England, with rain in many places.

FORECASTS

For the 24 hours ending at NOON on 8th SEPT 1892.

DISTRICTS.

FORECASTS.

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

Light breezes, chiefly Sst, changeable, some rain.
 SWst to variable breezes, dull, unsettled, some rain.

DISTRICTS.

FORECASTS.

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

SWst to Wst winds, light, changeable, some showers.

Wst to NWst winds, moderate or fresh, changeable, some showers.

WARNINGS

None issued

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | Ther. | WIND. | F. | WEA. | SEA. | | BAR. | Ther. | WIND. | F. | WEA. | SEA. |
|-------------------|-------|-------|-------|------|------|------|---|--------------------|-------|-------|------|------|------|
| | | Dry. | Wet. | Dir. | | | | | Dry. | Wet. | Dir. | | |
| Skudesnaes ... | 30.20 | 58 | 54 | SE | 4 | om | 3 | Valencia ... | 30.21 | 60 | 58 | WSW | 3 |
| Sumburgh Head ... | 30.06 | 57 | 54 | WSW | 2 | b | 4 | Scilly ... | 30.27 | 62 | 57 | SW | 4 |
| Stornoway ... | 30.04 | 56 | 54 | SW | 2 | b | 4 | Jersey ... | 30.31 | 64 | 57 | SE | 3 |
| Aberdeen ... | 30.10 | 60 | 57 | SE | 2 | b | 2 | Hurst Castle ... | 30.30 | 62 | 57 | SW | 2 |
| Shields ... | 30.15 | 59 | 56 | SSW | 2 | c | 2 | Dungeness ... | 30.28 | 63 | 56 | WSW | 2 |
| Ardrossan ... | 30.12 | 58 | 54 | SSW | 1 | b | 1 | North Foreland ... | 30.26 | 60 | 60 | N | 2 |
| Malin Head ... | 30.12 | 58 | 54 | WSW | 2 | c | 2 | London ... | 30.28 | 63 | 54 | SW | 2 |
| Mullaghmore ... | 30.14 | 58 | 55 | WSW | 2 | c | 2 | Yarmouth ... | 30.27 | 59 | 55 | SE | 2 |
| Belmullet ... | 30.15 | 59 | 54 | WSW | 2 | o | 2 | Rochefort ... | 30.23 | 72 | 62 | N | 3 |
| Holyhead ... | 30.19 | 57 | 56 | SSW | 4 | md | 4 | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather dull at most of the English stations, as well as in the west of Norway and many parts of Germany and Austria, with rain at a few places. Fine and bright in most other parts of Europe, but rainy at St. Petersburg. Rain falling during day at many of our own western and northern stations, the largest amount being 0.6 in. at Belmullet. Further heavy falls occurring in South Germany (1.0 in. at Munich).

Temperature in morning above 60° over Italy, eastern Europe, and the southern parts of France and Spain, but exceeding 70° over the central and southern parts of the Mediterranean only; the highest readings of all being 74° at Malta, and 72° at Oran and Algiers. Lowest (1) 43° at Munich and 47° at Paris; (2) 48° at Bodø and Christiansund, and 49° at Hirtsholmen; (3) 49° at Cambridge, below 55° in many parts of Central Europe. Rising during day to between 60° and 65° in most parts of the United Kingdom, and reaching 66° at Larne. Exceeding 70° over Spain and the south of France, and reaching 79° at Lisbon.

Wind light from the SWnd over the greater part of the United Kingdom, but variable in the south of Ireland; Sth on the eastern shores of the North Sea. Light Wth in Finland; and SWth over Central Russia, but variable in Sweden and the west of Norway, chiefly Nth or NWth in Germany, Eth in the west and south of France, NEth in Spain, variable in Italy and Algeria. No important change occurring over Western Europe during day.

Barometer highest, 30.3 in. and upwards in an anticyclone lying over the Netherlands, the south of England, the Channel, and the northern parts of France. Lowest 29.9 in. and less, in a large depression lying over Italy and the Adriatic, as well as in another system over northern Russia, 30.0 in. and less, in a shallow disturbance lying off the north of Scotland. Anticyclone subsequently travelling north-eastwards, and barometer falling slightly in all parts of Western Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; a. 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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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“ Weekly “ “ “ £1 10 0 “

DAILY WEATHER REPORT

for 8 a.m. on THURSDAY 8TH SEPTEMBER 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|---------------------|-----------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|------------------------|------|------|--|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dir. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dir. | Force (0 to 12). | | Max. | Min. | |
| | | Inch. | ° | | | | Inch. | ° | ° | ° | | | | | | ° | Inch. | | | | |
| SCANDINAVIA. | Haparanda ... | 30.36 | 45 | 2 | 0 | b | 30.34 | +0.5 | 51 | 50 | +4 | 2 | 2 | b | # | b | 59 | 39 | — | | |
| | Hernösand ... | 30.33 | 51 | 2 | 0 | f | 30.27 | -0.1 | 53 | 52 | +6 | 2 | 0 | f | # | f | 63 | 36 | — | | |
| | Stockholm ... | 30.30 | 53 | 2 | 0 | f | 30.14 | -1.1 | 59 | 55 | +4 | E | 4 | f | # | f | 66 | 46 | — | | |
| | Wisby ... | 30.18 | 52 | ESE | 7 | b | 30.01 | -2.9 | 59 | 56 | +1 | ESE | 6 | b | # | b | 64 | 46 | — | | |
| | Bodö ... | 30.08 | 57 | ESE | 1 | b | 30.02 | -1.9 | 59 | 54 | +1 | E | 2 | b | 1 | b | 61 | 50 | — | | |
| | Christiansund... | 29.89 | 54 | NB | 2 | c | 30.02 | -0.6 | 51 | 50 | -2 | ESE | 3 | T | 2 | c | 57 | 51 | 0.04 | | |
| | Skudesnaes ... | 30.02 | 57 | SSE | 4 | 0 | 29.98 | -1.5 | 54 | 52 | -3 | ESE | 4 | T | 3 | om, o | 52 | — | — | | |
| | Christiania Fjord (Færd) | 30.12 | 59 | NNE | 2 | bc | 30.04 | -2.2 | 56 | 54 | -1 | ENE | 5 | c | 3 | bc | 61 | 53 | 0.12 | | |
| | Skagen (The Scaw) | 30.07 | 58 | NB | 2 | T | 29.90 | -3.3 | 57 | 55 | 0 | E | 2 | 0 | 2 | T | 63 | 55 | 0.04 | | |
| | Fanö ... | 29.91 | 56 | E | 2 | 0 | 29.77 | -4.2 | 58 | 57 | +7 | ENE | 2 | 0 | # | 0 | 68 | 52 | 0.12 | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.80 | 51 | 2 | 0 | f | 29.94 | +0.8 | 51 | 49 | -2 | NNW | 1 | bc | 3 | o, f | 52 | 45 | 0.30 | | |
| | Stornoway ... | 29.86 | 55 | N | 3 | bc | 29.98 | +1.1 | 49 | 48 | 0 | SW | 2 | 0 | 3 | c, bc | 57 | 47 | 0.06 | | |
| | Wick ... | 29.85 | 48 | N | 2 | 0 | 29.99 | +1.7 | 48 | 46 | -6 | NN | 1 | b | 1 | o | 60 | 40 | 0.02 | | |
| | Nairn ... | 29.87 | 50 | NN | 2 | c | 30.02 | +2.1 | 52 | 50 | -2 | N | 1 | bc | 1 | c | 61 | 39 | 0.14 | | |
| | Aberdeen ... | 29.87 | 48 | NNW | 4 | oggt | 30.04 | +1.6 | 52 | 48 | -1 | NNW | 2 | bc | 1 | oggt | 58 | 38 | 0.19 | | |
| | Leith ... | 29.91 | 54 | N | 1 | b | 30.06 | +1.9 | 49 | 47 | -4 | N | 2 | bm | # | b | 57 | 42 | 0.03 | | |
| | Shields ... | 29.95 | 53 | NNW | 3 | b | 30.06 | +1.1 | 46 | 44 | -8 | NN | 2 | bm | 2 | cp | 59 | 39 | — | | |
| | Spurn Head ... | 29.95 | 56 | NNW | 3 | 0 | 30.02 | -0.1 | 50 | 50 | -5 | NNW | 5 | b | 4 | op | 58 | 46 | 0.03 | | |
| | York ... | 29.97 | 57 | N | 3 | b | 30.06 | +0.6 | 47 | 45 | -8 | NNW | 1 | b | # | b | 58 | 38 | 0.11 | | |
| | Loughborough | 30.02 | 55 | NNW | 2 | bc | 30.09 | +0.2 | 49 | 47 | -6 | NNW | 3 | bc | # | bc | 60 | 42 | 0.01 | | |
| GERMANY & HOLLAND. | Ardrossan ... | 29.94 | 55 | SW | 3 | b | 30.08 | +2.1 | 55 | 52 | -1 | 2 | 0 | b | 0 | b | 58 | 45 | — | | |
| | Malin Head ... | 29.98 | 53 | NNW | 5 | bc | 30.05 | +1.6 | 51 | 48 | +4 | SSE | 2 | bc | 4 | c, bc | 55 | 47 | 0.08 | | |
| | Mullaghmore ... | 30.07 | 54 | NNW | 5 | cp | 30.06 | +1.1 | 53 | 50 | +1 | SW | 1 | 0 | 5 | cp | 57 | 49 | 0.01 | | |
| | Belmullet ... | 30.11 | 54 | NN | 5 | c | 30.02 | +0.2 | 54 | 52 | 0 | SSE | 2 | 0 | # | oggt | 60 | 49 | 0.08 | | |
| | Donaghadee ... | 30.02 | 54 | NNW | 3 | b | 30.06 | +1.4 | 51 | 50 | 0 | N | 3 | b | 1 | oggt | 61 | 47 | 0.23 | | |
| | Liverpool (Bidston) | 30.03 | 54 | N | 4 | b | 30.12 | +1.3 | 54 | 50 | -1 | NNW | 3 | bc | 3 | b | 57 | 51 | 0.14 | | |
| | Holyhead ... | 30.06 | 53 | NNW | 4 | b | 30.13 | +1.5 | 55 | 51 | 0 | NN | 1 | bc | 2 | b | 58 | 50 | 0.01 | | |
| | Parsonstown ... | 30.12 | 53 | SW | 1 | b | 30.09 | +0.8 | 50 | 49 | +2 | SW | 1 | c | # | b | 58 | 46 | 0.17 | | |
| | Valencia ... | 30.25 | 56 | N | 4 | c, om | 30.11 | -0.2 | 58 | 58 | +3 | NNW | 4 | Tm | 4 | bc, oggt | 59 | 52 | 0.48 | | |
| | Roche's Point | 30.19 | 56 | NN | 4 | bc | 30.10 | -0.1 | 56 | 56 | +2 | N | 1 | Tm | 2 | bc | 60 | 50 | 0.06 | | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Rd.) | 30.13 | 56 | NNW | 3 | b | 30.17 | +1.1 | 54 | 51 | -1 | NN | 2 | odg | 3 | b | 57 | 52 | 0.02 | | |
| | Scilly ... | 30.21 | 57 | NN | 5 | c | 30.21 | +1.0 | 55 | 54 | -2 | NNW | 3 | om | 5 | c | 62 | 52 | — | | |
| | Prawle Point ... | 30.14 | 54 | NNW | 3 | b | 30.19 | +0.5 | 50 | 49 | -6 | NNW | 2 | og | 1 | bp | 59 | 47 | 0.03 | | |
| | Jersey (St. Aubin's) | 30.12 | 58 | NNW | 3 | ogd | 30.18 | +0.1 | 59 | 53 | 0 | NN | 4 | om | 3 | bc, ogd | 63 | 48 | 0.02 | | |
| | Hurst Castle ... | 30.07 | 58 | NNW | 2 | bc | 30.14 | 0.0 | 52 | 49 | -7 | NN | 4 | b | 2 | od, bc | 62 | 46 | — | | |
| | Dungeness ... | 30.02 | 57 | NNW | 4 | 0 | 30.02 | -1.2 | 51 | 48 | -5 | N | 5 | bc | 4 | c, o | 64 | 43 | 0.01 | | |
| | North Foreland | 30.00 | 55 | N | 2 | og | 29.99 | -1.4 | 51 | 48 | -4 | NN | 5 | c | 4 | c, og | 60 | 49 | — | | |
| | London ... | 30.02 | 56 | SSE | 1 | og | 30.08 | -0.5 | 51 | 48 | -6 | NN | 2 | bc | # | c, og, bc | 62 | 42 | 0.05 | | |
| | Oxford ... | 30.09 | 52 | NN | 3 | 0 | 30.11 | 0.0 | 51 | 48 | -2 | NNW | 2 | b | # | o, b | 60 | 41 | 0.05 | | |
| | Cambridge ... | 30.04 | 56 | SW | 1 | 0 | 30.05 | -0.5 | 50 | 48 | -7 | NN | 2 | b | # | o | 62 | 42 | 0.07 | | |
| PENINSULA. | Yarmouth ... | 29.99 | 57 | SW | 3 | Tom | 29.96 | -1.5 | 53 | 51 | -2 | NN | 4 | og | 4 | c, om | 61 | 46 | 0.09 | | |
| | Cuxhaven ... | 29.97 | 57 | NNW | 3 | 0 | 29.95 | -4.2 | 57 | 56 | +3 | N | 3 | 0 | # | 0 | 59 | 55 | — | | |
| | Berlin ... | 29.93 | 63 | 2 | 0 | 0 | 29.97 | -2.3 | 56 | 55 | 0 | N | 2 | T | # | 0 | 64 | 55 | 0.20 | | |
| | Wiesbaden ... | 30.08 | # | # | # | # | 29.91 | -1.7 | 53 | 51 | 0 | 2 | 0 | T | # | # | 57 | 52 | 0.20 | | |
| | Munich ... | 30.08 | 46 | N | 4 | c | 30.01 | -0.5 | 48 | 48 | +4 | N | 3 | T | # | c | 50 | 44 | — | | |
| | The Helder ... | 30.04 | 57 | NNW | 1 | c | 29.88 | -3.2 | 53 | 52 | 0 | 2 | 1 | T | 1 | c | 61 | 52 | 0.08 | | |
| | Brussels (9 a.m.) | * | * | * | * | * | 29.88 | -2.9 | 51 | 51 | -2 | NNW | 1 | T | # | 0 | 61 | 49 | 0.79 | | |
| | Cape Gris Nez | 30.04 | 58 | SW | 3 | 0 | 30.02 | 0 | 50 | 48 | 0 | NN | 5 | c | # | 0 | 61 | 48 | 0.08 | | |
| | Paris ... | 30.11 | 58 | NNE | 1 | b | 30.07 | -1.3 | 51 | 49 | +6 | NNW | 3 | b | # | b | 61 | 50 | 0.12 | | |
| | Brest ... | 30.16 | 62 | NNW | 4 | c | 30.24 | +0.5 | 55 | 52 | +3 | NN | 4 | c | 3 | 0 | 63 | 52 | — | | |

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Thursday, 8th Sept., 1892.

BAROMETER, WIND AND 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.

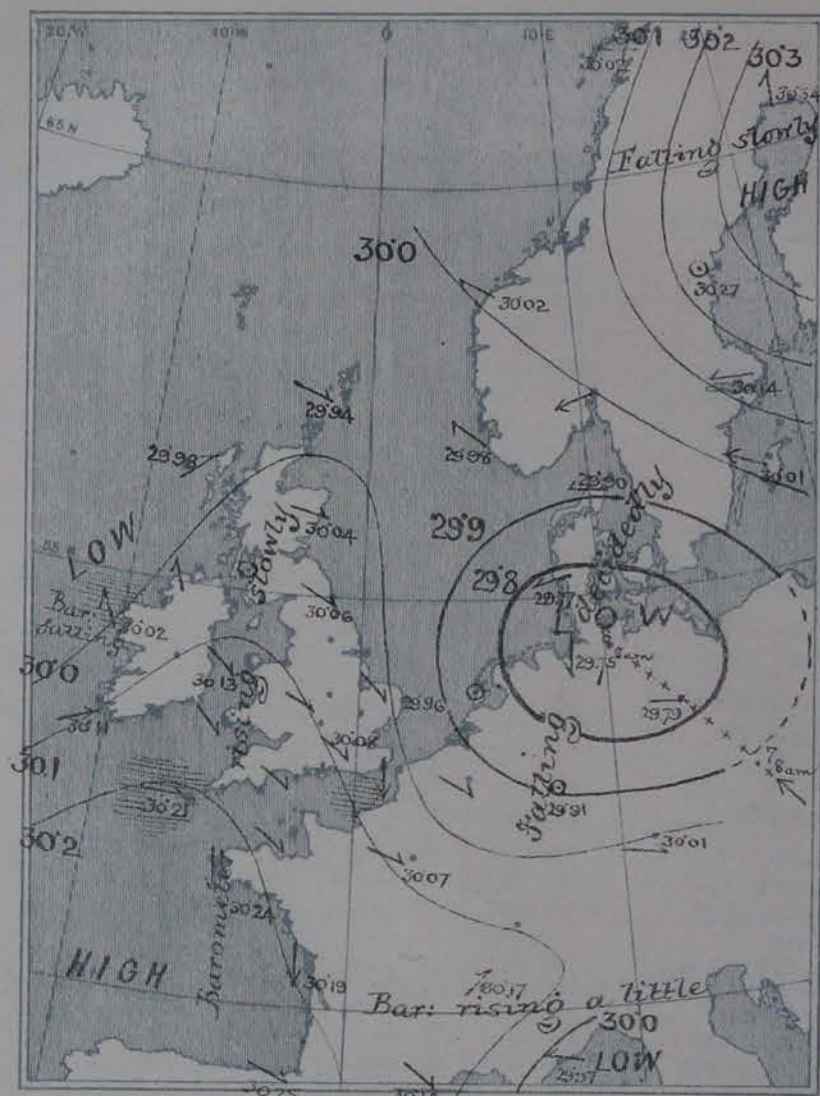
SEA DISTURBANCE—Where considerable, is shown thus:

⊞ = Rough. ⊞ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871—1890.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.707 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.983 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-------------------|------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 62.1 | 52.7 | 56.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.78 |
| Ardrossan | 59.0 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.0 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.2 | 3.04 |
| Holyhead | 60.7 | 52.6 | 53.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 54.7 | 58.4 | 56.3 | 3.11 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.03 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.0 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 61.0 | 48.9 | 54.0 | 52.1 | 2.03 |
| Cambridge | 65.6 | 48.1 | 54.0 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and upwards, over the Gulf of Bothnia; 30.2 in. and upwards over the Bay of Biscay and the north of Spain.
 Lowest, 29.8 in. and less, in a depression lying over Holstein and the neighbouring German Provinces; 30.0 in. and less, in two shallow systems lying respectively off our northwest coasts and over the Gulf of Genoa.

Gradients slight. Barometer rising in many parts of Great Britain and France, but falling slightly in Ireland and more decidedly on the eastern shores of the North Sea.

TEMPERATURE

Highest, (1) 65° at Lisbon, 62° at Perpignan, 60° at Brant, and 59° at Nice; (2) 59° at Rode, Stockholm, and Visby, and 58° at Faro.

Lowest, 46° at Shields, 48° at Ulm and Munich, 49° at Tromsø, Leith, and Loughborough, and 50° at Spurn H^{ts}, Ramscote, Hauls P., and Cambridge.

The maxima registered yesterday were below 60° at many of our western and northern stations.

WIND

Light or moderate from the NW^{ly} over Great Britain and France, but SW^{ly} or S^{ly} in Ireland.

E^{ly} in Scandinavia and Denmark, and strong in force at Visby.

Light from the NW^{ly} at Cuxhaven. W^{ly} at the other German stations.

WEATHER

Fine and bright in most parts of Great Britain and France, as well as in Sweden, but dull in the southwest of England.

Rainy in the south of Ireland, and also over Germany, the Netherlands, and the west of Norway; dull in Denmark.

Rain fell yesterday in many parts of the United Kingdom, but the amount, where in most cases slight.

SEA

Moderate to smooth generally, but rather rough at Mullaghmore and Seilly.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression noticed over Germany yesterday is moving out in a northwesterly direction, and will probably occasion showers on our eastern coasts. A shallow disturbance is also lying off the coast of Ireland, but the fall in the barometer at Valencia Island is reported to have been checked, so that the system is probably moving northwards.

FORECASTS

For the 24 hours ending at NOON on 9th September, 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | W ^{ly} to NW ^{ly} winds, light or moderate; fine to changeable and showery. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | Same as N ^o 5. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | NW ^{ly} to W ^{ly} winds, moderate or fresh; fine to changeable and showery. |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|---|
| 6 | SCOTLAND WEST | Light breezes, chiefly W ^{ly} , fine to showery. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | W ^{ly} and NW ^{ly} winds, moderate; cloudy and rainy to fair. |
| 9 | IRELAND NORTH | SW ^{ly} to NW ^{ly} winds, moderate; changeable; some showers. |
| 10 | IRELAND SOUTH | |

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. | | BAR. | | THER. | | WIND. Direc. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|-----------------|----|------|------|--|--------------------|-------|-------|------|-----------------|----|-------|------|
| | | Dry. | Wet. | | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 30.07 | 57.1 | 57.4 | 031E | 7 | om | 5 | | Valencia ... | 30.22 | 57.1 | 57.4 | W | 4 | bcg p | 5 |
| Sumburgh Head ... | 29.79 | 57.2 | 57.1 | 2 | 0 | 0 | 4 | | Scilly ... | 30.16 | 60 | 57.3 | W W W | 5 | C | 4 |
| Stornoway ... | 29.82 | 57.5 | 57.5 | W | 4 | C | 4 | | Jersey ... | 30.13 | 61 | 57.6 | W | 4 | ogd | 3 |
| Aberdeen ... | 29.82 | 57.4 | 57.3 | W | 2 | 079 | 1 | | Hurst Castle ... | 30.09 | 57.3 | 57.6 | W | 4 | cd | 1 |
| Shields ... | 29.83 | 57.5 | 57.4 | SW | 1 | C | 2 | | Dungeness ... | 30.07 | 61 | 57.6 | SW | 3 | C | 2 |
| Ardrossan ... | 29.82 | 57.5 | 57.3 | SW | 3 | C | 2 | | North Foreland ... | 30.04 | 60 | 57.4 | SW | 3 | C | 3 |
| Malin Head ... | 29.84 | 57.2 | 49 | W | 5 | C | 4 | | London ... | 30.06 | 57.1 | 57.5 | SW | 1 | 07 | * |
| Mullaghmore ... | 30.02 | 57.6 | 57.1 | W | 6 | 079 | 5 | | Yarmouth ... | 30.03 | 61 | 57.6 | SW | 3 | C | 3 |
| Belmullet ... | 30.07 | 57.6 | 57.0 | W W | 6 | 079 | * | | Rochefort ... | 30.16 | 69 | 61 | W W W | 2 | C | * |
| Holyhead ... | 30.03 | 57.5 | 57.3 | W W W | 4 | W | 3 | | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fine and bright over Finland, Sweden, Denmark, the Baltic, and the greater part of Southern Europe, and fair in the southern parts of the United Kingdom. Cloudy or overcast elsewhere, with rain at several of our more northern stations, as well as over the southern part of Germany. Rain falling later in most parts of our Islands, but amounts mostly small, larger quantities measured at some of the German and Belgian stations.

Temperature highest 76° at Constantinople, 74° at Alexandria, Algiers, and La Calle, 73° at Oran, and 71° at Malta, above 65° at most of the Mediterranean stations and also in the south of Russia. Lowest (1) 44° at Archangel, 46° at Kuopio, and 47° at Haparanda and Hemösand; (2) 40° at Leningrad, 42° at Le Mans, 44° at Munich, and 45° at Paris; (3) 47° at Malin Hd and 48° at Carronstown. Daily maxima below 60° in nearly all the more northern parts of the United Kingdom, and very little above it in the south. Thermometer exceeding 70° in the south of France, and reaching 84° at Lisbon.

Wind moderate from the Wnd in the west of our Islands, but light from the Snd on our northern and eastern coasts, and strong from the same quarter in the south of Norway. Cyclonic circulation of light breezes reported over Germany, NW^{ly} air in Central and northern Russia; variable winds in Italy, Algeria, and the south of France. Light from the End in the southwest of France, and from the NEnd in Spain. Subsequently, veering to the Wnd on many parts of our eastern coasts; no important change occurring elsewhere.

Barometer highest 30.3 ins: and upwards, in an anticyclone lying over Sweden and Finland; 30.2 ins: and less, in two other systems lying respectively over the northern part of France and Spain. Lowest 29.8 ins: and less, in a shallow depression off the northwest of Scotland; 30.0 ins: and less, in another shallow system lying over Bohemia. Depression in north subsequently travelling northeastwards, but secondary disturbances appearing over England and the North Sea. German disturbance advancing slowly in a northwesterly direction.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on FRIDAY, 9th SEPTEMBER. 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|---------------------|-----------------------------|--|-------|---|--------------|---------------------|----------|---|--|--------------|--------------|--------------------------------------|-------|-------|---------------------|------------|------------------|----------------|------|------------------------|--|--|
| | | Barom. | Temp. | Wind. | | Force (0 to 12). | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Force (0 to 12). | Weather. | Sea (0 to 9). | Shade Temp. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | | Dir. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | Dir. | Max. | | | | Min. | | | | |
| Ins. | | ° | | | | | Ins. | | ° | ° | ° | | | | | | | ° | Ins. | | | |
| SCANDINAVIA. | Haparanda ... | 30.21 | 52 | NW | 2 | b | 30.18 | -16 | 52 | 51 | +1 | SW | 2 | 0 | # | b | 59 | 37 | — | | | |
| | Hernösand ... | 30.20 | 52 | 2 | 0 | o | 30.11 | -16 | 53 | 53 | +2 | S | 4 | 0 | # | o | 64 | 48 | — | | | |
| | Stockholm ... | 30.04 | 53 | E | 4 | b | 30.00 | -14 | 53 | 53 | -1 | SE | 4 | 0 | # | b | 64 | 45 | — | | | |
| | Wisby ... | 29.91 | 60 | SE | 6 | b | 29.84 | -13 | 61 | 56 | +2 | SE | 4 | bc | # | b | 66 | 52 | — | | | |
| | Bodö ... | 30.00 | 57 | 2 | 0 | o | 29.84 | -14 | 57 | 55 | -2 | SE | 1 | 0 | 0 | o | 59 | 54 | — | | | |
| | Christiansund... | 29.92 | 54 | N | 1 | c | 29.86 | -16 | 52 | 51 | +1 | 2 | 0 | f | 0 | c | 57 | 50 | 0.04 | | | |
| | Skudesnaes ... | 29.89 | 53 | 2 | 0 | T | 29.83 | -15 | 53 | 53 | +1 | N | 2 | f | 2 | T | 57 | 52 | — | | | |
| | Christiania Fjord (Færd) | 29.89 | 56 | ENE | 5 | o | 29.83 | -17 | 58 | 53 | +2 | ENE | 3 | 0 | 3 | o | 61 | 56 | 0.29 | | | |
| | Skagen (The Scaw) | 29.80 | 59 | E | 3 | o | 29.74 | -12 | 58 | 57 | +1 | E | 2 | T | 1 | o | 61 | 57 | 0.25 | | | |
| | Fanö ... | 29.64 | 56 | 2 | 0 | b | 29.75 | -22 | 56 | 55 | -2 | SE | 4 | 0 | # | b | 63 | 55 | 0.16 | | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.96 | 51 | 2 | 0 | b | 29.80 | -14 | 51 | 49 | 0 | S | 3 | 0 | 3 | b, b | 56 | 42 | — | | | |
| | Stornoway ... | 29.94 | 53 | SW | 5 | o | 29.82 | -16 | 52 | 53 | +5 | SW | 2 | c | 3 | b, o | 58 | 45 | 0.02 | | | |
| | Wick ... | 29.93 | 52 | NW | 2 | b | 29.81 | -18 | 53 | 51 | +5 | SW | 1 | 0 | 1 | b | 59 | 49 | — | | | |
| | Nairn ... | 29.95 | 55 | 2 | 0 | b | 29.82 | -20 | 56 | 53 | +4 | SW | 1 | c | 1 | b | 62 | 48 | — | | | |
| | Aberdeen ... | 30.01 | 51 | SE | 2 | b | 29.87 | -17 | 52 | 48 | 0 | SW | 1 | bm | 1 | b, b | 59 | 37 | — | | | |
| | Leith ... | 29.99 | 55 | N | 1 | o | 29.84 | -18 | 56 | 52 | +7 | N | 3 | cm | # | o | 64 | 47 | — | | | |
| | Shields ... | 30.02 | 52 | E | 1 | bc | 29.95 | -11 | 55 | 47 | +4 | N | 3 | bm | 2 | b, bc | 59 | 42 | — | | | |
| | Spurn Head ... | 30.01 | 53 | NNE | 3 | b | 29.95 | -07 | 52 | 52 | +2 | NW | 2 | bm | 3 | b | 57 | 48 | — | | | |
| | York ... | 30.03 | 59 | N | 1 | b | 29.97 | -09 | 48 | 49 | +1 | NW | 1 | b | # | b | 62 | 48 | — | | | |
| | Loughborough | 30.04 | 57 | NW | 2 | b | 30.00 | -09 | 48 | 47 | -1 | 2 | 0 | flw | # | b | 65 | 39 | — | | | |
| GERMANY & HOLLAND. | Ardrossan ... | 30.02 | 55 | SW | 2 | c | 29.92 | -16 | 56 | 56 | +1 | SW | 2 | d | 2 | b, c | 59 | 51 | 0.03 | | | |
| | Malin Head ... | 29.95 | 58 | S | 3 | o | 29.84 | -11 | 52 | 51 | +3 | NW | 3 | 0 | 2 | c, o, T | 61 | 51 | 0.05 | | | |
| | Mullaghmore ... | 29.99 | 56 | ENE | 1 | Tm | 30.02 | -04 | 55 | 53 | +2 | N | 3 | 0 | 3 | o, m, f | 59 | 53 | 0.06 | | | |
| | Belmullet ... | 30.04 | 58 | NW | 2 | o | 30.03 | +01 | 58 | 55 | +2 | NW | 2 | 0 | # | o, g, m | 59 | 52 | 0.04 | | | |
| | Donaghadee ... | 30.02 | 54 | SW | 3 | c | 29.95 | -11 | 58 | 58 | +7 | N | 3 | m | 1 | c | 57 | 51 | 0.01 | | | |
| | Liverpool (Bldston) | 30.06 | 55 | NW | 1 | b | 29.94 | -14 | 53 | 52 | -1 | SE | 1 | om | 1 | b | 58 | 50 | 0.01 | | | |
| | Holyhead ... | 30.05 | 54 | SW | 2 | bc | 29.97 | -16 | 57 | 57 | +2 | NW | 1 | dm | 2 | b, bc | 60 | 53 | 0.03 | | | |
| | Parsonstown ... | 30.02 | 56 | SW | 1 | T | 30.04 | -05 | 57 | 56 | +7 | 2 | 0 | T | # | T | 58 | 49 | 0.03 | | | |
| | Valencia ... | 30.07 | 59 | NW | 3 | om | 30.14 | +03 | 56 | 55 | -2 | NW | 2 | om | 4 | om, om | 60 | 55 | 0.27 | | | |
| | Roche's Point | 30.04 | 59 | N | 1 | om | 30.09 | -01 | 59 | 56 | +3 | NW | 4 | bc | 3 | om | 60 | 55 | 0.02 | | | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 30.06 | 54 | S | 2 | o | 30.02 | -15 | 57 | 57 | +3 | NW | 2 | f | 3 | o | 58 | 53 | 0.03 | | | |
| | Scilly ... | 30.13 | 59 | NW | 4 | om | 30.05 | -16 | 59 | 59 | +4 | NW | 4 | m | 4 | T, om | 60 | 54 | 0.27 | | | |
| | Prawle Point ... | 30.10 | 55 | NW | 3 | o | 30.05 | -14 | 52 | 53 | +4 | NW | 1 | o | 0 | o, f | 59 | 51 | 0.02 | | | |
| | Jersey (St. Aubin's) | 30.12 | 58 | N | 2 | o, g, f | 30.04 | -14 | 58 | 55 | -1 | S | 2 | c, om | 2 | b, o, g, f | 62 | 55 | 0.01 | | | |
| | Hurst Castle ... | 30.07 | 59 | N | 4 | b | 30.03 | -11 | 53 | 51 | +1 | NW | 1 | b, o | 1 | b, bc | 64 | 46 | — | | | |
| | Dungeness ... | 30.01 | 59 | NW | 3 | b | 29.97 | -05 | 53 | 50 | +2 | N | 2 | m | 1 | b, b, m | 62 | 40 | — | | | |
| | North Foreland | 29.94 | 57 | N | 4 | b | 29.94 | -05 | 56 | 53 | +5 | N | 2 | bm | 2 | c, b | 58 | 45 | — | | | |
| | London ... | 30.03 | 58 | NW | 1 | bc | 30.00 | -08 | 53 | 49 | +2 | N | 2 | c | # | b | 62 | 43 | — | | | |
| | Oxford ... | 30.05 | 49 | 2 | 0 | f | 30.00 | -11 | 48 | 46 | -3 | NW | 1 | o | # | b, f | 62 | 43 | — | | | |
| | Cambridge ... | 30.07 | 50 | N | 1 | b | 29.99 | -06 | 53 | 51 | +3 | NW | 1 | o | # | b | 63 | 41 | — | | | |
| PENINSULA. | Yarmouth ... | 29.99 | 54 | NW | 4 | c | 29.92 | -04 | 52 | 49 | -1 | NW | 3 | bm | 4 | c | 57 | 41 | — | | | |
| | Cuxhaven ... | 29.69 | 54 | N | 3 | T | 29.69 | -06 | 52 | 53 | -3 | S | 3 | 0 | # | T | 61 | 53 | 0.04 | | | |
| | Berlin ... | 29.87 | 54 | 2 | 0 | b | 29.80 | +11 | 50 | 50 | -6 | S | 1 | o | # | b | 61 | 46 | 0.04 | | | |
| | Wiesbaden ... | * | * | * | * | * | 29.89 | -02 | 50 | 48 | -3 | 2 | 0 | 0 | # | # | 52 | 48 | 0.04 | | | |
| | Munich ... | 30.02 | 48 | SW | 5 | o | 29.89 | -04 | 45 | 44 | -3 | SE | 3 | 0 | # | o | 57 | 43 | 0.04 | | | |
| | The Helder ... | 29.92 | 57 | NW | 6 | T | 29.84 | -04 | 55 | 52 | +2 | NW | 6 | 0 | 4 | T | 59 | 52 | 0.32 | | | |
| | Brussels (9 a.m.) | * | * | * | * | * | 29.93 | +05 | 55 | 51 | +4 | NW | 2 | c | # | T | 55 | 49 | 1.18 | | | |
| | Cape Gris Nez | 30.01 | 57 | NW | 5 | c | 29.98 | -04 | 55 | 50 | +5 | NW | 3 | c | # | c | 59 | 50 | — | | | |
| | Paris ... | 30.06 | 57 | NW | 3 | c | 30.02 | -05 | 45 | 45 | -6 | SW | 1 | bc | # | c | 62 | 43 | — | | | |
| | Brest ... | 58 | 58 | SW | 2 | T | ? | ? | 56 | 55 | -4 | N | 3 | f | 3 | T | 61 | 52 | 0.69 | | | |
| FRANCE AND BELGIUM. | Lorient ... | 30.14 | 56 | SW | 3 | T | 30.02 | -22 | 54 | 54 | -1 | NE | 1 | f | 3 | T | 63 | 54 | 0.12 | | | |
| | Rocheport ... | 30.17 | 60 | NW | 5 | bc | 29.98 | -21 | 56 | 56 | -1 | ENE | 3 | 0 | # | b, bc | 66 | 52 | 0.16 | | | |
| | Belfort ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | |
| | Lyons ... | 30.11 | 53 | NW | 4 | c | 30.04 | -13 | 48 | 46 | -4 | NW | 1 | c | # | c | 60 | 45 | 0.04 | | | |
| | Nice ... | 29.76 | 62 | E | 1 | c | 29.77 | -20 | 52 | 46 | -7 | E | 1 | bc | 2 | c | 72 | 48 | — | | | |
| | Perpignan ... | 30.10 | 64 | NW | 5 | o | 30.03 | -11 | 61 | 57 | -1 | NW | 2 | b | # | o | 73 | 51 | — | | | |
| | Biarritz ... | 30.26 | 64 | N | 4 | c | 30.07 | -18 | 62 | 58 | +2 | NW | 5 | o | 3 | c | 66 | 55 | 0.35 | | | |
| | Corunna ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | |
| | Lisbon ... | 30.02 | 75 | NW | 4 | b | 30.03 | 0.0 | 71 | 57 | +6 | NW | 4 | b | * | b | 81 | 65 | — | | | |

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Friday 9th September, 1892.

BAROMETER, WIND AND 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:

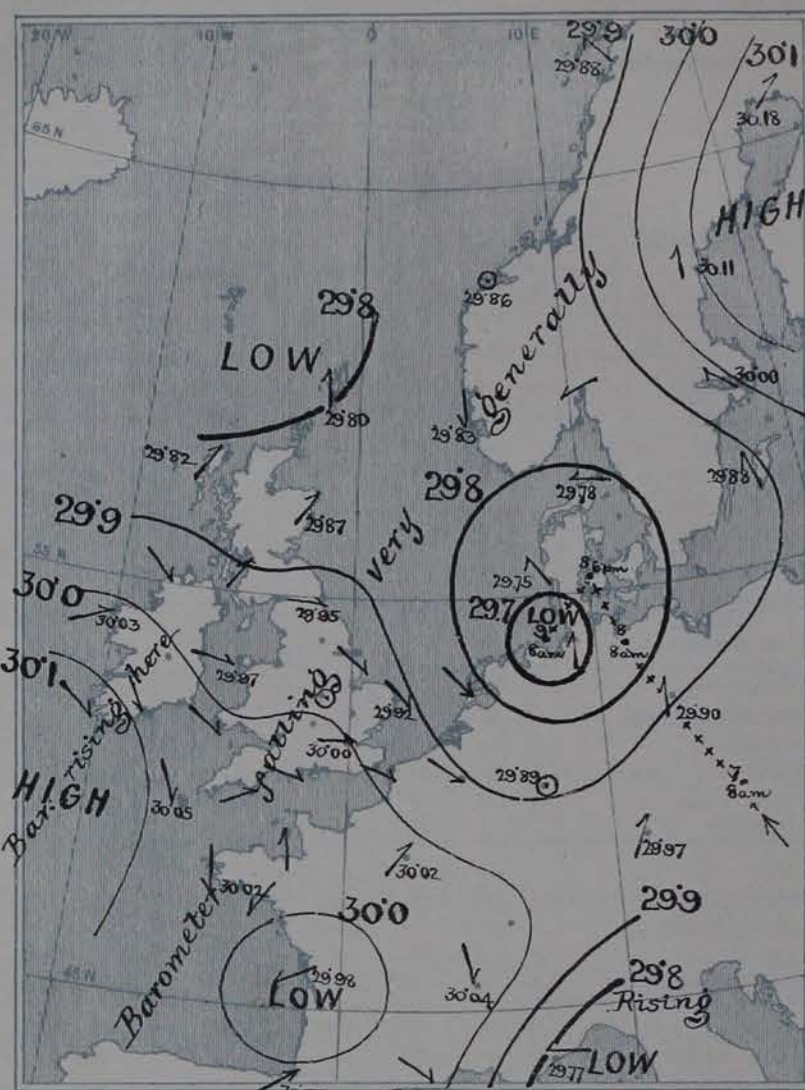
☐ = Rough. ☐ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

| STATIONS. | MEAN READINGS. |
|----------------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.950 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roches's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.918 |



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.

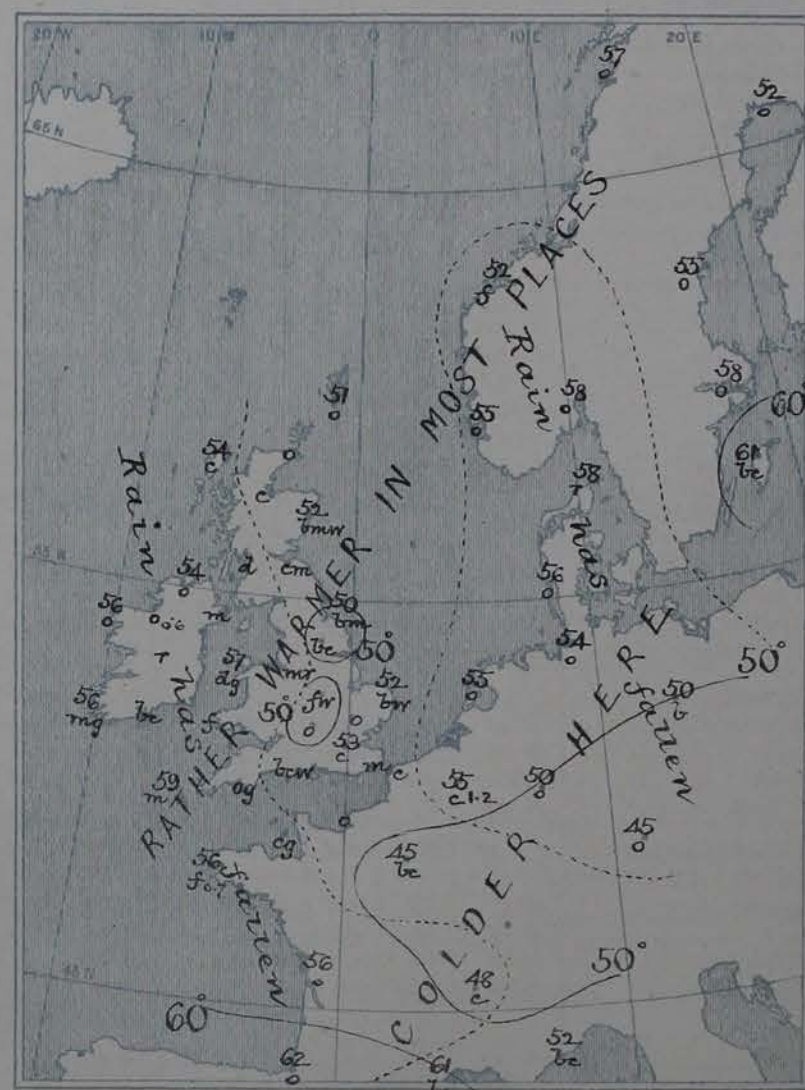
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|----------------------|---------------|---------------|------|------|------------------------|
| | Daily Max. | Daily Min. | Dry | Wet. | |
| Sumburgh Head..... | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.84 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head..... | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee..... | 59.8 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roches's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke..... | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 51.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.48 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.8 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.0 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.0 | 48.1 | 54.0 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.4 | 2.01 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins. and upwards, in an anticyclone spreading over the southwest of Ireland from the Atlantic, and also in another system lying over the Gulf of Bothnia.
Lowest, 29.7 ins. and less, in a depression lying over Hanover, 29.8 ins. and less, in two other disturbances lying respectively off the north of Scotland, and over the Gulf of Genoa; 30.0 ins. in a shallow system over the west of France.

Gradients slight and irregular. Barometer rising in the west of our islands, but falling elsewhere.

TEMPERATURE

Highest, (1) 71° at Lisbon, 62° at Biarritz, and 61° at Perpignan (2) 59° at Focher and Lillo (3) 61° at Marseilles, and 58° at Stockholm, Gander, and Skagen.

Lowest, 45° at Paris and Munich, 48° at York, Loughborough, Oxford and Lyons, and 50° at Shields, Berlin, and Wiesbaden.

The maxima registered over our islands yesterday ranged in most cases between 58° and 63°.

WIND

Light to moderate from the Wnd or NWnd over Ireland, England, and the Netherlands, but SWnd in Scotland.

Light from the Snd in Germany, and also in the north of Sweden; SEnd or End in the south of Scandinavia.

A cyclonic circulation of light breezes is reported over the west of France.

WEATHER

Cloudy or overcast in most part of Western Europe, with mist and rain at several of our western stations; rain is also falling at the Sea.

Fine and bright on the east and southeast coasts of Great Britain, as well as in the south of France.

Rain fell yesterday at our western and many of the Continental stations, the largest amounts being 12 ins. at Brussels and 0.7 in. at Thier.

SEA

Light or smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The distribution of pressure is now very irregular, and unsettled weather is probable over a considerable

portion of our area. A shallow depression which is lying over the Irish Sea seems likely to move slowly southwards, so that rain is probable today at many of the English stations.

FORECASTS

For the 24 hours ending at NOON on 10th SEPT: 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | SW nd and W nd winds, light, dull, rain locally. |
| 1 | SCOTLAND EAST | SW nd and W nd winds, light; fair generally. |
| 2 | ENGLAND N.E. | NE nd winds, light; fair generally, but local showers. |
| 3 | ENGLAND EAST | NW nd to N nd winds, light; dull; unsettled, some rain. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | Same as No 1. |
| 7 | ENGLAND N.W. | Variable breezes, finally NW nd ; dull and some rain to fair. |
| 8 | ENGLAND S.W. | NW nd to NE nd winds, light or moderate; cloudy, some showers. |
| 9 | IRELAND NORTH | NW nd winds, light or moderate; dull at first with some rain then fair. |
| 10 | IRELAND SOUTH | |
| | WARNINGS | None issued. |

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|-------|----|------|------|--------------------|-------|-------|------|-------|----|------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudeanaes ... | 29.84 | 52 | 53 | NW | 2 | 7 | 2 | Valencia ... | 30.09 | 59 | 59 | W | 2 | ond | 4 |
| Sumburgh Head ... | 29.87 | 52 | 50 | NW | 1 | be | 3 | Scilly ... | 30.19 | 60 | 60 | WSW | 4 | 7 | 4 |
| Stornoway ... | 29.86 | 52 | 56 | SW | 4 | be | 4 | Jersey ... | 30.16 | 61 | 52 | NW | 3 | be | 3 |
| Aberdeen ... | 30.02 | 56 | 50 | SE | 2 | be | 2 | Hurst Castle ... | 30.09 | 63 | 57 | NW | 2 | be | 1 |
| Shields ... | 30.04 | 57 | 57 | NE | 2 | be | 2 | Dungeness ... | 30.01 | 60 | 53 | NW | 4 | be | 2 |
| Ardrossan ... | 30.04 | 58 | 55 | SW | 1 | be | 0 | North Foreland ... | 29.87 | 58 | 57 | NW | 6 | c | 6 |
| Malin Head ... | 29.88 | 60 | 53 | S | 4 | c | 3 | London ... | 30.04 | 61 | 50 | NW | 3 | be | * |
| Mullaghmore ... | 30.00 | 58 | 55 | NW | 1 | 0 | 4 | Yarmouth ... | 29.86 | 57 | 52 | NW | 4 | c | 4 |
| Belmullet ... | 29.88 | 58 | 57 | SW | 2 | ogm | * | Rochefort ... | 30.20 | 60 | 57 | NW | 5 | be | * |
| Holyhead ... | 30.08 | 59 | 52 | SW | 2 | be | 2 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fine over Great Britain, France, and the greater part of southern and eastern Europe, as well as at most of the Swedish stations. Dull in the more central countries, with rain over the Netherlands and west and south of Germany; rainy also in the south of Ireland and the west of Norway. Rain falling later in all the more western parts of the United Kingdom and France; large quantities reported in Belgium (1.2 in. at Brussels).

Temperature in morning, highest 77° at Palma, 75° at Algiers, 74° at Bordini, and 73° at Oran, La Calle, and Constantinople; above 60° in many parts of southern and eastern Europe, as well as at some of the Baltic stations. Lowest, (1) 38° at Archangel, 44° at Moscow, and 45° at Uleaborg; (2) 46° at Shields, 47° at York, and 48° at Kiel; (3) 48° at Munich. Daily maxima over our Islands ranging in most cases between 58° and 63°; thermometer exceeding 70° in the south of France, and reaching 88° at Lisbon.

Wind light or moderate from the NW^d over Great Britain and France; W^{ly} or SW^{ly} in Germany; E^{ly} over Denmark, the Baltic, the Gulf of Finland, and the southern part of Scandinavia. Light from the SW^d or S^d in Ireland and the west of Scotland. NE^{ly} in most parts of southern and eastern Europe and also in Algeria, but W^{ly} on the east coast of Italy. No important change over Western Europe during day.

Barometer highest 30.4 in. and upwards, in a large anticyclone lying over Northern Russia, 30.2 in. and upwards, in another system lying over the Bay of Biscay and its immediate neighbourhood. Lowest 29.8 in. and less, in a well marked but somewhat shallow depression lying over north Germany and the southern part of Denmark; 30.0 in. and less, in a still shallower disturbance lying off the northwest of our Islands, and also in another system over the Gulf of Genoa. German depression subsequently moving very slowly in a northwesterly direction; local irregularities in pressure appearing over various parts of our western coast.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office

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" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 10th September,

1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|---------------------------|------|------|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dir. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dir. | Force (0 to 12). | | Max. | Min. |
| | | In. | | | | | In. | | | | | | | | | | | In. | | |
| SCANDINAVIA. | Haparanda ... | 30.07 | 52 | WSW | 2 | c | 29.98 | - .20 | 48 | 47 | - .44 | SSW | 4 | 0 | # | c | 53 | 39 | - | |
| | Hernösand ... | 30.02 | 54 | S | 2 | 0 | 29.84 | - .27 | 55 | 54 | 0 | SSE | 4 | 1 | # | 0 | 53 | 48 | - | |
| | Stockholm ... | 29.95 | 54 | E | 2 | b | 29.86 | - .14 | 58 | 56 | 0 | SE | 2 | 0 | # | b | 64 | 50 | - | |
| | Wisby ... | 29.91 | 59 | SE | 4 | 0 | 29.94 | + .06 | 60 | 57 | - .1 | SSW | 6 | 0 | # | 0 | 66 | 55 | - | |
| | Bedö ... | 29.74 | ? | Z | 0 | 0 | 29.54 | - .34 | 57 | 55 | 0 | SE | 2 | 0 | 0 | 0 | 57 | 54 | 0.16 | |
| | Christiansund... | 29.71 | 53 | W | 1 | 7 | 29.58 | - .28 | 50 | 49 | - .2 | SSW | 1 | 1 | 1 | 7 | 54 | 48 | 0.51 | |
| | Skudesnaes ... | 29.81 | 57 | ESE | 2 | 0 | 29.75 | - .06 | 56 | 53 | + .1 | W | 2 | 0 | 2 | 0 | 58 | 52 | - | |
| | Christiania Fjord (Færdø) | 29.84 | 60 | ESE | 2 | 0 | 29.75 | - .12 | 58 | 54 | 0 | SW | 4 | 0 | 2 | 0 | 61 | 57 | 0.08 | |
| | Skagen (The Seaw) | 29.84 | 55 | SW | 2 | bc | 29.81 | + .03 | 55 | 54 | - .3 | WSW | 3 | 0 | 2 | bc | 63 | 54 | 0.24 | |
| | Fanö ... | 29.84 | 55 | SE | 2 | c | 29.86 | + .11 | 57 | 56 | + .1 | SW | 4 | 0 | # | c | 57 | 55 | - | |
| BRITISH ISLANDS. | Sumburgh Head | 29.71 | 53 | SW | 1 | c | 29.66 | - .14 | 51 | 47 | 0 | WSW | 3 | 0 | 4 | c | 54 | 47 | 0.04 | |
| | Stornoway ... | 29.71 | 56 | SW | 5 | 0 | 29.81 | - .01 | 49 | 47 | - .5 | SW | 4 | 0 | 4 | 0 | 58 | 45 | 0.12 | |
| | Wick ... | 29.77 | 55 | SW | 3 | c | 29.79 | - .02 | 51 | 48 | - .2 | W | 3 | 0 | 1 | c | 58 | 44 | - | |
| | Nairn ... | 29.76 | 57 | SW | 2 | c | 29.82 | .00 | 52 | 48 | - .4 | SW | 2 | 0 | 1 | c | 60 | 43 | - | |
| | Aberdeen ... | 29.80 | 55 | W | 2 | bc | 29.87 | .00 | 55 | 49 | + .3 | WSW | 2 | 0 | 1 | om, bc | 60 | 46 | - | |
| | Leith ... | 29.86 | 56 | SW | 2 | 0 | 29.91 | + .03 | 55 | 52 | - .1 | WSW | 3 | 0 | 2 | 0 | 64 | 50 | - | |
| | Shields ... | 29.89 | 58 | SW | 2 | 0 | 29.93 | - .02 | 56 | 54 | + .6 | WNW | 2 | 0 | 2 | 0 | 61 | 47 | - | |
| | Spurn Head ... | 29.91 | 57 | S | 2 | om | 29.94 | - .01 | 55 | 55 | + .3 | SW | 2 | 0 | 2 | om | 61 | 51 | 0.06 | |
| | York ... | 29.92 | 60 | W | 1 | 0 | 29.95 | - .02 | 57 | 56 | + .9 | SW | 1 | 0 | # | 0 | 64 | 48 | 0.01 | |
| | Loughborough | 29.96 | 59 | W | 2 | 0 | 30.01 | + .01 | 57 | 56 | + .9 | WNW | 1 | 0 | # | 0 | 65 | 48 | 0.03 | |
| GERMANY & HOLLAND. | Ardrossan ... | 29.90 | 58 | Z | 0 | 0 | 29.94 | + .02 | 56 | 55 | 0 | W | 1 | 0 | 1 | 0 | 60 | 53 | - | |
| | Malin Head ... | 29.86 | 57 | WSW | 4 | om, ap | 29.95 | + .01 | 52 | 51 | - .2 | WSW | 4 | 0 | 3 | om, ap | 58 | 52 | 0.04 | |
| | Mullaghmore ... | 29.94 | 58 | SW | 4 | 0 | 30.03 | + .01 | 56 | 53 | + .1 | WNW | 4 | 0 | 3 | 0 | 59 | 54 | 0.08 | |
| | Belmullet ... | 29.97 | 57 | WSW | 3 | 0 | 30.05 | + .02 | 55 | 53 | - .1 | WNW | 2 | 0 | # | om | 59 | 53 | 0.60 | |
| | Donaghadee ... | 29.95 | 59 | SW | 2 | m | 30.00 | + .05 | 56 | 54 | - .2 | WNW | 3 | 0 | 1 | m | 62 | 55 | - | |
| | Liverpool (Bidston) | 29.98 | 56 | WNW | 2 | 0 | 30.02 | + .04 | 56 | 55 | + .3 | W | 3 | 0 | 3 | 0 | 58 | 53 | 0.15 | |
| | Holyhead ... | 29.99 | 57 | WSW | 1 | c | 30.02 | + .05 | 58 | 58 | + .1 | WSW | 2 | 0 | 2 | og, c | 61 | 55 | 0.07 | |
| | Parsonstown ... | 30.00 | 60 | SW | 1 | 0 | 30.06 | + .02 | 55 | 54 | - .2 | SW | 1 | 0 | # | 0 | 63 | 54 | 0.05 | |
| | Valencia ... | 30.10 | 58 | SW | 3 | f, d | 30.14 | .00 | 59 | 58 | + .3 | W | 1 | 0 | 2 | f, d | 60 | 56 | 0.02 | |
| | Roche's Point | 30.04 | 63 | WNW | 2 | bc | 30.10 | + .01 | 58 | 56 | - .1 | WNW | 1 | 0 | 1 | b | 65 | 55 | - | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 30.03 | 59 | WSW | 1 | c | 30.07 | + .05 | 58 | 58 | + .1 | WNW | 3 | 0 | 4 | c | 62 | 57 | 0.02 | |
| | Scilly ... | 30.12 | 60 | WNW | 3 | bc | 30.11 | + .06 | 59 | 59 | 0 | WNW | 4 | 0 | 5 | opm, bc | 61 | 57 | 0.01 | |
| | Prawle Point ... | 30.13 | 61 | WNW | 1 | c | 30.18 | + .13 | 58 | 57 | + .4 | WNW | 1 | 0 | 0 | c | 62 | 52 | - | |
| | Jersey (St. Aubin's) | 30.05 | 60 | W | 4 | ogv | 30.13 | + .09 | 60 | 58 | + .2 | W | 3 | 0 | 3 | c, ogv | 64 | 56 | - | |
| | Hurst Castle ... | 30.02 | 60 | W | 2 | om, ap | 30.06 | + .03 | 59 | 58 | + .6 | W | 1 | 0 | 0 | c, am p | 63 | 52 | 0.02 | |
| | Dungeness ... | 29.95 | 60 | W | 3 | c | 30.03 | + .06 | 62 | 61 | + .9 | SW | 3 | 0 | 2 | bc, c | 66 | 52 | - | |
| | North Foreland | 29.94 | 59 | WSW | 1 | c | 30.01 | + .07 | 62 | 59 | + .6 | W | 1 | 0 | 2 | bc, cm | 62 | 56 | - | |
| | London ... | 29.98 | 60 | W | 1 | 0 | 30.04 | + .04 | 59 | 57 | + .6 | W | 1 | 0 | # | 0 | 62 | 52 | - | |
| | Oxford ... | 30.00 | 59 | W | 1 | 0 | 30.03 | + .03 | 57 | 56 | + .9 | W | 1 | 0 | 0 | og | 62 | 47 | 0.02 | |
| | Cambridge ... | 29.95 | 60 | SW | 1 | 0 | 30.01 | + .02 | 61 | 57 | + .8 | SW | 1 | 0 | # | 0 | 67 | 51 | - | |
| PENINSULA. | Yarmouth ... | 29.93 | 58 | W | 2 | bc | 29.99 | + .07 | 58 | 56 | + .6 | WSW | 2 | 0 | 2 | b, bc | 61 | 50 | - | |
| | Cuxhaven ... | 29.82 | 53 | S | 2 | 0 | 29.91 | + .22 | 51 | 47 | - .3 | S | 2 | 0 | # | 0 | 61 | 50 | - | |
| | Berlin ... | 29.97 | 56 | SE | 2 | b | 30.04 | + .14 | 55 | 52 | + .5 | Z | 0 | 0 | # | b | 63 | 48 | - | |
| | Wiesbaden ... | ? | ? | ? | ? | ? | 30.10 | + .21 | 48 | ? | - .2 | SW | 1 | 0 | # | # | 52 | 41 | 0.08 | |
| | Munich ... | 29.99 | 44 | Z | 0 | ? | 30.09 | + .12 | 46 | 46 | + .1 | W | 4 | 0 | # | ? | 50 | 44 | 0.16 | |
| | The Helder ... | 29.93 | 57 | WNW | 4 | 0 | 30.00 | + .16 | 57 | 55 | + .2 | WSW | 1 | 0 | 1 | 0 | 57 | 54 | - | |
| | Brussels (a.m.) | ? | ? | ? | ? | ? | 30.08 | + .15 | 55 | 53 | 0 | SW | 2 | 0 | # | 0 | 61 | 49 | - | |
| | Cape Gris Nez | 29.97 | 58 | W | 4 | bc | 30.03 | + .05 | 57 | 56 | + .2 | SSW | 3 | 0 | 3 | bc | 61 | 55 | - | |
| | Paris ... | 30.02 | 57 | WNW | 2 | bc | 30.13 | + .11 | 47 | 46 | + .2 | S | 1 | 0 | # | bc | 64 | 43 | - | |
| | Brest ... | ? | 59 | WNW | 3 | m | ? | ? | 59 | 58 | + .3 | WNW | 2 | 0 | 2 | m | 63 | 52 | - | |
| FRANCE AND BELGIUM. | Lorient ... | 30.06 | 62 | WNW | 3 | 0 | 30.15 | + .13 | 57 | 55 | + .3 | WNW | 3 | 0 | 3 | 0 | 64 | 54 | - | |
| | Rochefort ... | 30.02 | 62 | WNW | 4 | b | 30.12 | + .14 | 60 | 59 | + .4 | WSW | 3 | 0 | # | bc, b | 70 | 54 | - | |
| | Belfort ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | - | |
| | Lyons ... | 30.01 | 51 | W | 1 | bc | 30.12 | + .08 | 47 | 43 | - .1 | WSW | 2 | 0 | # | bc | 57 | 43 | - | |
| | Nice ... | 29.72 | 59 | E | 1 | c | 29.83 | + .06 | 57 | 49 | + .5 | E | 1 | 0 | 2 | c | 63 | 52 | - | |
| | Perpignan ... | 29.92 | 62 | WNW | 2 | 0 | 30.08 | + .05 | 59 | 51 | - .2 | WSW | 4 | 0 | # | 0 | 71 | 55 | 0.12 | |
| | Biarritz ... | 30.04 | 66 | W | 5 | 0 | 30.17 | + .10 | 60 | 58 | - .2 | ESE | 2 | 0 | 3 | 0 | 66 | 55 | 0.16 | |
| | Corunna ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | - | |
| | Lisbon ... | 29.95 | 70 | WNW | 5 | b | 30.02 | - .01 | 72 | 59 | + .1 | WNW | 4 | 0 | # | b | 82 | 70 | - | |

For Explanation of Columns, see bottom of last page.

† Excluded too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Saturday, 10th Sept. 1892.

BAROMETER, WIND AND 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.

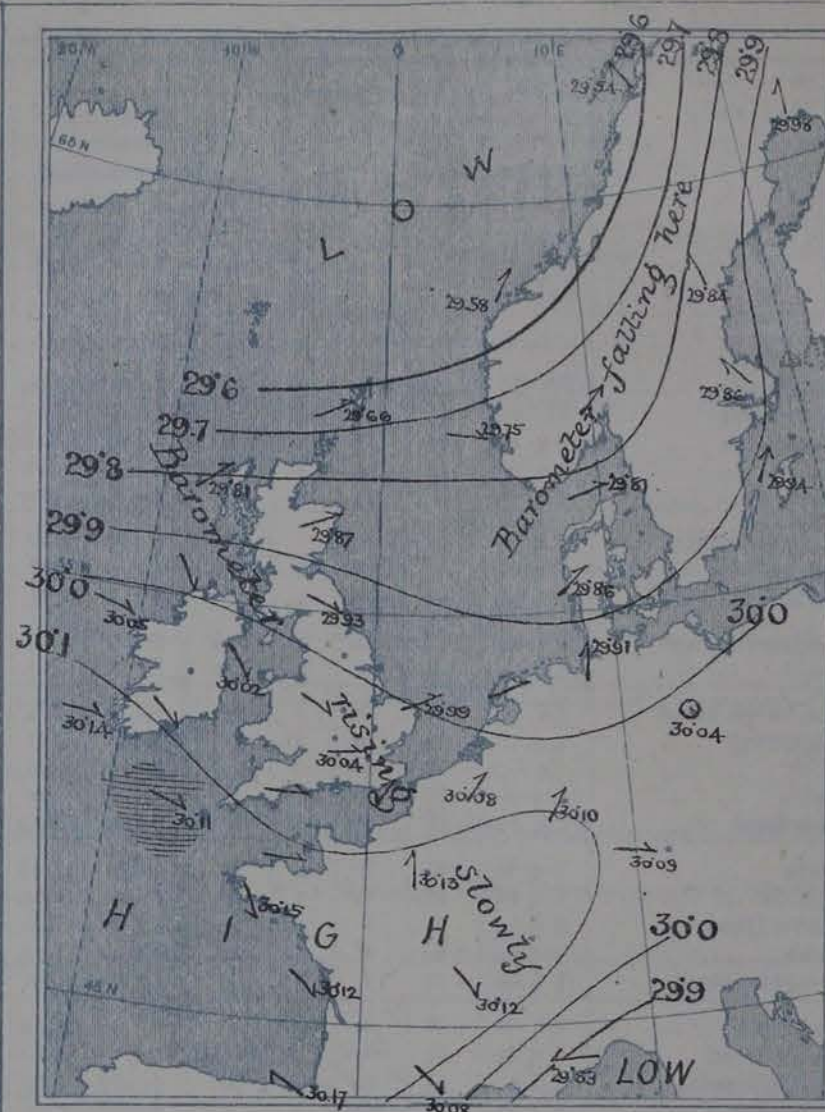
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.966 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-------------------|------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 8.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.19 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.1 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 1.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.28 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 52.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.3 | 53.4 | 1.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 51.7 | 58.1 | 56.3 | 3.11 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.40 |
| Jersey | 65.1 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.0 | 57.7 | 55.2 | 2.04 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 51.6 | 53.0 | 2.20 |
| Yarmouth | 62.3 | 51.4 | 56.3 | 51.4 | 2.01 |

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1865-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins. and upwards, in an anticyclone lying over the Bay of Biscay, France, the north of Spain, and the extreme southwest of our Islands.
 Lowest, 29.6 ins. and less, in a large depression lying off the west of Norway; 29.9 ins. and less, in another system lying over the Gulf of Genoa.
 Gradient slight. Barometer rising at all but the Scandinavian stations.

TEMPERATURE

Highest, 72° at Lisbon, 62° at Dunkirk and the North Foreland, 61° at Cambridge, and 60° at Jersey and Brest.
 Lowest, 46° at Munich, 47° at Paris and Lyons, and 45° at Wiesbaden; (2) 48° at Haparanda, (3) 49° at Stomoway.
 The maxima registered over our Islands yesterday varied in most cases between 60° and 65°; at Cambridge the thermometer reached 67°.

WIND

Light to moderate from the Wnd or SWnd over our Islands and the North Sea; Sth or SEth in Sweden and the north of Norway.
 Light from the NWnd in the west and south of France; moderate from NNE. at Lisbon.

WEATHER

Cloudy or overcast in most parts of Western Europe, with rain at one or two of the English stations as well as at Munich.
 Fine and bright over the eastern and southern parts of Scotland and also at several of the western and southern French stations.
 A little rain fell yesterday in some parts of England and Ireland and also in the extreme north of Scotland.

SEA

Moderate to smooth generally, but rather rough at Bally.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no signs of any very decided change in the weather. Small and exceedingly shallow depressions are apparently passing across various parts of the United Kingdom, so that slight rain is probable in a few places.

FORECASTS

For the 24 hours ending at NOON on 11th Sept: 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | SW th winds, moderate; cloudy, rain locally |
| 1 | SCOTLAND EAST | SW th and W th winds, light; fair generally. |
| 2 | ENGLAND N.E. | Same as No. 5. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | SW th and W th winds, light, fair generally but slight rain locally. |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | W th winds, light; fair generally, but perhaps local showers. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | W th and NW th winds, light or moderate; dull at first with local showers then fair. |
| 9 | IRELAND NORTH | |
| 10 | IRELAND SOUTH | |

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | P. | WEA. | SEA. | | BAR. | THER. | | WIND. | P. | WEA. | SEA. |
|-------------------|-------|-------|-----|-------|----|------|------|--------------------|-------|-------|-----|-------|----|------|------|
| | | Dry | Wet | Dir. | | | | | | Dry | Wet | Dir. | | | |
| Skudeanaes ... | 29.84 | 58 | 56 | NW | 1 | 0 | 2 | Valencia ... | 30.12 | 60 | 60 | SW | 2 | f | 2 |
| Sumburgh Head ... | 29.74 | 52 | 51 | Z | 0 | 0 | 3 | Scilly ... | 30.08 | 60 | 60 | NNW | 4 | opm | 4 |
| Stornoway ... | 29.78 | 57 | 56 | SW | 2 | 0 | 3 | Jersey ... | 30.05 | 64 | 58 | WNW | 3 | c | 3 |
| Aberdeen ... | 29.82 | 57 | 52 | S | 1 | om | 1 | Hurst Castle ... | 30.00 | 61 | 58 | W | 2 | c | 1 |
| Shields ... | 29.89 | 60 | 57 | WNW | 2 | 0 | 2 | Dungeness ... | 29.95 | 65 | 58 | W | 3 | bc | 2 |
| Ardrossan ... | 29.91 | 54 | 51 | W | 2 | 0 | 2 | North Foreland ... | 29.92 | 62 | 56 | NW | 2 | bc | 3 |
| Malin Head ... | 29.91 | 57 | 55 | WSW | 3 | 0 | 2 | London ... | 29.96 | 64 | 56 | NNW | 2 | c | 4 |
| Mullaghmore ... | 29.97 | 58 | 57 | SW | 4 | or | 3 | Yarmouth ... | 29.92 | 61 | 56 | NNW | 3 | b | 4 |
| Belmullet ... | 29.98 | 59 | 58 | WST | 3 | om | 4 | Rochefort ... | 30.02 | 64 | 60 | N | 3 | bc | 4 |
| Holyhead ... | 29.99 | 59 | 58 | NW | 2 | og | 2 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather cloudy or overcast in most parts of western and central Europe, as well as over Northern Italy, mist and rain reported at several of our own western stations, rain falling also at Rogen and Lina. Fine and bright on the east and southeast coast of Great Britain and also in Prussia and the southern parts of France, Spain, and Italy. A little rain falling during day in several parts of Ireland and England, as well as in the north of Scotland, larger amounts reported at some of the Scandinavian, German, and French stations.

Temperatures in morning ^{highest} 75° at Malta and Constantinople, 74° at Alexandria, 72° at Oran and 71° at Lisbon, above 65° at many of the Mediterranean and Adriatic stations, but below 55° in the Riviera and as low as 45° at Lorient. Lowest (1) 35° at Archangel, 42° at Moscow, and 47° at St. Petersburg; (2) 38° at Le Mans, and 45° at Paris and Munich; (3) 48° at York, Loughborough and Oxford. Rising during day to between 60° and 65° in most parts of the United Kingdom and reaching 67° at Cambridge, exceeding 70° in some parts of the south of France, and rising to 82° at Lisbon.

Wind light to moderate from the Wnd or NWnd over Ireland, England, and the Netherlands, but SWnd in Scotland. Cyclonic circulations of light breezes shown respectively over Denmark and Germany, over Italy and the south of France, and over the west of France. Light from the End in Prussia, and moderate from the SEnd or Snd in Sweden, variable in Austria, NEnd in Spain, Nnd in Algeria. No important change occurring during day.

Barometer highest 30.3 in. and upwards, in a large anticyclone lying over northern Prussia; 30.1 in. and upwards, in another system spreading over the southwest of Ireland from the Atlantic. Lowest 29.7 in. and less, in a depression lying over Hannover, and also in other systems over the Gulf of Genoa and the northern part of ^{the} Adriatic; 29.8 in. and less, in yet another disturbance lying off the north of Scotland; 30.0 in. and less, in a very shallow system over the west of France. German depression subsequently filling up; no other change observed over Western Europe.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 8 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

Weekly " " " £1 10 0

DAILY WEATHER REPORT

for 8 a.m. on Sunday 11th September 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|---------------------|-----------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|------------------------|------|------|---|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dircc. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dircc. | Force (0 to 12). | | Max. | Min. | |
| Ins. | | ° | | | | Ins. | | ° | ° | ° | | | | | ° | ins. | | | | | |
| SCANDINAVIA. | Haparanda ... | 29.78 | 52 | SW | 6 | c | 29.65 | - .33 | 52 | 51 | + | 4 | SW | 4 | c | # | c | 55 | 46 | 0.04 | |
| | Hernösand ... | 29.63 | 55 | S | 4 | c | 29.78 | - .06 | 46 | 46 | - | 9 | SW | 2 | b | # | c | 55 | ? | 0.12 | |
| | Stockholm ... | 29.84 | 57 | L | 0 | c | 29.84 | - .02 | 58 | 54 | - | 0 | SW | 2 | 0 | # | 0 | 64 | 50 | - | |
| | Wisby ... | 29.91 | 58 | SW | 4 | c | 29.93 | - .01 | 57 | 55 | - | 3 | SW | 4 | bc | # | c | 64 | 54 | - | |
| | Bodö ... | 29.57 | 49 | WSW | 6 | 0 | 29.56 | + .02 | 49 | 48 | - | 8 | SW | 2 | 0 | 2 | 0 | ? | 45 | 0.24 | |
| | Christiansund... | 29.67 | 49 | SW | 6 | r | 29.64 | + .06 | 49 | 45 | - | 1 | SW | 3 | c | 3 | r | 54 | 46 | 0.20 | |
| | Skudesnaes ... | 29.88 | 52 | WNW | 2 | bc | 29.82 | + .07 | 51 | 48 | - | 5 | SW | 4 | c | 3 | c, bc | 59 | 46 | 0.16 | |
| | Christiania Fjord (Færd) | 29.76 | 60 | WSW | 3 | b | 29.85 | + .10 | 52 | 47 | - | 6 | W | 3 | b | 2 | b | 61 | 52 | - | |
| | Skagen (The Scaw) | 29.85 | 54 | W | 2 | b | 29.91 | + .10 | 55 | 50 | - | 0 | WNW | 2 | c | 1 | b | 61 | 50 | - | |
| | Fanö ... | 29.95 | 57 | W | 2 | c | 29.95 | + .09 | 54 | 53 | - | 3 | L | 0 | c | # | c | 61 | 54 | - | |
| BRITISH ISLANDS. | Sumburgh Head | 29.79 | 51 | WSW | 5 | c | 29.68 | + .02 | 51 | 49 | - | 0 | WSW | 3 | c | 4 | bc, c | 55 | 46 | 0.13 | |
| | Stornoway ... | 29.84 | 53 | W | 4 | c | 29.72 | - .09 | 52 | 50 | + | 3 | SW | 4 | c | 4 | c | 55 | 46 | 0.08 | |
| | Wick ... | 29.87 | 52 | NW | 2 | c | 29.77 | - .02 | 53 | 50 | + | 2 | SW | 2 | b | 1 | c | 56 | 46 | - | |
| | Nairn ... | 29.88 | 54 | W | 2 | bc | 29.78 | - .04 | 52 | 50 | - | 0 | L | 0 | c | 1 | bc | 59 | 45 | - | |
| | Aberdeen ... | 29.91 | 54 | WNW | 1 | bc | 29.83 | - .04 | 54 | 49 | - | 1 | SW | 3 | bc | 1 | b, bc | 64 | 42 | - | |
| | Leith ... | 29.96 | 57 | WSW | 1 | c | 29.88 | - .03 | 54 | 50 | - | 1 | WSW | 3 | bm | # | c | 65 | 48 | - | |
| | Shields ... | 30.00 | 58 | WSW | 2 | bc | 29.94 | + .01 | 53 | 52 | - | 3 | SSW | 2 | p | 2 | bc | 66 | 50 | 0.02 | |
| | Spurn Head ... | 30.03 | 57 | SE | 2 | c | 29.99 | + .05 | 57 | 57 | + | 2 | SSW | 3 | ow | 2 | c | 62 | 51 | - | |
| | York ... | 30.04 | 60 | W | 2 | b | 29.97 | + .02 | 55 | 54 | - | 2 | SSE | 1 | 0 | # | b | 66 | 48 | 0.03 | |
| | Loughborough | 30.07 | 60 | WNW | 1 | bc | 30.06 | + .05 | 57 | 53 | - | 0 | WSW | 3 | ow | # | bc | 66 | 44 | - | |
| GERMANY & HOLLAND. | Ardrossan ... | 30.00 | 56 | W | 1 | c | 29.86 | - .08 | 54 | 53 | - | 2 | SW | 3 | 0 | 2 | c | 61 | 53 | - | |
| | Malin Head ... | 30.00 | 54 | W | 4 | 0 | 29.83 | - .12 | 54 | 52 | + | 2 | SSW | 4 | 0 | 1 | 0 | 58 | 51 | 0.01 | |
| | Mullaghmore ... | 30.04 | 55 | WSW | 3 | 0 | 29.86 | - .17 | 55 | 53 | - | 1 | SW | 2 | 0 | 3 | 0, p | 58 | 52 | 0.06 | |
| | Belmullet ... | 30.04 | 55 | WSW | 2 | 0 | 29.87 | - .15 | 55 | 55 | - | 0 | WSW | 2 | 0 | # | 0 | 58 | 53 | 0.15 | |
| | Donaghadee ... | 30.04 | 58 | W | 2 | c | 29.90 | - .10 | 52 | 52 | - | 4 | S | 2 | r | 1 | c | 64 | 52 | 0.09 | |
| | Liverpool (Bidston) | 30.08 | 55 | WNW | 1 | bc | 29.99 | - .03 | 57 | 56 | + | 1 | SW | 2 | 0 | 2 | bc | 60 | 53 | 0.07 | |
| | Holyhead ... | 30.08 | 57 | SW | 1 | c | 29.95 | - .07 | 57 | 57 | - | 1 | SW | 4 | rmg | 3 | bc, c | 62 | 52 | 0.15 | |
| | Parsonstown ... | 30.08 | 59 | L | 0 | c | 29.91 | - .15 | 54 | 58 | + | 4 | SW | 1 | r | # | c | 63 | 52 | 0.49 | |
| | Valencia ... | 30.12 | 59 | SW | 1 | 0 | 30.00 | - .14 | 60 | 59 | + | 1 | SW | 5 | og | 5 | bc, 0 | 62 | 55 | 0.11 | |
| | Roche's Point | 30.11 | 60 | SSW | 2 | bc | 30.02 | - .08 | 60 | 58 | + | 2 | SW | 4 | 0 | 4 | bc | 64 | 55 | - | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 30.12 | 59 | WNW | 2 | bc | 30.04 | - .03 | 58 | 58 | + | 0 | WSW | 4 | omg | 4 | bc | 61 | 57 | 0.03 | |
| | Scilly ... | 30.17 | 60 | WSW | 2 | m | 30.15 | + .04 | 60 | 60 | + | 1 | WSW | 3 | 0 | 3 | bc, m | 63 | 57 | 0.02 | |
| | Prawle Point ... | 30.14 | 59 | W | 2 | bc | 30.16 | + .08 | 56 | 56 | - | 2 | WSW | 3 | mr | 2 | bc, f, r. | 63 | 55 | 0.07 | |
| | Jersey (St. Aubin's) | 30.17 | 63 | W | 3 | 0 | 30.22 | + .09 | 61 | 59 | + | 1 | WSW | 4 | odm | 3 | 0 | 64 | 58 | 0.01 | |
| | Hurst Castle ... | 30.09 | 63 | WSW | 3 | c | 30.14 | + .08 | 60 | 59 | + | 1 | WSW | 3 | c | 1 | rc | 66 | 55 | 0.02 | |
| | Dungeness ... | 30.04 | 61 | WSW | 4 | r | 30.09 | + .06 | 57 | 56 | - | 5 | W | 1 | f | 1 | o, r, f | 65 | 55 | 0.01 | |
| | North Foreland | 30.04 | 63 | W | 1 | 0 | 30.09 | + .08 | 60 | 58 | - | 2 | W | 2 | emr | 2 | 0 | 65 | 55 | 0.04 | |
| | London ... | 30.08 | 62 | W | 1 | 0 | 30.12 | + .08 | 58 | 56 | - | 1 | SW | 1 | c | # | og | 64 | 53 | 0.03 | |
| | Oxford ... | 30.09 | 61 | W | 1 | c | 30.10 | + .07 | 55 | 53 | - | 2 | SSW | 2 | og | # | c | 67 | 50 | 0.01 | |
| | Cambridge ... | 30.06 | 61 | SW | 1 | c | 30.08 | + .07 | 59 | 56 | - | 2 | SW | 1 | 0 | # | c | 66 | 52 | - | |
| PENIN- SULA. | Yarmouth ... | 30.02 | 62 | WSW | 1 | c | 30.06 | + .07 | 56 | 55 | - | 2 | W | 2 | bm | 2 | cp | 63 | 50 | 0.05 | |
| | Cuxhaven ... | 29.96 | 56 | WSW | 1 | 0 | 29.99 | + .08 | 57 | 55 | + | 6 | SW | 2 | 0 | # | 0 | 59 | 51 | 0.04 | |
| | Berlin ... | 30.08 | 61 | WNW | 2 | c | 30.12 | + .08 | 56 | 54 | + | 1 | SSW | 2 | 0 | # | c | 68 | 52 | - | |
| | Wiesbaden ... | * | * | * | * | * | 30.20 | + .10 | 54 | 52 | + | 6 | L | 0 | 0 | # | # | 61 | 48 | - | |
| | Munich ... | 30.24 | 48 | SW | 1 | 0 | 30.30 | + .21 | 50 | 49 | + | 4 | SW | 1 | b | # | 0 | 50 | 43 | 0.04 | |
| | The Helder ... | 30.07 | 58 | WSW | 2 | r | 30.08 | + .08 | 57 | 56 | - | 0 | W | 1 | bc | 1 | r | 61 | 54 | 0.04 | |
| | Brussels (9 a.m.) | * | * | * | * | * | 30.13 | + .05 | 59 | ? | + | 4 | WSW | 2 | r | # | r | 65 | 54 | 0.12 | |
| | Cape Gris Nez | 30.08 | 60 | WSW | 4 | r | 30.10 | + .07 | 58 | 58 | + | 1 | W | 3 | b | 3 | r | 63 | 57 | - | |
| | Paris ... | 30.16 | 60 | WSW | 2 | 0 | 30.21 | + .08 | 60 | 58 | + | 13 | WSW | 2 | 0 | # | 0 | 65 | 55 | - | |
| | Brest ... | ? | 60 | SW | 1 | f | ? | ? | 59 | 58 | - | 0 | SW | 3 | f | 3 | f | 68 | 52 | - | |
| PENIN- SULA. | Lorient ... | 30.20 | 63 | W | 3 | bc | 30.23 | + .08 | 60 | 59 | + | 3 | NW | 3 | m | 2 | bc | 66 | 57 | - | |
| | Rochefort ... | 30.19 | 64 | NNW | 4 | b | 30.22 | + .10 | 60 | 59 | - | 0 | ESE | 2 | b | # | b | 73 | 54 | - | |
| | Belfort ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * |
| | Lyons ... | 30.19 | 58 | N | 1 | bc | 30.26 | + .14 | 53 | 49 | + | 6 | N | 1 | 0 | # | bc | 65 | 47 | - | |
| | Nice ... | 29.95 | 62 | W | 1 | b | 30.04 | + .21 | 64 | 53 | + | 7 | E | 1 | b | # | b | 72 | 54 | - | |
| | Perpignan ... | 30.10 | 68 | NW | 4 | b | 30.18 | + .10 | 66 | 59 | + | 7 | NW | 4 | b | # | b | 73 | 59 | - | |
| | Biarritz ... | 30.22 | 67 | NNW | 3 | b | 30.25 | + .08 | 59 | 57 | - | 1 | SE | 2 | c | 2 | b | 68 | 57 | - | |
| | Corunna ... | 30.01 | 80 | N | 4 | b | 30.08 | + .06 | 70 | 58 | - | 2 | NE | 4 | b | # | b | ? | 70 | - | |
| | Lisbon ... | 30.01 | 80 | N | 4 | b | 30.08 | + .06 | 70 | 58 | - | 2 | NE | 4 | b | # | b | ? | 70 | - | |
| | Lisbon ... | 30.01 | 80 | N | 4 | b | 30.08 | + .06 | 70 | 58 | - | 2 | NE | 4 | b | # | b | ? | 70 | - | |

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Sunday, 11th Sept^r 1892.

BAROMETER, WIND AND 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.

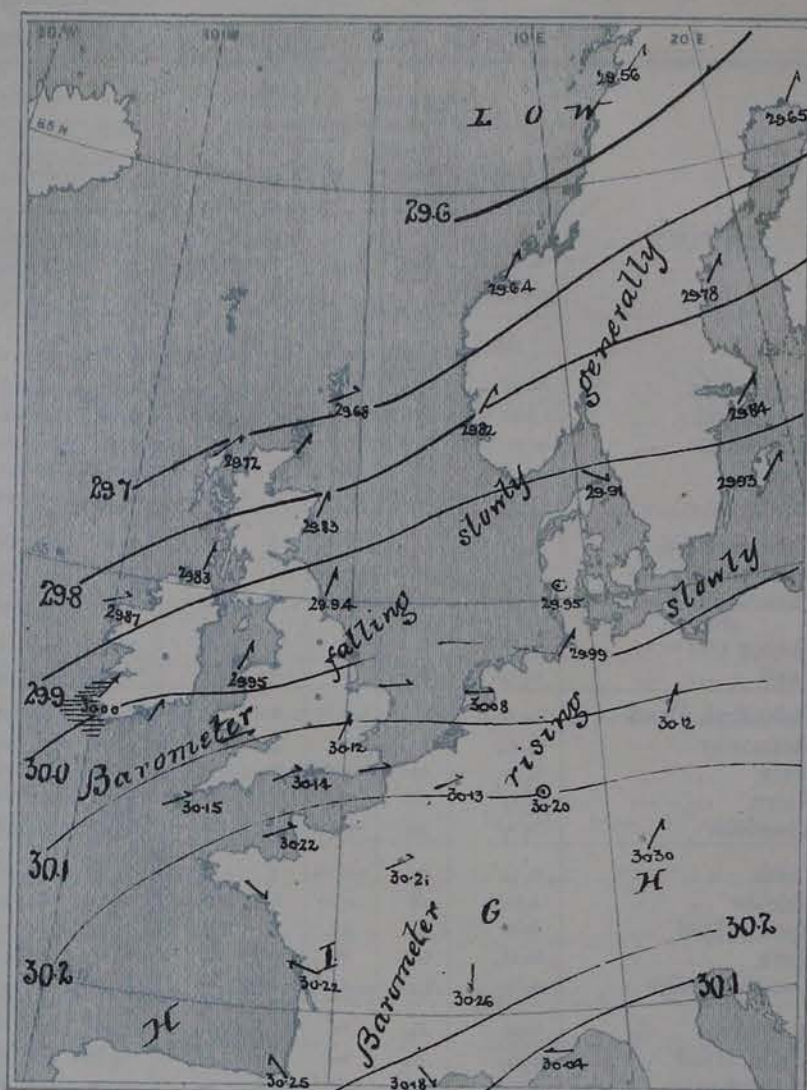
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September.
During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.813 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.901 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullagmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Seilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------|---------------|---------------|------|--------|-----------------------|
| | Daily Max. | Daily Min. | Day. | Night. | |
| Sumburgh Head | 55.0 | 45.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 52.7 | 56.5 | 53.8 | 2.92 |
| York | 62.0 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 69.6 | 49.4 | 63.5 | 51.4 | 3.67 |
| Mullagmore | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 69.6 | 49.2 | 58.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Seilly | 61.8 | 54.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.4 | 54.6 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 61.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.61 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 61.0 | 48.0 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 54.0 | 53.0 | 2.26 |
| Yarmouth | 62.4 | 51.4 | 56.3 | 54.1 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in. to 30.3 in. in an anticyclone lying over the Bay of Biscay, France, and the southern parts of Germany.
Lowest, 29.6 in. and less, in a depression lying off the northwest of Norway.

Gradients slight. Barometer falling in most parts of the United Kingdom, and also in the west of Norway, but rising elsewhere.

TEMPERATURE

Highest, 70° at Lisbon, 66° at Perpignan, 64° at Nice, 61° at Jersey, and 60° at Valencia del, Rochefort, Brest, Lorient, and Paris.

Lowest, (1) 46° at Heriö and, 45° at Rode and Christiansund, and 51° at Skutumpah and Lumburg N^o; (2) 50° at Munich, and 53° at Lyons.

During yesterday the thermometer rose to 65° or a little more in the eastern, central and southern parts of Great Britain.

WIND

Light to moderate from the SW^o over the greater part of Northwestern Europe, but SE^o in the southwest of France and NE^o at Lisbon.

WEATHER

Cloudy, or overcast in most parts of our area with rain at some of our eastern and southwestern stations as well as at Brussels.
Fine and bright in the east of Scotland and also over the southern parts of France.

Rain fell yesterday in Ireland and England, and also in the extreme north of Scotland, but the amounts were in most cases slight.

SEA

Moderate to smooth generally, but rather rough at Valencia Island.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 12th SEPT. 1892.

DISTRICTS.

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

FORECASTS.

None issued

DISTRICTS.

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

FORECASTS.

None issued

WARNINGS

None issued

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|-------|----|------|------|--------------------|-------|-------|------|-------|----|------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudesnaes ... | 29.83 | 59 | 53 | WNW | 4 | c | 2 | Valencia ... | 30.16 | 62 | 58 | W | 2 | bc | 2 |
| Sumburgh Head ... | 29.72 | 53 | 49 | WSW | 4 | bc | 4 | Scilly ... | 30.16 | 63 | 61 | W | 4 | bc | 4 |
| Stornoway ... | 29.84 | 54 | 49 | W | 4 | c | 4 | Jersey ... | 30.17 | 64 | 61 | W | 3 | o | 3 |
| Aberdeen ... | 29.90 | 61 | 51 | WNW | 2 | b | 1 | Hurst Castle ... | 30.06 | 62 | 61 | WSW | 4 | c | 1 |
| Shields ... | 29.98 | 64 | 55 | WSW | 2 | bc | 2 | Dungeness ... | 30.04 | 62 | 60 | WSW | 4 | o | 3 |
| Ardrossan ... | 29.99 | 58 | 51 | W | 1 | b | 1 | North Foreland ... | 30.03 | 65 | 60 | W | 1 | o | 1 |
| Malin Head ... | 30.00 | 57 | 51 | W | 3 | b | 3 | London ... | 30.05 | 64 | 61 | WSW | 1 | o | 2 |
| Mullaghmore ... | 30.06 | 57 | 53 | W | 4 | om | 2 | Yarmouth ... | 30.02 | 62 | 60 | W | 2 | cp | 2 |
| Belmullet ... | 30.08 | 54 | 47 | WSW | 2 | o | 2 | Rochefort ... | 30.17 | 71 | 68 | NW | 3 | u | 2 |
| Holyhead ... | 30.09 | 60 | 56 | WNW | 1 | bc | 2 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather cloudy, or overcast in most parts of Northwestern Europe, with rain at one or two of the English stations. Fine and bright in the south and east of Scotland, as well as in many parts of Central, Southern, and Eastern Europe, but rain falling at some of the Austrian and Bavarian stations, and also at Naples and Malta. A little rain occurring later in most parts of Ireland, England, and Scandinavia, and larger quantities in the south of Italy. Thunderstorms reported at Cape Rio Neg, Boulogne, Kharkov and Tunis.

Temperature highest 76° at Brindisi, 74° at Constantinople, 72° at Corunna, Lisbon, and Malta, and 71° at Orense; above 65° over the central and southern parts of the Mediterranean generally, and above 60° in the southeast of England. Lowest (1) 37° at Archangel, 43° at Uleaborg, St. Petersburg, and Moscow, and 46° at Kuopio; (2) 46° at Munich, and 47° at Paris and Lyons. Raining during day to 65° or a little more over the eastern central, and southern parts of Britain, to 70° or more in the west and south of France and the south of Italy and to 80° or more in Spain and central Algeria. Highest European readings of all 90° at San Fernando and 88° at Lisbon.

Wind light to moderate from the Wnd or SWnd over our Islands, the Netherlands and the North Sea, and from the Snd or SEnd over Finland, Sweden and the north of Norway. Light from NW in the west of France, and from NE in Spain; Variable over Italy, Austria, Algeria and the south of France. Nnd and NWnd breezes setting in later over the central parts of the Mediterranean; no important change occurring elsewhere.

Barometer highest 30.2 ins: and upwards, in a large anticyclone lying over Russia, 30.1 ins: and upwards, in another system lying over the Bay of Biscay, France, the north of Spain and the extreme southwest of our Islands. Lowest, 29.6 ins: and less, in a large shallow depression lying off the west of Norway; 29.8 ins: and less, in a large shallow depression lying off the west of France; 29.8 ins: and less, in another disturbance over Italy and the southern parts of Austria. Former depression subsequently moving northwards, but latter passing southwards. Small shallow disturbance traversing our Islands in an easterly direction.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 1st September, 1892.*

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|---------------------|-------------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|------------------------|------|------|--|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Direc. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Direc. | Force (0 to 12). | | Max. | Min. | |
| Ins. | | ° | | | | Ins. | ° | ° | ° | | | | | | | ° | ins. | | | | |
| SCANDINAVIA. | Haparanda ... | 29.70 | 47 | 2 | 0 | b | 29.71 | +06 | 50 | 49 | -2 | S | 2 | 0 | # | b | 54 | 45 | - | | |
| | Hernösand ... | 29.72 | 50 | 2 | 0 | 0 | 29.73 | -05 | 46 | 45 | 0 | SE | 2 | 0 | # | 0 | 61 | 41 | - | | |
| | Stockholm ... | 29.83 | 52 | 2 | 0 | bc | 29.78 | -06 | 52 | 48 | -6 | WNW | 2 | 0 | # | bc | 66 | 52 | - | | |
| | Wisby ... | 29.88 | 55 | NSW | 4 | c | 29.84 | -09 | 56 | 53 | -1 | NW | 6 | 0 | # | c | 63 | 52 | - | | |
| | Bodö ... | 29.58 | 46 | NSW | 2 | c | 29.61 | +05 | 48 | 47 | -1 | SE | 1 | 0 | 1 | c | 50 | 43 | 0.04 | | |
| | Christiansund... | 29.67 | 48 | SW | 3 | 7 | 29.62 | -02 | 49 | 46 | 0 | SSW | 2 | 0 | 5 | r | 50 | 45 | 0.32 | | |
| | Skudesnaes ... | 29.80 | 54 | SW | 4 | c | 29.83 | +01 | 55 | 52 | +4 | W | 4 | c | 3 | c | 58 | 51 | 0.20 | | |
| | Christiania Fjord (Færder) | 29.78 | 54 | NSW | 3 | b | 29.84 | -01 | 51 | 47 | -1 | WNW | 2 | b | 2 | b | 54 | 50 | - | | |
| | Skagen (The Scaw) | 29.88 | 56 | NSW | 2 | bc | 29.86 | -05 | 54 | 52 | -1 | NW | 1 | b | 0 | bc | 59 | 54 | 0.04 | | |
| | Fanö ... | 29.85 | 56 | NSW | 4 | 7 | 29.93 | -02 | 57 | 55 | +3 | NW | 4 | c | # | 7 | 63 | 54 | 0.39 | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.61 | 52 | S | 1 | c | 29.68 | 00 | 51 | 48 | 0 | SW | 2 | bc | 4 | c | 55 | 47 | 0.36 | | |
| | Stornoway ... | 29.66 | 52 | W | 4 | c | 29.69 | -03 | 52 | 52 | 0 | W | 3 | r | 4 | o.c | 57 | 45 | 0.10 | | |
| | Wick ... | 29.70 | 54 | W | 4 | 0 | 29.75 | -02 | 52 | 50 | -1 | SSW | 3 | c | 1 | 0 | 60 | 43 | 0.02 | | |
| | Nairn ... | 29.72 | 53 | NSW | 2 | c | 29.75 | -03 | 53 | 50 | +1 | SW | 1 | c | 1 | c | 63 | 44 | 0.02 | | |
| | Aberdeen ... | 29.75 | 55 | S | 2 | bc | 29.83 | 00 | 52 | 50 | -2 | SSW | 3 | ogw | 2 | bc | 61 | 43 | - | | |
| | Leith ... | 29.79 | 57 | NSW | 3 | c | 29.87 | -01 | 56 | 51 | +2 | SW | 4 | 0 | # | c | 61 | 51 | 0.01 | | |
| | Shields ... | 29.83 | 59 | SW | 1 | r | 29.94 | 00 | 56 | 53 | +3 | SSW | 3 | c | 2 | r | 59 | 50 | 0.28 | | |
| | Spurn Head ... | 29.88 | 60 | SW | 3 | 0 | 30.03 | +04 | 56 | 55 | -1 | S | 3 | ow | 3 | op | 61 | 53 | 0.01 | | |
| | York ... | 29.88 | 62 | SSW | 3 | 0 | 30.02 | +05 | 54 | 52 | -1 | S | 1 | 0 | # | r.o | 62 | 51 | 0.14 | | |
| | Loughborough | 29.98 | 62 | SW | 4 | 0 | 30.07 | +01 | 60 | 58 | +3 | SW | 3 | c | # | op | 65 | 54 | 0.07 | | |
| GERMANY & HOLLAND. | Ardrossan ... | 29.84 | 55 | SW | 3 | r | 29.88 | +02 | 54 | 53 | 0 | SW | 3 | 0 | 2 | r | 57 | 53 | 0.03 | | |
| | Malin Head ... | 29.81 | 55 | W | 5 | odp | 29.81 | -02 | 52 | 51 | -2 | S | 4 | op | 3 | odp | 58 | 52 | 0.12 | | |
| | Mullaghmore ... | 29.88 | 57 | SW | 5 | og | 29.79 | -07 | 56 | 54 | +1 | SSW | 5 | op | 5 | p.og | 57 | 53 | 0.06 | | |
| | Belmullet ... | 29.89 | 56 | NSW | 4 | 0 | 29.77 | -10 | 59 | 57 | +4 | WNW | 4 | 0 | # | 0 | 59 | 50 | 0.13 | | |
| | Donaghadee ... | 29.88 | 57 | W | 3 | 0 | 29.90 | 00 | 55 | 55 | +3 | SSW | 3 | c | 1 | 0 | 58 | 52 | 0.01 | | |
| | Liverpool (Bidston) | 29.96 | 55 | W | 3 | r | 30.00 | +01 | 59 | 57 | +2 | SE | 1 | 0 | 2 | r | 63 | 52 | 0.27 | | |
| | Holyhead ... | 29.94 | 56 | WNW | 4 | rmg | 29.97 | +02 | 58 | 57 | +1 | SW | 4 | mgd | 3 | mg.r | 59 | 52 | 0.65 | | |
| | Parsonstown ... | 29.98 | 56 | SW | 1 | r | 29.89 | -02 | 58 | 57 | -1 | SW | 1 | 0 | # | r | 61 | 52 | 0.12 | | |
| | Valencia ... | 30.01 | 57 | S | 1 | omg | 29.91 | -04 | 59 | 53 | -1 | S | 3 | 0 | 4 | mg.o | 60 | 54 | 0.16 | | |
| | Roche's Point | 30.02 | 59 | NSW | 4 | rm | 29.98 | -04 | 58 | 57 | -2 | SW | 2 | 0 | 3 | rm | 64 | 56 | 0.02 | | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 30.04 | 60 | NSW | 5 | c | 30.03 | -01 | 58 | 58 | 0 | SSW | 4 | om | 4 | c | 61 | 57 | 0.02 | | |
| | Scilly ... | 30.14 | 60 | NSW | 4 | 0 | 30.05 | -10 | 58 | 58 | -2 | S | 5 | om | 4 | 0 | 65 | 57 | 0.01 | | |
| | Prawle Point ... | 30.14 | 58 | NSW | 4 | c | 30.13 | -03 | 55 | 55 | -1 | ESE | 2 | f | 1 | om.r | 61 | 54 | 0.01 | | |
| | Jersey (St. Aubin's) | 30.21 | 64 | W | 3 | b | 30.15 | -07 | 65 | 62 | +4 | E | 2 | ew | 2 | q.b | 66 | 52 | 0.01 | | |
| | Hurst Castle ... | 30.13 | 61 | W | 5 | bc | 30.16 | +02 | 58 | 57 | -2 | SSW | 2 | 0 | 2 | bc | 63 | 57 | - | | |
| | Dungeness ... | 30.08 | 61 | NSW | 5 | c | 30.15 | +06 | 62 | 61 | +5 | W | 4 | c | 3 | c | 66 | 56 | - | | |
| | North Foreland | 30.05 | 62 | W | 5 | 0 | 30.14 | +05 | 63 | 59 | +3 | W | 2 | c | 2 | bc.og | 66 | 58 | - | | |
| | London ... | 30.06 | 63 | SW | 3 | 0 | 30.14 | +02 | 62 | 59 | +4 | SW | 2 | 0 | # | odp | 65 | 57 | - | | |
| | Oxford ... | 30.08 | 60 | WNW | 3 | c | 30.12 | +02 | 59 | 57 | +4 | SW | 3 | og | # | c | 65 | 55 | - | | |
| | Cambridge ... | 30.06 | 65 | SW | 1 | 0 | 30.11 | +03 | 62 | 59 | +3 | SW | 1 | 0 | # | 0 | 67 | 54 | - | | |
| PENINSULA. | Yarmouth ... | 29.99 | 63 | NSW | 4 | c | 30.10 | +04 | 61 | 59 | +5 | NSW | 2 | bc | 2 | c | 65 | 54 | - | | |
| | Cuxhaven ... | 29.99 | 60 | NSW | 1 | bc | 29.97 | -02 | 60 | 59 | +3 | WNW | 4 | c | # | bc | 61 | 57 | 0.08 | | |
| | Berlin ... | 30.10 | 59 | 2 | 0 | bc | 30.06 | -06 | 62 | 58 | +6 | W | 4 | c | # | bc | 70 | 54 | - | | |
| | Wiesbaden ... | # | # | # | # | # | 30.24 | +04 | 61 | 58 | +7 | SW | 1 | c | # | # | 61 | 54 | - | | |
| | Munich ... | 30.31 | 52 | 2 | 0 | b | 30.36 | +06 | 54 | 51 | +4 | SW | 4 | bc | # | b | 63 | 50 | - | | |
| | The Helder ... | 30.01 | 61 | SW | 7 | f | 30.14 | +06 | 59 | 57 | +2 | W | 4 | c | 3 | f | 63 | 55 | - | | |
| | Brussels (9 a.m.) | # | # | # | # | # | 30.16 | +06 | 60 | 59 | +2 | SW | 3 | c | # | 0 | 63 | 55 | - | | |
| | Cape Gris Nez | 30.11 | 59 | SW | 4 | 0 | 30.26 | +05 | 59 | 58 | -1 | S | 1 | c | # | c | 67 | 55 | - | | |
| | Paris ... | 30.23 | 64 | W | 1 | c | ? | ? | 58 | 57 | -1 | SE | 3 | 0 | 2 | m | 66 | 52 | - | | |
| | Brest ... | ? | 59 | SW | 1 | m | ? | ? | 57 | 57 | -3 | ESE | 2 | m | 2 | b | 66 | 55 | - | | |
| FRANCE AND BELGIUM. | Lorient ... | 30.23 | 66 | W | 2 | b | 30.14 | -09 | 57 | 57 | -3 | ESE | 2 | m | 2 | b | 66 | 55 | - | | |
| | Rochefort ... | 30.20 | 66 | NW | 3 | b | 30.16 | -06 | 59 | 59 | -1 | E | 3 | b | # | b | 77 | 54 | - | | |
| | Belfort ... | # | # | # | # | # | 30.28 | +02 | 59 | 56 | +7 | N | 1 | b | # | b | 70 | 52 | - | | |
| | Lyons ... | 30.25 | 63 | NW | 2 | b | 30.17 | +13 | 67 | 53 | +3 | E | 1 | b | 1 | b | 79 | 61 | - | | |
| | Nice ... | 30.06 | 68 | 2 | 0 | b | 30.17 | +13 | 67 | 53 | +3 | E | 1 | b | 1 | b | 79 | 61 | - | | |
| | Perpignan ... | 30.10 | 73 | NW | 2 | b | 30.22 | +04 | 61 | 58 | -5 | 2 | 0 | b | # | b | 84 | 54 | - | | |
| PENINSULA. | Biarritz ... | 30.16 | 69 | N | 5 | b | 30.09 | -16 | 60 | 58 | +1 | ESE | 2 | b | 2 | b | 77 | 48 | - | | |
| | Corunna ... | # | # | # | # | # | 30.08 | 00 | 69 | 62 | -1 | NNE | 2 | b | # | # | 72 | 66 | - | | |
| PENINSULA. | Lisbon ... | 30.03 | 78 | NW | 4 | b | 30.08 | 00 | 69 | 62 | -1 | NNE | 2 | b | # | # | 72 | 66 | - | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Monday, 12th Sept. 1892.

BAROMETER, WIND AND 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.

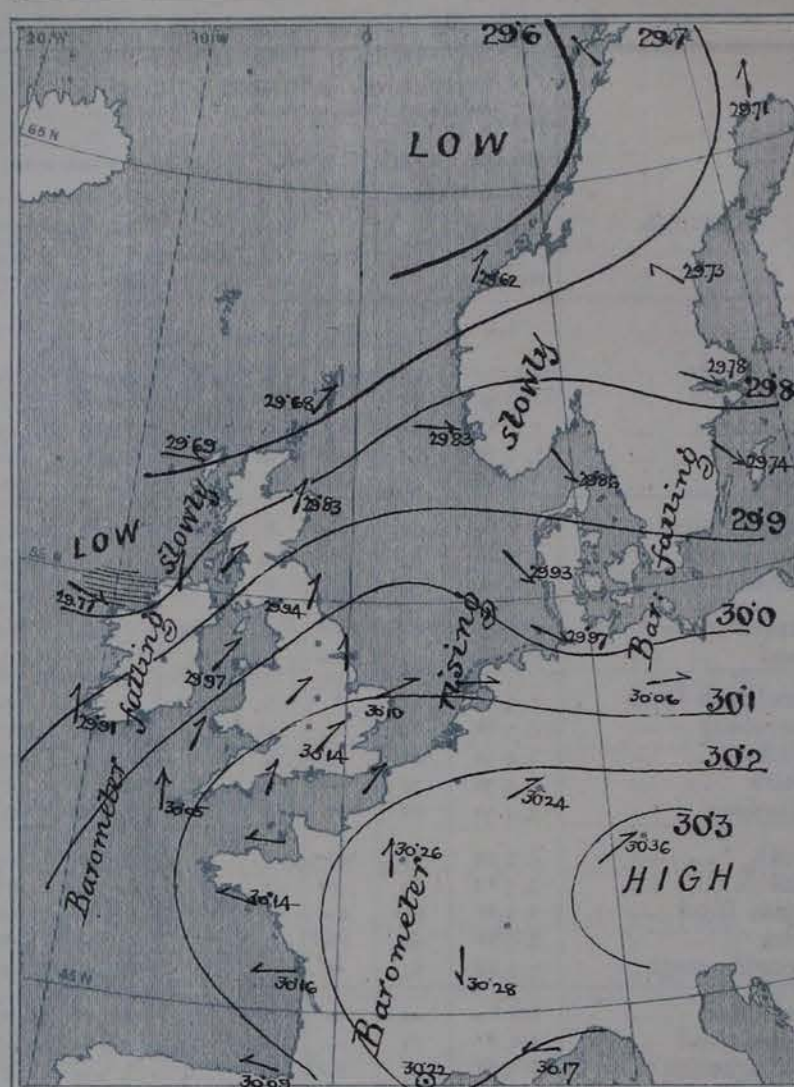
SEA DISTURBANCE—Where considerable, is shown thus:

☼ = Rough, ☼ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years, 1871—1890.

| STATIONS. | MEAN READINGS. |
|---------------------|----------------|
| | ins. |
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.918 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------------|---------------|---------------|-------------------|------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | Wet. | |
| Sumburgh Head..... | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 50.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.3 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 59.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.78 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.2 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 54.7 | 58.4 | 56.3 | 3.11 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.2 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 54.5 | 53.0 | 2.28 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in. to 30.4 in. in an anticyclone lying over France and South Germany.
 Lowest, 29.6 in. and less, in a large shallow depression lying off the west of Norway.
 Gradients slight. Barometer falling in the western parts of our islands and France, but rising in most other localities.

TEMPERATURE

Highest, 63° at Linton, 67° at Nice, 65° at Jersey, 63° at the North Foreland, and 62° in London, and at Dungeness, Cambridge, and Berlin.
 Lowest, 46° at Hovsund, 48° at Rode, 49° at Christiansund, 50° at Kaparanda, and 51° at Lander and Dumburg H.
 During yesterday the thermometer rose to a little above 65° at some of our southern stations, but in the northward and eastern north it did not reach 60°.

WIND

Light to fresh from the Snd or S^Wnd over the greater part of our islands, but Wnd over Denmark, North Germany and the south of Scandinavia.
 Light from the Snd or S^Wnd over the northern parts of Scandinavia; and from the End in the west and south of France.

WEATHER

Bell in most parts of Northwestern Europe, with mist or fog in the southwest of England, with rain at Stornoway, and with passing showers at Mullaghmore.
 Fine and bright over the southern parts of France and Germany.
 Rain fell yesterday at all but our southern stations, the largest amount being 0.7 in. at Holyhead. A Solar halo was seen at Hunt Castle, and a lunar halo and faint Aurora at Aberdeen.

SEA

Moderate to smooth generally, but rather rough at Mullaghmore.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A shallow secondary disturbance which is advancing over the north of Ireland seems likely to occasion rain in many parts of the United Kingdom. Further depressions will probably appear in the west shortly.

FORECASTS

For the 24 hours ending at NOON on 13th September, 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

S^W winds, light or moderate; dull, some rain.
 Same as N° 5.
 S^W winds, freshening; fair to dull and some rain.

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

WARNINGS

Same as N° 0 & 1.
 S^W and S^Wnd winds, freshening; dull, some rain.
 S^W winds, increasing in force; dull, rainy.
 None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (∇), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND | F. | WEA. | SEA. | | BAR. | THER. | | WIND | F. | WEA. | SEA. |
|-----------------|-------|-------|------|------|----|------|------|--------------------|-------|-------|------|------|----|------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudesnaes ... | 29.82 | 58 | 52 | W | 4 | c | 3 | Valencia ... | | | | | | | |
| Sumburgh Head | | | | | | | | Scilly ... | | | | | | | |
| Stornoway ... | 29.66 | 56 | 53 | W | 5 | o | 5 | Jersey ... | 30.23 | 62 | 61 | WSW | 3 | o | 3 |
| Aberdeen ... | | | | | | | | Hurst Castle ... | | | | | | | |
| Shields ... | | | | | | | | Dungeness ... | 30.10 | 63 | 61 | WSW | 5 | c | 4 |
| Ardrossan ... | | | | | | | | North Foreland ... | 30.04 | 66 | 60 | W | 2 | bc | 3 |
| Malin Head ... | 29.82 | 57 | 54 | WSW | 4 | o | 3 | London ... | | | | | | | |
| Mullaghmore ... | | | | | | | | Yarmouth ... | | | | | | | |
| Belmullet ... | 29.89 | 57 | 56 | WSW | 3 | o | * | Rochefort ... | 30.23 | 73 | 71 | WNW | 1 | b | * |
| Holyhead ... | 29.93 | 59 | 58 | SW | 4 | rgm | 3 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather cloudy or overcast in most parts of northwestern, northern and central Europe, with rain at some of our western and southwestern stations, as well as at Brussels, Munster and Naumburg; fog reported at Riga and Memel. Dull and rainy in the south of Italy but fine in most other parts of southern and eastern Europe, as well as over central Russia and the east of Scotland. Rain falling during day in all the more western and northern parts of the United Kingdom, and also on the eastern shores of the North Sea, but amounts mostly slight.

Temperature highest 74° at Barcelona and Constantinople, 73° at San Fernando and La Calle, and 72° at Algiers, above 65° at several of the Mediterranean and Adriatic stations, as well as in the south of Russia, and reaching 60° in the extreme southwest of our Islands. - Lowest (1) 37° at Moscow, 43° at St. Petersburg, and 46° at Hermsdorf, (2) 50° at Munich, and 53° at Lyons. Rising during day to 65° or a little above at most of our own southern stations and to between 70° and 80° in many parts of France; reaching 84° at Perpignan.

Wind light or moderate from the SWnd over our Islands, the North Sea, Scandinavia and Germany, and from the Snd over Finland and central Russia, but Wnd over Denmark and also in Austria. Nnd over the Nth parts of Italy, but Snd in the south of that country, chiefly End in Spain and the southwest of France, SEnd or Snd in Algeria. Subsequently veering to the Wnd in many parts of the United Kingdom, no important change occurring elsewhere.

Barometer highest 30.2 ins. and upwards in an anticyclone lying over the Bay of Biscay, Spain, France and S. Germany, as well as in another system lying over central Russia. Lowest 29.6 ins. and less in a depression lying off the N.W. of Norway, 29.8 ins. and less in another system lying over the S. of Italy; 29.9 ins. and less in a third lying over the Crimea. Shallow disturbances passing Eth across our Islands during day and barometer falling in most parts of W. Europe, anticyclone over France moving eastwards.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 4th TO 10th SEPT. 1892.

The weather of last week was mostly changeable and unsettled, but very little rain fell excepting in Ireland where some rather large amounts were measured.

At the commencement of the period an anticyclone was spreading over our western coasts from the Atlantic, while a large depression was moving across the northern parts of Scandinavia. The winds in our Islands were Nnd or NWnd and temperature low for the time of year but with the exception of a few local showers the weather was mostly fair. On the 5th and 6th the anticyclone moved - first in an Eth direction across England, and finally NEth to Sweden and Finland, while a series of depressions began to approach our northwestern and northern coasts. The wind therefore backed to the SW. and S. and rainy weather set in at many of our western stations.

On the 7th a new anticyclone appeared over our southwest coasts and the Bay of Biscay and for the remainder of the week the distribution of pressure was very complex, well marked depressions being observed both to the N. and E. of our Islands, with shallow secondary disturbances over various parts of the country. The winds were mostly Wnd (SW to NW) and, although a good deal of fair weather prevailed in the eastern parts of the Kingdom, rain fell pretty frequently in the west, the amounts in Ireland being at times somewhat large.

At the close of the week the anticyclone over northern Europe was disappearing from our area, and depressions of considerable size were beginning to advance over Scandinavia from the Wnd. The anticyclone to the southwest of our Islands was in the meantime spreading eastwards over France, and although conditions were still unsettled, the general distribution of pressure was becoming somewhat less complex.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on **TUESDAY, 13th SEPTEMBER, 1892.**

Issued by the Meteorological Office, 63, Victoria Street, London. **R. H. SCOTT, Secretary.**

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|-------------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|---------------------------|-----|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Direc. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Direc. | Force (0 to 12). | | Max | Min. |
| Ins. | | ° | | | | Ins. | ° | ° | ° | | | | | | | ° | Ins. | | | |
| SCANDINAVIA. | Haparanda ... | 25.73 | 39 | 2 | 0 | b | 25.71 | 0.0 | 45 | 4 | -1 | S | 2 | 0 | # | 52 | 37 | — | | |
| | Hernösand ... | 25.76 | 49 | 2 | 0 | bc | 25.72 | -0.1 | 51 | 45 | +5 | NW | 4 | 0 | # | 53 | 41 | — | | |
| | Stockholm ... | 25.73 | 57 | W | 2 | b | 25.71 | +1.3 | 55 | 52 | +3 | SW | 2 | 0 | # | 63 | 48 | — | | |
| | Wisby ... | 26.00 | 56 | SW | 4 | b | 26.02 | +1.8 | 58 | 56 | +2 | SW | 6 | bc | # | 53 | 53 | — | | |
| | Bodö ... | 25.55 | 48 | SW | 2 | 0 | 25.53 | -0.8 | 47 | 45 | -1 | S | 1 | 0 | # | 52 | 43 | 0.01 | | |
| | Christiansund... | 25.61 | 57 | SW | 2 | bc | 25.60 | -0.2 | 48 | 46 | -1 | SE | 2 | 0 | 4 | 53 | 46 | 0.16 | | |
| | Skudesnaes ... | 25.77 | 53 | S | 7 | T | 25.56 | -2.7 | 57 | 57 | +2 | S | 5 | 0 | 4 | 5 | 54 | — | | |
| | Christiania Fjord (Færder) | 25.86 | 57 | SW | 5 | b | 25.70 | -1.4 | 53 | 53 | +1 | SW | 5 | 0 | 4 | 53 | 4 | 0.01 | | |
| | Skagen (The Scaw) | 25.96 | 53 | SW | 3 | bc | 25.78 | -0.8 | 53 | 53 | +5 | SW | 5 | 0 | 3 | 61 | 54 | 0.04 | | |
| | Fanö ... | 26.01 | 60 | NW | 4 | c | 25.81 | -1.2 | 60 | 58 | +3 | S | 6 | 0 | # | 64 | 57 | — | | |
| ISLANDS. | Sumburgh Head | 25.64 | 50 | W | 2 | 0 | 25.53 | -1.8 | 47 | 46 | -4 | N | 2 | 0 | 3 | 52 | 45 | 0.18 | | |
| | Stornoway ... | 25.65 | 52 | 2 | 0 | 0 | 25.56 | -1.3 | 48 | 47 | -4 | W | 2 | bc | 3 | 53 | 45 | 0.01 | | |
| | Wick ... | 25.69 | 52 | 2 | 0 | T | 25.45 | -2.6 | 53 | 53 | -2 | N | 1 | 0 | 0 | 53 | 48 | 0.45 | | |
| | Nairn ... | 25.66 | 52 | 2 | 0 | T | 25.48 | -2.7 | 48 | 45 | -4 | NW | 2 | 0 | 1 | 57 | 47 | 0.60 | | |
| | Aberdeen ... | 25.69 | 52 | S | 1 | ogm | 25.43 | -4.0 | 60 | 58 | +8 | SW | 2 | bc | 3 | 60 | 52 | 0.15 | | |
| | Leith ... | 25.70 | 58 | SW | 2 | 0 | 25.46 | -4.1 | 61 | 57 | +5 | S | 2 | 0 | # | 62 | 52 | 0.01 | | |
| | Shields ... | 25.79 | 62 | S | 1 | 0 | 25.53 | -3.3 | 61 | 57 | +5 | S | 2 | 0 | 2 | 64 | 53 | — | | |
| | Spurn Head ... | 25.88 | 62 | S | 4 | 0 | 25.66 | -3.2 | 61 | 60 | +5 | SW | 4 | 0 | 3 | 65 | 53 | — | | |
| | York ... | 25.84 | 65 | S | 2 | 0 | 25.62 | -4.0 | 61 | 53 | +7 | S | 1 | 0 | # | 66 | 53 | — | | |
| | Loughborough | 25.50 | 63 | S | 1 | c | 25.71 | -3.6 | 62 | 57 | +2 | SW | 2 | cw | # | 71 | 56 | — | | |
| BRITISH. | Ardrossan ... | 25.69 | 57 | SW | 2 | 0 | 25.48 | -3.3 | 56 | 55 | +2 | NW | 2 | 0 | 2 | 58 | 53 | 0.44 | | |
| | Malin Head ... | 25.63 | 57 | SW | 4 | 0 | 25.60 | -2.1 | 51 | 48 | -1 | NW | 5 | bc | 3 | 58 | 53 | 0.12 | | |
| | Mullaghmore ... | 25.65 | 58 | SW | 4 | 0 | 25.72 | -0.7 | 54 | 51 | -2 | NW | 5 | 0 | 4 | 64 | 52 | 0.05 | | |
| | Belmullet ... | 25.64 | 58 | SW | 5 | T | 25.76 | -0.1 | 54 | 51 | -5 | NW | 3 | 0 | # | 53 | 52 | 0.20 | | |
| | Donaghadee ... | 25.71 | 58 | SW | 4 | 0 | 25.53 | -3.3 | 53 | 53 | +4 | W | 2 | 0 | 1 | 62 | 53 | 0.22 | | |
| | Liverpool (Bidston) | 25.82 | 62 | S | 2 | 0 | 25.62 | -3.4 | 53 | 53 | 0 | SW | 2 | 0 | 3 | 66 | 53 | 0.02 | | |
| | Holyhead ... | 25.80 | 58 | SW | 4 | ogm | 25.58 | -3.9 | 53 | 53 | 0 | SW | 4 | cmg | 3 | 60 | 57 | 0.10 | | |
| | Parsonstown ... | 25.69 | 62 | 2 | 0 | 0 | 25.72 | -1.7 | 53 | 51 | -5 | NW | 2 | 0 | # | 63 | 52 | 0.03 | | |
| | Valencia ... | 25.70 | 53 | SE | 4 | om | 25.82 | -0.9 | 55 | 52 | -4 | NW | 5 | 0 | 5 | 61 | 54 | 0.10 | | |
| | Roche's Point | 25.70 | 58 | SW | 3 | f | 25.78 | -2.0 | 56 | 52 | -2 | NW | 5 | 0 | 4 | 62 | 54 | 0.36 | | |
| GERMANY & HOLLAND. | Pembroke (St. Ann's Hd.) | 25.82 | 53 | S | 5 | T | 25.67 | -3.6 | 57 | 57 | -1 | W | 5 | 0 | 5 | 60 | 57 | 0.01 | | |
| | Scilly ... | 25.84 | 61 | S | 3 | m | 25.82 | -2.3 | 58 | 56 | 0 | NW | 5 | 0 | 4 | 62 | 53 | — | | |
| | Prawle Point ... | 25.51 | 58 | W | 2 | b | 25.81 | -3.2 | 58 | 57 | +3 | SW | 5 | og | 4 | 61 | 53 | 0.05 | | |
| | Jersey (St. Aubin's) | 25.96 | 65 | SE | 3 | cr | 25.90 | -2.5 | 63 | 59 | -2 | SW | 4 | ogm | 3 | 72 | 60 | — | | |
| | Hurst Castle ... | 25.95 | 64 | S | 3 | c | 25.83 | -3.3 | 61 | 60 | +3 | SW | 6 | omd | 3 | 65 | 58 | — | | |
| | Dungeness ... | 25.88 | 65 | SW | 2 | c | 25.82 | -3.3 | 62 | 60 | 0 | NW | 5 | 0 | 4 | 67 | 60 | — | | |
| | North Foreland | 25.87 | 62 | S | 2 | c | 25.80 | -3.4 | 62 | 57 | -1 | W | 3 | bc | 3 | 66 | 57 | — | | |
| | London ... | 25.88 | 65 | S | 3 | c | 25.80 | -3.4 | 63 | 53 | +1 | SW | 2 | 0 | # | 65 | 58 | — | | |
| | Oxford ... | 25.81 | 62 | SW | 2 | b | 25.75 | -3.3 | 62 | 53 | +3 | SW | 2 | 0 | # | 67 | 57 | — | | |
| | Cambridge ... | 25.84 | 65 | SW | 1 | b | 25.76 | -3.3 | 62 | 53 | 0 | SW | 2 | 0 | # | 70 | 56 | — | | |
| FRANCE AND BELGIUM. | Yarmouth ... | 25.87 | 63 | S | 4 | c | 25.74 | -3.6 | 62 | 53 | +1 | SW | 3 | 0 | 3 | 67 | 57 | — | | |
| | Cuxhaven ... | 26.05 | 57 | W | 2 | c | 25.82 | -1.0 | 57 | 56 | -3 | S | 2 | 0 | # | 63 | 53 | — | | |
| | Berlin ... | 26.22 | 62 | 2 | 0 | c | 26.11 | +0.5 | 57 | 56 | -5 | SE | 2 | 0 | # | 66 | 54 | — | | |
| | Wiesbaden ... | 26.02 | 56 | SE | 1 | # | 26.09 | -0.5 | 54 | 52 | -7 | 2 | 0 | 0 | # | 68 | 50 | — | | |
| | Munich ... | 26.32 | 56 | SE | 1 | b | 26.18 | -1.8 | 52 | 50 | -2 | SE | 2 | 0 | # | 66 | 48 | — | | |
| | The Helder ... | 26.08 | 58 | SE | 1 | b | 25.82 | -3.2 | 60 | 53 | +1 | SW | 5 | 0 | 3 | 64 | 53 | — | | |
| | Brussels (St. Ann's) | 26.02 | 67 | S | 2 | c | 25.84 | -3.2 | 62 | 60 | +2 | SW | 4 | 0 | 4 | 72 | 61 | — | | |
| | Cape Gris Nez | 26.10 | 70 | SE | 2 | b | 25.87 | -3.3 | 60 | 58 | +1 | SE | 3 | 0 | # | 77 | 53 | — | | |
| | Brest ... | 26.14 | 64 | S | 3 | c | 25.87 | -3.3 | 60 | 53 | +2 | W | 3 | 0 | 4 | 68 | 54 | — | | |
| | Lorient ... | 25.83 | 67 | S | 3 | b | 25.86 | -1.8 | 62 | 60 | +5 | W | 4 | 0 | 2 | 73 | 57 | — | | |
| PENIN- SULA. | Rochefort ... | 26.00 | 77 | SE | 2 | b | 25.83 | -2.3 | 57 | 54 | 0 | SE | 2 | 0 | # | 88 | 54 | — | | |
| | Belfort ... | 26.16 | 67 | SE | 1 | b | 26.11 | -1.7 | 61 | 53 | +2 | SE | 1 | 0 | # | 75 | 53 | — | | |
| | Lyons ... | 26.16 | 68 | SE | 1 | b | 26.15 | -0.2 | 63 | 57 | +1 | 2 | 0 | 0 | # | 75 | 53 | — | | |
| | Nice ... | 26.13 | 65 | NE | 2 | b | 26.10 | -1.2 | 61 | 53 | 0 | W | 1 | 0 | # | 75 | 54 | — | | |
| | Perpignan ... | 26.33 | 82 | SE | 3 | b | 25.85 | -1.4 | 65 | 67 | +5 | SE | 2 | 0 | 2 | 81 | 57 | — | | |
| | Biarritz ... | 26.33 | 82 | SE | 3 | b | 25.85 | -1.4 | 65 | 67 | +5 | SE | 2 | 0 | 2 | 81 | 57 | — | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Chart on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday, 13th Sept. 1892.

BAROMETER, WIND AND 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

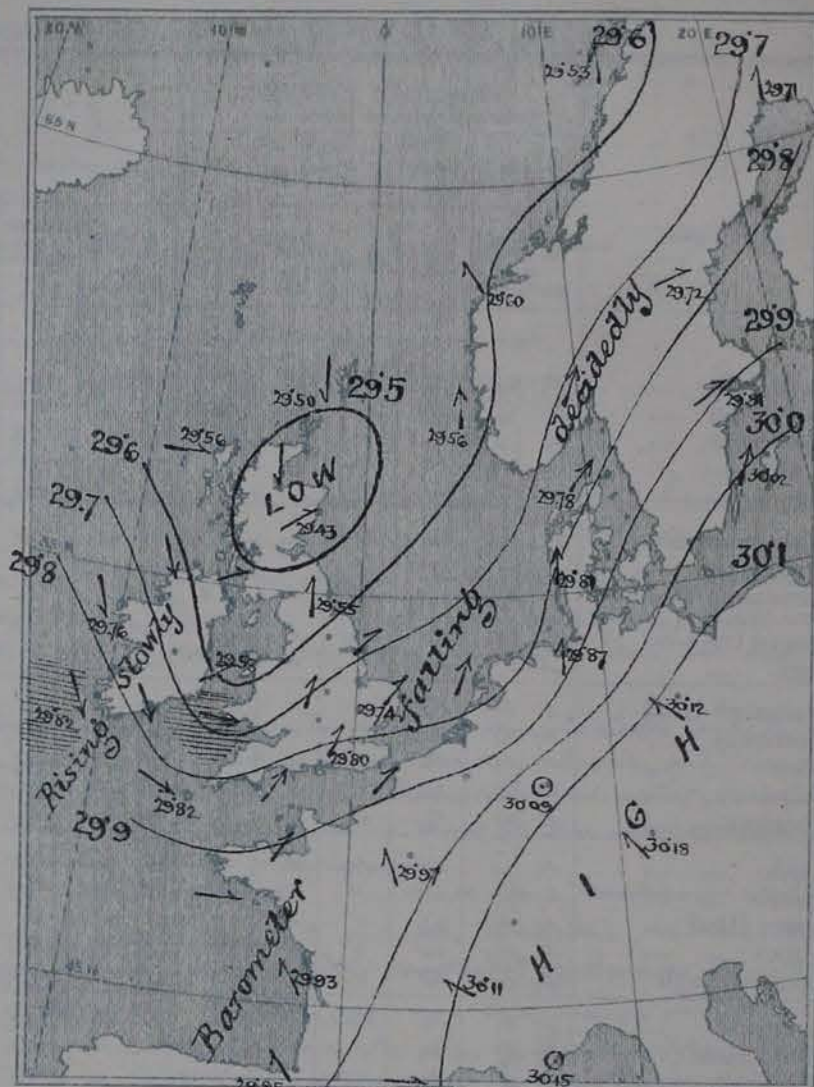
at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.904 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghnore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Sally | 29.971 |
| Praxle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.918 |



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.

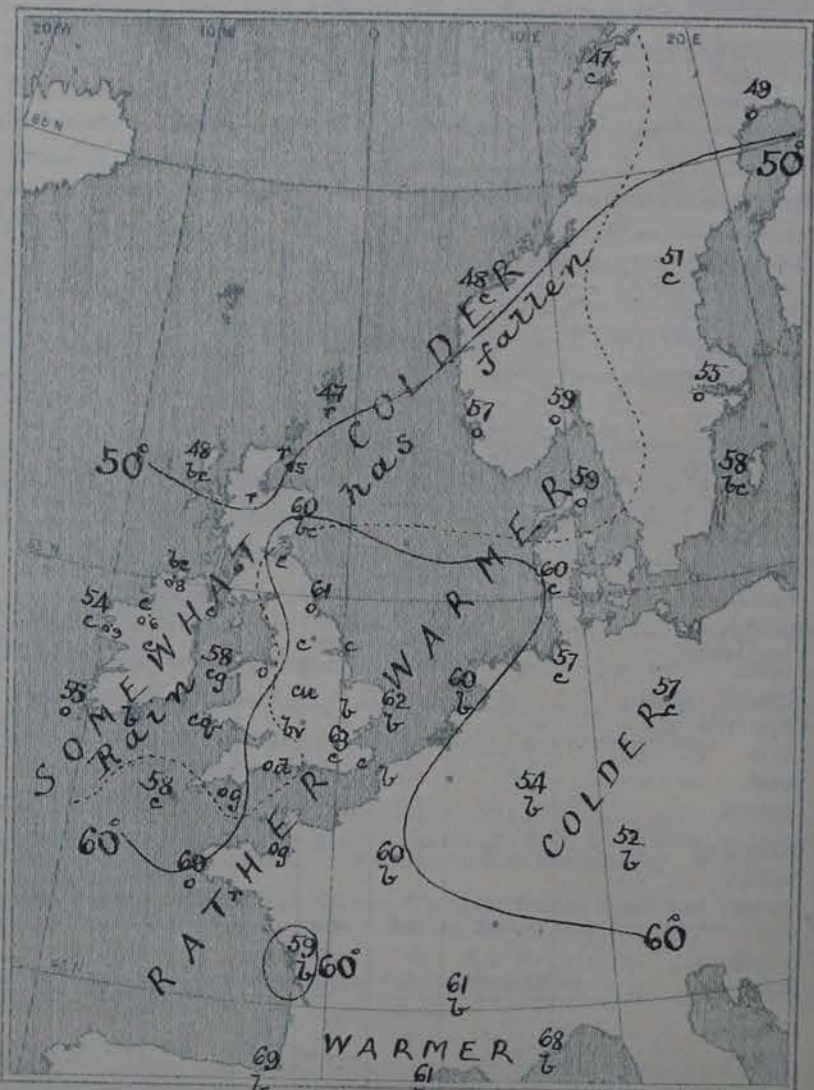
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-----------|-----------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. | at 4 p.m. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.52 |
| Stornoway | 56.3 | 45.8 | 51.1 | 50.1 | 1.70 |
| Wick | 57.7 | 45.0 | 51.0 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.28 |
| Aberdeen | 60.2 | 46.7 | 52.1 | 49.7 | 2.07 |
| Leith | 61.0 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 48.7 | 53.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 63.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.1 | 53.5 | 51.4 | 3.67 |
| Mullaghnore | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.0 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.1 | 53.0 | 51.1 | 3.74 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.9 | 56.1 | 53.9 | 3.58 |
| Sally | 61.6 | 51.7 | 58.1 | 56.0 | 3.11 |
| Praxle Point | 62.1 | 52.2 | 57.0 | 55.2 | 2.40 |
| Jersey | 65.1 | 51.8 | 59.0 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.04 |
| LONDON | 66.1 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 61.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 51.0 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.1 | 2.51 |

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1865-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 ins. and upwards, over Germany, the south of France, and the southern parts of the Spanish Peninsula.
Lowest, 29.5 ins. and less, in a depression lying over Scotland and the adjacent parts of the North Sea.

Gradients moderate.

Barometer rising in the west and southwest of our Islands, but falling elsewhere.

TEMPERATURE

Highest, 69° at Biarritz, 68° at Nice and Lisbon, and 62° over our midland and southeastern counties generally.

Lowest, 47° at Bodo and Lumburg, 48° at Christiansund and Stenoway, and 49° at Hafnarfjörður and Naun.

During yesterday the thermometer rose to 70° at Cambridge, to 71° at Loughborough, and to 72° at Jersey.

WIND

Light from the N^W in the north of Scotland, and fresh from NW in Ireland and the southwest of England.

Moderate to fresh from SW over the remainder of England, and from the S^W over Scandinavia and Denmark.

Light from the SE^W over the greater part of France and Germany.

WEATHER

Cloudy or overcast in most parts of Northern Europe, with rain in the north of Scotland.

Fine and bright in the extreme southeast of England, as well as in France, Germany, and the Netherlands.

Since yesterday morning rain has fallen in the west and north of our Islands generally, the largest amounts being 0.9 inch at Balmulloo, 0.8 inch at Malin Head, and 0.6 inch at Naun.

SEA

Moderate to smooth generally, but rather rough at Valencia Island and Rimbroke.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The depression over Scotland is apparently moving away northwards, but shallow secondary disturbances are advancing over Ireland and England. Unsettled showery weather is therefore probable, with thunder in some places.

FORECASTS

For the 24 hours ending at NOON on 14TH SEPT:

1892.

DISTRICTS.

FORECASTS.

| | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | } W ² to NW ² winds, freshening; squally, showery. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | } Same as No 5 |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | SW ² to W ² winds, freshening, unsettled, some showers, thunder locally. Becoming cooler. |

DISTRICTS.

FORECASTS.

| | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | } Same as No 0 and 1. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | } NW ² winds, fresh or strong; squally, some showers. |
| 9 | IRELAND NORTH | |
| 10 | IRELAND SOUTH | |

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Direc. | P. | WEA. | SEA. | | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|-----------------|----|------|------|--------------------|-------|-------|------|-----------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 29.88 | 52.1 | 52.4 | S | 5 | 0 | 2 | Valencia ... | 29.80 | 61 | 60 | SE | 4 | 0 | 4 |
| Sumburgh Head ... | 29.65 | 52 | 49 | W | 2 | 0 | 4 | Scilly ... | 29.92 | 60 | 60 | S | 4 | m | 4 |
| Stornoway ... | 29.69 | 52.4 | 52 | W | 4 | 0 | 4 | Jersey ... | 29.97 | 71 | 66 | SE | 2 | c | 3 |
| Aberdeen ... | 29.70 | 52.4 | 52 | SEW | 2 | 0.5 | 2 | Hurst Castle ... | 29.06 | 65 | 64 | S | 2 | bc | 2 |
| Shields ... | 29.83 | 62 | 57 | SEW | 2 | 0 | 2 | Dungeness ... | 29.10 | 65 | 62 | SW | 2 | c | 2 |
| Ardrossan ... | 29.71 | 57.1 | 57.1 | SW | 2 | 0.5 | 2 | North Foreland ... | 29.10 | 66 | 61 | S | 2 | c | 2 |
| Malin Head ... | 29.69 | 55 | 55 | SW | 4 | 0.5 | 3 | London ... | 29.06 | 67 | 62 | SE | 2 | c | * |
| Mullaghmore ... | 29.73 | 60 | 57.1 | SEW | 4 | 0.5 | 3 | Yarmouth ... | 29.05 | 66 | 61 | SW | 2 | bc | 3 |
| Belmullet ... | 29.71 | 59 | 57.1 | WSEW | 2 | 0 | * | Rochefort ... | 29.07 | 66 | 75 | E | 2 | b | * |
| Holyhead ... | 29.80 | 57.1 | 57.1 | SEW | 5 | 0.5 | 4 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the Mediterranean and Southern Europe, as well as over the greater part of France, western and southern Germany; cloudy and unsettled over the northwestern and northern countries, with rain over the western and northern parts of the British Islands and at many of the Baltic stations. Heavy rain later in the northwest and north of Ireland, and a considerable quantity in some parts of Scotland; slight rain in the southern half of Ireland, and in Norway, but weather continuing fair in the south and east.

Temperature not changing much. Morning readings ranging between 65° and 75° at the Mediterranean stations, and exceeding 60° in some parts of France, Germany, and the southeast of England; lower elsewhere, but exceeding 50° in all parts of the United Kingdom and over the North Sea and Baltic. Lowest of all 40° at Moscow, 46° at Archangel, and Hennösand, 48° to 50° in the north and northwest of Scandinavia. Rising later to 70° and more at Loughborough, Cambridge, and Jersey, to 77° at Paris, 79° at Wies, 88° at Rochefort, and 91° at Biarritz.

Wind mainly E. to N. over the Mediterranean and Spain, very light and variable over eastern and central Europe, S. and SW. over the British Islands, W. to NW. on the eastern shores of the North Sea, S. over Iceland, SE. over the northern parts of Sweden and Norway. Becoming still more S. over the British Islands later.

Barometer highest 30.3 ins. and more over the western, central, and eastern parts of the Continent. Lowest about 29.6 ins. off the northwest of Norway, and below 29 ins. off the northwest of Ireland; gradients moderate over the United Kingdom and North Sea, slight over the Baltic and Scandinavia. Falling over the United Kingdom later, but not rapidly, rising slightly over Scandinavia.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 14th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|--------------------------------|--|-------|---|--------------|----------|-------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|------------------------|----------|------|------|
| | Barom. | Temp. | Wind. | | Weather. | | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | | |
| | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | | Direc. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Direc. | Force (0 to 12). | | Weather. | Max. | Min. |
| | | | | | | | | | | | | | | | | | | | | | |
| | Inch. | ° | | | | | Inch. | ° | ° | ° | | | | | | ° | Inch. | | | | |
| SCANDINAVIA. | | | | | | | | | | | | | | | | | | | | | |
| Haparanda ... | 29.62 | 49 | Z | 0 | c | 29.22 | - .49 | 52 | 52 | + 3 | SSW | 6 | † | # | c | 52 | 36 | 0.51 | | | |
| Hernösand ... | 29.50 | 55 | SE | 8 | r | 29.39 | - .33 | 50 | 49 | - 1 | W | 6 | bc | # | r | 57 | 41 | 0.28 | | | |
| Stockholm ... | 29.68 | 58 | SW | 4 | b | 29.56 | - .35 | 60 | 57 | + 5 | SW | 2 | o | # | b | 61 | 46 | 0.04 | | | |
| Wisby ... | 29.75 | 61 | SSW | 6 | c | 29.69 | - .33 | 60 | 57 | + 2 | WSW | 6 | bc | # | c | 64 | 50 | - | | | |
| Bodö ... | 29.49 | 44 | Z | 0 | bc | 29.29 | - .24 | 45 | 44 | - 2 | Z | 0 | † | o | bc | 48 | 43 | 0.28 | | | |
| Christiansund... | 29.38 | 48 | NNE | 3 | † | 29.65 | + .05 | 48 | 44 | 0 | WSW | 8 | † | 5 | † | 54 | 45 | 0.43 | | | |
| Skudesnaes ... | 29.52 | 52 | NW | 7 | † | 29.84 | + .28 | 50 | 46 | - 7 | NW | 2 | c | 3 | of, r | 58 | 46 | 0.08 | | | |
| Christiania Fjord (Færdler) | 29.47 | 49 | SSW | 5 | o | 29.68 | - .02 | 54 | 46 | - 5 | NW | 3 | b | 4 | o | 59 | 54 | 0.16 | | | |
| Skagen (The Scaw) | 29.65 | 59 | WSW | 4 | o | 29.71 | - .07 | 56 | 53 | - 3 | NW | 5 | b | 3 | o | 64 | 54 | 0.04 | | | |
| Fanö ... | 29.71 | 61 | WSW | 6 | b | 29.87 | + .06 | 56 | 52 | - 4 | NW | 4 | c | # | b | 68 | 55 | - | | | |
| Sumburgh Head | 29.61 | 47 | NW | 2 | b | 29.72 | + .22 | 50 | 48 | + 3 | W | 4 | o | 4 | b | 51 | 45 | 0.17 | | | |
| Stornoway ... | 29.74 | 53 | W | 3 | b | 29.74 | + .18 | 51 | 50 | + 3 | SW | 4 | o | 4 | bc, b | 55 | 45 | 0.15 | | | |
| Wick ... | 29.72 | 50 | N | 1 | b | 29.79 | + .30 | 51 | 47 | + 1 | SW | 3 | c | 1 | b | 55 | 42 | 0.08 | | | |
| Nairn ... | 29.77 | 51 | Z | 0 | bc | 29.81 | + .33 | 51 | 48 | + 2 | Z | 0 | bc | 1 | bc | 55 | 41 | 0.17 | | | |
| Aberdeen ... | 29.76 | 49 | NW | 2 | b | 29.88 | + .45 | 53 | 48 | - 7 | SSW | 2 | bcw | 1 | cq, b | 61 | 40 | 0.20 | | | |
| Leith ... | 29.78 | 57 | NW | 2 | c | 29.92 | + .46 | 52 | 49 | - 9 | W | 4 | o | # | c | 65 | 46 | - | | | |
| Shields ... | 29.81 | 54 | NW | 3 | o | 30.00 | + .45 | 48 | 46 | - 13 | SW | 2 | c | 2 | c, p | 67 | 42 | - | | | |
| Spurn Head ... | 29.76 | 58 | W | 5 | c | 30.07 | + .41 | 53 | 53 | - 8 | SSW | 3 | c | 2 | c | 67 | 47 | - | | | |
| York ... | 29.78 | 58 | NW | 3 | bc | 30.06 | + .44 | 49 | 47 | - 12 | SW | 1 | b | # | bc | 67 | 42 | - | | | |
| Loughborough | 29.87 | 55 | NW | 4 | c | 30.12 | + .44 | 47 | 46 | - 15 | SE | 1 | bmw | # | c | 68 | 42 | 0.01 | | | |
| Ardrossan ... | 29.83 | 55 | W | 2 | b | 30.00 | + .51 | 53 | 52 | - 3 | WSW | 3 | c | 2 | bc, b | 58 | 52 | - | | | |
| Malin Head ... | 29.84 | 54 | NW | 4 | cp | 29.90 | + .30 | 52 | 49 | + 1 | SSW | 5 | o | 3 | bc, cp | 56 | 50 | 0.04 | | | |
| Mullaghmore ... | 29.91 | 55 | W | 4 | bc | 29.98 | + .26 | 52 | 50 | - 2 | SSW | 4 | og | 3 | cv, bc | 59 | 50 | 0.02 | | | |
| Belmullet ... | 29.96 | 55 | NW | 2 | bc | 29.98 | + .22 | 56 | 52 | + 2 | WSW | 3 | o | # | bc | 58 | 52 | - | | | |
| Donaghadee ... | 29.87 | 56 | NE | 3 | bc | 30.02 | + .47 | 49 | 49 | - 10 | W | 4 | o | 2 | bc | 61 | 48 | 0.02 | | | |
| Liverpool (Bidston) | 29.89 | 55 | NW | 4 | bc | 30.10 | + .48 | 54 | 52 | - 5 | WSW | 2 | bc | 3 | bc | 62 | 51 | 0.13 | | | |
| Holyhead ... | 29.91 | 54 | W | 1 | b | 30.08 | + .50 | 56 | 52 | - 2 | WSW | 2 | bw | 2 | b | 60 | 49 | 0.03 | | | |
| Parsonstown ... | 29.96 | 56 | Z | 0 | c | 30.07 | + .35 | 51 | 49 | - 2 | SW | 1 | o | # | c | 61 | 45 | - | | | |
| Valencia ... | 30.06 | 58 | W | 2 | c | 30.14 | + .32 | 54 | 52 | - 1 | WSW | 2 | o | 4 | b, c | 60 | 46 | 0.01 | | | |
| Roche's Point | 30.00 | 59 | NW | 3 | bc | 30.15 | + .37 | 54 | 52 | - 2 | NW | 2 | bc | 3 | bc | 63 | 47 | - | | | |
| Pembroke (St. Ann's Hd.) | 29.98 | 58 | NW | 3 | b | 30.14 | + .47 | 57 | 54 | 0 | W | 3 | cp | 3 | b | 59 | 54 | - | | | |
| Scilly ... | 30.06 | 58 | NW | 4 | c | 30.18 | + .36 | 59 | 56 | + 1 | W | 2 | bc | 3 | c | 61 | 53 | - | | | |
| Frawle Point ... | 30.03 | 56 | NW | 3 | bc | 30.19 | + .38 | 58 | 56 | 0 | W | 2 | b | 1 | p, bc | 60 | 49 | 0.01 | | | |
| Jersey (St. Aubin's) | 30.01 | 61 | W | 3 | cp | 30.20 | + .30 | 60 | 56 | - 3 | NE | 1 | bm | 1 | cp | 65 | 52 | 0.01 | | | |
| Harst Castle ... | 29.90 | 62 | NW | 6 | c | 30.18 | + .35 | 55 | 53 | - 6 | NW | 2 | bw | 2 | bc, c | 65 | 48 | - | | | |
| Dungeness ... | 29.85 | 61 | NW | 6 | c | 30.13 | + .31 | 53 | 50 | - 9 | N | 3 | b | 2 | rq, eq | 65 | 46 | - | | | |
| North Foreland | 29.83 | 60 | W | 4 | b | 30.12 | + .32 | 56 | 54 | - 6 | W | 2 | b | 2 | c, bq | 66 | 50 | - | | | |
| London ... | 29.86 | 63 | WSW | 2 | bc | 30.16 | + .36 | 53 | 50 | - 10 | SW | 2 | bw | # | c, bc | 68 | 44 | - | | | |
| Oxford ... | 29.97 | 56 | W | 3 | o | 30.16 | + .41 | 51 | 49 | - 11 | W | 2 | b | # | o | 69 | 43 | - | | | |
| Cambridge ... | 29.82 | 64 | SW | 1 | c | 30.15 | + .39 | 53 | 51 | - 9 | SW | 1 | b | # | c | 73 | 42 | - | | | |
| Yarmouth ... | 29.77 | 66 | W | 3 | c | 30.09 | + .35 | 54 | 52 | - 8 | W | 2 | b | 2 | bc, c | 69 | 49 | - | | | |
| GERMANY & HOLLAND. | | | | | | | | | | | | | | | | | | | | | |
| Cuxhaven ... | 29.78 | 61 | W | 3 | c | 29.88 | + .01 | 61 | 60 | + 4 | NW | 4 | † | # | c | 74 | 57 | - | | | |
| Berlin ... | 29.90 | 67 | SE | 3 | b | 29.99 | - .12 | 63 | 60 | + 6 | SW | 1 | c | # | b | 77 | 55 | - | | | |
| Wiesbaden ... | * | * | # | # | # | 30.06 | - .03 | 64 | 61 | + 10 | SE | 2 | c | # | # | 73 | 54 | - | | | |
| Munich ... | 30.10 | 59 | Z | 0 | b | 30.16 | - .02 | 60 | 55 | + 8 | SW | 4 | b | # | b | 72 | 52 | - | | | |
| The Helder ... | 29.84 | 61 | SW | 5 | b | 30.08 | + .26 | 57 | 53 | - 3 | NW | 4 | b | 3 | b | 64 | 47 | - | | | |
| FRANCE AND BELGIUM. | | | | | | | | | | | | | | | | | | | | | |
| Brussels (9 a.m.) | * | * | * | * | * | 30.10 | + .20 | 57 | 56 | - 8 | NW | 3 | o | # | bc | 76 | 56 | 0.04 | | | |
| Cape Gris Nez | 29.88 | 59 | SW | 5 | bc | 30.04 | + .20 | 52 | 50 | - 10 | NW | 3 | bc | # | bc | 62 | 52 | - | | | |
| Paris ... | 29.95 | 71 | N | 2 | bc | 30.17 | + .20 | 53 | 52 | - 7 | SW | 1 | o | # | bc | 83 | 51 | - | | | |
| Brest ... | ? | 60 | NW | 2 | c | ? | ? | 53 | 51 | - 7 | NNE | 2 | b | 2 | c | 66 | 48 | - | | | |
| Lorient ... | ? | 63 | W | 4 | bc | 30.20 | + .24 | 54 | 54 | - 8 | NNE | 3 | c | 3 | bc | 68 | 52 | 0.12 | | | |
| Rochefort ... | 30.01 | 65 | NW | 5 | b | 30.10 | + .17 | 59 | 59 | 0 | NE | 3 | o | # | b | 75 | 57 | - | | | |
| Belfort ... | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | | | |
| Lyons ... | 29.99 | 73 | S | 3 | b | 30.13 | + .02 | 62 | 53 | + 1 | N | 1 | b | # | b | 82 | 55 | - | | | |
| Nice ... | 30.10 | 70 | Z | 0 | b | 30.11 | - .04 | 68 | 57 | 0 | E | 1 | b | # | b | 81 | 63 | - | | | |
| Perpignan ... | 30.04 | 68 | NE | 1 | b | 30.13 | + .03 | 59 | 58 | - 2 | SW | 1 | b | # | b | 84 | 54 | - | | | |
| Biarritz ... | 30.10 | 68 | NW | 4 | b | 30.12 | + .17 | 64 | 63 | - 5 | S | 2 | o | 3 | of | 73 | 63 | - | | | |
| PENINSULA. | | | | | | | | | | | | | | | | | | | | | |
| Corunna ... | 30.14 | 66 | NW | 4 | b | 30.13 | - .03 | 66 | 62 | - 2 | N | 3 | o | # | b | 77 | 63 | - | | | |
| Lisbon ... | 30.14 | 66 | NW | 4 | b | 30.13 | - .03 | 66 | 62 | - 2 | N | 3 | o | # | b | 77 | 63 | - | | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Wednesday, 14th Sept. 1892.

BAROMETER, WIND AND 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:

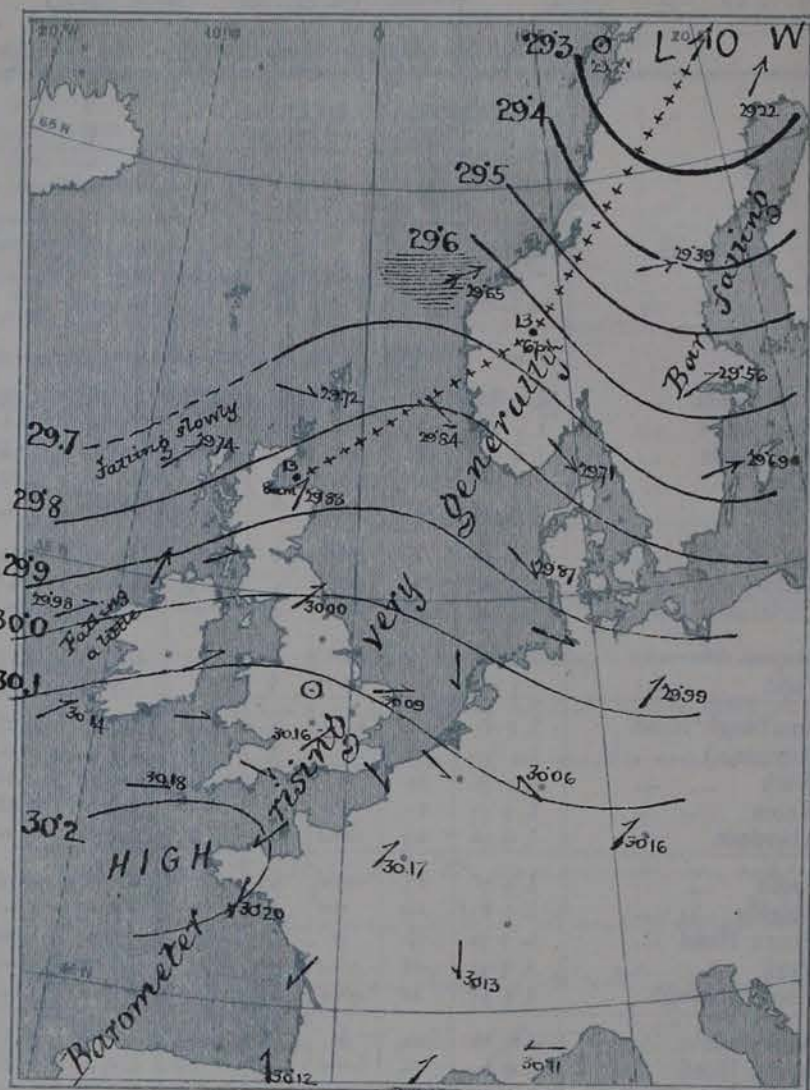
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.948 |
| Pembroke | 29.948 |
| Sally | 29.971 |
| Prawle Point | 29.928 |
| Jersey | 29.938 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.878 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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.

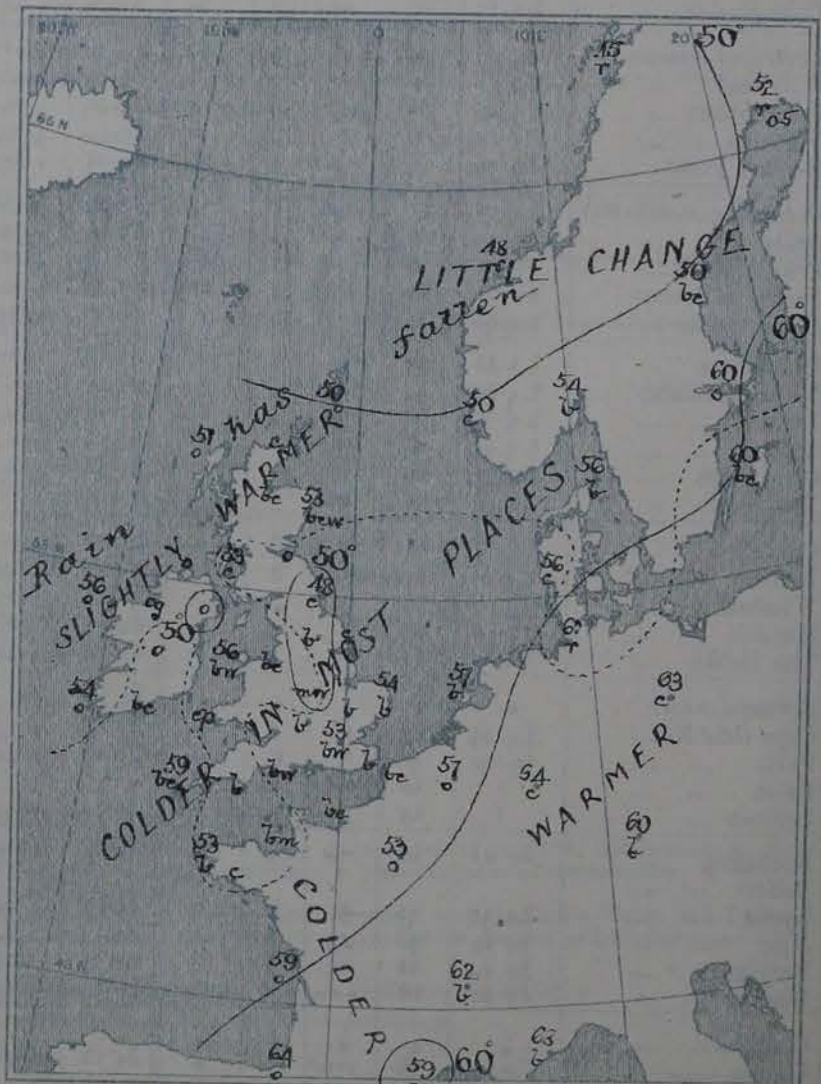
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------|---------------|---------------|-----------|-----------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. | at 8 a.m. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.9 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 52.7 | 56.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.78 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.0 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Sally | 61.8 | 51.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.48 |
| Jersey | 65.4 | 54.8 | 59.0 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 53.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.3 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 54.6 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1868-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. to 30.2 in. in an anticyclone lying over France, Spain, the Bay of Biscay, and the southern parts of the United Kingdom.
 Lowest, 29.3 in. and less, in a large depression lying over the northern parts of Scandinavia.
 Gradients moderate over Scandinavia, but slight elsewhere.
 Barometer rising in most places, but falling a little in the extreme northwest of our Islands, and more decidedly in Sweden.

TEMPERATURE

Highest, 68° at Nice, 66° at Lisbon, 64° at Wiesbaden and Biarritz, 63° at Berlin, and 61° at Copenhagen.
 Lowest, 45° at Bodo, 47° at Loughborough, 46° at Christiansund, 49° at York and Danzig, and 50° at Hermand and Edinburgh H.
 The highest maximum registered over our Islands yesterday was 73° at Cambridge, and 69° at Oxford and Yarmouth.

WIND

Light to moderate from the Wnd or SWnd over the whole of the United Kingdom, and strong from the same quarters at most of the Scandinavian stations with a gale at Christiansund.
 Moderate from NW. over the Netherlands, Denmark and the south of Norway.
 NE³ in the west of France; variable over the central and southern parts of that country.

WEATHER

Fine over the greater part of Western Europe, but dull in Ireland and the north of Scotland, as well as in the west of France. Rain is falling over the northern parts of Scandinavia.
 Since yesterday morning a little rain has fallen at several of our western and northern stations, and larger amounts in Scandinavia.

SEA

Moderate to smooth generally, but rather rough at Christiansund.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A new depression is approaching our northwest coasts, and showery weather is likely to again spread over our western and northern districts generally. The southeastern portions of the Kingdom will probably remain under the influence of the anticyclone for the present.

FORECASTS

For the 24 hours ending at NOON on 15th SEPT: 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|--|
| 0 | SCOTLAND NORTH | } SW ³ winds, freshening, fair to showery. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | } SW ³ winds, moderate; fine to cloudy and showery. |
| 3 | ENGLAND EAST | |
| 4 | MIDLAND COUNTIES | } W ³ and SW ³ winds, light, fine generally. |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----|---------------|--|
| 6 | SCOTLAND WEST | } Same as N ^o 0 and 1. |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | } W ³ and SW ³ winds, light or moderate; fair generally. |
| 9 | IRELAND NORTH | |
| 10 | IRELAND SOUTH | } SW ³ winds, freshening, cloudy, some rain. |
| | WARNINGS | |
- NONE ISSUED.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Dir. | F. | WEA. | SEA. | | BAR. | | THER. | | WIND. Dir. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|---------------|----|------|------|--------------------|-------|----|-------|------|---------------|----|------|------|
| | | Dry. | Wet. | | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 29.46 | 58 | 57 | S | 6 | of | 5 | Valencia ... | 29.99 | 60 | 56 | W | 4 | b | 4 | |
| Sumburgh Head ... | 29.52 | 51 | 49 | NW | 3 | b | 3 | Scilly ... | 29.95 | 60 | 56 | NW | 5 | c | 4 | |
| Stornoway ... | 29.66 | 55 | 50 | W | 3 | bc | 3 | Jersey ... | 29.95 | 63 | 59 | W | 4 | bc | 3 | |
| Aberdeen ... | 29.61 | 52 | 49 | NW | 5 | cq | 4 | Hurst Castle ... | 29.85 | 64 | 60 | W | 6 | bc | 3 | |
| Shields ... | 29.56 | 67 | 61 | SW | 3 | c | 2 | Dungeness ... | 29.83 | 63 | 61 | W | 6 | c | 3 | |
| Ardrossan ... | 29.75 | 58 | 56 | W | 4 | bc | 2 | North Foreland ... | 29.80 | 65 | 61 | W | 5 | c | 3 | |
| Malin Head ... | 29.77 | 55 | 51 | NW | 4 | bc | 2 | London ... | 29.79 | 68 | 62 | SW | 3 | c | 3 | |
| Mullaghmore ... | 29.84 | 57 | 53 | NW | 5 | cv | 3 | Yarmouth ... | 29.74 | 68 | 62 | SW | 5 | bc | 3 | |
| Belmullet ... | 29.87 | 57 | 52 | NW | 3 | bc | 3 | Rochefort ... | 29.91 | 73 | 69 | NW | 3 | b | 3 | |
| Holyhead ... | 29.80 | 56 | 52 | NW | 5 | b | 5 | | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southern and western Europe, as well as in some parts of Southern Russia, cloudy more or less over all the northwestern and northern countries, with rain in Scotland and at Moscow, and slight drizzle at some of the Channel stations and at Poiret. Rain falling later in considerable quantity over Scandinavia, and in smaller amounts at our northern and western stations. Local showers in France and Belgium.

Temperature risen somewhat at many of the northern and western stations. Morning readings still ranging from 65° to 70° on the Mediterranean coast, and exceeding 60° over the greater part of England, France, and southeastern Europe; lower elsewhere. Lowest of all 44° at Ulenborg, 47° at Archangel, Bodö, and Sumburgh, 48° at Tromsø and Christiansund, and 49° at Naer. Rising during day to nearly 70° over many parts of England (73° at Cambridge), to 76° at Brussels, and to 83° at Paris and Lyons.

Wind almost calm over central, southeastern, and southern Europe, moderate in force in the northwest and north, — NW in Ireland, W to S over Wales and England, S on the eastern shore of the North Sea and in Norway, SW over the Baltic. The NW wind spreading to Wales and the coast of England later, but beginning to "back" again in Ireland.

Barometer highest 30.2 ins. and more to 30.0 ins. over central, southeastern, and southwestern Europe. Lowest 29.5 ins. and less, in a well marked depression over Scotland and the northern parts of the North Sea. Depression over these latter regions moving quickly to the northward later, and barometer rising quickly over the British Islands.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 15th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | |
|-------------------------------|--|-----------|--------|------------------|----------|---|------------------------------|-----------|-----------|--------------------------------|--------|------------------|----------|---------------|--------|----------------|------|---------------------|
| | BAROM. | TEMP. | WIND. | | | BAROMETER. | SHADE TEMP. | | | WIND. | | | | | | SHADE TEMP. | | |
| | Reading at 32° F. and Sea Level. | Dry Bulb. | Dirac. | Force (0 to 12). | Weather. | Reading at 32° F. and Sea Level. | Change since Yesterday Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | Dirac. | Force (0 to 12). | Weather. | Sea (0 to 9). | | Max. | Min. | Amount of Rainfall. |
| | Inch. | ° | | | | Inch. | | ° | ° | | | | | | | ° | | ins. |
| SCANDINAVIA. | | | | | | | | | | | | | | | | | | |
| Haparanda ... | 29.41 | 43 | W | 6 | b | 29.65 | + .24 | 44 | 41 | - 8 | W | 2 | b | # | b | 52 | 41 | 0.08 |
| Hernösand ... | 29.80 | 48 | W | 0 | bc | 29.80 | + .41 | 43 | 41 | - 7 | W | 2 | b | # | bc | 57 | 43 | - |
| Stockholm ... | 29.90 | 50 | W | 0 | b | 29.96 | + .40 | 51 | 48 | - 9 | W | 2 | b | # | b | 66 | 50 | - |
| Wisby ... | 29.88 | 59 | W | 4 | b | 30.06 | + .37 | 54 | 51 | - 6 | W | 6 | b | # | b | 66 | 54 | - |
| Bodö ... | 29.58 | 46 | W | 6 | c | 29.52 | + .23 | 45 | 44 | 0 | E | 2 | c | 1 | c | 46 | 41 | 0.16 |
| Christiansund... | 29.69 | 50 | S | 2 | c | 29.51 | - .14 | 55 | 49 | + 7 | SSW | 2 | c | 3 | c | 55 | 48 | 0.04 |
| Skudesnaes ... | 29.86 | 55 | SSW | 7 | o | 29.84 | - .00 | 56 | 54 | + 6 | SSW | 7 | + | 5 | o | 58 | 50 | - |
| Christiana Fjord (Fierder) | 29.87 | 57 | W | 4 | b | 29.90 | + .22 | 57 | 53 | + 3 | SSW | 6 | c | 4 | b | 61 | 54 | - |
| Skagen (The Scaw) | 29.97 | 53 | W | 5 | b | 29.99 | + .28 | 53 | 51 | - 3 | W | 5 | o | 3 | b | 59 | 52 | - |
| Fanö ... | 30.07 | 54 | W | 4 | b | 30.08 | + .21 | 58 | 55 | + 2 | W | 5 | c | # | b | 61 | 54 | - |
| Sumburgh Head | 29.55 | 51 | S | 5 | + | 29.54 | - .18 | 53 | 52 | + 3 | SW | 4 | o | 5 | o, r | 54 | 48 | 0.16 |
| Stornoway ... | 29.57 | 54 | W | 6 | o | 29.55 | - .19 | 52 | 50 | + 1 | SW | 6 | o | 6 | o | 55 | 50 | 0.12 |
| Wick ... | 29.69 | 52 | W | 4 | o | 29.65 | - .14 | 55 | 52 | + 4 | S | 1 | o | 1 | o | 55 | 51 | - |
| Nairn ... | 29.67 | 55 | SW | 3 | c | 29.65 | - .16 | 55 | 50 | + 4 | SW | 3 | c | 2 | c | 60 | 47 | - |
| Aberdeen ... | 29.79 | 53 | SSW | 4 | cq | 29.77 | - .11 | 54 | 50 | + 1 | SSW | 3 | og | 2 | og, cq | 58 | 53 | 0.01 |
| Leith ... | 29.86 | 56 | W | 4 | o | 29.79 | - .13 | 56 | 53 | + 4 | S | 3 | o | # | o | 60 | 51 | 0.01 |
| Shields ... | 29.97 | 55 | SSW | 4 | c | 29.90 | - .10 | 53 | 51 | + 5 | SSW | 4 | c | 2 | o, c | 58 | 42 | - |
| Spurn Head ... | 30.06 | 57 | SW | 2 | o | 30.02 | - .05 | 54 | 54 | + 1 | SSW | 4 | c | 3 | o | 61 | 49 | - |
| York ... | 30.06 | 56 | SW | 1 | o | 29.99 | - .07 | 54 | 51 | + 5 | S | 3 | c | # | o | 61 | 47 | - |
| Loughborough | 30.11 | 58 | W | 1 | o | 30.07 | - .05 | 53 | 51 | + 6 | SW | 3 | c | # | o | 64 | 47 | - |
| ISLANDS. | | | | | | | | | | | | | | | | | | |
| Ardrossan ... | 29.87 | 56 | SW | 4 | p | 29.78 | - .22 | 55 | 54 | + 2 | SSW | 4 | c | 4 | o, p | 56 | 53 | 0.02 |
| Malin Head ... | 29.80 | 55 | SW | 6 | ou | 29.66 | - .24 | 53 | 51 | + 1 | SSW | 6 | o | 3 | o, r | 57 | 52 | 0.10 |
| Mullaghmore ... | 29.89 | 56 | SW | 6 | og | 29.71 | - .27 | 55 | 51 | + 3 | S | 6 | og | 4 | og | 58 | 51 | - |
| Belmullet ... | 29.89 | 58 | W | 4 | o | 29.64 | - .34 | 55 | 54 | - 1 | SSW | 6 | o | # | o | 58 | 52 | 0.31 |
| Donaghadee ... | 29.93 | 56 | SW | 3 | o | 29.83 | - .19 | 56 | 54 | + 7 | SW | 5 | bc | 3 | o | 59 | 49 | 0.01 |
| BRITISH | | | | | | | | | | | | | | | | | | |
| Liverpool (Bilston) | 30.07 | 55 | SW | 3 | c | 29.97 | - .13 | 54 | 51 | 0 | SSW | 3 | o | 3 | c | 60 | 51 | - |
| Holyhead ... | 30.04 | 56 | SW | 4 | cq | 29.92 | - .16 | 58 | 55 | + 2 | SSW | 4 | cq | 3 | cq | 59 | 54 | - |
| Parsonstown ... | 29.96 | 57 | S | 1 | c | 29.81 | - .26 | 55 | 52 | + 4 | SE | 2 | o | # | c | 60 | 50 | - |
| Valencia ... | 30.07 | 58 | SSW | 3 | cm | 29.77 | - .37 | 57 | 55 | + 3 | S | 5 | og | 5 | c, cm | 62 | 53 | 0.02 |
| Roche's Point | 30.10 | 57 | SW | 3 | c | 29.85 | - .30 | 57 | 55 | + 3 | SSW | 4 | c | 4 | c | 60 | 52 | - |
| Pembroke (St. Ann's Hd.) | 30.12 | 57 | W | 4 | c | 29.95 | - .19 | 58 | 57 | + 1 | SSW | 5 | cq, p | 5 | c | 60 | 53 | - |
| Scilly ... | 30.18 | 60 | SSW | 2 | c | 29.98 | - .20 | 59 | 56 | 0 | S | 4 | c | 3 | c | 65 | 55 | - |
| Prawle Point ... | 30.19 | 54 | W | 3 | bc | 30.07 | - .12 | 56 | 54 | - 2 | SE | 4 | b | 3 | bc | 61 | 54 | - |
| Jersey (St. Aubin's) | 30.21 | 63 | W | 2 | bv | 30.11 | - .09 | 59 | 54 | - 1 | E | 2 | bm, w | 2 | bc, bv | 68 | 45 | - |
| Hurst Castle ... | 30.18 | 60 | W | 4 | bc | 30.10 | - .08 | 59 | 56 | + 4 | SSW | 3 | b | 1 | bc | 65 | 47 | - |
| Dungeness ... | 30.15 | 60 | W | 4 | bc | 30.11 | - .02 | 60 | 57 | + 7 | SW | 3 | bc | 2 | bc | 66 | 50 | - |
| North Foreland | 30.14 | 58 | SSW | 2 | b | 30.09 | - .03 | 59 | 56 | + 3 | S | 2 | b | 2 | b | 63 | 50 | - |
| London ... | 30.14 | 59 | SW | 1 | b | 30.11 | - .05 | 54 | 49 | + 1 | S | 1 | bc, w | # | bc, bw | 67 | 47 | - |
| Oxford ... | 30.15 | 54 | W | 2 | b | 30.09 | - .07 | 50 | 48 | - 1 | S | 3 | b | # | b | 66 | 44 | - |
| Cambridge ... | 30.13 | 56 | SW | 1 | b | 30.09 | - .06 | 54 | 52 | + 1 | S | 1 | b | # | b | 68 | 41 | - |
| Yarmouth ... | 30.11 | 61 | W | 1 | b | 30.10 | + .01 | 56 | 54 | + 2 | SSW | 2 | bw | 2 | bc | 64 | 47 | - |
| GERMANY & HOLLAND. | | | | | | | | | | | | | | | | | | |
| Cuxhaven ... | 30.09 | 54 | W | 2 | b | 30.15 | + .27 | 57 | 56 | - 4 | SSW | 2 | b | # | b | 61 | 47 | - |
| Berlin ... | 30.12 | 63 | W | 2 | b | 30.22 | + .23 | 59 | 54 | - 4 | E | 1 | c | # | b | 70 | 55 | - |
| Wiesbaden ... | * | * | * | * | * | 30.16 | + .10 | 60 | 58 | - 4 | W | 0 | o | # | # | 72 | 57 | 0.04 |
| Munich ... | 30.22 | 62 | W | 0 | b | 30.21 | + .05 | 60 | 57 | 0 | SW | 2 | r | # | b | 75 | 52 | - |
| The Helder ... | 30.19 | 52 | SW | 1 | b | 30.15 | + .07 | 54 | 52 | - 3 | S | 2 | c | 2 | b | 61 | 46 | - |
| BRUSSLS (9 a.m.) | * | * | * | * | * | 30.15 | + .05 | 54 | 52 | - 3 | E | 2 | b | # | b | 65 | 46 | - |
| Cape Gris Nez | 30.06 | 58 | SW | 3 | b | 30.10 | + .06 | 55 | 53 | + 3 | SE | 1 | b | 1 | b | 63 | 52 | - |
| Paris ... | 30.18 | 59 | NNE | 2 | bc | 30.15 | - .02 | 49 | 48 | - 4 | W | 2 | bc | # | bc | 65 | ? | - |
| Brest ... | ? | 60 | N | 2 | b | ? | ? | 54 | 52 | + 1 | E | 2 | c | 2 | b | 66 | 48 | - |
| Lorient ... | 30.18 | 62 | W | 3 | b | 30.06 | - .14 | 55 | 51 | + 1 | E | 3 | c | 2 | b | 66 | 54 | - |
| FRANCE AND BELGIUM. | | | | | | | | | | | | | | | | | | |
| Rochefort ... | 30.12 | 68 | NNE | 2 | o | 30.07 | - .03 | 57 | 55 | - 2 | NNE | 3 | b | # | o | 73 | 55 | - |
| Belfort ... | ? | 64 | NE | 1 | bc | ? | ? | 62 | 59 | - | E | 3 | b | # | bc | 76 | 44 | - |
| Lyons ... | 30.08 | 71 | E | 1 | b | 30.16 | + .03 | 59 | 55 | - 3 | SSW | 1 | bc | # | b, l | 80 | 56 | - |
| Nice ... | 30.12 | 68 | SW | 1 | b | 30.15 | + .04 | 68 | 58 | 0 | W | 0 | b | 1 | b | 79 | 63 | - |
| Perpignan ... | 30.03 | 64 | NE | 1 | b | 30.12 | - .01 | 64 | 63 | + 5 | NE | 1 | c | # | b | 74 | 53 | - |
| Biarritz ... | 30.10 | 67 | NNE | 3 | o | 30.02 | - .10 | 63 | 62 | - 1 | E | 3 | c | 3 | o | 70 | 59 | 0.35 |
| PENINSULA. | | | | | | | | | | | | | | | | | | |
| Cornwall ... | * | * | * | * | * | 30.01 | - .12 | 61 | 59 | - 5 | W | 3 | b | # | b | 73 | 59 | - |
| Lisbon ... | 30.07 | 64 | W | 5 | b | 30.01 | - .12 | 61 | 59 | - 5 | W | 3 | b | # | b | 73 | 59 | - |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Thursday, 15th Sept. 1892.

BAROMETER, WIND AND 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

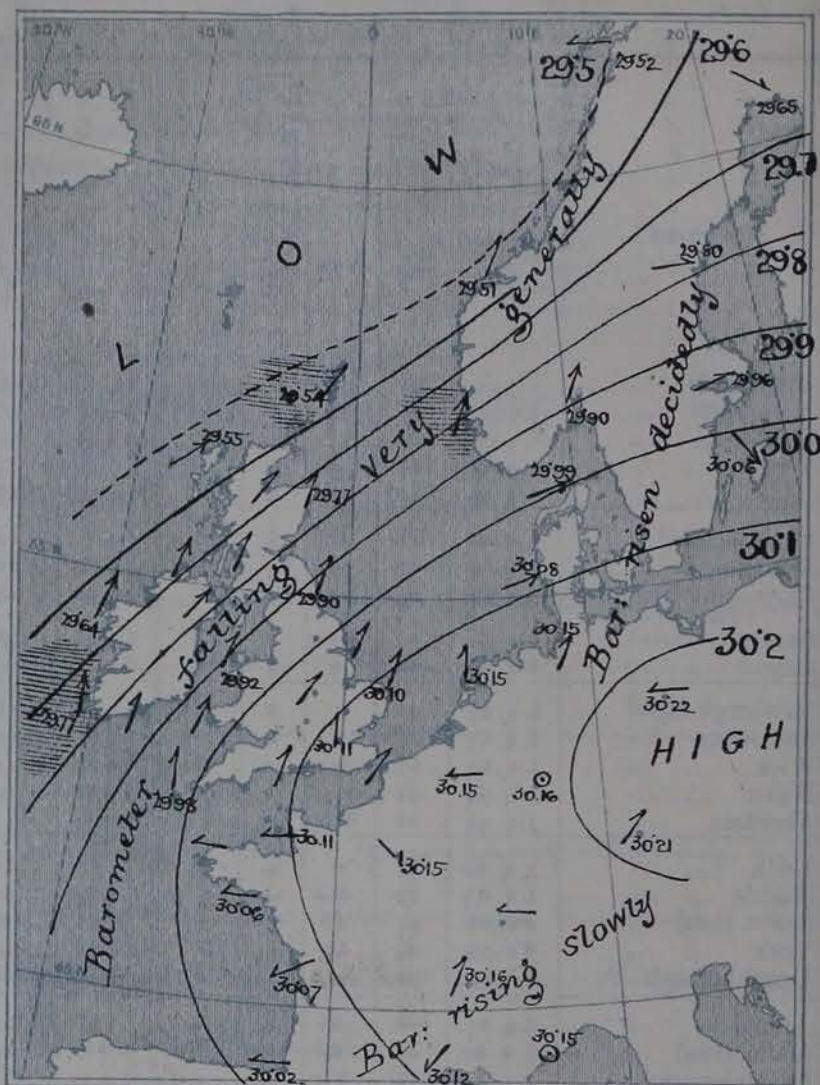
at 8.0 a.m. for the month of September.

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.707 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.945 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------|---------------|---------------|-------------------|------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 50.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.58 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 1.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.8 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.10 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 1.53 |
| Roche's Point | 61.7 | 51.0 | 53.5 | 53.1 | 1.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.0 | 3.58 |
| Scilly | 61.8 | 51.7 | 58.1 | 56.3 | 3.11 |
| Prawle Point | 62.1 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.1 | 54.8 | 59.9 | 57.0 | 3.95 |
| Hurst Castle | 61.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.61 |
| LONDON | 66.3 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 61.0 | 48.9 | 51.0 | 52.1 | 2.60 |
| Cambridge | 65.6 | 48.1 | 51.0 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in and more to 30.0 in over Germany, France, and the southeast of England.
 Lowest, 29.6 in and less, over the northwest of Norway and the extreme northwest of the British Islands.
 Gradients somewhat steep in the northwest and north, slight over France and Germany.
 Barometer falling fast in the extreme west, slightly in the east and north, rising over the Baltic and Germany.

TEMPERATURE

Highest, 68° at Nice, 63° at Danzig, 60° at Wiesbaden, 58° at Holyhead, 57° at Valencia Island and Lander.
 Lowest, 43° to 44° on the northern coasts of Sweden, 49° at Paris, 50° at Oxford.
 The thermometer failed to reach 70° at any of our own stations yesterday, but maxima exceeded 65° at most of our inland stations. At Berlin the maximum was 70°, at Wiesbaden 72°, and at Lyons 80°.

WIND

Very light and variable over Germany and France; E over the Bay of Biscay.
 S over the United Kingdom (strong in the west and northwest) and SW strong, on the eastern shores of the North Sea. In Sweden it is light from the W and NW. The force seemed to be increasing considerably on our northwestern and western coasts.

WEATHER

Fine generally over Sweden, France, and the southeastern half of England, cloudy or overcast at our western and northwestern stations, rainy at Christiania.
 A little rain was measured at nearly all the northern and extreme western stations this morning, and a considerable amount at Christiania.

SEA

Rather rough in the west and extreme north, slight to smooth in the east and south.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The new disturbance in the west will probably prove to be a "V-shaped" system, and will move northwards. Some rain is likely to occur in most places, followed by a shift of wind to W. or NW. for a time.

FORECASTS

For the 24 hours ending at NOON on 16th SEPT: 1892.

DISTRICTS.

FORECASTS.

| | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | S ^{ly} winds, strong, squally, showery. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | |
| 3 | ENGLAND EAST | S ^{ly} to NW ^{ly} breezes, moderate; changeable, fair to showery. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | SW ^{ly} to NW ^{ly} breezes, fine, warm, some showers later. |

DISTRICTS.

FORECASTS.

| | | |
|----|------------------|---|
| 6 | SCOTLAND WEST | } S ^{ly} to NW ^{ly} breezes; showery to fair, cooler |
| 7 | ENGLAND N.W. | |
| 8 | ENGLAND S.W. | |
| 9 | IRELAND NORTH | |
| 10 | IRELAND SOUTH | |

At 4.0 pm to districts 0, 6, and parts of 1 and 9, and
at 10.30 am today to district 7 "Hoist South Cone"

WARNINGS

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. |
|-----------------|-------|-------|------|-----------------|----|------|------|--------------------|-------|-------|------|-----------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 29.59 | 58 | 51 | SW | 4 | c | 3 | Valencia ... | 30.11 | 60 | 54 | SW | 4 | c | 4 |
| Sumburgh Head | 29.67 | 53 | 50 | WSW | 4 | o | 4 | Scilly ... | 30.18 | 65 | 59 | S | 2 | c | 2 |
| Stornoway ... | 29.60 | 53 | 53 | SW | 5 | t | 5 | Jersey ... | 30.22 | 64 | 57 | WSW | 1 | bc | 1 |
| Aberdeen ... | 29.82 | 57 | 51 | SSW | 4 | bcq | 3 | Hurst Castle ... | 30.18 | 64 | 60 | WSW | 4 | bc | 2 |
| Shields ... | 29.98 | 57 | 51 | SW | 4 | o | 2 | Dungeness ... | 30.16 | 64 | 58 | W | 4 | bc | 3 |
| Ardrossan ... | 29.92 | 55 | 54 | SW | 3 | o | 3 | North Foreland ... | 30.14 | 60 | 56 | SE | 2 | b | 2 |
| Malin Head ... | 29.83 | 57 | 53 | SW | 5 | o | 3 | London ... | 30.14 | 67 | 56 | WSW | 1 | c | # |
| Mullaghmore ... | 29.93 | 58 | 53 | SW | 5 | og | 4 | Yarmouth ... | 30.11 | 63 | 59 | W | 2 | bc | 2 |
| Belmullet ... | 29.93 | 58 | 55 | WSW | 4 | o | # | Rocheport ... | 30.15 | 71 | 65 | NNE | 2 | o | # |
| Holyhead ... | 30.08 | 57 | 53 | SW | 4 | cq | 3 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over southeastern, southern, and western Europe, as well as over the major part of Great Britain; cloudy at our western stations, with showers in places, dull and rainy over the northern half of Scandinavia. Some showers later in Ireland, Scotland, and Norway, and a considerable fall of rain at Biarritz, lightning observed at Lyons.

Temperature still ranging between 65° and 75° at the Mediterranean stations, exceeding 60° over ^{and central} southern Europe generally, much lower elsewhere. Below 50° in many parts of the United Kingdom and the north of Norway, and as low as 45° at Moscow and Rode, 47° at Loughborough, 48° at Shields and Christiansund. Failing to reach 70° in any part of our Islands later, but touching 72° at Wiesbaden, 73° at Aise and 80° at Lyons.

Wind very light and variable over southeastern Europe, light E^s over Southern Europe, and NE^s over the Bay of Biscay and Spain. Chiefly W^s (SW to NW) over the more northern countries, and blowing somewhat strongly over the Baltic and Scandinavian. Backing to the SW^{as} and S^{ud} in Scotland and Ireland later, and increasing in strength at our western stations.

Barometer highest 30.2 ins. and more to 30.1 ins. — (1) over the Bay of Biscay, France, and the southern parts of our Islands; (2) over southern Russia and the Balkan Peninsula. Lowest (1) about 29.2 ins. over Lapland, ^{and} about 29.7 ins. off the north of Scotland; (2) below 30.0 ins. over Malta and the southern parts of Sicily. Beginning to give way rather briskly in the northwest of our Islands later, but rising over the Baltic, Germany and the southeastern half of the North Sea.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Friday, 16th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------|--|--------------|--------|------------------------|----------|---|---|--------------|--------------|--------------------------------------|--------|------------------------|----------|------------------|-------------|------|----------------|------------------------|--|--|
| | | BAROM. | | TEMP. | | WIND. | | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | SHADE TEMP. | | | Amount of Rainfall. | | |
| | | Reading at 32° F. and Sea Level. | Dry Bulb. | Direc. | Force (0 to 12). | Weather. | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | Direc. | Force (0 to 12). | Weather. | | Max. | Min. | | | | |
| Ins. | | ° | | | | | Ins. | ° | ° | ° | | | | | | ° | Ins. | | | | |
| SCANDINAVIA. | Haparanda ... | 29.64 | 49 | SW | 2 | bc | 29.67 | +0.02 | 52 | 50 | +2 | SW | 2 | bc | † | bc | 52 | 36 | - | | |
| | Hernösand ... | 29.79 | 54 | S | 2 | o | 29.86 | +0.06 | 52 | 49 | +3 | Z | 0 | b | † | o | 61 | 34 | - | | |
| | Stockholm ... | 30.02 | 55 | SW | 2 | b | 30.07 | +0.05 | 55 | 52 | +3 | SW | 2 | b | † | b | 64 | 41 | - | | |
| | Wisby ... | 30.12 | 54 | SSW | 6 | b | 30.14 | +0.02 | 55 | 52 | +3 | SSW | 4 | b | † | b | 61 | 50 | - | | |
| | Bodö ... | 29.43 | 51 | SSW | 6 | r | 29.59 | +0.16 | 45 | 44 | +1 | Z | 0 | r | † | 51 | 43 | 0.91 | | | |
| | Christiansund... | 29.68 | 52 | NSW | 3 | r | 29.64 | +0.04 | 53 | 51 | -2 | ESE | 3 | c | 3 | r | 57 | 52 | 0.28 | | |
| | Skudesnaes ... | 29.87 | 57 | S | 8 | o | 29.75 | -0.12 | 57 | 54 | +3 | SSE | 8 | c | 5 | o | 57 | 54 | - | | |
| | Christiania Fjord (Fjord) | 29.94 | 57 | S | 8 | o | 29.92 | +0.02 | 57 | 54 | +3 | S | 4 | o | 3 | bc | 59 | 55 | - | | |
| | Skagen (The Scaw) | 29.82 | 56 | SW | 4 | bc | 29.93 | +0.11 | 57 | 54 | +3 | S | 3 | c | 2 | bc | 63 | 52 | - | | |
| | Fanö ... | 30.03 | 52 | S | 2 | b | 29.84 | -0.19 | 57 | 56 | -1 | ESE | 3 | c | † | b | 64 | 52 | - | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.58 | 52 | SW | 2 | r | 29.54 | -0.04 | 51 | 50 | -2 | ESE | 5 | r | 6 | r | 55 | 46 | 0.25 | | |
| | Stornoway ... | 29.44 | 54 | SW | 7 | o | 29.04 | -0.40 | 53 | 51 | +2 | S | 9 | o | 6 | r, o | 55 | 50 | 0.25 | | |
| | Wick ... | 29.55 | 55 | S | 4 | o | 29.21 | -0.34 | 55 | 52 | +3 | S | 7 | o | 4 | o | 55 | 51 | - | | |
| | Nairn ... | 29.55 | 56 | W | 2 | c | 29.21 | -0.34 | 54 | 49 | +5 | W | 1 | bc | 1 | c | 60 | 52 | - | | |
| | Aberdeen ... | 29.67 | 54 | S | 4 | oggy | 29.35 | -0.32 | 53 | 51 | -2 | S | 6 | cgy | 6 | oggy | 56 | 53 | - | | |
| | Leith ... | 29.68 | 58 | NSW | 3 | c | 29.41 | -0.27 | 54 | 54 | -2 | SSW | 2 | c | † | c | 61 | 53 | - | | |
| | Shields ... | 29.77 | 58 | S | 3 | o | 29.50 | -0.27 | 52 | 50 | -2 | SSE | 4 | o | 2 | c, o | 61 | 38 | - | | |
| | Spurn Head ... | 29.87 | 59 | SSE | 3 | c | 29.66 | -0.21 | 58 | 58 | +2 | SSE | 4 | c | 3 | c | 64 | 51 | - | | |
| | York ... | 29.86 | 58 | S | 3 | c | 29.61 | -0.25 | 55 | 53 | +2 | S | 3 | c | † | c | 63 | 48 | - | | |
| | Loughborough | 29.89 | 60 | S | 2 | bc | 29.68 | -0.21 | 57 | 55 | +2 | SSW | 3 | cw | † | bc | 66 | 48 | - | | |
| BRITISH ISLANDS. | Ardrossan ... | 29.60 | 57 | S | 5 | c | 29.40 | -0.20 | 52 | 51 | -3 | SSW | 6 | o | 6 | bc, c | 58 | 51 | 0.08 | | |
| | Malin Head ... | 29.37 | 56 | SSE | 6 | og | 29.24 | -0.13 | 50 | 49 | -3 | NSW | 6 | odp | 4 | og | 57 | 49 | 0.03 | | |
| | Mullaghmore ... | 29.29 | 59 | SSE | 9 | o | 29.47 | -0.18 | 51 | 48 | -3 | W | 8 | cgy | 6 | og | 66 | 49 | 0.09 | | |
| | Belmullet ... | 29.20 | 56 | SSW | 9 | o | 29.58 | +0.38 | 51 | 48 | +3 | NSW | 4 | c | † | or, o | 57 | 49 | 0.70 | | |
| | Donaghadee ... | 29.59 | 57 | SSW | 7 | c | 29.46 | -0.13 | 50 | 49 | -3 | W | 7 | b | 6 | c | 60 | 48 | 0.01 | | |
| | Liverpool (Bldston) | 29.79 | 57 | S | 2 | bc | 29.63 | -0.16 | 52 | 50 | -2 | NSW | 3 | o | 3 | bc | 61 | 50 | 0.02 | | |
| | Holyhead ... | 29.73 | 58 | SSW | 3 | cgy | 29.62 | -0.11 | 54 | 50 | -4 | NSW | 4 | bc | 4 | c, cgy | 61 | 51 | 0.23 | | |
| | Parsonstown ... | 29.50 | 57 | SE | 3 | o | 29.65 | +0.15 | 50 | 47 | +3 | SW | 1 | b | † | o | 61 | 47 | 0.24 | | |
| | Valencia ... | 29.49 | 55 | SW | 6 | rm | 29.81 | +0.32 | 53 | 47 | +6 | NSW | 6 | bcgy | 6 | og, rm | 60 | 51 | 0.22 | | |
| | Roche's Point | 29.57 | 59 | SSW | 7 | o | 29.79 | +0.22 | 57 | 53 | +4 | NSW | 3 | b | 3 | o | 60 | 48 | 0.20 | | |
| BRITISH ISLANDS. | Pembroke (St. Ann's Hd.) | 29.76 | 59 | S | 5 | c | 29.72 | -0.04 | 55 | 51 | -3 | NSW | 5 | bcgy | 5 | c | 60 | 50 | 0.16 | | |
| | Scilly ... | 29.83 | 59 | S | 4 | c | 29.79 | -0.04 | 56 | 53 | -3 | NSW | 4 | c | 4 | c | 64 | 52 | 0.14 | | |
| | Prawle Point ... | 29.86 | 57 | SSE | 3 | c | 29.75 | -0.11 | 55 | 55 | +1 | NSW | 4 | or | 3 | c, l, r | 62 | 55 | 0.09 | | |
| | Jersey (St. Aubin's) | 29.89 | 65 | ESE | 2 | b | 29.82 | -0.07 | 63 | 59 | +4 | SW | 3 | bcm | 2 | bcm, l | 67 | 58 | - | | |
| | Hurst Castle ... | 29.91 | 60 | SSE | 3 | c | 29.78 | -0.13 | 62 | 60 | +2 | NSW | 5 | bc | 2 | b, c, p | 64 | 58 | 0.01 | | |
| | Dungeness ... | 29.94 | 61 | S | 3 | bc | 29.78 | -0.16 | 62 | 61 | +1 | SSW | 5 | bc | 4 | b, bc | 66 | 60 | 0.01 | | |
| | North Foreland | 29.94 | 59 | SSE | 2 | b | 29.75 | -0.19 | 62 | 61 | +1 | S | 3 | og | 3 | b | 63 | 57 | 0.02 | | |
| | London ... | 29.93 | 58 | SSE | 1 | bm | 29.76 | -0.17 | 62 | 60 | +2 | SSW | 2 | c | † | bc, b | 68 | 54 | - | | |
| | Oxford ... | 29.89 | 55 | SSE | 2 | c | 29.73 | -0.16 | 57 | 55 | +2 | S | 3 | ogv | † | c | 65 | 50 | - | | |
| | Cambridge ... | 29.92 | 56 | SW | 1 | b | 29.74 | -0.18 | 60 | 58 | +2 | S | 1 | o | † | b | 69 | 41 | - | | |
| GERMANY & HOLLAND. | Yarmouth ... | 29.95 | 59 | SSE | 4 | b | 29.75 | -0.20 | 62 | 61 | +1 | S | 4 | cw | 3 | b | 62 | 53 | - | | |
| | Cuxhaven ... | 30.09 | 58 | NSW | 2 | b | 29.84 | -0.25 | 59 | 58 | +1 | S | 2 | o | † | b | 63 | 57 | - | | |
| | Berlin ... | 30.14 | 64 | ESE | 2 | o | 29.99 | -0.15 | 62 | 61 | +1 | SE | 2 | o | † | o | 77 | 57 | 0.24 | | |
| | Wiesbaden ... | 30.15 | 63 | SE | 2 | † | 30.05 | -0.10 | 58 | 58 | +0 | Z | 0 | † | † | † | 63 | 55 | 0.16 | | |
| | Munich ... | 30.15 | 63 | SE | 2 | † | 30.13 | -0.02 | ? | ? | +? | Z | 0 | b | † | ? | ? | 52 | - | | |
| | The Helder ... | 30.02 | 60 | SE | 1 | b | 29.86 | -0.16 | 56 | 55 | +1 | S | 1 | f | † | b | 63 | 52 | - | | |
| | Brussels (9 a.m.) | ? | ? | ? | ? | ? | 29.88 | -0.27 | 64 | 61 | +3 | S | 4 | b | † | ? | 69 | 54 | 0.08 | | |
| | Cape Gris Nez | 29.93 | 60 | NE | 1 | b | 29.80 | -0.13 | 60 | 58 | +2 | S | 3 | c | 3 | b | 66 | 55 | - | | |
| | Paris ... | 29.99 | 65 | E | 2 | o | 29.94 | -0.05 | 61 | 58 | +3 | S | 2 | b | † | o | 70 | 54 | 0.12 | | |
| | Brest ... | ? | 62 | SW | 1 | o | ? | ? | 59 | 58 | +1 | SW | 3 | c | 2 | o | 68 | 52 | 0.08 | | |
| FRANCE AND BELGIUM. | Lorient ... | 29.98 | 65 | S | 1 | c | 29.84 | -0.14 | 61 | 57 | +4 | W | 3 | bc | 2 | c | 70 | 55 | - | | |
| | Rochefort ... | 29.91 | 73 | E | 3 | o | 29.89 | -0.02 | 63 | 62 | +1 | S | 3 | o | † | o, l, l | 79 | 57 | - | | |
| | Belfort ... | ? | 63 | W | 4 | bc | ? | ? | 61 | 57 | +4 | W | 3 | o | † | bc | 79 | 55 | - | | |
| | Lyons ... | 30.01 | 74 | S | 2 | c | 30.06 | +0.05 | 69 | 58 | +1 | S | 2 | b | † | c | 83 | 59 | - | | |
| | Nice ... | 30.15 | 72 | SW | 1 | b | 30.17 | +0.02 | 68 | 69 | +1 | E | 1 | b | † | b | 81 | 63 | - | | |
| | Perpignan ... | 30.04 | 69 | SSW | 3 | b | 30.06 | -0.02 | 63 | 61 | +2 | N | 1 | b | † | b | 79 | 57 | - | | |
| | Biarritz ... | 29.89 | 72 | ESE | 4 | kl | 29.89 | -0.00 | 75 | 60 | +15 | SW | 3 | bc | 2 | kl | 82 | 63 | - | | |
| | Corunna ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | - | | | |
| | Lisbon ... | 29.96 | 64 | NSW | 3 | b | 29.93 | -0.03 | 63 | 59 | +4 | SSW | 2 | b | † | ? | 77 | 59 | - | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Friday, 16th Sept. 1892.

BAROMETER, WIND AND 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

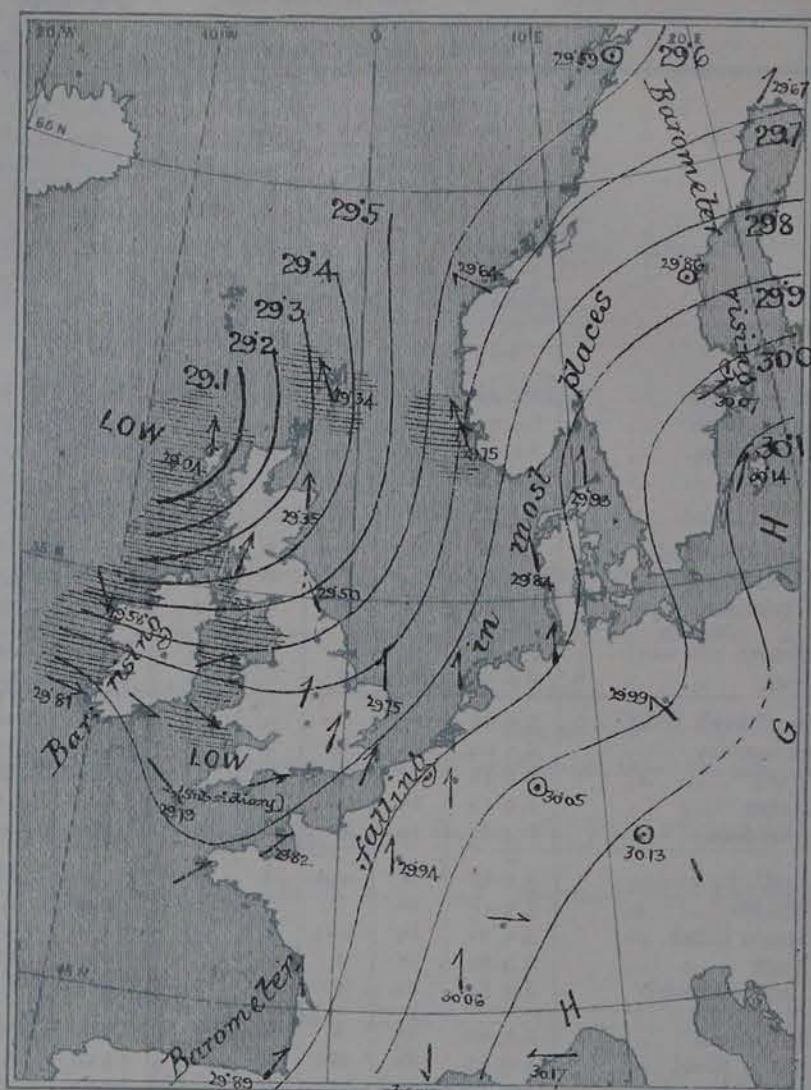
at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.707 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.916 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-------------------|------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | Wet. | |
| Sumburgh Head | 55.0 | 40.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.6 | 53.2 | 50.8 | 2.84 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.1 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.1 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.0 | 1.95 |
| Donaghadee | 59.0 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.28 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.10 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 51.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.49 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 61.0 | 48.9 | 54.0 | 52.1 | 2.60 |
| Cambridge | 65.0 | 48.1 | 54.0 | 52.0 | 2.29 |
| Yarmouth | 62.1 | 51.1 | 56.3 | 54.1 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1860-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and upwards, over Scotland, South Germany, and the southeast of France.
 Lowest, 29.1 in. and less, in a deep depression the centre of which lay off the northwest of Scotland.
 Gradients steep over the northern parts of our Islands and the North Sea, but moderate or slight elsewhere.
 Barometer rising again in the west of our Islands, but falling in most other parts of Western Europe, — quickly in Scotland.

TEMPERATURE

Highest, 75° at Biarritz, 69° at Lyons, 68° at Nice, 63° at Jersey, Rochefort, and Perpignan, and 62° over the southeastern counties of England generally as well as at Berlin.
 Lowest, 45° at Abbe, 50° at Donaghadee and Kinsale, and 51° at Lumburg H., Belmullet, and Mullaghmore.
 The highest maxima registered over our Islands yesterday were 69° at Cambridge, and 68° at Donaghadee and in London.

WIND

W^{ly} in the west and northwest of our Islands, but S^{ly} on all our more northern and eastern coasts, and SE^{ly} on the eastern shores of the North Sea; strong to a gale in force over the northwestern and northern parts of the United Kingdom.
 Light from the S^{wd} in France and from the SW^{wd} in Sweden.

WEATHER

In the course of the past night a strong to whole gale from the S^{wd} has been experienced on our northwestern and extreme northern coasts.
 Fine at some of our western stations, but cloudy over the United Kingdom generally, with showers in the north of Ireland and the south of England.
 Fine and bright in Sweden and also in France, but cloudy in Norway, Denmark and Germany.
 Since yesterday morning rain has fallen on all our southwestern, western, and extreme northern coasts.
 Lightning was seen during the evening or night at Havre and Jersey, and thunderstorms occurred at Rochefort and Biarritz.

SEA

Rough on many parts of our western and northern coasts, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The deep depression off the northwest of Scotland will probably travel away to the northward and the gales are therefore likely to subside gradually. A shallow secondary disturbance which is advancing over the south of England will probably occasion rain at most of our southern and southeastern stations.

FORECASTS

For the 24 hours ending at NOON on 17th SEPT 1892.

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|--------------------|--|-------------------|--|
| † 0 SCOTLAND NORTH | S ^{ly} winds, strong, a gale in places; squally, showery. | † 6 SCOTLAND WEST | SW ^{ly} to W ^{ly} winds, strong, a gale in places; squally, showery. |
| † 1 SCOTLAND EAST | | † 7 ENGLAND N.W. | |
| † 2 ENGLAND N.E. | S ^{ly} winds, fresh or strong; cloudy, showery. | 8 ENGLAND S.W. | NW ^{ly} winds, backing later; changeable, showery. |
| 3 ENGLAND EAST | | † 9 IRELAND NORTH | W ^{ly} gales, moderating and backing later; squally, showery. |
| 4 MIDLAND COUNTIES | S ^{ly} and SW ^{ly} winds, moderate or fresh; cloudy, unsettled, some rain. | 10 IRELAND SOUTH | Same as N° 8 |
| 5 ENGLAND SOUTH | | | |

WARNINGS

At 7.10 pm yesterday to district 2 and part of 1. "Hoist South Cone". The signals are now flying in districts 0 to 2 6 7 and 9.

Note.—The South Cone, point downwards (†), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (†), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | P. | WEA. | SEA. | | BAR. | THER. | | WIND. | P. | WEA. | SEA. |
|-----------------|-------|-------|------|-------|----|------|------|-------------------|-------|-------|------|-------|----|------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudesnaes ... | 29.86 | 57 | 54 | S | 7 | 0 | 5 | Valencia ... | 29.55 | 60 | 56 | S | 7 | 0 | 7 |
| Sumburgh Head | 29.61 | 57 | 51 | SW | 2 | 1 | 4 | Scilly ... | 29.88 | 61 | 59 | S | 4 | 1 | 3 |
| Stornoway ... | 29.50 | 55 | 53 | SW | 6 | 1 | 6 | Jersey ... | 30.00 | 67 | 67 | SE | 2 | 6 | 2 |
| Aberdeen ... | 29.68 | 55 | 51 | SE | 4 | 0 | 3 | Hurst Castle | 30.01 | 64 | 58 | S | 3 | 6 | 2 |
| Shields ... | 29.85 | 59 | 55 | SW | 3 | 2 | 2 | Dungeness ... | 30.03 | 64 | 58 | SW | 2 | 6 | 1 |
| Ardrossan ... | 29.71 | 58 | 56 | SW | 3 | 6 | 3 | North Foreland... | 29.99 | 64 | 57 | SE | 2 | 6 | 2 |
| Malin Head ... | 29.54 | 55 | 51 | S | 6 | 0 | 3 | London ... | 30.00 | 65 | 56 | S | 2 | 6 | 4 |
| Mullaghmore ... | 29.54 | 58 | 53 | SE | 7 | 0 | 6 | Yarmouth ... | 30.02 | 61 | 57 | SE | 4 | 6 | 4 |
| Belmullet ... | 29.42 | 57 | 52 | SW | 6 | 0 | 4 | Rochefort ... | 30.01 | 69 | 65 | NW | 2 | 0 | 4 |
| Holyhead ... | 29.53 | 59 | 56 | SW | 4 | 0 | 4 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine generally at the Continental and most of the English stations, — clear and bright in most places, but cloudy over Germany; dull, gloomy, and unsettled in the west and north of our Islands and the south of Norway, with rain at St Ann's Head and also at Skudesnaes; thunderstorm at Biarritz. A good deal of rain later in the west and south of Ireland, in the Hebrides and Shetlands, and in Norway — smaller quantities on our western coast generally, as well as in some parts of Germany and France; lightning at Dunkirk, thunder and lightning at Rochefort.

Temperature fallen over northern Europe, not much changed elsewhere. Morning readings 60° to 75° in the greater part of the Mediterranean coasts, and exceeding 60° over southwestern, southern, and southeastern Europe generally; below 60° over the United Kingdom, Germany, and the North Sea, and as low as 43° at Haparanda, 45° at Rode, and 48° at Archangel. Rising later to 60° and more in Scotland and Ireland, to between 65° and 69° over England, to 70° at Paris, 79° at Rochefort, 81° at Nice, and 83° at Lyons.

Wind calm or very light and anticyclonic at the central, southeastern, and southern stations in Europe; E¹ over the Bay of Biscay; S¹ over the United Kingdom — light in the east and fresh to strong in the west — SW¹ on the eastern shores of the North Sea; W¹ light over northern Europe. Beginning to blow hard from S and SW in Ireland later, but remaining light in the east and south of England.

Barometer highest 30.2 ins. and more to 30.0 ins. over eastern, central and western Europe, including the southeastern half of England. Lowest, 29.5 ins. and less (1) in the north of Russia and (2) off the northwest coast of Norway; 29.7 ins. and less, off the northwest of Ireland. Falling fast at the Irish stations and steadily over England during day, as a deep depression approached our northwest coasts from the Atlantic.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 17th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | |
|-------------------------------|--|--------------|--------|---------------------|---------------------|----------|---|---|--------------|--------------|--------------------------------------|--------|---------------------|----------|------------------|----------|----------------|------|------------------------|
| | Barom. | Temp. | Wind. | | Force (0 to 12). | Weather. | Barometer. | Shade Temp. | | | Wind. | | Force (0 to 12). | Weather. | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. |
| | Reading at 32° F. and Sea Level. | Dry Bulb. | Dirac. | Force (0 to 12). | | | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | Dirac. | Force (0 to 12). | | | | Max. | Min. | |
| | Ins. | ° | | | | | Ins. | ° | ° | ° | | | | | | | ° | ° | Ins. |
| SCANDINAVIA. | | | | | | | | | | | | | | | | | | | |
| Haparanda ... | 29.75 | 51 | SW | 4 | 6 | b | 29.58 | - .09 | 51 | 51 | - 1 | SSW | 4 | 0 | # | b | 55 | 46 | - |
| Hernösand ... | 29.80 | 54 | S | 4 | 6 | b | 29.47 | - .39 | 53 | 53 | + 1 | S | 6 | 0 | # | b | 63 | 43 | 0.20 |
| Stockholm ... | 29.91 | 57 | SSE | 2 | 0 | 0 | 29.73 | - .34 | 59 | 56 | + 4 | SSW | 2 | 0 | # | 0 | 63 | 48 | - |
| Wisby ... | 29.91 | 59 | S | 6 | 0 | 0 | 29.87 | - .27 | 59 | 57 | + 4 | SSW | 6 | 0 | # | 0 | 64 | 48 | 0.04 |
| Bodö ... | 29.86 | 51 | Z | 0 | 0 | 0 | 29.15 | - .44 | 53 | 51 | + 8 | E | 2 | 0 | 1 | 0 | 53 | 45 | 0.25 |
| CHRISTIANIA. | | | | | | | | | | | | | | | | | | | |
| Christiansund... | 29.38 | 55 | ESE | 4 | C | c | 29.13 | - .51 | 53 | 49 | 0 | WSW | 7 | C | 4 | c | 61 | 50 | 0.08 |
| Skudesnaes ... | 29.47 | 56 | SSE | 8 | T | T | 29.65 | - .10 | 50 | 47 | - 7 | WSW | 7 | T | 6 | 0, T | 61 | 46 | - |
| Christiania Fjord (Frier) | 29.69 | 59 | E | 4 | 0 | 0 | 29.59 | - .33 | 57 | 53 | 0 | SSW | 7 | 0 | 5 | 0 | 59 | 55 | 0.39 |
| Skagen (The Seaw) | 29.70 | 58 | SW | 4 | bc | bc | 29.72 | - .21 | 54 | 51 | - 3 | WSW | 5 | C | 3 | bc | 59 | 54 | 0.16 |
| Fanö ... | 29.79 | 60 | SW | 4 | b | b | 29.88 | + .04 | 57 | 51 | 0 | SW | 6 | C | # | b | 64 | 57 | - |
| BRITISH ISLANDS. | | | | | | | | | | | | | | | | | | | |
| Sumburgh Head | 29.09 | 51 | SSE | 5 | T | T | 29.71 | + .37 | 44 | 39 | - 7 | WSW | 5 | C | 6 | bc, T | 55 | 41 | 0.30 |
| Stornoway ... | 29.22 | 51 | WSW | 8 | T | T | 29.82 | + .78 | 45 | 45 | - 7 | W | 3 | C | # | T | 55 | 40 | 0.10 |
| Wick ... | 29.11 | 53 | WSW | 4 | 0 | 0 | 29.88 | + .67 | 46 | 42 | - 4 | WSW | 3 | C | 4 | 0, l | 58 | 40 | 0.25 |
| Nairn ... | 29.22 | 55 | SW | 3 | C | C | 29.91 | + .70 | 46 | 42 | - 4 | SW | 2 | b | 1 | C | 60 | 39 | - |
| Aberdeen ... | 29.24 | 52 | SSW | 8 | bc | bc | 29.95 | + .60 | 48 | 42 | - 6 | WSW | 3 | bc | 3 | bc, p | 58 | 40 | 0.02 |
| Leith ... | 29.45 | 55 | WSW | 6 | b | b | 30.02 | + .61 | 49 | 44 | - 5 | WSW | 3 | bc | # | b | 59 | 41 | - |
| Shields ... | 29.63 | 55 | SW | 5 | C | C | 30.06 | + .56 | 46 | 43 | - 3 | WSW | 3 | b | 2 | bc, C | 61 | 41 | - |
| Spurn Head ... | 29.78 | 57 | WSW | 4 | C | C | 30.10 | + .44 | 50 | 49 | - 1 | WSW | 5 | b | 4 | C | 63 | 47 | - |
| York ... | 29.76 | 55 | S | 5 | C | C | 30.11 | + .50 | 49 | 44 | - 5 | WSW | 3 | b | # | C | 63 | 43 | - |
| Loughborough | 29.86 | 55 | WSW | 3 | C | C | 30.17 | + .47 | 47 | 43 | - 4 | W | 3 | b | # | d, C | 65 | 42 | 0.02 |
| IRISH ISLANDS. | | | | | | | | | | | | | | | | | | | |
| Ardrossan ... | 29.60 | 51 | W | 5 | P | P | 30.04 | + .64 | 51 | 49 | - 2 | SW | 3 | 0 | 2 | P | 55 | 47 | ? |
| Malin Head ... | 29.65 | 50 | WSW | 7 | ogp | ogp | 30.00 | + .76 | 50 | 46 | 0 | SSW | 4 | 0 | 3 | ogp | 57 | 47 | 0.02 |
| Mullaghmore ... | 29.84 | 50 | WSW | 8 | ogp | ogp | 30.07 | + .60 | 50 | 45 | - 5 | SSW | 4 | b | 3 | ogp | 54 | 45 | 0.04 |
| Belmullet ... | 29.96 | 51 | NE | 3 | bc | bc | 30.06 | + .48 | 55 | 50 | + 5 | WSW | 3 | b | # | cp, bc | 55 | 49 | 0.02 |
| Donaghadee ... | 29.74 | 50 | W | 7 | bc | bc | 30.11 | + .65 | 46 | 45 | - 1 | W | 5 | b | 3 | bc | 59 | 44 | 0.05 |
| BRITISH ISLANDS. | | | | | | | | | | | | | | | | | | | |
| Liverpool (Bidston) | 29.84 | 53 | W | 6 | C | C | 30.16 | + .53 | 50 | 45 | - 5 | W | 4 | 0 | 4 | C | 58 | 49 | 0.03 |
| Holyhead ... | 29.84 | 53 | WSW | 5 | og | og | 30.15 | + .53 | 53 | 48 | - 5 | WSW | 3 | b | 3 | bc, og | 58 | 47 | - |
| Parsonstown ... | 29.92 | 51 | WSW | 1 | bc | bc | 30.16 | + .51 | 43 | 41 | - 2 | Z | 0 | b | 3 | bc | 57 | 36 | - |
| Valencia ... | 30.05 | 53 | WSW | 4 | b | b | 30.21 | + .40 | 52 | 49 | - 3 | SSE | 1 | bc | 3 | og, b | 56 | 40 | - |
| Roche's Point | 29.99 | 54 | WSW | 3 | b | b | 30.24 | + .45 | 47 | 44 | - 3 | WSW | 1 | b | 2 | b | 58 | 43 | - |
| IRISH ISLANDS. | | | | | | | | | | | | | | | | | | | |
| Pembroke (St. Ann's Hd.) | 29.93 | 56 | WSW | 4 | 0 | 0 | 30.22 | + .50 | 52 | 49 | - 3 | WSW | 2 | b | 3 | 0 | 57 | 48 | - |
| Scilly ... | 29.98 | 56 | WSW | 4 | 0 | 0 | 30.20 | + .41 | 55 | 49 | - 6 | WSW | 3 | b | 4 | C, 0 | 59 | 48 | - |
| Prawle Point ... | 29.97 | 54 | W | 2 | C | C | 30.22 | + .47 | 57 | 50 | + 7 | WSW | 2 | b | 1 | C | 59 | 45 | 0.01 |
| Jersey (St. Aubin's) | - | - | - | - | - | - | 30.17 | + .35 | 58 | 52 | - 6 | NE | 2 | om | 2 | C | 68 | 56 | - |
| Hurst Castle ... | 29.94 | 57 | WSW | 3 | C | C | 30.20 | + .42 | 50 | 48 | - 2 | W | 3 | bc | 1 | bc, C | 64 | 47 | - |
| BRITISH ISLANDS. | | | | | | | | | | | | | | | | | | | |
| Dungeness ... | 29.88 | 62 | W | 4 | bc | bc | 30.13 | + .35 | 52 | 49 | - 3 | W | 3 | C | 2 | bc, C | 67 | 49 | - |
| North Foreland | 29.87 | 62 | W | 2 | C | C | 30.14 | + .39 | 53 | 48 | - 5 | WSW | 4 | 0 | # | bc, cl | 69 | 52 | - |
| London ... | 29.90 | 59 | SW | 2 | bc | bc | 30.19 | + .43 | 50 | 46 | - 4 | WSW | 1 | bc | # | cp, bc | 70 | 46 | 0.02 |
| Oxford ... | 29.97 | 51 | WSW | 5 | b | b | 30.20 | + .47 | 49 | 45 | - 4 | WSW | 1 | b | # | T, b, m | 64 | 41 | - |
| Cambridge ... | 29.86 | 56 | W | 1 | b | b | 30.17 | + .43 | 49 | 45 | - 4 | W | 1 | b | # | b | 69 | 42 | - |
| Yarmouth ... | 29.83 | 59 | WSW | 2 | C | C | 30.11 | + .36 | 50 | 48 | - 2 | W | 3 | bc | 2 | bc, C | 70 | 47 | - |
| GERMANY & HOLLAND. | | | | | | | | | | | | | | | | | | | |
| Cuxhaven ... | 29.83 | 61 | S | 3 | C | C | 29.92 | + .08 | 58 | 57 | - 1 | W | 3 | bc | # | C | 68 | 56 | 0.34 |
| Berlin ... | 30.04 | 65 | Z | 0 | b | b | 30.01 | + .02 | 61 | 58 | - 3 | SE | 1 | b | # | b | 73 | 55 | - |
| Wiesbaden ... | - | - | - | - | - | - | 30.04 | - .01 | 62 | 59 | + 3 | Z | 0 | b | # | # | 75 | 57 | - |
| Munich ... | 30.10 | 62 | SE | 2 | b | b | 30.17 | + .04 | 60 | 58 | - 2 | W | 3 | bc | # | b | 73 | 52 | - |
| The Helder ... | 29.90 | 62 | SW | 4 | b | b | 30.06 | + .20 | 57 | 52 | + 5 | W | 4 | C | 3 | b | 66 | 55 | - |
| FRANCE & BELGIUM. | | | | | | | | | | | | | | | | | | | |
| Brussels (s a.m.) | - | - | - | - | - | - | 30.12 | + .24 | 54 | 53 | - 1 | W | 1 | T | # | b | 73 | 53 | 0.47 |
| Cape Gris Nez | 29.94 | 60 | W | 4 | bc | bc | 30.03 | + .23 | 54 | 50 | - 4 | WSW | 3 | 0 | 2 | bc | 66 | 52 | - |
| Paris ... | 29.93 | 75 | S | 2 | b | b | 30.08 | + .14 | 57 | 56 | - 1 | WSW | 2 | 0 | # | b | 80 | 54 | - |
| Brest ... | - | 51 | WSW | 3 | 0 | 0 | - | - | 52 | 50 | - 2 | NE | 2 | 0 | 3 | 0 | 64 | 48 | - |
| Lorient ... | 29.95 | 63 | SW | 2 | cl | cl | 30.13 | + .29 | 55 | 52 | - 3 | WSW | 4 | T | 5 | cl | 70 | 54 | 0.04 |
| FRANCE & BELGIUM. | | | | | | | | | | | | | | | | | | | |
| Rocheport ... | 29.89 | 69 | WSW | 1 | C | C | 30.01 | + .12 | 61 | 60 | - 1 | ENE | 4 | 0 | # | C | 75 | 59 | - |
| Belfort ... | - | 65 | W | 3 | bc | bc | - | - | 67 | 60 | + 7 | W | 1 | b | # | bc | 69 | 50 | - |
| Lyons ... | 30.04 | 74 | S | 2 | C | C | 30.08 | + .02 | 69 | 59 | 0 | SSW | 1 | bc | # | C | 81 | 66 | - |
| Nice ... | 30.17 | 68 | SW | 1 | b | b | 30.19 | + .02 | 67 | 59 | - 8 | E | 1 | b | 1 | b | 82 | 63 | - |
| Perpignan ... | 30.03 | 71 | S | 3 | 0 | 0 | 30.12 | + .06 | 65 | 65 | + 2 | NE | 2 | C | # | 0 | 84 | 59 | - |
| Biarritz ... | 29.85 | 74 | ENE | 3 | 0 | 0 | 29.99 | + .10 | 74 | 63 | - 11 | SW | 3 | 0 | 3 | 0, l | 77 | 68 | - |
| PENINSULA. | | | | | | | | | | | | | | | | | | | |
| Corunna ... | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Lisbon ... | 29.88 | 68 | S | 4 | bc | bc | 29.93 | + .00 | 65 | 63 | + 2 | ENE | 3 | 0 | # | - | 73 | 63 | - |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Saturday, 17th Sept. 1892.

BAROMETER, WIND AND 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.

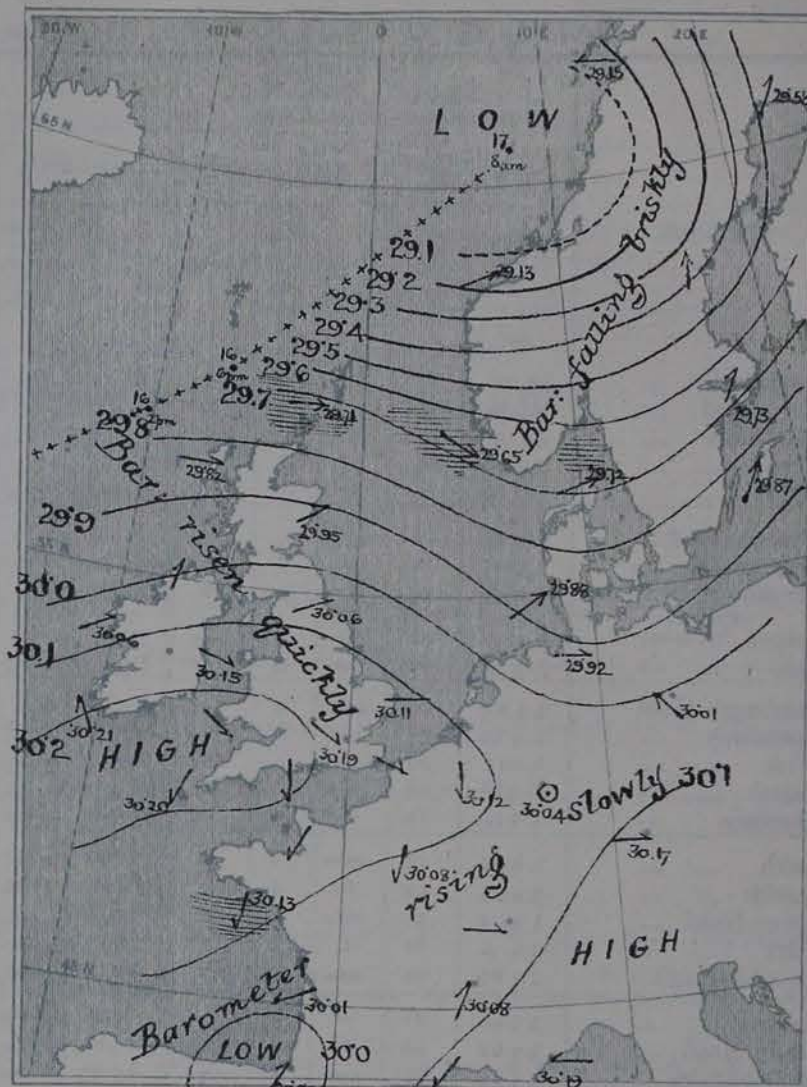
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871—1890

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.896 |
| Donaghadee | 29.903 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.966 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------|---------------|---------------|-----------|-----------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. | at 8 a.m. | |
| Sumburgh Head | 55.0 | 46.4 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.0 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.0 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.0 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.6 | 51.1 | 3.10 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.4 | 53.9 | 3.58 |
| Scilly | 61.8 | 51.7 | 58.4 | 56.3 | 3.11 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.16 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.03 |
| Hurst Castle | 61.3 | 52.1 | 57.4 | 55.7 | 3.01 |
| Dover | 65.4 | 52.9 | 57.7 | 55.2 | 2.84 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.0 | 54.0 | 52.1 | 2.65 |
| Cambridge | 65.6 | 48.1 | 54.6 | 52.0 | 2.27 |
| Yarmouth | 62.1 | 51.1 | 56.3 | 54.4 | 2.91 |

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in. and upwards, in an anticyclone lying over our southwest coast; 30.1 in. and upwards in another system lying over Switzerland, South Germany and the southeast of France.
 Lowest, 29.1 in. and less, in a deep depression lying off the northwest of Norway.
 Gradient steep over Scandinavia and the adjacent parts of the Atlantic, but moderate or slight elsewhere.
 Barometer falling briskly in Scandinavia, rising elsewhere, but rise slackening considerably on our extreme northwest coast.

TEMPERATURE

Highest, 74° at Birmm, 69° at Lyons, 67° at Belfast and Nice, 65° at Bagnan and Lisbon and 62° at Minskien.
 Lowest, 43° at Lurensborg, 44° at Seaburg H., and 46° at Stomouay, Wick, Nain, Shields and Donaghadee.
 The highest maxima registered over our Islands yesterday were 71° in London and at Yarmouth, and 65° at Lambidge and the North Island.

WIND

Strong to a gale from the Wnd in Norway and moderate from the same quarter in most parts of Great Britain, but light from the Nnd at the Channel stations.
 NE^{ly} over the greater part of France, variable in Germany.
 At the Irish stations the wind is relaxing to the Snd.

WEATHER

Fine and bright in nearly all parts of the United Kingdom, as well as in Germany and the south of France.
 Dull in Scandinavia and also over the Netherlands and the west and north of France, with rain at Skutumpah, Brussels and Lorient.
 Rain fell yesterday at several of our northern and extreme northern stations, and slight showers in some parts of our southern counties. Lightning was seen at Wick, the North Island, and Birmm, and a thunderstorm occurred at Lorient.

SEA

Rough off the Shetlands and the south of Norway, but moderate to slight elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The slackening of the barometric rise in the northwest and the backing of the wind in Ireland are indications of the approach of another depression from the Atlantic. Rough unsettled weather seems likely to set in again shortly over all the more northern parts of the Kingdom.

FORECASTS

For the 24 hours ending at NOON on 18th SEPT: 1892.

DISTRICTS.

FORECASTS.

- | | | |
|---|------------------|---|
| 0 | SCOTLAND NORTH | Wind backing to the SW ^{ly} again and increasing in force; fair to dull and some rain. |
| 1 | SCOTLAND EAST | |
| 2 | ENGLAND N.E. | W ^{ly} and SW ^{ly} winds, freshening; fine to cloudy and showery |
| 3 | ENGLAND EAST | NW ^{ly} to SW ^{ly} winds, light or moderate; fair generally. |
| 4 | MIDLAND COUNTIES | |
| 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

- | | | |
|----------|---------------|--|
| 6 | SCOTLAND WEST | SW ^{ly} winds, increasing in force; fine to dull and rainy. |
| 7 | ENGLAND N.W. | Same as N ^o 0 and 1. |
| 8 | ENGLAND S.W. | Same as N ^o 3 to 5. |
| 9 | IRELAND NORTH | S ^{ly} and SW ^{ly} winds, increasing in force; fair to dull and rainy. |
| 10 | IRELAND SOUTH | |
| WARNINGS | | At 10.20 am to district 2 and part of 1 "Lower Cone". |

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. |
|-----------------|-------|-------|------|--------|----|------|------|-------------------|-------|-------|------|--------|----|------|------|
| | | Dry. | Wet. | Dirac. | | | | | | Dry. | Wet. | Dirac. | | | |
| Shudesnaes ... | 29.62 | 60 | 55 | SSE | 8 | o | 5 | Valencia ... | 29.96 | 56 | 50 | W | 5 | bg | 5 |
| Sumburgh Head | 29.17 | 54 | 51 | SSE | 5 | bc | 6 | Scilly ... | 29.93 | 58 | 56 | W | 4 | c | 5 |
| Stornoway ... | 28.92 | 52 | 52 | S | 7 | 1 | 6 | Jersey ... | 29.99 | 68 | 61 | SW | 4 | bc | 2 |
| Aberdeen ... | 29.26 | 55 | 49 | S | 8 | bc | 6 | Hurst Castle | 29.87 | 63 | 59 | W | 4 | bc | 2 |
| Shields ... | 29.55 | 59 | 53 | SW | 5 | bc | 2 | Dungeness... | 29.83 | 67 | 63 | W | 5 | bc | 4 |
| Ardrossan ... | 29.48 | 53 | 52 | SW | 6 | p | 6 | North Foreland... | 29.79 | 68 | 62 | SW | 6 | bc | 4 |
| Malin Head ... | 29.47 | 57 | 48 | W | 7 | o | 5 | London ... | 29.82 | 61 | 58 | W | 4 | op | * |
| Mullaghmore ... | 29.70 | 52 | 48 | W | 8 | c | 6 | Yarmouth ... | 29.74 | 70 | 61 | W | 4 | bc | 3 |
| Belmullet ... | 29.80 | 52 | 45 | W | 8 | c | * | Rochefort ... | 29.64 | 73 | 69 | W | 2 | c | * |
| Holyhead ... | 29.74 | 58 | 52 | W | 5 | bc | 5 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning dull, squally, and showery over all the northwestern and northern parts of our Islands, cloudy and unsettled in England and some parts of Germany, with rain at Wiesbaden; fine generally over southwestern and southern Europe, foggy in Austria, dull in the south of Russia. Some rain later over all the northern parts of the British Islands and Norway, and local showers over parts of England and France; a thunderstorm at Lorient.

Temperature changing fitfully over the British Islands, (rises over England). Morning readings exceeding 70° at many Mediterranean stations, and exceeding 60° over Spain, southeastern Europe, the greater part of France and the southeastern counties of England, lower elsewhere, and lowest of all 45° at Moscow, Archangel, and Rodo; 46° at Kuopio, 51° at Sumburgh Hd. Rising later to 70° in London and at Yarmouth, and to between 70° and 84° over France, but failing to reach 60° in Ireland and North Britain, and scarcely exceeding 55° in the north of Scotland.

Wind extremely light and variable over the Mediterranean, southern, central, and eastern Europe. Cyclonic over the British Islands and their neighbourhood, and blowing a fresh gale from between S. and W. at the most northern of our stations; NW³ in the west of Ireland, SE¹ (moderate) at Christiansund. S¹ gale blowing in the east of Scotland later, and a hard gale from NW at Wick and Stornoway subsequently.

Barometer highest 30.2 ins. and more over Poland and Hungary, and exceeding 30.0 ins. over southeastern and southern Europe generally, and the Mediterranean. Lowest 29.1 ins. and less, in a depression off the northwest of Scotland and below 29.6 ins. in the northwest of Norway. Depression in northwest moving northeastwards later and barometer rising fast in Ireland and England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

“ Weekly “ “ “ £1 10 0 “

DAILY WEATHER REPORT

for 8 a.m. on Sunday 18th SEPT: 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---|--------------------------------|--|---------------------------|---|--|--------------|---|--------------------------------------|-------------|---------------------------|----------|----------|------|------------------|---------------------------|-------|----------------|----|----|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Shade Temp. | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
| Reading at 32° F. and Sea Level. | Dry Bulb. | Dirac. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | Dirac. | Force (0 to 12). | Weather. | Weather. | Max. | Min. | Amount of Rainfall. | | | | | |
| Inch. | ° | | | Inch. | | ° | ° | | | | | | | | | Inch. | | | | |
| SCANDINAVIA. | Haparanda ... | 29.27 | 51 | SW | 6 | bc | 29.39 | -19 | 47 | 44 | - | 4 | W | 4 | c | # | bc | 54 | 48 | 0.20 |
| | Hernösand ... | 29.65 | 46 | SW | 4 | o | 29.41 | +144 | 45 | 39 | - | 8 | SW | 1 | b | # | o | 61 | 43 | - |
| | Stockholm ... | 29.80 | 54 | SW | 4 | b | 29.97 | +24 | 48 | 44 | - | 11 | WSW | 2 | bc | # | b | 64 | 52 | - |
| | Wisby ... | 29.91 | 57 | WSW | 6 | bc | 30.05 | +18 | 51 | 47 | - | 8 | NN | 6 | b | # | bc | 66 | 54 | - |
| | Bodö ... | 29.08 | 47 | SW | 4 | v | 29.53 | +38 | 44 | 42 | - | 9 | W | 6 | bc | 3 | r | 53 | 41 | 0.75 |
| | Christiansund... | 29.75 | 46 | WSW | 8 | r | 29.52 | +39 | 50 | 46 | - | 3 | SE | 6 | o | 4 | r | 53 | 45 | 0.20 |
| | Skudesnaes ... | 29.99 | 50 | WNW | 2 | o | 29.54 | +19 | 53 | 51 | + | 3 | S | 8 | r | 5 | o | ? | 50 | - |
| | Christiania Fjord (Færdler) | 29.36 | 53 | WNW | 5 | c | 29.96 | +37 | 52 | 48 | - | 5 | WSW | 5 | o | 3 | c | 57 | 50 | - |
| | Skagen (The Scaw) | 29.96 | 51 | NN | 6 | b | 30.04 | +32 | 51 | 48 | - | 3 | WSW | 4 | o | 2 | b | 57 | 48 | - |
| | Fanö ... | 30.14 | 53 | WNW | 4 | c | 30.15 | +27 | 55 | 50 | - | 2 | W | 4 | c | # | c | 57 | 52 | - |
| BRITISH ISLANDS. | Sumburgh Head | 29.73 | 48 | S | 5 | r | 29.48 | -23 | 52 | 52 | + | 8 | SSW | 4 | o | 6 | r | 53 | 44 | 0.24 |
| | Stornoway ... | 29.67 | 52 | SW | 8 | r | 29.51 | -31 | 57 | 57 | + | 11 | W | 4 | r | 5 | r | 57 | 45 | 0.25 |
| | Wick ... | 29.83 | 51 | S | 5 | r | 29.59 | -29 | 55 | 53 | + | 9 | SW | 6 | c | 5 | r | 58 | 40 | 0.06 |
| | Nairn ... | 29.77 | 54 | SW | 2 | c | 29.61 | -20 | 59 | 54 | + | 13 | SW | 3 | c | 2 | c | 59 | 44 | - |
| | Aberdeen ... | 29.94 | 52 | SSW | 3 | c | 29.72 | -23 | 53 | 50 | + | 5 | SSW | 5 | egg | 4 | cgp | 56 | 48 | 0.07 |
| | Leith ... | 30.02 | 52 | WSW | 3 | bc | 29.84 | -18 | 54 | 52 | + | 5 | SW | 3 | r | # | bc | 60 | 47 | - |
| | Shields ... | 30.12 | 52 | SW | 3 | c | 29.97 | -09 | 54 | 51 | + | 8 | SSW | 4 | cu | 2 | c | 58 | 42 | - |
| | Spurn Head ... | 30.19 | 55 | W | 1 | bm | 30.14 | +04 | 51 | 51 | + | 1 | SSW | 4 | b | 3 | bm | 57 | 44 | - |
| | York ... | 30.20 | 53 | W | 1 | b | 30.11 | 00 | 50 | 47 | + | 1 | W | 3 | b | # | b | 58 | 40 | - |
| | Loughborough | 30.25 | 54 | SSW | 1 | b | 30.20 | +03 | 48 | 45 | + | 1 | SSW | 2 | buw | # | b | 62 | 39 | - |
| GERMANY & HOLLAND. | Ardrossan ... | 30.01 | 55 | SW | 5 | c | 29.81 | -23 | 54 | 53 | + | 3 | SW | 6 | r | 6 | c | 56 | 49 | 0.18 |
| | Malin Head ... | 29.88 | 55 | SW | 6 | o | 29.72 | -28 | 55 | 54 | + | 5 | SSW | 7 | up | 4 | o | 58 | 50 | 0.04 |
| | Mullaghmore ... | 30.00 | 56 | S | 6 | o | 29.83 | -24 | 55 | 54 | + | 5 | SSW | 7 | or | 4 | o | 59 | 49 | 0.24 |
| | Belmullet ... | 29.97 | 57 | WSW | 7 | o | 29.83 | -23 | 57 | 56 | + | 2 | WSW | 6 | o | # | orw. | 57 | 49 | 0.93 |
| | Donaghadee ... | 30.07 | 54 | SW | 4 | c | 29.92 | -19 | 54 | 52 | + | 8 | SW | 6 | o | 4 | c | 60 | 45 | - |
| | Liverpool (Bidston) | 30.22 | 50 | WSW | 3 | bc | 30.11 | -05 | 54 | 50 | + | 4 | SSW | 3 | bc | 3 | bc | 56 | 44 | - |
| | Holyhead ... | 30.19 | 52 | SSW | 4 | bc | 30.07 | -08 | 56 | 52 | + | 3 | SSW | 5 | oy | 5 | bc | 58 | 51 | - |
| | Parsonstown ... | 30.14 | 54 | SW | 1 | c | 29.99 | -17 | 54 | 52 | + | 11 | SW | 1 | u | # | c | 57 | 41 | - |
| | Valencia ... | 30.18 | 54 | S | 4 | c | 30.06 | -15 | 56 | 55 | + | 4 | S | 3 | rm | 3 | c | 59 | 50 | 0.01 |
| | Roche's Point | 30.23 | 55 | SW | 3 | b | 30.11 | -13 | 57 | 54 | + | 10 | SW | 4 | b | 3 | b | 60 | 45 | - |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 30.25 | 54 | WSW | 2 | bc | 30.16 | -06 | 55 | 53 | + | 3 | SSW | 4 | bc | 4 | bc | 57 | 52 | - |
| | Scilly ... | 30.26 | 53 | SSE | 1 | b | 30.20 | 00 | 59 | 53 | + | 4 | S | 3 | bc | 3 | b | 60 | 48 | - |
| | Prawle Point ... | 30.31 | 51 | WSW | 1 | b | 30.24 | +02 | 57 | 53 | + | 0 | ESE | 1 | b | u | b | 61 | 46 | - |
| | Jersey (St. Aubin's) | 30.28 | 57 | NE | 2 | c | 30.24 | +07 | 60 | 56 | + | 2 | E | 2 | bm | 2 | cm | 62 | 46 | - |
| | Hurst Castle ... | 30.28 | 57 | WSW | 3 | b | 30.25 | +05 | 48 | 46 | - | 2 | N | 2 | bmw | 1 | b | 63 | 39 | - |
| | Dungeness ... | 30.26 | 56 | E | 1 | b | 30.25 | +12 | 54 | 50 | + | 2 | NN | 1 | b | 1 | b | 62 | 38 | - |
| | North Foreland | 30.26 | 54 | N | 1 | b | 30.24 | +10 | 57 | 52 | + | 4 | W | 2 | b | 2 | b | 57 | 45 | - |
| | London ... | 30.27 | 52 | WNW | 1 | b | 30.26 | +07 | 52 | 48 | + | 2 | S | 2 | b | # | b | 60 | 35 | - |
| | Oxford ... | 30.29 | 49 | SW | 1 | b | 30.24 | +04 | 49 | 45 | - | 0 | Z | 0 | b | # | b | 61 | 35 | - |
| | Cambridge ... | 30.25 | 53 | SW | 1 | o | 30.24 | +07 | 44 | 43 | - | 5 | S | 1 | b | # | o | 63 | 33 | - |
| PENIN- SULA. | Yarmouth ... | 30.23 | 55 | ENE | 2 | b | 30.22 | +11 | 52 | 50 | + | 2 | WSW | 3 | b | 2 | b | 57 | 42 | - |
| | Cuxhaven ... | 30.10 | 55 | WNW | 3 | r | 30.24 | +32 | 53 | 51 | - | 5 | WSW | 4 | b | # | r | 58 | 52 | 0.04 |
| | Berlin ... | 30.16 | 56 | NW | 3 | r | 30.31 | +30 | 51 | 49 | - | 10 | W | 2 | c | # | r | 75 | 48 | 0.12 |
| | Wiesbaden ... | * | * | * | * | * | 30.34 | +30 | 49 | 47 | - | 13 | Z | 0 | b | # | # | 63 | 43 | 0.16 |
| | Munich ... | 30.20 | 66 | W | 4 | c | 30.32 | +15 | 52 | 52 | - | 8 | NW | 3 | r | # | c | 75 | 52 | 0.57 |
| | The Helder ... | 30.29 | 55 | W | 2 | b | 30.29 | +23 | 55 | 50 | - | 2 | SW | 4 | c | 3 | b | 57 | 48 | - |
| | Brussels (9 a.m.) | * | * | * | * | * | 30.31 | +19 | 52 | 48 | - | 2 | SSE | 1 | b | # | b | 58 | 41 | 0.04 |
| | Cape Gris Nez | 30.20 | 52 | NE | 1 | b | 30.21 | +18 | 49 | 46 | - | 5 | SE | 3 | b | 3 | b | 61 | 46 | - |
| | Paris ... | 30.23 | 55 | N | 2 | bc | 30.28 | +20 | 44 | 44 | - | 13 | N | 1 | b | # | bc | 61 | 44 | 0.04 |
| | Brest ... | ? | 59 | NE | 3 | b | ? | ? | 51 | 50 | - | 1 | E | 3 | b | 1 | b | 68 | 46 | - |
| FRANCE AND BELGIUM. | Lorient ... | 30.21 | 63 | NE | 3 | b | 30.22 | +09 | 52 | 50 | - | 3 | E | 4 | b | 2 | b | 66 | 52 | - |
| | Rochefort ... | 30.09 | 70 | NE | 4 | o | 30.13 | +12 | 58 | 57 | - | 3 | E | 4 | b | # | o | 81 | 55 | - |
| | Belfort ... | ? | 68 | W | 4 | r | ? | ? | 56 | 54 | - | 11 | E | 5 | o | # | r | 81 | 51 | 0.39 |
| | Lyons ... | 30.13 | 73 | S | 1 | o | 30.23 | +15 | 58 | 57 | - | 11 | NNW | 1 | o | # | o | 83 | 57 | - |
| | Nice ... | 30.17 | 66 | SW | 1 | b | 30.13 | -06 | 61 | ? | - | 6 | Z | 0 | bc | 1 | b | 81 | 59 | - |
| | Perpignan ... | 30.16 | 68 | NE | 2 | o | 30.16 | +04 | 64 | 64 | - | 1 | NE | 2 | f | # | o | 64 | 61 | - |
| | Biarritz ... | 30.08 | 76 | ENE | 3 | c | 30.10 | +11 | 64 | 64 | - | 10 | Z | 0 | bc | 3 | c | 75 | 54 | - |
| | Corunna .. | * | * | * | * | * | 30.11 | +03 | 70 | 63 | + | 2 | E | 3 | m | 4 | * | 75 | 55 | - |
| | Lisbon ... | 29.97 | 69 | WSW | 3 | o | 29.99 | +06 | 64 | 62 | - | 1 | ENE | 4 | lt | # | o | 77 | 64 | 0.12 |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Sunday, 18th Sept 1892.

BAROMETER, WIND AND 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

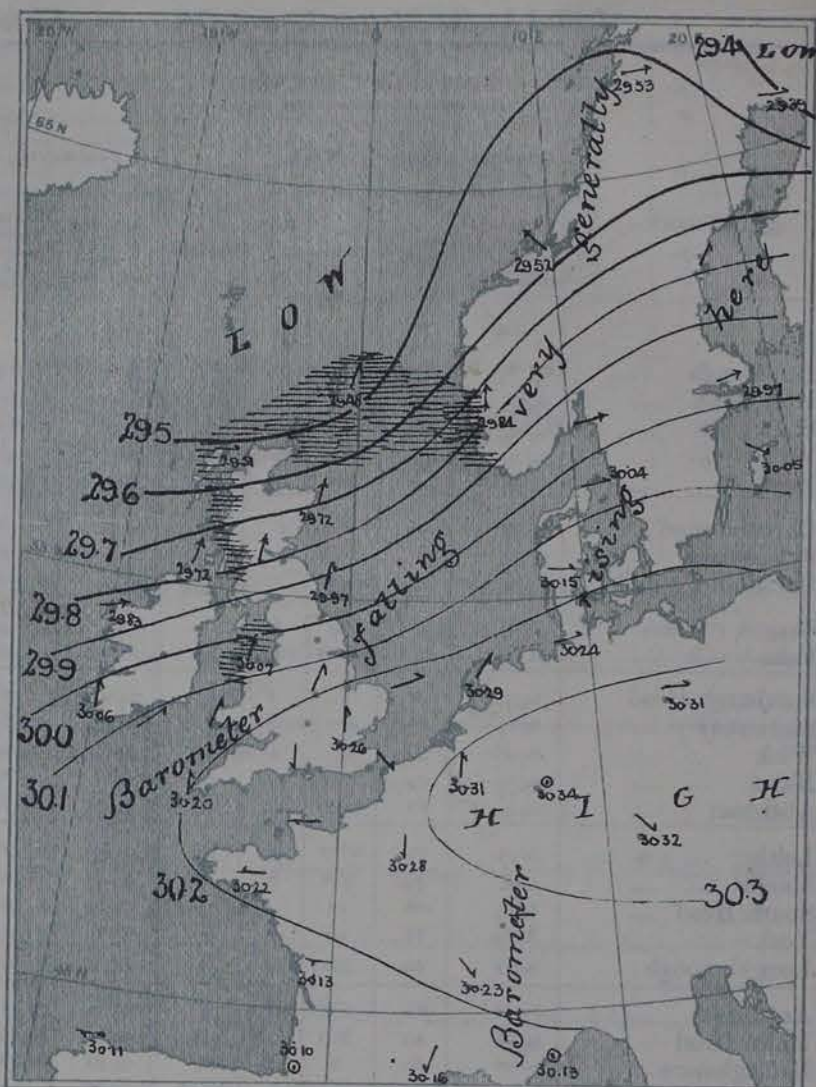
at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Seilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.966 |
| Yarmouth | 29.948 |



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.

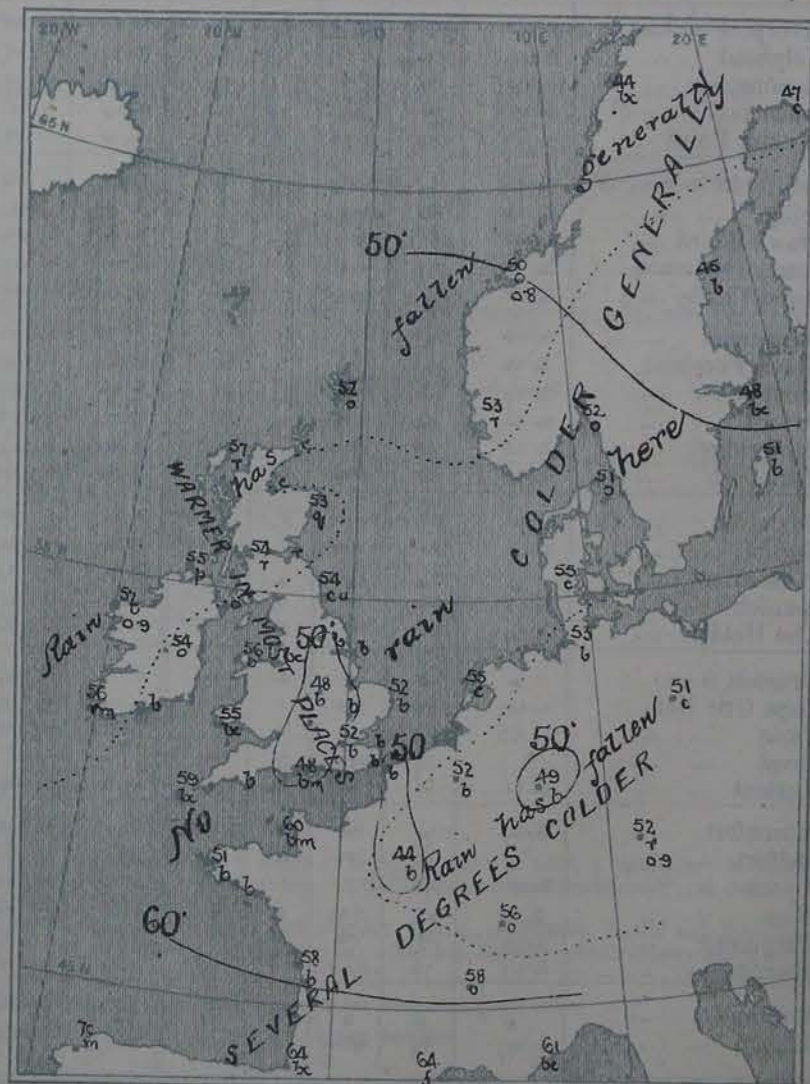
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------|---------------|---------------|-------------------|------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.84 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 63.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.78 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Seilly | 61.8 | 54.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.0 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 54.6 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.1 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins. and upwards, in an anticyclone lying over Belgium and Germany.
 Lowest, 29.4 ins. and less, in a depression over Lapland, 29.5 ins. in another system lying to the northward of Scotland.
 Gradients rather steep over Scandinavia and the northern part of our Islands and the North Sea, but slight elsewhere.
 Barometer falling in our Islands and the west of Norway, rising in Sweden, Denmark, Germany, and France.

TEMPERATURE

Highest, (1) 64° at Birnity, Perpignan, and Linton, and 61° at Nice; (2) 59° at Nain, 57° at Stornoway, and 55° at Wick.
 Lowest, (1) 44° at Cambridge and Paris, and 46° at Loughborough and Hunt-Castle; (2) 45° at Haparanda and 47° at Haparanda.
 Grounds first occurred over England last night; at Oxford the exposed thermometer fell to 26° and in London to 30°.

WIND

Fresh or strong from the S.W. or S.W.W. in the west and north of our Islands, with a moderate gale in the north of Ireland.
 Strong to a gale from S. or S.E. in the west of Norway; moderate from W. over Sweden, Denmark, and North Germany.
 Variable in the south of England and the central and southern parts of France, moderate from E. over the Bay of Biscay.

WEATHER

Fine and bright over England, France, Germany, and the Netherlands, as well as in Sweden.
 Cloudy or overcast in Ireland, Scotland, and the west of Norway, with rain in many places.
 Since yesterday morning 0.9 in. of rain has fallen at Belmullet and 0.8 in. at Bodo. Heavy rain has also fallen in South Germany (0.9 in. at Munich).

SEA

Rough or rather so on our northwestern and extreme northern coasts, as well as at Skudervær, but slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 19th Sept.

1892.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

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

None issued

WARNINGS

At 9.35 am today to district 10. Hoist South Cone.
 The Signals were hoisted on Saturday in districts 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to S.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. |
|--------------------|-------|-------|------|-------|----|------|------|--------------------|-------|-------|------|-------|----|------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudesnaes ... | 29.90 | 51 | 45 | WNW | 6 | o | 6 | Valencia ... | 30.21 | 59 | 52 | SSW | 4 | bc | 4 |
| Stumburgh Head ... | 29.82 | 49 | 41 | WNW | 3 | o | 6 | Scilly ... | 30.26 | 59 | 52 | NE | 1 | b | 4 |
| Stornoway ... | 29.75 | 53 | 53 | SW | 8 | c | 6 | Jersey ... | 30.25 | 62 | 55 | NNE | 2 | bc | 2 |
| Aberdeen ... | 29.97 | 55 | 46 | SSW | 3 | c | 2 | Hurst Castle ... | 30.26 | 61 | 56 | NNW | 2 | bc | 1 |
| Shields ... | 30.11 | 57 | 51 | WSW | 3 | bc | 2 | Dungeness ... | 30.23 | 60 | 54 | SSE | 1 | b | 1 |
| Ardrossan ... | 30.06 | 56 | 53 | SW | 3 | c | 2 | North Foreland ... | 30.23 | 57 | 51 | N | 2 | b | 1 |
| Malin Head ... | 29.96 | 56 | 50 | SW | 6 | o | 3 | London ... | 30.23 | 60 | 51 | WNW | 2 | bc | 2 |
| Mullaghmore ... | 30.05 | 57 | 50 | S | 5 | o | 3 | Yarmouth ... | 30.20 | 57 | 54 | NW | 3 | b | 2 |
| Belmullet ... | 30.04 | 57 | 52 | SW | 6 | o | 3 | Rocheport ... | 30.09 | 75 | 69 | NNE | 4 | o | 2 |
| Holyhead ... | 30.22 | 56 | 48 | SW | 3 | b | 3 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over eastern, southeastern, and southern Europe, as well as over the greater part of the British Isles; dull over Spain and Portugal, the west and north of France, Scandinavia, Finland, and northern Russia, with rain in several places. Rainfall during day considerable over Norway and the northern and northwestern parts of the United Kingdom, also in several parts of Germany; slight and local in various parts of France and Portugal. Very fine weather continuing over England.

Temperature changing very fitfully over the British Isles—rising quickly after a cold night. Morning readings exceeding 80° on the Algerian coast (56° at Algiers) and exceeding 70° at several of the south European stations generally; exceeding 60° over southeastern and Central Europe, but below 50° over many parts of Northwestern and Northern Europe, with the British Isles. Lowest of all 43° at Rancourt, 44° at Stumburgh H., 46° at Stornoway, 47° at Shields, 47° at Loughborough, 49° at York and also at Moscow. Rising later to 60° and more over England and the northern half of France, to between 75° and 85° over the southern parts of France and in Italy, and to 95° in some parts of Algeria.

Wind extremely light and variable over the Mediterranean and the southern half of Europe; light and anticyclonic (W in the north and NE in the south) over the British Islands; strong and cyclonic over northern Europe—S over Finland and the Gulf of Bothnia, SW to W over the southern half of Norway, but E (light) at Oslo. Becoming strong from SSW in Ireland and the west of Scotland later and backing W in the south of England.

Barometer highest 30.3 in. and more to 30.1 in. over the southern half of Russia and southeastern Europe generally, and 30.2 in. to 30.1 in. over Ireland, England, and the north of France. Lowest 29.1 in. and less, in a well marked depression over the northwest of Norway and neighbouring parts of the Atlantic. Gradients steep over Scandinavia. Beginning to fall in the British Islands later, but rising over Scandinavia as the depression there travelled northward.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on *Monday, 19th September, 1892.*

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|-------------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|---------------------------|------|------|--|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Direc. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Direc. | Force (0 to 12). | | Max | Min. | |
| | | Inch. | ° | | | | Inch. | ° | ° | ° | | | | | | ° | Inch. | | | | |
| SCANDINAVIA. | Haparanda ... | 29.62 | 48 | SW | 3 | b | 29.47 | +0.08 | 50 | 49 | +3 | SW | 4 | 0 | # | b | 52 | 43 | - | | |
| | Hernösand ... | 29.68 | 50 | S | 4 | b | 29.52 | -0.39 | 51 | 50 | +6 | S | 6 | 0 | # | b | 52 | 43 | - | | |
| | Stockholm ... | 29.62 | 53 | SW | 2 | c | 29.75 | -0.22 | 52 | 49 | +4 | SW | 4 | 0 | # | c | 53 | 43 | - | | |
| | Wisby ... | 30.03 | 55 | W | 6 | b | 29.90 | -0.15 | 54 | 50 | +3 | WSW | 8 | 0 | # | b | 57 | 48 | - | | |
| | Bodö ... | 29.78 | 45 | E | 2 | r | 29.20 | -0.33 | 50 | 49 | +6 | SW | 4 | 0 | 2 | r | 50 | 43 | 0.32 | | |
| | Christiansund... | 29.40 | 55 | W | 1 | 0 | 29.25 | -0.27 | 52 | 51 | +2 | ESE | 1 | r | 3 | 0 | 57 | 50 | 0.08 | | |
| | Skudesnaes ... | 29.71 | ? | SW | 7 | b | 29.49 | -0.36 | 55 | 54 | +2 | WSW | 7 | 0 | 6 | b | 55 | 53 | - | | |
| | Christiania Fjord (Frierd) | 29.80 | 56 | SSW | 5 | 0 | 29.55 | -0.41 | 55 | 53 | +3 | SSW | 7 | 0 | 5 | 0 | 59 | 52 | 0.12 | | |
| | Skagen (The Scaw) | 29.90 | 53 | SW | 5 | 0 | 29.68 | -0.36 | 53 | 53 | +2 | SW | 5 | r | 4 | 0 | 59 | 51 | 0.08 | | |
| | Fanö ... | 30.12 | 56 | WSW | 6 | c | 29.80 | -0.35 | 57 | 55 | +2 | WSW | 6 | 0 | # | c | 63 | 55 | - | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.46 | 53 | SW | 4 | 0 | 29.37 | -0.11 | 46 | 43 | -6 | WSW | 5 | c | 6 | 0 | 56 | 42 | 0.08 | | |
| | Stornoway ... | 29.55 | 56 | W | 4 | 0 | 29.62 | +0.11 | 47 | 46 | -10 | W | 4 | 0 | 4 | r, 0 | 58 | 45 | 0.20 | | |
| | Wick ... | 29.58 | 55 | WSW | 5 | 0 | 29.54 | -0.05 | 49 | 48 | -6 | WSW | 5 | 0 | 4 | 0 | 62 | 48 | 0.03 | | |
| | Nairn ... | 29.59 | 56 | SW | 2 | c | 29.55 | -0.06 | 56 | 52 | -3 | SW | 2 | 0 | 1 | c | 62 | 51 | - | | |
| | Aberdeen ... | 29.67 | 55 | S | 3 | c | 29.60 | -0.12 | 57 | 51 | +4 | SW | 2 | WSW | 2 | c | 60 | 51 | - | | |
| | Leith ... | 29.72 | 55 | SW | 2 | r | 29.66 | -0.18 | 57 | 54 | +3 | WSW | 4 | c | # | r | 59 | 52 | 0.06 | | |
| | Shields ... | 29.85 | 57 | SW | 3 | c | 29.75 | -0.22 | 57 | 54 | +3 | SSW | 3 | c | 2 | r, c | 60 | 51 | 0.04 | | |
| | Spurn Head ... | 29.98 | 57 | SSW | 4 | c | 29.85 | -0.29 | 57 | 57 | +6 | SW | 5 | op | 4 | c, p | 63 | 50 | 0.01 | | |
| | York ... | 29.96 | 58 | SSW | 3 | c | 29.82 | -0.29 | 58 | 57 | +8 | SW | 3 | 0 | # | c | 62 | 50 | 0.01 | | |
| | Loughborough | 30.05 | 56 | S | 1 | c | 29.93 | -0.27 | 58 | 55 | +10 | SW | 3 | 0m | # | c | 64 | 48 | - | | |
| GERMANY & HOLLAND. | Ardrossan ... | 29.75 | 55 | SW | 5 | r | 29.73 | -0.08 | 55 | 55 | +1 | WSW | 3 | r | 3 | r | 55 | 53 | 0.37 | | |
| | Malin Head ... | 29.71 | 54 | W | 3 | 0d | 29.71 | -0.01 | 55 | 54 | 0 | WSW | 4 | 0d, p | 2 | 0d | 58 | 53 | 0.11 | | |
| | Mullaghmore ... | 29.75 | 59 | SSW | 5 | og, r | 29.78 | -0.05 | 56 | 55 | +1 | SSW | 4 | og | 3 | or | 59 | 54 | 0.57 | | |
| | Belmullet ... | 29.78 | 55 | WSW | 2 | or | 29.81 | -0.02 | 54 | 53 | -3 | WSW | 3 | 0 | # | 0 | 57 | 53 | 0.22 | | |
| | Donaghadee ... | 29.80 | 57 | SW | 5 | 0 | 29.80 | -0.12 | 53 | 52 | -1 | SW | 5 | 0 | 3 | 0 | 60 | 53 | 0.11 | | |
| | Liverpool (Bldeton) | 29.98 | 57 | SSW | 3 | 0 | 29.87 | -0.24 | 59 | 58 | +5 | WSW | 3 | 0 | 3 | 0 | 60 | 54 | 0.12 | | |
| | Holyhead ... | 29.97 | 56 | SW | 6 | og, m, j | 29.85 | -0.22 | 58 | 57 | +2 | WSW | 5 | og, m, j | 5 | og, j | 60 | 55 | 0.43 | | |
| | Parsonstown ... | 29.89 | 55 | SW | 1 | r | 29.87 | -0.12 | 55 | 54 | +1 | SW | 1 | 0 | # | or | 60 | 53 | 0.16 | | |
| | Valencia ... | 29.94 | 58 | S | 4 | r, m | 29.94 | -0.12 | 58 | 56 | +2 | SW | 2 | 0m | 3 | r, m | 59 | 54 | 0.17 | | |
| | Roche's Point | 30.02 | 57 | WSW | 5 | r | 29.92 | -0.19 | 58 | 58 | +1 | W | 3 | r, m | 3 | r, m | 59 | 55 | 0.10 | | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 30.05 | 57 | WSW | 4 | bc | 29.96 | -0.20 | 58 | 58 | +3 | WSW | 5 | og, p | 5 | c | 58 | 55 | 0.04 | | |
| | Scilly ... | 30.12 | 60 | SSW | 4 | bc | 30.02 | -0.18 | 60 | 58 | +1 | SW | 3 | c, w | 3 | bc | 65 | 53 | - | | |
| | Prawle Point ... | 30.14 | 55 | SW | 2 | bc | 30.05 | -0.19 | 59 | 58 | +2 | WSW | 3 | c, w | 2 | bc | 61 | 54 | - | | |
| | Jersey (St. Aubin's) | 30.14 | 64 | WSW | 1 | bm | 30.08 | -0.16 | 61 | 58 | +1 | W | 2 | bm, w | 2 | bm | 68 | 49 | - | | |
| | Hurst Castle ... | 30.14 | 58 | WSW | 3 | b | 30.05 | -0.20 | 61 | 58 | +13 | WSW | 5 | bc | 2 | b | 64 | 47 | - | | |
| | Dungeness ... | 30.13 | 60 | WSW | 2 | b | 30.02 | -0.23 | 63 | 60 | +9 | W | 5 | bc | 4 | b | 63 | 50 | - | | |
| | North Foreland | 30.10 | 56 | SSW | 2 | b | 30.00 | -0.24 | 61 | 57 | +4 | SW | 4 | bc | 3 | b | 61 | 48 | - | | |
| | London ... | 30.11 | 58 | S | 2 | b | 30.02 | -0.24 | 58 | 54 | +6 | SW | 2 | bc | # | b, bc | 66 | 48 | - | | |
| | Oxford ... | 30.09 | 52 | SSW | 2 | b | 29.99 | -0.25 | 56 | 53 | +7 | SW | 2 | c | # | b | 63 | 48 | - | | |
| | Cambridge ... | 30.10 | 55 | WSW | 2 | b | 29.97 | -0.27 | 59 | 56 | +15 | SW | 2 | c | # | b | 67 | 42 | - | | |
| PENINSULA. | Yarmouth ... | 30.06 | 59 | SSW | 4 | b | 29.93 | -0.29 | 57 | 54 | +5 | WSW | 5 | bc | 3 | b | 63 | 50 | - | | |
| | Cuxhaven ... | 30.12 | 53 | WSW | 3 | b | 29.92 | -0.32 | 48 | 47 | -5 | SSW | 4 | bc | # | b | 60 | 47 | - | | |
| | Berlin ... | 30.25 | 53 | Z | 0 | b | 30.07 | -0.24 | 46 | 43 | -6 | SSW | 2 | b | # | b | 59 | 44 | - | | |
| | Wiesbaden ... | ? | ? | ? | ? | ? | 30.16 | -0.18 | 48 | 47 | -1 | NE | 2 | b | # | # | 63 | 43 | - | | |
| | Munich ... | 30.29 | 51 | Z | 0 | b | 30.21 | -0.11 | 55 | 54 | +3 | SW | 1 | 0 | # | b | 57 | 48 | 0.04 | | |
| | The Helder ... | 30.13 | 52 | S | 1 | b | 29.97 | -0.32 | 57 | 54 | +2 | SW | 1 | c | 3 | b | 59 | 45 | - | | |
| | Brussels (9 a.m.) | ? | ? | ? | ? | ? | 30.09 | -0.22 | 57 | 52 | +2 | SW | 3 | c | # | b | 64 | 50 | - | | |
| | Cape Gris Nez | 30.11 | 58 | SSW | 1 | b | 29.97 | -0.24 | 59 | 57 | +10 | WSW | 4 | bc | 3 | b | 63 | 48 | - | | |
| | Paris ... | 30.16 | 63 | NE | 2 | b | 30.14 | -0.14 | 48 | 48 | +4 | Z | 0 | b | # | b | 74 | 44 | - | | |
| | Brest ... | ? | 63 | WSW | 1 | b | ? | ? | 59 | 58 | +8 | ESE | 3 | bc | 2 | b | 73 | 46 | - | | |
| FRANCE AND BELGIUM. | Lorient ... | 30.14 | 66 | WSW | 1 | bc | 30.07 | -0.15 | 57 | 55 | +5 | E | 3 | b | 2 | bc | 70 | 52 | - | | |
| | Rochefort ... | 30.10 | 69 | WSW | 3 | b | 30.07 | -0.06 | 63 | 62 | +5 | ESE | 3 | b | # | b | 75 | ? | - | | |
| | Belfort ... | ? | 64 | E | 4 | c | ? | ? | 59 | 58 | +3 | W | 3 | c | # | c | 64 | 48 | - | | |
| | Lyons ... | 30.15 | 68 | NE | 1 | b | 30.25 | +0.02 | 59 | 57 | +1 | W | 1 | b | # | b | 73 | 55 | - | | |
| | Nice ... | 30.09 | 64 | SW | 1 | bc | 30.09 | -0.04 | 64 | 61 | +3 | ESE | 1 | bc | 1 | bc | 75 | 57 | - | | |
| | Perpignan ... | 30.10 | 69 | Z | 0 | b | 30.10 | -0.06 | 63 | 62 | -1 | Z | 0 | 0 | # | b | ? | 58 | - | | |
| | Biarritz ... | 30.04 | 72 | NE | 3 | c | 30.02 | -0.08 | 68 | 66 | +4 | E | 2 | c | 2 | c | 86 | 64 | - | | |
| | Corunna ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | - | | |
| | Lisbon ... | 30.02 | 76 | Z | 0 | c | 30.04 | +0.10 | 67 | 64 | +3 | Z | 0 | c | # | c | 75 | 64 | 0.24 | | |

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Chart on next page.

WEATHER CHARTS

for 8 a.m. on Monday, 19th Sept. 1892.

BAROMETER, WIND AND 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:

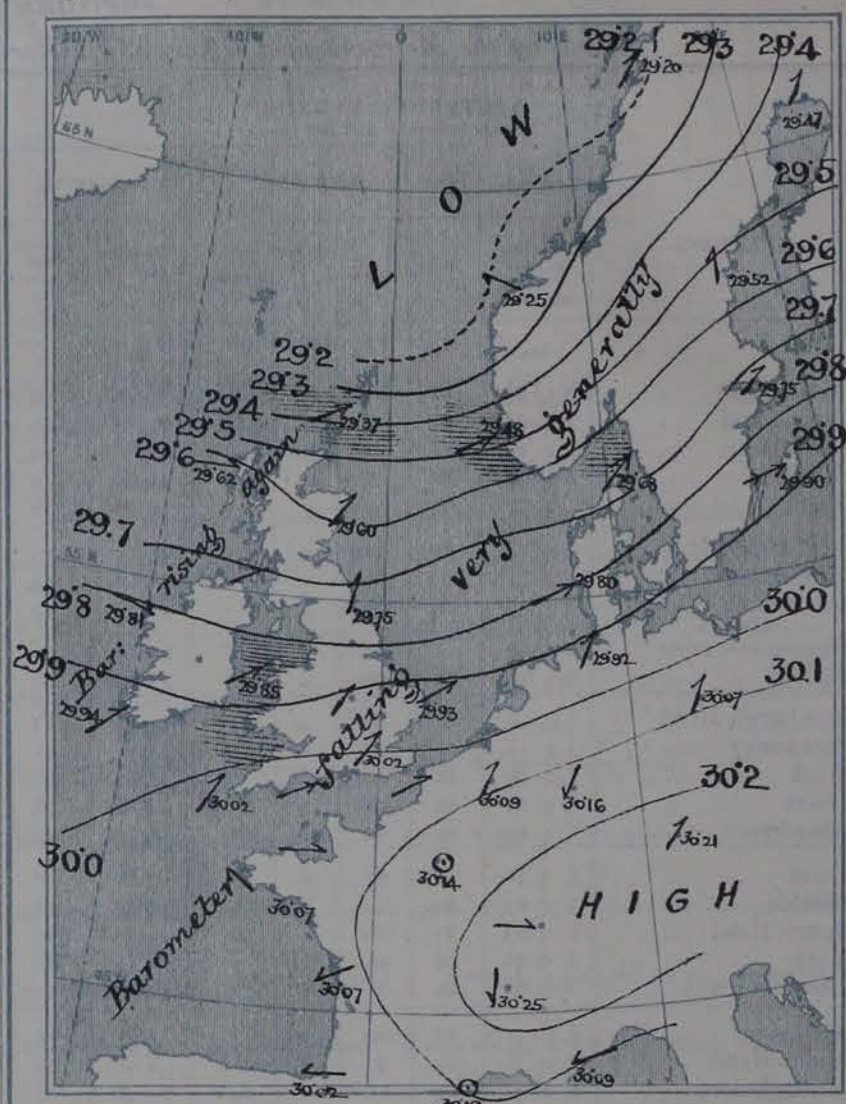
▨ = Rough. ▨ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roehe's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.918 |



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.

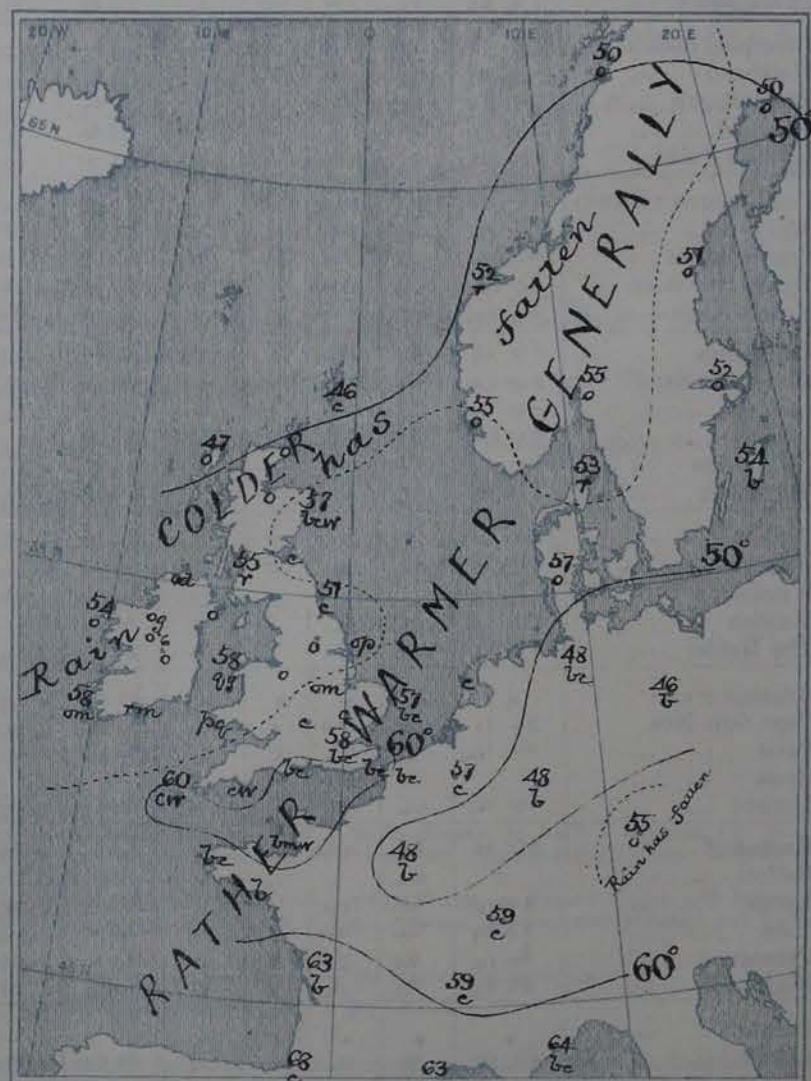
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-------------|-------------|------------------------|
| | Daily Max. | Daily Min. | Dry Wet. | Dry Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 50.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 53.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.1 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.3 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 60.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roehe's Point | 61.7 | 51.0 | 55.5 | 53.1 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 54.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle | 61.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.0 | 48.1 | 54.6 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.3 | 54.1 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1868-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.10 in. to 30.25 in. in an anticyclone lying over France and the southern part of Germany.
 Lowest, 29.2 in. and less, in a large but somewhat shallow depression lying off the west of Norway.
 Gradients moderate over Scandinavia, Denmark, and the North Sea, but slight elsewhere.
 Barometer falling generally, but rising again on our extreme west and north-west coasts.

TEMPERATURE

Highest, 68° at Bournemouth, 67° at Lisbon, 64° at Nice and 63° at Dungeness, Rochefort, and Perpignan.
 Lowest, (1) 46° at St. Petersburg, 47° at St. Moritz, and 49° at Wick; (2) 46° at Kilmartin, and 46° at Kilmartin and Newcastle.
 The highest maxima registered over our Islands yesterday were 68° at Jersey, 67° at Bournemouth, and 66° in London.

WIND

Light to fresh from the Wnd or SWnd over our Islands, and strong from the same quarters in Scandinavia and Denmark with a gale at Ulsby.
 Variable over Central France, light from the End in the west and south of that country.

WEATHER

Fine and bright over France, Germany, the Netherlands, and the southeast of England.
 Cloudy or overcast elsewhere, with showers in the southwest of our Islands, and with steady rain at Christiansund.
 Rain occurred yesterday in the west and north of our Islands generally, the fall being rather heavy in the northern parts of Ireland & Wales.

SEA

Rough off the Shetlands and west of Norway, and rather rough at Holyhead and Penzance, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Shallow depressions are now passing eastwards across the United Kingdom, and showery weather seems likely to spread to our southern and southeastern districts.

FORECASTS

For the 24 hours ending at NOON on 20th SEPT: 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

Wnd and SWnd winds, moderate or fresh; cloudy, showery.
 SWnd winds, moderate or fresh; fine to cloudy and some showers.

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

WARNINGS

Same as No 0 to 2.

SWnd winds, freshening; cloudy, some rain.

At 10.15 am to districts 2, 7, 10 and parts of 1 and 9. "Lower Cone".

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Direc. | P. | WEA. | SEA. | | BAR. | THER. | | WIND. Direc. | P. | WEA. | SEA. |
|--------------------|-------|-------|------|-----------------|----|------|------|--------------------|-------|-------|------|-----------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Shadesnaes ... | 29.78 | 55 | 53 | SSW | 8 | r | 6 | Valencia ... | | | | | | | |
| Stamburgh Head ... | | | | | | | | Scilly ... | | | | | | | |
| Stornoway ... | 29.86 | 57 | 52 | W | 4 | r | 5 | Jersey ... | 80.18 | 68 | 61 | Z | 0 | 6 | 0 |
| Aberdeen ... | | | | | | | | Hurst Castle ... | | | | | | | |
| Shields ... | | | | | | | | Dungeness ... | 30.17 | 62 | 57 | W | 1 | 6 | 1 |
| Ardrossan ... | | | | | | | | North Foreland ... | 30.14 | 60 | 54 | S | 2 | 6 | 2 |
| Malin Head ... | 29.74 | 57 | 57 | SW | 4 | 0 | 3 | London ... | | | | | | | * |
| Mullaghmore ... | | | | | | | | Yarmouth ... | | | | | | | |
| Belmullet ... | 29.80 | 57 | 57 | SW | 5 | 0 | # | Rochefort ... | 30.12 | 75 | 70 | NHE | 3 | 6 | * |
| Holyhead ... | 29.92 | 57 | 54 | SW | 6 | 09 | 5 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over nearly the whole of the Continent and the greater part of England, dull and showery in Ireland, Scotland and Norway. Considerable rain later at Porto, and in the NW of Ireland and smaller quantities in the west and north generally; thunderstorm at Lisbon.

Temperature risen considerably over Scotland and Ireland, fallen over central Europe and in Sweden, morning readings exceeding 70° at most of the Mediterranean stations, exceeding 60° over 5th and 56th Europe generally, much lower over central and Nth Europe and lowest of all 44° at Porto, Moscow, and Cambridge, 45° at Kuopio and Helsingfors, 47° at Haparanda, 48° at Stockholm. Rising later to between 60° and 67° over England and the east of Scotland to 70° and more over France, to 86° at Biarritz.

Wind very light and variable over the greater part of Continental Europe, but S^W to W³ over the NWth and Nth countries, moderate to strong in force at the Irish, Scotch and Norwegian stations and at the northern extremity of the Gulf of Bothnia, very moderate over the Baltic. Decreasing in force in Scotland and Ireland later, little change elsewhere.

Barometer 30.3 ins. and more to 30.1 ins. in a large anticyclone covering Germany, Austria, France and England and 30.4 ins. and more to 30.1 ins. in a similar system covering the Sth half of Russia. Lowest 29.4 ins. and less off England and the Hebrides peninsula; 29.5 ins. and less to the northward of Scotland; gradients somewhat steep in the NW and N of our Islands and over Scandinavia. Falling later both over the United Kingdom and Nth Europe, little changed elsewhere.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD FROM THE 11TH TO 17TH SEPT. 1892.

The weather of last week was mostly fair and dry over the eastern, central and southern parts of the United Kingdom but changeable and unsettled in the west and extreme north, with heavy falls of rain at some of the Irish stations.

During the greater part of the time barometrical pressure was highest in a large anticyclone lying over Germany and the south of France, and lowest in a series of depressions which either skirted or passed immediately over our northwestern and northern coasts. The prevailing winds have therefore been SW² to W² or NW². The two most important disturbances observed were—

1. A depression—shallow at first but of growing intensity which formed over Scotland on the night of the 12th and which afterwards travelled away in a NE² direction to the north of Scandinavia. The system was not of sufficient depth to occasion any serious increase of wind on our coasts but its development was attended by heavy falls of rain over the northern parts of Scotland and Ireland.

2. A more serious disturbance which approached off our northwest coasts on the evening of the 15th. The centre of this system skirted the NW and N of Scotland on the 16th and afterwards travelled away to Scandinavia, its progress being accompanied by strong S² to W² or NW² gales on almost all our northern coasts. The amount of rainfall was nowhere very large but in the rear of the disturbance lightning was seen in some parts of Scotland.

As the depression passed away an anticyclone approached over the southwest of our Islands, but at the close of the week a new depression was beginning to approach our northwest coasts. The wind was therefore increasing to a gale in the extreme north and northwest, with heavy rain in the north of Ireland.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

“ Weekly “ “ “ £1 10 0 “

DAILY WEATHER REPORT

for 8 a.m. on Tuesday, 20th September.

1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|---------------------|--------------------------|--|-------|----------------------------------|-----------|----------|---|-------------|------------------|----------------------------------|------------------------------|-----------|---------------|----------|-------------|--------------------------------|---------------------|--------|------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | | Dircc. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yesterday Morn. | Dry Bulb. | | | Wet Bulb. | Change in dry since Yesterday. | | Dircc. | Force (0 to 12). | Max. | Min. |
| | | Ins. | ° | | | | Ins. | ° | ° | ° | | | | | | ° | ins. | | | | |
| SCANDINAVIA. | Haparanda ... | 29.10 | 50 | SW | 6 | r | 29.93 | -54 | 44 | 43 | -6 | W | 4 | c | * | 7 | 54 | 0.47 | | | |
| | Hernösand ... | 29.20 | 49 | S | 4 | bc | 29.34 | -18 | 41 | 38 | -10 | W | 4 | b | * | bc | 52 | 0.20 | | | |
| | Stockholm ... | 29.49 | 53 | SW | 4 | r | 29.60 | -15 | 57 | 45 | -1 | W | 8 | b | * | 7 | 63 | — | | | |
| | Wisby ... | 29.65 | 55 | SW | 8 | o | 29.81 | -09 | 52 | 47 | -2 | WNW | 10 | b | * | o | 53 | 0.08 | | | |
| | Bodö ... | 29.02 | 47 | SW | 7 | r | 29.09 | -11 | 44 | 42 | -6 | WNW | 6 | r | 3 | 7 | 52 | 0.16 | | | |
| | Christiansund... | 29.25 | 46 | WNW | 9 | r | 29.77 | +52 | 42 | 39 | -10 | WNW | 9 | r | 7 | 7 | 48 | 0.79 | | | |
| | Skudesnaes ... | 29.72 | 50 | WNW | 4 | o | 29.99 | +57 | 44 | 44 | -7 | WNW | 5 | r | 4 | o | 55 | — | | | |
| | Christiania Fjord (Færd) | 29.50 | 57 | WNW | 6 | b | 29.80 | +25 | 52 | 44 | -3 | W | 5 | c | 4 | b | 57 | — | | | |
| | Skagen (The Scaw) | 29.71 | 51 | WNW | 6 | b | 29.90 | +22 | 51 | 46 | -2 | W | 5 | o | 3 | b | 57 | 0.32 | | | |
| | Fanö ... | 29.88 | 57 | WNW | 4 | o | 30.00 | +20 | 53 | 52 | -4 | NE | 1 | o | * | o | 57 | — | | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.68 | 46 | WNW | 6 | c | 30.10 | +73 | 44 | 39 | -2 | WNW | 3 | c | 4 | c | 50 | — | | | |
| | Stornoway ... | 29.83 | 49 | W | 3 | c | 30.15 | +53 | 46 | 43 | -1 | E | 2 | c | 4 | c | 51 | — | | | |
| | Wick ... | 29.86 | 50 | WNW | 3 | bc | 30.18 | +64 | 42 | 40 | -7 | N | 2 | bc | 1 | bc | 52 | — | | | |
| | Nairn ... | 29.89 | 49 | SW | 1 | b | 30.09 | +54 | 42 | 40 | -14 | Z | 0 | o | 1 | b | 52 | 0.01 | | | |
| | Aberdeen ... | 29.88 | 48 | WNW | 3 | bc | 30.16 | +56 | 44 | 44 | -9 | WNW | 2 | bc | 2 | ggpbc | 63 | 0.02 | | | |
| | Leith ... | 29.85 | 56 | WNW | 2 | c | 30.12 | +46 | 45 | 46 | -8 | E | 2 | o | * | c | 62 | 0.03 | | | |
| | Shields ... | 29.87 | 53 | SW | 2 | c | 30.07 | +52 | 45 | 44 | -8 | NNE | 4 | r | 3 | c, r | 63 | 0.21 | | | |
| | Spurn Head ... | 29.92 | 61 | WNW | 1 | o | 29.98 | +13 | 56 | 56 | -1 | N | 2 | om | 1 | o | 64 | — | | | |
| | York ... | 29.91 | 60 | SW | 1 | o | 30.01 | +15 | 54 | 52 | -4 | NE | 1 | o | * | o | 62 | — | | | |
| | Loughborough | 29.96 | 61 | SW | 2 | c | 29.97 | +04 | 58 | 57 | 0 | Z | 0 | om | * | c | 65 | — | | | |
| GERMANY & HOLLAND. | Ardrossan ... | 29.87 | 53 | WNW | 1 | c | 30.06 | +33 | 44 | 47 | -7 | NE | 2 | c | 1 | o, c | 57 | 0.05 | | | |
| | Malin Head ... | 29.87 | 51 | N | 4 | omr | 30.03 | +32 | 50 | 49 | -5 | NNE | 4 | o | 2 | omr | 56 | — | | | |
| | Mullaghmore ... | 29.91 | 54 | WNW | 4 | omg | 30.03 | +25 | 50 | 44 | -6 | E | 4 | og | 3 | o, o, ogm | 58 | 0.14 | | | |
| | Belmullet ... | 29.92 | 55 | WNW | 2 | r | 30.04 | +23 | 51 | 49 | -3 | NE | 2 | o | * | o, r | 57 | 0.12 | | | |
| | Donaghadee ... | 29.87 | 53 | SW | 2 | om | 30.03 | +23 | 51 | 49 | -2 | NNE | 4 | c | 2 | om | 57 | 0.08 | | | |
| | Liverpool (Bldston) | 29.94 | 58 | W | 1 | o | 29.96 | +09 | 57 | 56 | -2 | ESE | 1 | of | 1 | o | 62 | 0.02 | | | |
| | Holyhead ... | 29.92 | 57 | SW | 2 | bc m | 29.96 | +11 | 55 | 54 | -3 | NE | 4 | og | 3 | c, bc m | 63 | 0.05 | | | |
| | Parsonstown ... | 29.90 | 50 | Z | 0 | o | 29.96 | +09 | 52 | 51 | -3 | SW | 1 | o | * | o | 62 | 0.08 | | | |
| | Valencia ... | 29.94 | 58 | SW | 1 | o | 29.92 | -02 | 55 | 53 | -3 | NE | 4 | og | 4 | bc o | 61 | — | | | |
| | Roche's Point | 29.94 | 57 | WNW | 2 | o | 29.88 | -04 | 56 | 56 | -2 | ESE | 3 | r m | 3 | o, r | 60 | 0.80 | | | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 29.96 | 58 | SW | 4 | o | 29.92 | -04 | 58 | 57 | 0 | S | 1 | r o | 2 | o | 55 | 0.03 | | | |
| | Scilly ... | 30.00 | 61 | SW | 1 | c | 29.92 | -10 | 59 | 58 | -1 | SW | 1 | o, r | 3 | bc m | 66 | 0.11 | | | |
| | Prawle Point ... | 30.01 | 58 | WNW | 1 | c | 29.87 | -16 | 62 | 59 | +3 | WNW | 1 | b | 3 | c, bc | 63 | 0.01 | | | |
| | Jersey (St. Aubin's) | 30.04 | 71 | S | 2 | bc m | 29.93 | -15 | 64 | 63 | +3 | SW | 3 | of | 3 | bc m | 71 | 0.09 | | | |
| | Hurst Castle ... | 30.02 | 62 | SW | 4 | c | 29.92 | -13 | 61 | 57 | 0 | NE | 2 | bc | 1 | bc, bc | 59 | 0.02 | | | |
| | Dungeness ... | 30.02 | 62 | WNW | 3 | bc | 29.93 | -09 | 63 | 62 | 0 | S | 2 | of | 2 | bc, bc | 67 | 0.02 | | | |
| | North Foreland | 30.00 | 63 | SW | 2 | bc | 29.97 | -03 | 61 | 60 | 0 | E | 1 | r, bc | 2 | bc, bc | 71 | 0.02 | | | |
| | London ... | 30.01 | 64 | SW | 2 | b | 29.96 | -06 | 56 | 54 | -2 | ESE | 1 | m, bc | * | bc, bc | 72 | 0.08 | | | |
| | Oxford ... | 30.01 | 61 | SW | 1 | b | 29.95 | -04 | 56 | 55 | 0 | N | 2 | o | * | o | 68 | 0.09 | | | |
| | Cambridge ... | 29.98 | 64 | SW | 1 | o | 30.01 | +04 | 55 | 55 | -4 | Z | 0 | b | * | o | 67 | 0.35 | | | |
| PENINSULA. | Yarmouth ... | 29.96 | 63 | W | 3 | c m | 29.97 | +04 | 57 | 56 | 0 | WNW | 1 | cm | 2 | bc m | 65 | 0.02 | | | |
| | Cuxhaven ... | 29.91 | 57 | W | 3 | o | 30.00 | +08 | 57 | 56 | +9 | SW | 2 | c | * | o | 61 | — | | | |
| | Berlin ... | 30.03 | 60 | SW | 2 | b | 30.11 | +04 | 59 | 56 | +13 | W | 1 | b | * | o | 68 | — | | | |
| | Wiesbaden ... | 30.03 | 57 | SE | 2 | b | 30.17 | +01 | 53 | 51 | +5 | Z | 0 | b | * | o | 68 | — | | | |
| | Munich ... | 30.23 | 57 | SE | 2 | b | 30.25 | +04 | 54 | 53 | -1 | Z | 0 | b | * | o | 68 | — | | | |
| | The Helder ... | 30.03 | 60 | WNW | 1 | bc | 30.05 | +08 | 58 | 57 | +1 | SW | 1 | c | 1 | bc | 63 | — | | | |
| | Brussels (9 a.m.) | * | * | * | * | * | 30.04 | -05 | 62 | 57 | +6 | SE | 2 | c | * | b | 71 | — | | | |
| | Cape Gris Nez | 30.01 | 60 | SW | 2 | c | 29.93 | -04 | 63 | 58 | +4 | S | 2 | c | 2 | c | 66 | — | | | |
| | Paris ... | 30.06 | 68 | SE | 2 | b | 30.04 | -10 | 55 | 56 | +11 | SE | 2 | c | * | b | 78 | — | | | |
| | Brest ... | 30.02 | 67 | Z | 0 | bc | 30.02 | -10 | 60 | 60 | +1 | SW | 2 | m | 2 | bc | 75 | — | | | |
| FRANCE AND BELGIUM. | Lorient ... | 30.02 | 70 | SE | 1 | bc | 30.01 | -06 | 62 | 62 | +6 | SW | 2 | o | 2 | bc | 75 | 0.04 | | | |
| | Rochefort ... | 30.01 | 76 | WNW | 2 | b | 30.00 | -07 | 66 | 66 | +3 | SW | 2 | o | * | b | 93 | — | | | |
| | Belfort ... | 30.01 | 79 | W | 4 | bc | 30.01 | -07 | 63 | 56 | +1 | E | 2 | o | * | bc | 77 | — | | | |
| | Lyons ... | 30.09 | 74 | WNW | 1 | b | 30.13 | -12 | 60 | 56 | +1 | WNW | 1 | b | * | b | 82 | — | | | |
| | Nice ... | 30.06 | 67 | Z | 0 | b | 30.13 | +04 | 70 | 62 | +6 | NE | 1 | b | * | b | 75 | — | | | |
| | Perpignan ... | 30.06 | 68 | Z | 0 | b | 30.12 | +02 | 63 | 61 | 0 | W | 2 | b | * | b | 83 | — | | | |
| | Biarritz ... | 30.05 | 69 | SE | 2 | b | 30.07 | +05 | 65 | 66 | +1 | WNW | 3 | of | 1 | b | 72 | — | | | |
| | Corunna ... | 30.11 | 69 | N | 1 | b | 30.11 | +02 | 66 | 63 | -1 | NNE | 2 | o | * | b | 75 | 0.08 | | | |
| | Lisbon ... | 30.11 | 69 | N | 1 | b | 30.11 | +02 | 66 | 63 | -1 | NNE | 2 | o | * | b | 75 | 0.08 | | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday, 20th Sept. 1892.

BAROMETER, WIND AND 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.

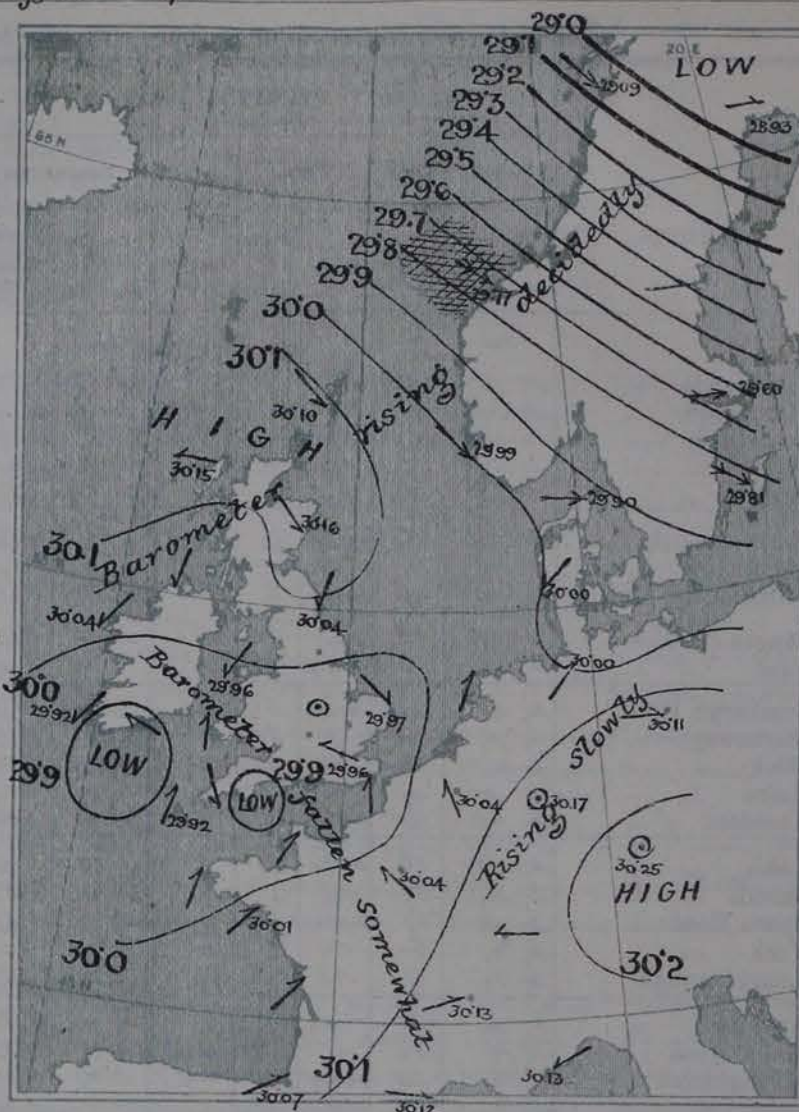
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September.
During the 20 Years 1871–1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.819 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Rocha's Point | 29.910 |
| Fembroke | 29.948 |
| Sailly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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.

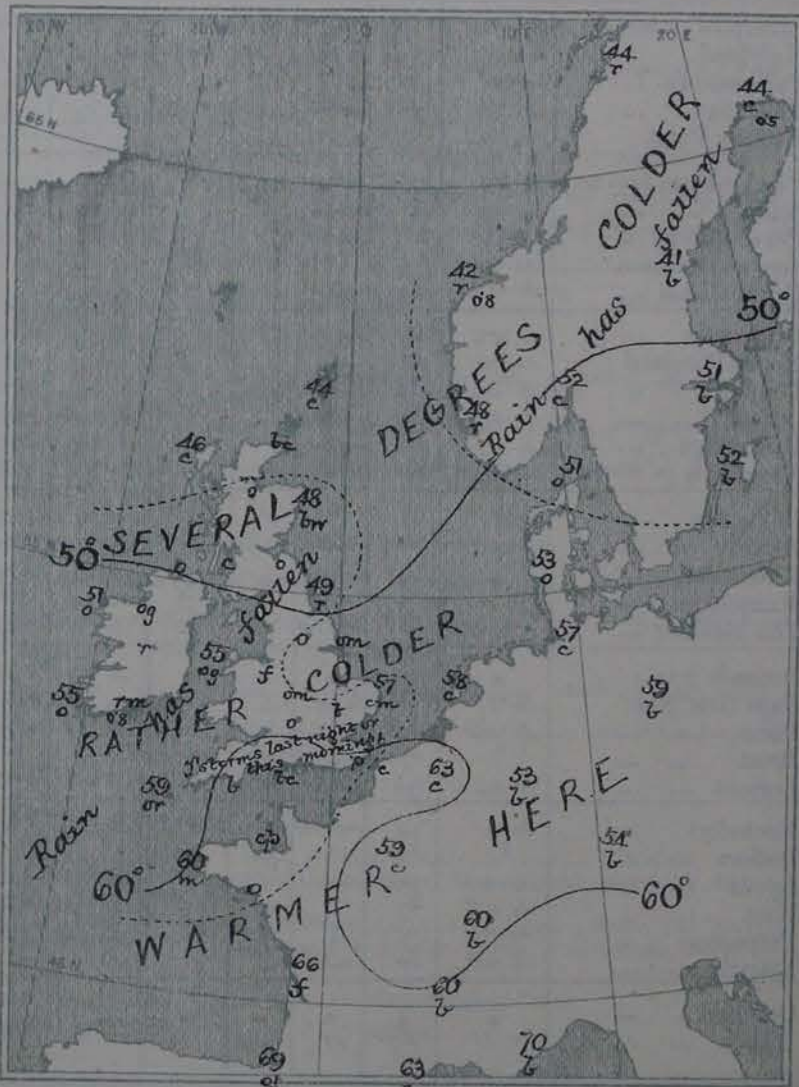
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|--------------------|---------------|---------------|-----------|------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. | | |
| | | | Dry. | Wet. | |
| Sumburgh Head..... | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway..... | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick..... | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn..... | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen..... | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith..... | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields..... | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head..... | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York..... | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough..... | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan..... | 59.0 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore..... | 60.2 | 50.9 | 54.0 | 51.5 | 4.35 |
| Donaghadee..... | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead..... | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool..... | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown..... | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia..... | 61.8 | 51.5 | 55.5 | 54.2 | 4.53 |
| Roche's Point..... | 61.7 | 51.0 | 55.5 | 54.4 | 4.08 |
| Pembroke..... | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Sailly..... | 61.8 | 51.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point..... | 62.4 | 52.2 | 57.0 | 55.2 | 2.40 |
| Jersey..... | 65.4 | 54.8 | 59.9 | 57.9 | 3.05 |
| Hurst Castle..... | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover..... | 63.4 | 52.9 | 57.7 | 56.2 | 2.64 |
| LONDON..... | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford..... | 64.6 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge..... | 65.6 | 48.1 | 54.6 | 53.0 | 2.26 |
| Yarmouth..... | 62.1 | 51.4 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871–90, the Rainfall means are mainly those for the 25 years 1866–90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.2 in: and upwards, in an anticyclone lying over South Germany; 30.1 in: and upwards in another system lying over the north and east of Scotland.
 Lowest, 29.0 in: and less, in a deep depression over Lapland. Shallow disturbances with readings below 29.5 in: are lying over our south and southwest coasts.
 Gradients rather steep over Scandinavia; slight and irregular elsewhere.
 Barometer falling slightly in the extreme south of our Islands and the north of France, but rising in nearly all other localities.

TEMPERATURE

Highest, 70° at Nice, 69° at Biarritz, 66° at Rochefort and Brest, 64° at Jersey, and 63° at Lorient, Cherbourg, Brest, and Lorient.
 Lowest 41° at Helsingfors, 42° at Christiania, Wick, and Skien, and 44° at Haparanda, Bodö, and Luleå.
 During yesterday the thermometer rose to 71° at Jersey and the North Island, and to 72° in London.

WIND

Light to moderate from the N^W or NE^W over the greater part of the United Kingdom, but variable in the south of England.
 S^W or SW^W over France and the Netherlands; calm or variable in Germany.
 Stronger to a gale from the W^W or NW^W at many of the Scandinavian stations.

WEATHER

Fine in the north of Scotland, as well as in Sweden, Germany, and the south of France.
 Cloudy or overcast elsewhere, with rain or passing showers over the southern parts of Ireland and England, and with thunder at Limerick and the North Island. Rain is falling in the west of Norway.
 Since last evening thunderstorms have occurred in the south of England, and heavy rain in the south of Ireland (0.8 in. at Cork).

SEA

Slight or smooth on nearly all coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The shallow depressions over our southern districts will probably occasion further showers in many parts of England, with thunder locally. As the disturbances move southwards the wind is likely to shift to the NE^W, with fair but cooler weather.

FORECASTS

For the 24 hours ending at NOON on 21ST SEPT: 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

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

N^W and NE^W winds, light, fair, cool.
 NE^W winds, light, some rain at first then fair.
 Variable breezes, finally NE^W; changeable, some showers, thunder locally. Becoming cooler.

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

Same as N^W 0 and 1.
 Same as N^W 2
 S^W winds, shifting to the NE^W, dull and rainy at first, some improvement later.
 Same as N^W 0 and 1.
 NE^W winds, light or moderate; dull and rainy to fair.

WARNINGS

None issued

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|-----------------|----|------|------|--------------------|-------|-------|------|-----------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 29.57 | 55 | 53 | WNW | 7 | c | 5 | Valencia ... | 29.94 | 61 | 58 | WNW | 2 | bc | 1 |
| Sumburgh Head ... | 29.52 | 49 | 45 | WNW | 5 | c | 6 | Scilly ... | 29.02 | 65 | 61 | WNW | 3 | bc | 3 |
| Stornoway ... | 29.50 | 51 | 45 | W | 4 | c | 4 | Jersey ... | 29.08 | 70 | 66 | W | 0 | bc | 0 |
| Aberdeen ... | 29.76 | 53 | 49 | WNW | 4 | c | 3 | Hurst Castle ... | 29.05 | 66 | 62 | WNW | 5 | bc | 2 |
| Shields ... | 29.58 | 62 | 58 | WNW | 3 | c | 2 | Dungeness ... | 29.03 | 66 | 62 | WNW | 4 | bc | 3 |
| Ardrossan ... | 29.87 | 57 | 53 | WNW | 4 | c | 3 | North Foreland ... | 29.99 | 70 | 62 | W | 5 | bc | 3 |
| Malin Head ... | 29.81 | 55 | 53 | W | 1 | c | 1 | London ... | 29.00 | 71 | 65 | WNW | 2 | bc | * |
| Mullaghmore ... | 29.82 | 55 | 53 | WNW | 4 | c | 2 | Yarmouth ... | 29.90 | 65 | 61 | WNW | 4 | bc | 3 |
| Belmullet ... | 29.90 | 57 | 54 | WNW | 1 | c | * | Rochefort ... | 29.06 | 52 | 76 | W | 1 | bc | * |
| Holyhead ... | 29.90 | 61 | 59 | WNW | 2 | c | 3 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning continuing fine and bright over southeastern, southern, and western Europe, including the southeastern part of England; dull and unsettled in the north and west, with rain in several parts of Scandinavia, Scotland, and Ireland; fog prevalent in some parts of Germany and France. Heavy rain later in some parts of Norway, showers at most of the Scotch and Irish stations, thunder, lightning, and rain still later over the southern part of England.

Temperature risen decidedly over England, and slightly in some parts of France, fallen over Germany. Morning readings 70° to 80° over Algeria, 80° at Barcelona, and exceeding 70° at Palma, Malta, Brindisi, Legna, and Constantinople; much lower over Europe and the British Islands generally, but exceeding 60° on the south coast of England. Lowest of all (1) 42° at Archangel, 45° at Uleaborg, 46° at Sumburgh Hd, 49° at St. Petersburg; (2) 44° at Prague, 46° at Breslau and Berlin, 48° at Paris and Westaden; (3) 46° at Kharkov. Rising later to 70° and more over the south of England and north of France, to 83° at Perpignan, and to 93° at Rochefort.

Winds light and variable over Eastern, southern, and central Europe, light E³ and SE³ over the Bay of Biscay; W³ to SW³ over the British Islands and North Sea (a gale in the south of Norway), S³ over Finland and the Gulf of Bothnia. Little change later.

Barometer highest 30.2 ins. and more to 30.0 ins. over nearly the whole of the southern half of Europe, including the southern counties of England. Lowest 29.2 ins. and less off the northwest coast of Norway; gradients moderate over the United Kingdom, the North Sea, the Baltic, and Scandinavia. Shallow local depressions over Hungary and Dalmatia. Rising at our northern stations later, falling in France and the south of England.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Wednesday 21st September. 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|--------------------------------|--|-------|---|--------------|----------|---|---------------------|---|--|--------------|--------------|--------------------------------------|------------------|-------------|---------------------|----------------|------------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Shade Temp. | | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dirac. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | Dirac. | Force (0 to 12). | Weather. | | Max. | Min. |
| Ins. | | ° | | | | Ins. | ° | ° | ° | | | | | | ° | Ins. | | | | |
| SCANDINAVIA. | Haparanda ... | 29.30 | 40 | NW | 4 | b | 29.60 | +7.5 | 39 | 34 | -5 | NW | 4 | b | * | b | 50 | 37 | 0.16 | |
| | Hernösand ... | 29.86 | 40 | W | 6 | b | 29.10 | +7.6 | 43 | 40 | +2 | W | 4 | c | * | b | 46 | 36 | — | |
| | Stockholm ... | 29.00 | 44 | NW | 4 | b | 29.26 | +6.6 | 43 | 37 | -6 | NW | 2 | b | * | b | 61 | 43 | — | |
| | Wisby ... | 29.02 | 53 | NW | 6 | b | 29.31 | +5.0 | 47 | 41 | -5 | ENE | 4 | b | * | b | 2 | 46 | — | |
| | Bodö ... | 29.66 | 37 | NW | 7 | o | 29.74 | +6.5 | 42 | 41 | -2 | NW | 6 | T | * | o | 45 | 36 | 0.04 | |
| | Christiansund... | 29.11 | 44 | NW | 8 | T | 29.13 | +3.6 | 45 | 40 | +3 | SW | 6 | o | * | T | 45 | 43 | 0.01 | |
| | Skudesnaes ... | 29.19 | 44 | NNE | 2 | b | 29.27 | +2.8 | 43 | 41 | -5 | NNE | 2 | b | * | c, b | 50 | 37 | — | |
| | Christiania Fjord (Færdler) | 29.08 | 51 | NW | 3 | b | 29.26 | +4.6 | 47 | 44 | -5 | NNE | 3 | b | * | b | 57 | 46 | — | |
| | Skagen (The Seaw) | 29.07 | 51 | NE | 1 | b | 29.25 | +3.5 | 52 | 48 | +1 | NNE | 1 | c | * | b | 57 | 48 | — | |
| | Fanö ... | 29.14 | 47 | N | 1 | b | 29.14 | +1.4 | 48 | 46 | -5 | ENE | 4 | c | * | b | 55 | 45 | — | |
| ISLANDS. | Sumburgh Head | 29.22 | 43 | 2 | 0 | b | 29.22 | +1.2 | 47 | 44 | +3 | SW | 2 | c | * | b, b | 47 | 36 | — | |
| | Stornoway ... | 29.19 | 46 | 2 | 0 | b | 29.25 | +1.0 | 47 | 46 | +1 | 2 | 0 | o | * | b | 52 | 34 | — | |
| | Wick ... | 29.25 | 48 | NW | 2 | b | 29.25 | +0.7 | 41 | 40 | -1 | 2 | 0 | b | * | b | 58 | 34 | — | |
| | Nairn ... | 29.22 | 44 | 2 | 0 | b | 29.27 | +1.8 | 36 | 34 | -6 | 2 | 0 | b | * | b | 52 | 25 | — | |
| | Aberdeen ... | 29.26 | 45 | E | 2 | b | 29.31 | +1.5 | 40 | 38 | -2 | NW | 2 | b | * | b, b | 53 | 32 | — | |
| | Leith ... | 29.21 | 45 | E | 4 | o | 29.28 | +1.6 | 48 | 44 | -1 | ENE | 3 | o | * | o | 53 | 47 | — | |
| | Shields ... | 29.15 | 52 | ENE | 3 | o | 29.21 | +1.4 | 51 | 48 | +2 | NNE | 3 | c | * | T, c, o | 52 | 47 | 0.06 | |
| | Spurn Head ... | 29.36 | 54 | ENE | 7 | o | 29.06 | +0.8 | 53 | 52 | -3 | NE | 7 | o | * | o, T | 56 | 52 | 0.36 | |
| | York ... | 29.07 | 52 | NE | 3 | T | 29.14 | +1.3 | 51 | 49 | -3 | ENE | 3 | T | * | T | 55 | 49 | 0.05 | |
| | Loughborough | 29.35 | 53 | NE | 4 | T | 29.04 | +0.7 | 52 | 52 | -6 | NNE | 4 | ognd | * | T | 61 | 51 | 1.33 | |
| BRITISH ISLANDS. | Ardrossan ... | 29.14 | 50 | NE | 2 | c | 29.26 | +1.2 | 48 | 45 | 0 | NE | 1 | c | * | c | 54 | 42 | — | |
| | Malin Head ... | 29.11 | 53 | E | 4 | cm | 29.25 | +1.2 | 50 | 47 | 0 | ENE | 4 | b | * | o, cm | 56 | 48 | — | |
| | Mullaghmore ... | 29.08 | 53 | NE | 5 | cm | 29.26 | +1.3 | 48 | 46 | -1 | ENE | 3 | b | * | c, cm | 57 | 43 | — | |
| | Belmullet ... | 29.11 | 52 | ENE | 2 | b | 29.28 | +1.4 | 51 | 49 | 0 | ENE | 1 | b | * | o, b | 54 | 48 | — | |
| | Donaghadee ... | 29.10 | 53 | E | 6 | o | 29.24 | +1.1 | 50 | 46 | -1 | E | 6 | b | * | o | 59 | 48 | 0.01 | |
| | Liverpool (Bldston) | 29.00 | 52 | ENE | 5 | o | 29.13 | +1.7 | 45 | 48 | -3 | NE | 3 | o | * | o | 61 | 48 | 0.72 | |
| | Holyhead ... | 29.36 | 53 | E | 5 | mg | 29.14 | +1.8 | 51 | 53 | -4 | ENE | 5 | mg | * | mg | 58 | 51 | 0.22 | |
| | Parsonstown ... | 29.39 | 52 | NW | 1 | T | 29.20 | +2.4 | 47 | 46 | -5 | 2 | 0 | o | * | T | 52 | 46 | 0.28 | |
| | Valencia ... | 29.02 | 58 | N | 6 | T | 29.22 | +3.0 | 54 | 51 | -1 | N | 3 | b | * | T | 55 | 51 | 0.05 | |
| | Roche's Point | 29.35 | 53 | NE | 3 | T | 29.14 | +2.6 | 53 | 51 | -3 | NW | 4 | c | * | T | 58 | 51 | 1.05 | |
| GERMANY & HOLLAND. | Pembroke (St. Ann's Hd.) | 29.38 | 55 | N | 2 | T | 29.02 | +1.0 | 53 | 51 | -5 | NNE | 4 | og | * | T | 58 | 53 | 0.42 | |
| | Scilly ... | 29.33 | 58 | SW | 2 | c | 29.35 | +0.3 | 59 | 58 | 0 | NNE | 4 | c | * | o, c | 61 | 57 | 0.14 | |
| | Prawle Point ... | 29.31 | 57 | S | 1 | T | 29.30 | +0.1 | 59 | 59 | -3 | NW | 2 | c | * | T | 65 | 54 | 1.40 | |
| | Jersey (St. Aubin's) | 29.35 | 63 | W | 3 | cm | 29.35 | +0.2 | 61 | 59 | -3 | SW | 4 | og | * | o, cm | 67 | 58 | 0.02 | |
| | Hurst Castle ... | 29.32 | 61 | W | 4 | b | 29.32 | 0.0 | 64 | 62 | +2 | SW | 1 | c | * | o, b | 64 | 66 | 0.18 | |
| | Dungeness ... | 29.30 | 62 | W | 3 | c | 29.38 | +0.5 | 63 | 62 | 0 | S | 2 | c | * | tl, c | 69 | 60 | 0.34 | |
| | North Foreland | 29.31 | 60 | S | 2 | T, c | 29.37 | 0.0 | 62 | 61 | +1 | S | 2 | c | * | p, tl, c | 63 | 58 | 0.15 | |
| | London ... | 29.39 | 62 | SW | 1 | og | 29.37 | +0.1 | 60 | 59 | +4 | ENE | 1 | o | * | cor, p | 72 | 58 | 0.05 | |
| | Oxford ... | 29.30 | 59 | NNE | 1 | T | 29.37 | +0.2 | 55 | 55 | -1 | NNE | 1 | T | * | tl, c | 65 | 55 | 0.25 | |
| | Cambridge ... | 29.33 | 63 | 2 | 0 | o | 29.37 | -0.4 | 59 | 59 | +4 | 2 | 0 | o | * | o | 64 | 54 | 0.31 | |
| FRANCE AND BELGIUM. | Yarmouth ... | 29.33 | 58 | ENE | 5 | c | 29.39 | +0.2 | 60 | 59 | +3 | S | 1 | cm | * | T, c | 60 | 55 | 0.38 | |
| | Cuxhaven ... | 29.04 | 58 | NE | 1 | o | 29.12 | +1.2 | 58 | 57 | +1 | E | 4 | T | * | o | 64 | 56 | 0.46 | |
| | Berlin ... | 29.08 | 65 | 2 | 0 | b | 29.13 | +0.2 | 59 | 57 | 0 | ENE | 1 | T | * | b | 72 | 57 | 0.04 | |
| | Wiesbaden ... | 29.17 | 65 | ENE | 3 | b | 29.10 | -0.7 | 62 | 60 | +2 | 2 | 0 | o | * | b | 70 | 58 | 0.12 | |
| | Munich ... | 29.24 | 65 | S | 4 | T | 29.24 | 0.0 | 60 | 58 | +6 | SW | 4 | c | * | b | 72 | 58 | — | |
| | The Helder ... | 29.04 | 59 | S | 4 | T | 29.05 | 0.0 | 58 | 56 | 0 | NE | 1 | f | * | T | 63 | 57 | 0.83 | |
| | Brussels (9 a.m.) | * | * | * | * | * | 29.06 | +0.2 | 62 | 62 | -1 | NE | 3 | c | * | T | 70 | 57 | ? | |
| | Cape Gris Nez | 29.33 | 60 | SW | 1 | T | 29.36 | +0.3 | 60 | 59 | -3 | S | 2 | o | * | T | 73 | 58 | 0.35 | |
| | Paris ... | 29.39 | 70 | SW | 2 | o | 29.08 | +0.4 | 59 | 58 | 0 | ENE | 2 | b | * | o | 73 | 58 | — | |
| | Brest ... | 29.39 | 62 | SW | 3 | f | 29.08 | 0.0 | 59 | 58 | -1 | NW | 3 | c | * | b | 73 | 58 | — | |
| PENINSULA. | Lorient ... | 29.01 | 65 | SW | 3 | C | 29.00 | -0.1 | 60 | 56 | -3 | W | 5 | b | * | b | 72 | 59 | — | |
| | Rocheport ... | 29.06 | 67 | W | 3 | c | 29.06 | +0.6 | 65 | 64 | -1 | NW | 3 | o | * | T, c | 77 | 63 | 0.12 | |
| | Belfort ... | 29.04 | 71 | E | 2 | c | 29.04 | 0.0 | 60 | 56 | 0 | E | 2 | o | * | c | 71 | 45 | 0.28 | |
| | Lyons ... | 29.04 | 71 | NW | 2 | b | 29.13 | 0.0 | 64 | 63 | +4 | NW | 1 | o | * | b | 76 | 58 | — | |
| | Nice ... | 29.10 | 71 | 2 | 0 | b | 29.13 | 0.0 | 65 | 58 | -1 | 2 | 0 | c | * | b | 81 | 66 | — | |
| | Perpignan ... | 29.12 | 66 | 2 | 0 | o | 29.13 | +0.1 | 65 | 65 | +2 | 2 | 0 | T | * | o | 77 | 63 | — | |
| | Biarritz ... | 29.06 | 71 | ENE | 3 | o | 29.11 | +0.4 | 66 | 66 | -3 | NW | 2 | o | * | o | 72 | 64 | 0.04 | |
| | Corunna ... | 29.08 | 71 | N | 3 | o | 29.03 | -0.5 | 67 | 65 | +1 | NNE | 3 | T | * | o | 79 | 66 | 0.16 | |
| | Lisbon ... | 29.08 | 71 | N | 3 | o | 29.03 | -0.5 | 67 | 65 | +1 | NNE | 3 | T | * | o | 79 | 66 | 0.16 | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Wednesday, 21st Sept 1892.

BAROMETER, WIND AND 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.

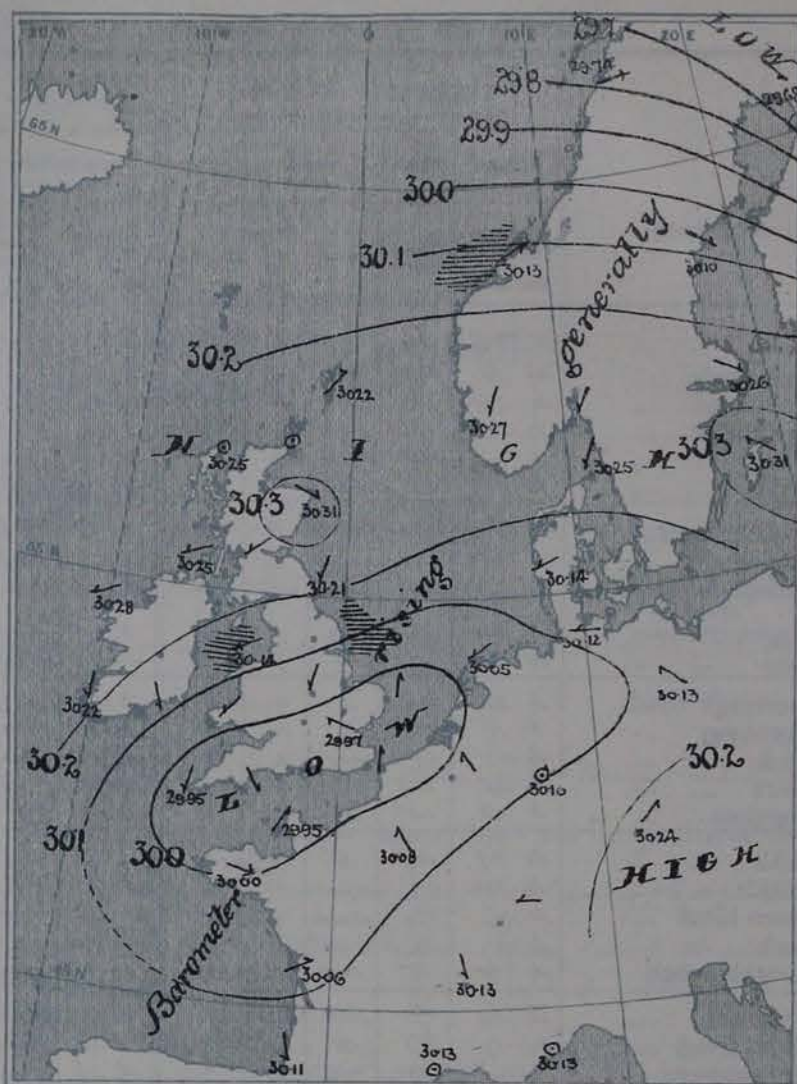
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years, 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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.

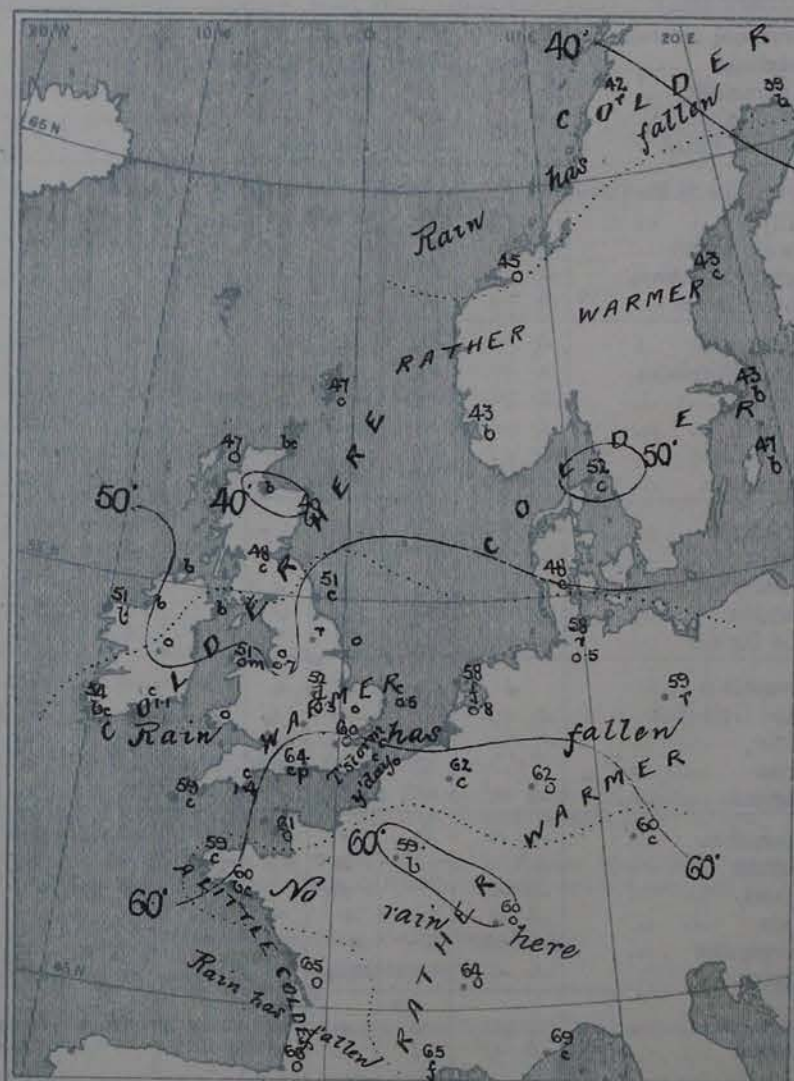
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|--------------------|---------------|---------------|-----------|------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. | | |
| | | | Dry. | Wet. | |
| Sumburgh Head..... | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick..... | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen..... | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith..... | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields..... | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head..... | 60.4 | 52.7 | 56.5 | 53.8 | 2.02 |
| York..... | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan..... | 59.8 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore..... | 60.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee..... | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead..... | 60.7 | 52.0 | 55.7 | 53.5 | 3.23 |
| Liverpool..... | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 52.0 | 51.1 | 3.10 |
| Valencia..... | 61.8 | 51.5 | 55.5 | 54.2 | 4.53 |
| Roche's Point..... | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke..... | 60.1 | 53.0 | 56.1 | 53.9 | 3.38 |
| Scilly..... | 61.8 | 54.7 | 58.4 | 56.3 | 3.11 |
| Prawle Point..... | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey..... | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle..... | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover..... | 63.4 | 52.0 | 57.7 | 55.2 | 2.84 |
| LONDON..... | 66.4 | 49.0 | 55.8 | 53.5 | 2.35 |
| Oxford..... | 64.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge..... | 65.6 | 48.1 | 54.0 | 53.0 | 2.26 |
| Yarmouth..... | 62.1 | 51.4 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 ins. and more to 30.2 ins. in a band stretching from the Baltic across Denmark and the North Sea to Scotland, the north of Ireland, and the neighbouring parts of the Atlantic.
Lowest, 30.0 ins. and less, in a complex depression lying over the Channel, the south of England and north of France.

Gradients very variable, both in direction and intensity — those over England being mainly favourable for NE. winds.

Barometer rising in our Islands and over Scandinavia, changing very little over France and Germany.

TEMPERATURE

Highest, 67° at Lisbon, 69° at Nice, 65° to 66° in the southwest of France.

Lowest, (1) 36° at Naen, 40° at Aberdeen; (2) 39° at Haparanda, 43° at Nisby, 48° at Jönköping.

It again rose to 72° in London yesterday, and to 69° at Augsburg, to between 70° and 72° in Germany, and to between 77° and 86° in the south of France. The night was very warm over the south of England.

WIND

(1) SW. strong in the northern part of Norway, W. moderate over Sweden.

(2) Calm and light W. to SW. in Scotland.

(3) NE. to N. over the greater part of Ireland and England, (moderate to strong) but S. on our extreme southeast coast.

(4) W. over the Bay of Biscay and extremely variable over France.

The NE. wind seems to be spreading southwards.

WEATHER

Fine over the northern and western parts of our Islands (after heavy rain) and also over Central France; cloudy and unsettled over England, the Netherlands and Germany, with rain in several places.

Thunder and lightning have again occurred in the southeast of England, and large quantities of rain have fallen in the northern and western parts of England and the south of Ireland.

SEA

Rough at Spurn Hd and Holyhead, moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

As the depression in the south passes off the weather is likely to clear up slowly over England, where a cold night is probable in most localities, and some local fogs.

FORECASTS

For the 24 hours ending at NOON on 22nd September, 1892.

DISTRICTS.

FORECASTS.

0 SCOTLAND NORTH

SW. breezes, freshening; fair to rainy.

1 SCOTLAND EAST

Wind shifting to SW, fine, milder.

2 ENGLAND N.E.

Same as N° 4

3 ENGLAND EAST

Same as N° 5.

4 MIDLAND COUNTIES

NE. winds, moderate; weather clearing gradually, colder.

5 ENGLAND SOUTH

S. to E. and NE. winds; very rainy, cooler.

DISTRICTS.

FORECASTS.

6 SCOTLAND WEST

Same as N° 1.

7 ENGLAND N.W.

E. winds, moderating; fair.

8 ENGLAND S.W.

N. and NW. breezes, becoming finer.

9 IRELAND NORTH

Same as N° 7.

10 IRELAND SOUTH

NW. breezes, light; fine.

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Direc. | P. | WEA. | SEA. | | BAR. | THER. | | WIND. Direc. | P. | WEA. | SEA. |
|-------------------|-------|-------|------|-----------------|----|------|------|--------------------|-------|-------|------|-----------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 30.12 | 53 | 43 | NW | 6 | c | 4 | Valencia ... | 29.87 | 52 | 53 | NNE | 6 | 79 | 5 |
| Sumburgh Head ... | 30.20 | 46 | 41 | 2 | 0 | bc | 3 | Scilly ... | 29.88 | 60 | 60 | S | 8 | 0 | 2 |
| Stornoway ... | 30.17 | 52 | 46 | E | 3 | b | 3 | Jersey ... | 29.86 | 66 | 66 | WNW | 3 | om | 3 |
| Aberdeen ... | 30.21 | 51 | 45 | ENE | 3 | b | 3 | Huret Castle ... | 29.81 | 63 | 61 | WNW | 3 | om | 1 |
| Shields ... | 30.13 | 53 | 53 | NE | 2 | c | 4 | Dungeness ... | 29.82 | 64 | 63 | SW | 3 | 7 | 2 |
| Ardrossan ... | 30.10 | 53 | 48 | NE | 2 | c | 1 | North Foreland ... | 29.80 | 61 | 61 | SE | 1 | 7 | 3 |
| Malin Head ... | 30.07 | 52 | 47 | ENE | 4 | 0 | 2 | London ... | 29.85 | 69 | 64 | SE | 2 | 0 | * |
| Mullaghmore ... | 30.06 | 53 | 49 | N | 4 | c | 3 | Yarmouth ... | 29.87 | 57 | 58 | ENE | 2 | c | 2 |
| Belmullet ... | 30.09 | 52 | 47 | NE | 4 | 0 | * | Rochefort ... | 30.06 | 66 | 65 | WNW | 4 | 7 | * |
| Holyhead ... | 29.94 | 56 | 55 | E | 5 | Trmg | 4 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather dull in most parts of the United Kingdom, as well as in Spain and the west of France, with steady rain on our southwest coasts, passing showers in the southeast of England, and thunder at Cambridge and the north of Ireland. Fine and bright in the northeast of Scotland and also over the greater part of the Continent, but dull over northern Russia and rainy in the west of Norway. Large quantities of rain falling during day in some parts of England, Holland, and the south of Ireland, — as much as 1.4 ins. at Hawke Point and 1.1 ins. at Loughborough. Thunder and lightning occurring over our southern and south-midland counties.

Temperature in morning highest 77° at Barcelona and Brindisi, 76° at Palma, and 73° at Lerma, Malta, and Aumale; above 70° at several of the Mediterranean and Adriatic stations, and above 60° over the English Channel. Lowest 41° at Haparanda, and 42° at Christiansund, Utsik and Naini; below 50° in Scotland and Scandinavia generally, but slightly above it in Finland. Daily maxima below 55° at several of our own northern stations, but thermometers exceeding 65° in the extreme south of England, and reaching 72° in London. Rising above 80° in the south of France, and reaching 86° at Lyons.

Winds light to moderate from N. or NE. over the greater part of the United Kingdom, but variable in the south of England, light from S. or SW. over France and the Netherlands. Strong to a gale from W. or NW. over Scandinavia and from SW. in the Gulf of Finland, light from S. over northern Russia. Light and variable over Austria and the southern parts of Russia and Germany; chiefly NE. in Italy; and SE. in Algeria. Light W. breezes setting in later at the Channel stations, wind shifting to the E. over the northern parts of the Kingdom; gale in Scandinavia subsiding quickly.

Barometer highest 30.10 ins. to 30.25 ins. in a broad anticyclonic band stretching from Spain and the western parts of the Mediterranean across the south of France, Germany, and Austria to the south of Russia; 30.1 ins. and upwards in another area lying over the north and east of Scotland. Lowest 29.0 ins. and less, in a deep depression passing eastwards over Lapland. Trough of relatively low readings (29.85 ins. to 30.0 ins.) with two or three distinct minima lying over Ireland, England, and the Channel, and moving slowly southwards during day.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 27th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|------------------------------|--|-------|---|--------------|----------|---|---------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------|------------------------|------|------|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dir. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dir. | Force (0 to 12). | | Max. | Min. |
| | | Inch. | ° | | | | Inch. | | ° | ° | ° | | | | | | ° | Inch. | | |
| SCANDINAVIA. | Haparanda ... | 29.71 | 44 | SW | 2 | b | 29.86 | +18 | 42 | 40 | +3 | NW | 2 | b | # | b | 46 | 32 | - | |
| | Hernösand ... | 30.07 | 45 | SW | 4 | c | 30.20 | +10 | 48 | 43 | +5 | NW | 6 | b | # | c | 52 | 34 | - | |
| | Stockholm ... | 30.23 | 44 | Z | 0 | b | 30.30 | +0.4 | 48 | 43 | +5 | W | 2 | b | # | b | 55 | 36 | - | |
| | Wisby ... | 30.30 | 43 | NW | 4 | b | 30.34 | +0.3 | 52 | 48 | +5 | NW | 4 | b | # | b | 54 | 39 | - | |
| | Bodö ... | 29.68 | 46 | SW | 6 | r | 30.01 | +2.7 | 45 | 44 | +3 | W | 6 | r | # | r | 46 | 41 | 0.35 | |
| | Christiansund... | 30.17 | 49 | SW | 8 | o | 30.33 | +2.0 | 52 | 49 | +4 | WSW | 5 | o | 5 | o | 52 | 45 | - | |
| | Skudesnaes ... | 30.33 | 47 | NNE | 3 | b | 30.36 | +0.9 | 45 | 42 | +2 | NNE | 1 | b | 2 | b | 55 | 39 | - | |
| | Christiania Fjord (Færdø) | 30.24 | 53 | WSW | 4 | b | 30.34 | +0.8 | 49 | 46 | +2 | N | 3 | b | # | b | 54 | 47 | - | |
| | Skagen (The Scaw) | ? | 42 | Z | 0 | b | 30.34 | +0.9 | 51 | 48 | -1 | Z | 0 | b | 0 | b | 59 | 39 | - | |
| | Fanö ... | 30.15 | 54 | ESE | 4 | o | 30.23 | +0.9 | 65 | 54 | +7 | ESE | 4 | o | # | o | 55 | 48 | - | |
| ISLANDS. | Sumburgh Head | 30.27 | 49 | W | 1 | b | 30.34 | +1.2 | 49 | 48 | +2 | S | 1 | b | 1 | b | 54 | 42 | - | |
| | Stornoway ... | 30.27 | 53 | W | 2 | b | 30.28 | +0.3 | 44 | 42 | -3 | Z | 0 | f | 2 | b | 56 | 34 | - | |
| | Wick ... | 30.33 | 54 | S | 2 | b | 30.33 | +0.8 | 50 | 48 | +2 | S | 3 | b | 1 | b | 56 | 39 | - | |
| | Nairn ... | 30.30 | 47 | Z | 0 | b | 30.32 | +0.5 | 38 | 38 | +2 | Z | 0 | b | 1 | b | 59 | 28 | - | |
| | Aberdeen ... | 30.35 | 44 | ESE | 1 | b | 30.39 | +0.8 | 39 | 38 | -1 | W | 2 | b | 1 | b | 51 | 32 | - | |
| | Leith ... | 30.32 | 48 | E | 2 | b | 30.36 | +0.8 | 48 | 45 | 0 | E | 1 | o | # | b | 54 | 39 | - | |
| | Shields ... | 30.27 | 51 | N | 3 | o | 30.34 | +1.3 | 53 | 50 | +2 | NE | 2 | c | 3 | c | 53 | 49 | - | |
| | Spurn Head ... | 30.13 | 53 | NNE | 5 | o | 30.24 | +1.8 | 53 | 53 | 0 | NNE | 4 | om | 5 | r | 53 | 51 | 0.06 | |
| | York ... | 30.21 | 52 | N | 3 | c | 30.30 | +1.6 | 49 | 47 | -2 | N | 2 | b | # | c | 54 | 45 | 0.02 | |
| | Loughborough | 30.15 | 51 | NNE | 4 | o | 30.26 | +2.2 | 51 | 50 | -1 | NNE | 3 | om | # | o | 53 | 49 | 0.08 | |
| BRITISH. | Ardrossan ... | 30.28 | 49 | NE | 1 | b | 30.34 | +0.8 | 45 | 44 | -3 | NE | 2 | b | 1 | o | 55 | 39 | - | |
| | Malin Head ... | 30.30 | 51 | ESE | 3 | b | 30.30 | +0.5 | 44 | 43 | -6 | SE | 3 | b | 1 | b | 53 | 41 | - | |
| | Mullaghmore ... | 30.26 | 55 | NE | 1 | b | 30.28 | +0.2 | 48 | 45 | -1 | ESE | 2 | b | 2 | b | 57 | 44 | - | |
| | Belmullet ... | 30.28 | 53 | ESE | 2 | b | 30.27 | -0.1 | 50 | 48 | -1 | ESE | 2 | c | # | b | 57 | 43 | - | |
| | Donaghadee ... | 30.25 | 54 | NE | 4 | b | 30.32 | +0.8 | 49 | 47 | -1 | E | 5 | b | 3 | b | 56 | 48 | - | |
| | Liverpool (Bldston) | 30.22 | 51 | NE | 3 | o | 30.30 | +1.7 | 48 | 46 | -1 | NNE | 1 | b | 2 | o | 53 | 45 | 0.04 | |
| | Holyhead ... | 30.19 | 54 | ESE | 3 | c | 30.25 | +1.1 | 52 | 49 | +1 | ESE | 4 | b | 3 | o | 55 | 49 | - | |
| | Parsonstown ... | 30.22 | 54 | Z | 0 | b | 30.26 | +0.6 | 45 | 44 | -2 | Z | 0 | f | # | b | 57 | 38 | - | |
| | Valencia ... | 30.23 | 57 | NE | 2 | b | 30.25 | +0.3 | 48 | 47 | -6 | NE | 1 | og | 1 | b | 59 | 40 | - | |
| | Roche's Point | 30.20 | 55 | NE | 3 | b | 30.23 | +0.9 | 54 | 52 | +1 | ESE | 2 | om | 3 | b | 60 | 50 | - | |
| GERMANY & HOLLAND. | Pembroke (St. Ann's Hd.) | 30.12 | 54 | ESE | 4 | c | 30.22 | +2.0 | 52 | 51 | -1 | ESE | 3 | og | 2 | c | 58 | 50 | - | |
| | Seilly ... | 30.07 | 58 | NNE | 4 | o | 30.16 | +2.1 | 57 | 54 | -2 | E | 4 | om | 3 | c | 59 | 53 | - | |
| | Prawle Point ... | 30.05 | 54 | ESE | 4 | c | 30.19 | +2.9 | 53 | 53 | -6 | ESE | 3 | o | 2 | cp | 64 | 52 | 0.07 | |
| | Jersey (St. Aubin's) | 30.07 | 63 | WNW | 1 | b | 30.15 | +2.0 | 61 | 58 | 0 | N | 2 | om | 2 | b | 67 | 56 | - | |
| | Hurst Castle ... | 30.01 | 60 | NNE | 3 | b | 30.18 | +2.6 | 56 | 55 | -8 | NNE | 3 | om | 1 | r | 68 | 55 | 0.19 | |
| | Dungeness ... | 29.97 | 62 | W | 3 | b | 30.12 | +1.4 | 60 | 60 | -3 | NNE | 3 | c | 1 | b | 66 | 52 | 0.27 | |
| | North Foreland | 29.99 | 60 | S | 2 | b | 30.12 | +1.5 | 60 | 59 | -2 | NE | 4 | og | 4 | cp | 63 | 57 | 0.32 | |
| | London ... | 30.01 | 60 | NNE | 1 | op | 30.17 | +2.0 | 57 | 56 | -3 | NNE | 2 | o | # | o | 68 | 56 | 0.32 | |
| | Oxford ... | 30.10 | 53 | NE | 2 | o | 30.22 | +2.5 | 52 | 52 | -3 | NNE | 2 | og | # | r | 58 | 51 | 0.51 | |
| | Cambridge ... | 30.05 | 65 | NE | 1 | r | 30.21 | +2.4 | 56 | 56 | -3 | NNE | 2 | o | # | tl | 63 | 54 | 1.53 | |
| FRANCE AND BELGIUM. | Yarmouth ... | 30.04 | 59 | ESE | 4 | c | 30.14 | +1.5 | 58 | 57 | -2 | NNE | 4 | o | 4 | c | 61 | 56 | 0.04 | |
| | Cuxhaven ... | 30.03 | 60 | E | 3 | o | 30.12 | 0.0 | 60 | 59 | +2 | E | 4 | o | # | o | 61 | 58 | 0.04 | |
| | Berlin ... | 30.10 | 62 | Z | 0 | b | 30.15 | +0.2 | 57 | 56 | -2 | Z | 0 | c | # | b | 66 | 54 | 0.12 | |
| | Wiesbaden ... | ? | ? | ? | ? | ? | 30.10 | 0.0 | 64 | 63 | +2 | SW | 1 | o | # | # | 73 | 61 | 0.47 | |
| | Munich ... | 30.18 | 62 | NE | 2 | o | 30.24 | 0.0 | 60 | 60 | 0 | E | 1 | o | # | o | 72 | 59 | 0.16 | |
| | The Helder ... | 30.09 | 59 | NE | 2 | tl | 30.14 | +0.9 | 59 | 59 | +1 | ESE | 1 | f | 1 | tl | 61 | 57 | 0.12 | |
| | Brussels (9 a.m.) | ? | ? | ? | ? | ? | 30.12 | +0.6 | 55 | 55 | -7 | SW | 2 | f | # | r | 71 | 53 | 0.28 | |
| | Cape Gris Nez | ? | 59 | S | 1 | b | 30.04 | +0.8 | 60 | 59 | 0 | NW | 2 | o | 2 | b | 66 | 58 | - | |
| | Paris ... | 30.04 | 63 | SW | 3 | b | 30.15 | +0.7 | 48 | 48 | -11 | Z | 0 | b | # | b | 75 | 46 | - | |
| | Brest ... | ? | 61 | NW | 2 | c | ? | ? | 55 | 54 | -4 | E | 2 | c | 1 | c | 68 | 50 | - | |
| PENINSULA. | Lorient ... | 30.04 | 62 | W | 3 | b | 30.12 | +1.2 | 55 | 54 | -5 | E | 4 | c | 2 | b | 60 | 55 | - | |
| | Rocheport ... | 30.06 | 65 | NW | 3 | o | 30.07 | +0.1 | 61 | 58 | -4 | E | 4 | o | # | c | 73 | 57 | - | |
| | Belfort ... | ? | 63 | W | 3 | r | ? | ? | 60 | 57 | 0 | W | 2 | r | # | r | 68 | 47 | 0.47 | |
| | Lyons ... | 30.10 | 68 | S | 1 | o | 30.18 | +0.5 | 62 | 59 | -2 | E | 1 | c | # | o | 72 | 60 | 0.08 | |
| | Nice ... | 30.15 | 69 | Z | 0 | b | 30.21 | +0.8 | 66 | 56 | -3 | SE | 1 | b | 0 | b | 84 | 63 | - | |
| | Perpignan ... | 30.12 | 67 | NE | 2 | o | 30.18 | +0.5 | 68 | 68 | +3 | SW | 2 | o | # | o | 73 | 65 | - | |
| | Biarritz ... | 30.03 | 69 | ESE | 3 | o | 30.06 | -0.5 | 69 | 67 | +3 | W | 1 | o | 3 | tl | 72 | 66 | 0.39 | |
| | Corunna ... | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | ? | |
| | Lisbon ... | 30.01 | 70 | SEW | 4 | o | 30.05 | +0.2 | 66 | 64 | -1 | NW | 1 | o | # | o | 77 | 64 | 0.35 | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Thursday, 22nd Sept: 1892.

BAROMETER, WIND AND 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.

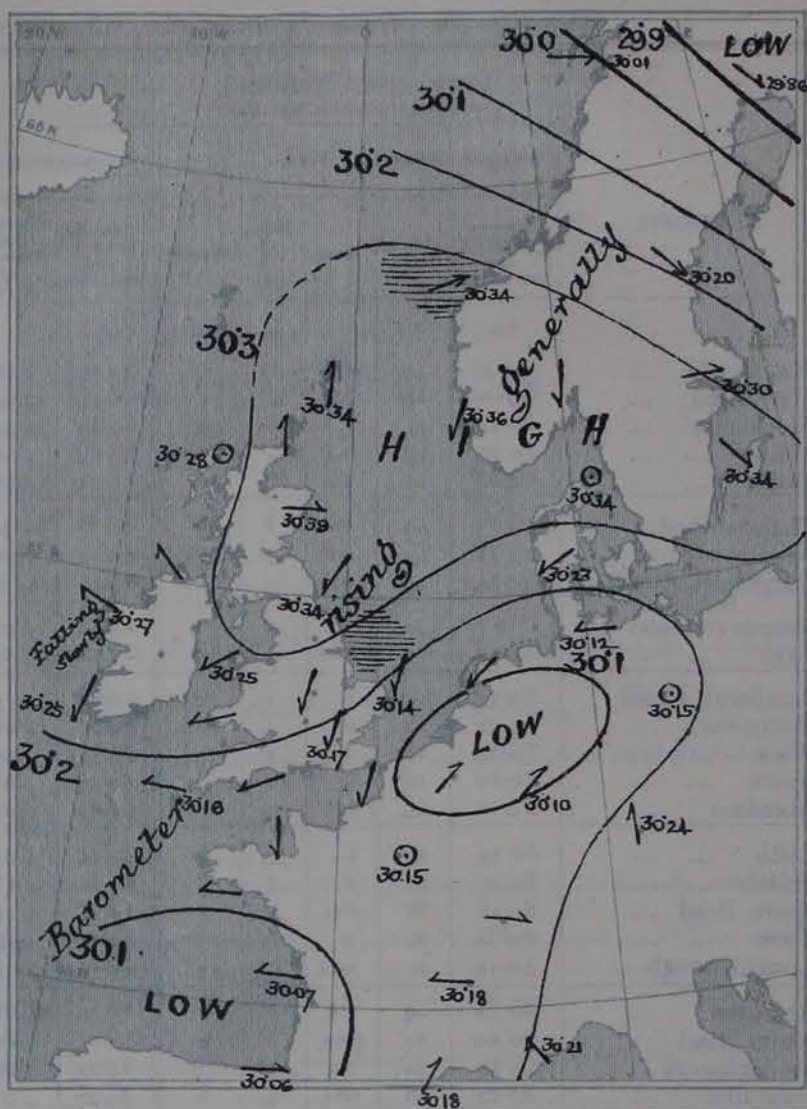
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Sternoway | 29.815 |
| Wick | 29.820 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.920 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Seilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and more to 30.2 in. in an anticyclone covering the greater part of our islands, the North Sea, Denmark, and the southern part of Sweden and Norway.

Lowest, 29.9 in. and less, over Finland and the Kola Peninsula, and 30.1 in. and less, over the Netherlands and also over the southwest of France.

Gradients slight to moderate and variable in direction.

Barometer rising in most places, but inclined to fall in the west of Ireland.

TEMPERATURE

Highest, 69° at Birmm, 68° at Perpignan, 66° at Lisbon and Nice, 60° at Dungeness.

Lowest, (1) 38° at Kairn, 39° at Aberdeen, 45° at Larne, (2) 42° at Haparanda, 45° at Bodö.

It is rising quickly in Scotland after having been very low in the night (28° at Kairn).

The maxima recorded yesterday were below 60° over our northern districts, but 60° to 68° in the south.

WIND

Extremely light and variable over Scotland, W^{ly} to N^{ly} in Norway; light E^{ly} over Ireland.

Over England it is light to moderate from the NE^{ast}, and E^{ly} over the western part of the Channel and Bay of Biscay.

A fresh gale, experienced at Christiansund last night has subsided.

WEATHER

Fine and dry, over Scotland and Ireland, with haze or fog in places; cloudy to overcast and gloomy over England with damp mist in several places; cloudy over France, foggy in the Netherlands.

Heavy thunderstorms were experienced in the east and south of England yesterday.

Aurora was seen in Scotland and Ireland last night.

SEA

Rather rough on our eastern coasts, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The weather seems likely to clear up gradually over England as the depression in the southeast fills up. A change of wind to the SE^{ast} and S^{ast} is probable over Ireland.

FORECASTS

For the 24 hours ending at NOON on 23rd September, 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND
NORTH

Variable airs and Calms, then SW^{ly} breezes, light; fine generally, fog in places.

1 SCOTLAND
EAST

2 ENGLAND
N.E.

NE^{ly} winds, light to moderate; weather clearing slowly. Cold tonight.

3 ENGLAND
EAST

4 MIDLAND
COUNTIES

5 ENGLAND
SOUTH

NE^{ly} breezes, moderate; fair, cold and clear tonight.

6 SCOTLAND
WEST

Same as Nos 0 and 1.

7 ENGLAND
N.W.

NE^{ly} breezes, light; fine.

8 ENGLAND
S.W.

Same as No 5.

9 IRELAND
NORTH

10 IRELAND
SOUTH

Variable airs and Calms; fine generally.

WARNINGS

None issued.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Dirac. | P. | WEA. | SEA. | | BAR. | THER. | | WIND. Dirac. | P. | WEA. | SEA. |
|-----------------|-------|-------|------|-----------------|----|------|------|-------------------|-------|-------|------|-----------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 30.31 | 55 | 46 | WNW | 2 | b | 2 | Valencia ... | 30.24 | 59 | 54 | ESE | 4 | b | 4 |
| Snibburgh Head | 30.25 | 52 | 48 | W | 3 | b | 3 | Scilly ... | 30.06 | 58 | 55 | ENE | 4 | c | 2 |
| Stornoway ... | 30.27 | 56 | 51 | S | 2 | bc | 3 | Jersey ... | 30.01 | 65 | 60 | N | 3 | bc | 3 |
| Aberdeen ... | 30.33 | 50 | 45 | ESE | 2 | b | 2 | Hurst Castle | 29.97 | 65 | 62 | WSW | 4 | b | 3 |
| Shields ... | 30.26 | 51 | 46 | ENE | 3 | c | 3 | Dungeness... | 29.97 | 65 | 62 | WSW | 4 | b | 3 |
| Ardrossan ... | 30.27 | 55 | 52 | NE | 1 | o | 0 | North Foreland... | 29.98 | 61 | 61 | SE | 2 | c | 2 |
| Malin Head ... | 30.30 | 52 | 47 | ENE | 2 | b | 1 | London ... | 29.96 | 66 | 61 | SSE | 2 | c | 3 |
| Mullaghmore ... | 30.28 | 56 | 51 | NE | 5 | b | 2 | Yarmouth ... | 30.02 | 61 | 60 | ENE | 3 | c | 3 |
| Belmullet ... | 30.30 | 57 | 51 | NE | 1 | b | # | Rochefort ... | 30.08 | 70 | 66 | WNW | 3 | c | # |
| Holyhead ... | 30.19 | 54 | 50 | ENE | 5 | og | 5 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather dull in most parts of England, France, and Germany, with rain in many places. Fine and bright at the Scotch and Irish stations, as well as over the greater part of Scandinavia, Russia, and southern Europe, but rainy at Rode and Archangel. Heavy rain falling later at many of the English, French and German stations — as much as 1.5 in. at Cambridge; thunder, lightning, and hail occurring in several parts of our southern and eastern counties.

Temperature highest 78° at Cagliari, 77° at Barcelona, and 73° at Tunis and Aumale; above 70° at most of the Mediterranean and Adriatic stations and above 60° over France and the Channel. Lowest (1) 36° at Narvik, 40° at Aberdeen, and 41° at Wick; (2) 39° at Uleaborg and Knapik, and 40° at Uleaborg. Daily maxima below 60° in all the more western and northern parts of the United Kingdom, but thermometer exceeding 65° in the extreme south of England, exceeding 70° in France and Germany, and reaching 84° at Nice.

Wind moderate to strong from NE. or N. over the greater part of Ireland and England, as well as on the eastern shores of the North Sea, but light from S. on our southeast coasts, and from the SWnd in the west of France. Calm or light SWth in Scotland. Strong from W. or NW. over the northern parts of Scandinavia and Russia, with a gale at Uleaborg. Light and variable over Austria, northern Italy, and the southern part of France and Russia. NEth in Spain, Algeria, and the southern parts of Italy. Subsequently shifting to the NEnd in the southeast of England, and veering to the NWnd in the coast of France.

Barometer highest 30.2 in. to 30.3 in. and more in an anticyclonic band stretching from the Atlantic across the northern parts of our Islands and the North Sea to the Baltic, and afterwards trending in a southeasterly direction to Austria and the south of Russia. Lowest 29.0 in. and less in a deep depression, the centre of which was passing eastwards across the White Sea; 30.0 in. and less, in a complex depression lying over the Channel, the south of England, and the north of France. Latter system moving slowly southwards during day and partially filling up; anticyclone in north spreading southwards.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

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DAILY WEATHER REPORT

for 8 a.m. on Friday, 23rd September,

1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|--------------------------|------------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|------------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dirac. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dirac. | Force (0 to 12). | | Max. | Min. |
| Ina. | | ° | | | | Ina. | | ° | ° | ° | | | | | | ° | ins. | | | |
| SCANDINAVIA. | Haparanda ... | | | | | | | | | | | | | | | | | | | |
| | Hernösand ... | | | | | | | | | | | | | | | | | | | |
| | Stockholm ... | 30.34 | 50 | Z | 0 | b | 30.32 | +0.2 | 48 | 46 | 0 | Z | 0 | b | 2 | 61 | 39 | - | | |
| | Wisby ... | 30.36 | 45 | W | 4 | b | 30.33 | -0.1 | 51 | 49 | -1 | SSW | 2 | b | 2 | 59 | 41 | - | | |
| | Bodö ... | 30.10 | 48 | W | 6 | 0 | 30.17 | +0.16 | 48 | 48 | +3 | SW | 4 | c | 2 | 48 | 45 | 0.12 | | |
| | Christiansund... | 30.36 | 52 | WSW | 2 | 0 | 30.21 | -0.12 | 48 | 46 | -4 | ESE | 1 | b | 2 | 54 | 46 | - | | |
| | Skudesnaes ... | 30.35 | 46 | Z | 0 | b | 30.27 | -0.09 | 50 | 46 | +5 | E | 4 | b | 2 | 64 | 43 | - | | |
| | Christiania Fjord (Færdø) | 30.35 | 54 | Z | 0 | b | 30.28 | -0.06 | 50 | 48 | +1 | NNE | 3 | b | 1 | 55 | 50 | - | | |
| | Skagen (The Scaw) | 30.33 | 51 | NE | 1 | b | 30.30 | -0.04 | 54 | 52 | +3 | SE | 1 | b | 0 | 59 | 48 | - | | |
| | Fanø ... | 30.25 | 51 | E | 2 | b | 30.14 | -0.09 | 54 | 53 | -1 | E | 4 | 0 | 2 | 57 | 52 | - | | |
| Sumburgh Head | | 30.30 | 47 | SSE | 2 | b | 30.05 | -0.29 | 50 | 50 | +1 | SSE | 2 | 0 | 3 | 52 | 45 | 0.01 | | |
| | Stornoway ... | 30.21 | 52 | W | 2 | b | 29.92 | -0.36 | 53 | 52 | +9 | SW | 6 | m | 5 | 58 | 40 | - | | |
| | Wick ... | 30.26 | 51 | S | 5 | b | 30.01 | -0.32 | 52 | 50 | +2 | SW | 3 | c | 1 | 54 | 42 | - | | |
| | Nairn ... | 30.22 | 48 | Z | 0 | b | 30.03 | -0.29 | 42 | 42 | +4 | Z | 0 | b | 1 | 56 | 28 | - | | |
| | Aberdeen ... | 30.32 | 48 | SSE | 2 | b | 30.09 | -0.30 | 51 | 49 | +12 | S | 2 | cm | 2 | 54 | 39 | - | | |
| | Leith ... | 30.30 | 50 | ESE | 5 | b | 30.09 | -0.27 | 51 | 50 | +3 | N | 1 | rm | 2 | 57 | 47 | - | | |
| | Shields ... | 30.30 | 52 | NNE | 2 | 0 | 30.11 | -0.23 | 52 | 52 | -1 | Z | 0 | f | 3 | 56 | 49 | 0.04 | | |
| | Spurn Head ... | 30.19 | 54 | N | 4 | f | 30.10 | -0.14 | 56 | 56 | +3 | Z | 0 | f | 2 | 56 | 52 | 0.13 | | |
| | York ... | 30.27 | 53 | W | 1 | 0 | 30.17 | -0.13 | 52 | 52 | +3 | Z | 0 | f | 2 | 56 | 48 | 0.03 | | |
| | Loughborough | 30.25 | 53 | NNE | 2 | 0 | 30.15 | -0.11 | 52 | 52 | +1 | W | 1 | of | 2 | 55 | 50 | 0.01 | | |
| ISLANDS. | Ardrossan ... | 30.25 | 52 | NE | 2 | bm | 30.08 | -0.26 | 48 | 48 | +3 | NE | 1 | om | 0 | 60 | 43 | - | | |
| | Malin Head ... | 30.23 | 56 | Z | 0 | b | 30.01 | -0.29 | 53 | 51 | +9 | S | 4 | om | 2 | 58 | 44 | - | | |
| | Mullaghmore ... | 30.22 | 57 | SE | 2 | om | 30.02 | -0.26 | 55 | 53 | +7 | S | 4 | og | 3 | 60 | 47 | - | | |
| | Belmullet ... | 30.21 | 56 | S | 2 | 0 | 29.99 | -0.28 | 55 | 54 | +5 | SSW | 2 | 0 | 2 | 59 | 49 | - | | |
| | Donaghadee ... | 30.26 | 53 | SSW | 2 | b | 30.08 | -0.24 | 51 | 51 | +2 | SE | 1 | f | 0 | 58 | 49 | - | | |
| | Liverpool (Bldston) | 30.25 | 55 | E | 3 | m | 30.12 | -0.18 | 55 | 52 | +7 | SE | 2 | om | 2 | 60 | 48 | - | | |
| | Holyhead ... | 30.23 | 56 | E | 1 | b | 30.11 | -0.14 | 55 | 54 | +3 | Z | 0 | mg | 0 | 62 | 51 | - | | |
| | Parsonstown ... | 30.22 | 57 | Z | 0 | 0 | 30.06 | -0.20 | 54 | 53 | +9 | Z | 0 | 0 | 2 | 58 | 42 | - | | |
| | Valencia ... | 30.21 | 56 | Z | 0 | om | 30.08 | -0.17 | 56 | 55 | +8 | S | 2 | ogm | 2 | 58 | 47 | - | | |
| | Roche's Point | 30.20 | 55 | ESE | 3 | rm | 30.09 | -0.14 | 57 | 57 | +3 | SW | 1 | rm | 3 | 58 | 53 | 0.03 | | |
| Pembroke (St. Ann's Hd.) | | 30.19 | 57 | E | 2 | 0 | 30.12 | -0.10 | 57 | 56 | +5 | ESE | 2 | og | 2 | 59 | 52 | - | | |
| | Scilly ... | 30.15 | 57 | E | 4 | 0 | 30.08 | -0.08 | 58 | 57 | +1 | ESE | 2 | m | 2 | 58 | 53 | 0.01 | | |
| | Prawle Point ... | 30.19 | 56 | ESE | 3 | 0 | 30.12 | -0.07 | 57 | 57 | +4 | ESE | 3 | om | 2 | 59 | 53 | - | | |
| | Jersey (St. Aubin's) | 30.15 | 64 | ESE | 1 | cmg | 30.12 | -0.03 | 60 | 59 | -1 | E | 3 | om | 3 | 60 | 58 | - | | |
| | Hurst Castle ... | 30.19 | 60 | NE | 3 | 0 | 30.15 | -0.03 | 55 | 55 | -1 | NE | 1 | em | 2 | 63 | 55 | 0.02 | | |
| | Dungeness ... | 30.14 | 61 | N | 4 | og | 30.10 | -0.02 | 58 | 57 | -2 | W | 2 | m | 1 | 63 | 56 | 0.03 | | |
| | North Foreland | 30.09 | 60 | N | 2 | og | 30.09 | -0.03 | 58 | 58 | -2 | W | 1 | ogm | 3 | 61 | 57 | - | | |
| | London ... | 30.19 | 58 | NE | 2 | 0 | 30.15 | -0.02 | 55 | 54 | -2 | W | 1 | 0 | 2 | 61 | 53 | 0.01 | | |
| | Oxford ... | 30.23 | 53 | E | 2 | T | 30.16 | -0.06 | 53 | 52 | +1 | Z | 0 | og | 2 | 56 | 52 | 0.02 | | |
| | Cambridge ... | 30.21 | 56 | NNE | 2 | T | 30.13 | -0.08 | 55 | 55 | -1 | W | 1 | 0 | 2 | 59 | 52 | 0.02 | | |
| Yarmouth ... | 30.17 | 59 | NNE | 2 | cf | 30.09 | -0.05 | 59 | 58 | +1 | W | 1 | ogf | 4 | 59 | 55 | 0.01 | | | |
| GERMANY & HOLLAND. | Cuxhaven ... | 30.16 | 59 | ESE | 4 | 0 | 30.09 | -0.03 | 60 | 59 | 0 | E | 2 | f | 2 | 61 | 59 | 0.04 | | |
| | Berlin ... | 30.13 | 64 | NE | 1 | c | 30.12 | -0.03 | 61 | 60 | +4 | SE | 1 | b | 2 | 70 | 57 | 0.55 | | |
| | Wiesbaden ... | 30.13 | 60 | W | 2 | 0 | 30.14 | +0.04 | 54 | 52 | 0 | Z | 0 | b | 2 | 72 | 50 | - | | |
| | Munich ... | 30.27 | 60 | SW | 2 | T | 30.21 | -0.03 | 62 | 62 | +2 | SW | 1 | c | 2 | 66 | 57 | 0.16 | | |
| | The Helder ... | 30.19 | 60 | NE | 1 | f | 30.12 | -0.02 | 60 | 60 | +1 | E | 1 | f | 1 | 61 | 59 | - | | |
| | Brussels (9 a.m.) | 30.09 | 59 | NNE | 3 | 0 | 30.05 | +0.01 | 58 | 58 | -2 | W | 3 | m | 3 | 64 | 58 | - | | |
| | Cape Gris Nez | 30.15 | 61 | N | 1 | b | 30.14 | -0.01 | 50 | 50 | +2 | NE | 1 | b | 2 | 72 | 48 | - | | |
| | Paris ... | 30.15 | 63 | N | 1 | c | 30.14 | -0.01 | 58 | 57 | +3 | E | 2 | c | 2 | 73 | 50 | - | | |
| | Brest ... | 30.13 | 66 | Z | 0 | c | 30.07 | -0.05 | 59 | 57 | +4 | E | 3 | b | 2 | 72 | 55 | - | | |
| | Lorient ... | 30.13 | 66 | Z | 0 | c | 30.07 | -0.05 | 59 | 57 | +4 | E | 3 | b | 2 | 72 | 55 | - | | |
| FRANCE AND BELGIUM. | Roche fort ... | 30.04 | 70 | ESE | 2 | b | 30.04 | -0.03 | 66 | 65 | +5 | ESE | 3 | 0 | 2 | 81 | 59 | - | | |
| | Belfort ... | 30.04 | 59 | W | 2 | c | 30.04 | -0.03 | 58 | 52 | -2 | W | 2 | b | 2 | 66 | 47 | 0.12 | | |
| | Lyons ... | 30.32 | 65 | SW | 1 | b | 30.16 | -0.02 | 64 | 63 | +2 | SE | 1 | b | 2 | 84 | 60 | 0.28 | | |
| | Nice ... | 30.20 | 64 | S | 1 | b | 30.21 | -0.00 | 64 | 63 | -2 | Z | 0 | 0 | 2 | 81 | 59 | - | | |
| | Perpignan ... | 30.15 | 69 | NE | 1 | 0 | 30.14 | -0.04 | 68 | 68 | 0 | Z | 0 | 0 | 2 | 76 | 66 | - | | |
| | Biarritz ... | 30.06 | 73 | SE | 3 | c | 30.05 | -0.01 | 69 | 65 | 0 | SW | 3 | b | 2 | 79 | 64 | 0.04 | | |
| | Corunna ... | 30.07 | 67 | W | 3 | b | 30.12 | +0.07 | 62 | 60 | -4 | N | 2 | b | 2 | 73 | 59 | - | | |
| | Lisbon ... | 30.07 | 67 | W | 3 | b | 30.12 | +0.07 | 62 | 60 | -4 | N | 2 | b | 2 | 73 | 59 | - | | |
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Friday, 23rd Sept^r 1892.

BAROMETER, WIND AND 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:

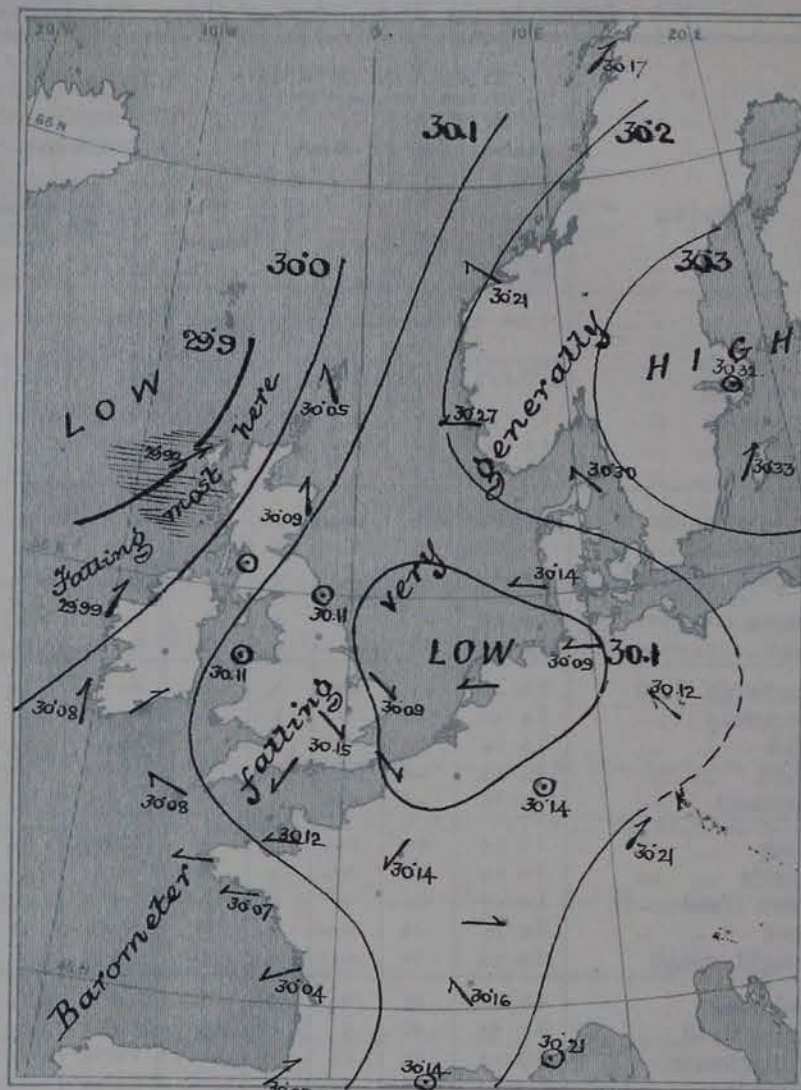
⊞ = Rough. ⊞ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September

During the 20 Years 1871-1890

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.886 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Sally | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-------------------|-------------------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry. | at 8 a.m. Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 50.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.0 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.0 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 51.0 | 49.2 | 2.70 |
| Ardrossan | 59.6 | 46.1 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 46.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.6 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.0 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.10 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 51.0 | 56.1 | 53.9 | 3.58 |
| Sally | 61.8 | 51.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.10 |
| Jersey | 65.1 | 54.8 | 59.0 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 65.1 | 52.0 | 57.7 | 55.2 | 2.04 |
| LONDON | 66.4 | 49.0 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.0 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.0 | 48.1 | 54.0 | 52.0 | 2.26 |
| Yarmouth | 62.5 | 51.8 | 56.5 | 54.1 | 2.04 |

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.3 in. and more to 30.2 in. over Scandinavia, and 30.1 in. and more, over the greater part of England, Germany and France.
Lowest, 29.9 in. and less, off our extreme northwestern coasts, and 30.1 in. and less, over the Bay of Biscay and also over the Netherlands.

Gradients slight to moderate and very variable.

Barometer falling in most places — especially in north and northwest, but rate of change not serious at present.

TEMPERATURE

Highest, 66° to 69° in the southwest of France, 64° at Nice and Lyons, 60° in Holland and 59° at Yarmouth.

Lowest, 42° at Kairu, 48° in the northwest of Norway, at Stockholm and at Ardrossan, 51° at Aberdeen and Donaghadee.

It was again rather low over Scotland in the night. The maxima recorded yesterday exceeded 60° at some of the English stations and ranged from 70° to 84° over France; on our north and northeast coasts, however, they varied from 50° to 57°.

WIND

Extremely light and variable over the Continent and England; light from E. over the Bay of Biscay, from S. in Ireland, and from SW. in Scotland. In the Minch, however, it is strong from SW.

The NE. wind noticed over England yesterday has died down.

WEATHER

Fine and bright at most of the Continental stations, but foggy in Holland and over the North Sea, very misty over England the south of Ireland and several parts of Scotland.

There were slight further falls of rain over our northeastern and southeastern counties yesterday, as well as in the Netherlands, Germany, and the east of France. Aurora was seen in the far north last night.

SEA

Rather rough in the Minch, but very little disturbed on other parts of our coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The warm weather is likely to prevail over England as a whole during today, showers in Ireland and Scotland.

FORECASTS

For the 24 hours ending at NOON on 24th SEPT: 1892.

DISTRICTS.

FORECASTS.

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

SW. winds, increasing; rain at times.

Calms and SW. breezes; fine and warm today, uncertain tomorrow.

DISTRICTS.

FORECASTS.

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

Same as N^o 0 and 1.

SE. to SW. winds; fine to showery.

S. and SW. winds, moderate to strong; rain at times.

WARNINGS

None issued.

Note.—The South Cone, point downwards (∇), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (∆), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. |
|-----------------|-------|-------|------|-------|----|------|------|-------------------|-------|-------|------|-------|----|------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudesnaes ... | 30.38 | 64 | 47 | W | 1 | 6 | 2 | Valencia ... | 30.22 | 58 | 54 | E | 2 | om | 2 |
| Stumburgh Head | 30.33 | 51 | 49 | SSW | 2 | 6 | 2 | Scilly ... | 30.17 | 56 | 55 | NE | 3 | m | 2 |
| Stornoway ... | 30.23 | 57 | 54 | SW | 3 | 6 | 3 | Jersey ... | 30.15 | 64 | 61 | SE | 1 | bc | 1 |
| Aberdeen ... | 30.35 | 53 | 48 | SE | 3 | 6 | 3 | Hurst Castle ... | 30.20 | 61 | 59 | NE | 3 | om | 1 |
| Shields ... | 30.33 | 54 | 51 | NNE | 2 | 0 | 3 | Dungeness ... | 30.14 | 62 | 61 | NNE | 4 | 0 | 3 |
| Ardrossan ... | 30.29 | 59 | 54 | NE | 2 | 6 | 1 | North Foreland... | 30.15 | 61 | 59 | NNE | 3 | 0 | 4 |
| Malin Head ... | 30.26 | 55 | 51 | SE | 4 | 6 | 1 | London ... | 30.20 | 61 | 58 | NNE | 1 | ogm | # |
| Mullaghmore ... | 30.25 | 59 | 53 | NW | 2 | 6 | 2 | Yarmouth ... | 30.17 | 59 | 58 | NNE | 2 | cf | 4 |
| Belmullet ... | 30.25 | 56 | 54 | NW | 2 | 0 | # | Rochefort ... | 30.09 | 77 | 71 | E | 3 | c | # |
| Holyhead ... | 30.27 | 61 | 56 | W | 0 | 6 | 0 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Continental Information not received

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Saturday, 24th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|--------------------------------|--|-------|---|--------------|----------|---|---------------------|---|---|--------------|--------------|--------------------------------------|------------------|-------------|---------------------|------------------------|----------|------|------|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Direc. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | Direc. | Force (0 to 12). | | Weather. | Max. | Min. |
| | | Inch. | ° | | | | Inch. | ° | ° | ° | | | | | | ° | Inch. | | | |
| SCANDINAVIA. | Haparanda ... | 30.11 | 44 | Z | 0 | b | 29.97 | -.12 | 47 | 46 | + 5 | SW | 2 | c | # | b | 50 | 32 | - | |
| | Hernösand ... | 30.12 | 46 | SW | 2 | b | 29.96 | | 44 | 43 | | S | 2 | bc | # | b | 61 | 41 | - | |
| | Stockholm ... | 30.19 | 46 | Z | 0 | b | 30.03 | -.29 | 53 | 51 | + 5 | SE | 2 | 0 | # | b | ? | 43 | - | |
| | Wisby ... | 30.18 | 48 | NW | 3 | b | 30.01 | -.32 | 53 | 51 | + 2 | SSE | 2 | b | # | b | 59 | 41 | - | |
| | Bodö ... | 29.97 | 46 | Z | 0 | b | 29.59 | -.58 | 50 | 48 | + 2 | ESE | 4 | b | 2 | b | 50 | 45 | - | |
| | Christiansund... | 29.89 | 49 | N | 1 | b | 29.47 | -.74 | 56 | 50 | + 8 | SE | 4 | c | 3 | b | 57 | 48 | - | |
| | Skudesnes ... | 29.98 | 57 | SE | 4 | 0 | 29.62 | -.65 | 55 | 53 | + 5 | SSE | 6 | 0 | 4 | 0 | ? | 50 | - | |
| | Christiania Fjord (Fjorder) | 30.10 | 54 | NNE | 2 | b | 29.82 | -.46 | 51 | 50 | + 1 | ESE | 4 | 0 | 2 | b | 54 | 50 | - | |
| | Skagen (The Scaw) | 29.91 | 53 | SE | 1 | b | 29.79 | -.51 | 54 | 53 | 0 | SSE | 3 | 0 | 2 | b | 61 | 52 | - | |
| | Fanö ... | 29.94 | 57 | E | 1 | 0 | 29.80 | -.34 | 57 | 57 | + 3 | SW | 1 | c | # | 0 | 59 | 54 | - | |
| BRITISH ISLANDS. | Sumburgh Head | 29.75 | 51 | SSE | 4 | 0 | 29.36 | -.70 | 47 | 45 | - 3 | N | 3 | r | 4 | o.f | 52 | 42 | 0.16 | |
| | Stornoway ... | 29.60 | 55 | SW | 7 | 7 | 29.44 | -.48 | 47 | 45 | - 6 | N | 5 | bc | 5 | r | 55 | 42 | 0.10 | |
| | Wick ... | 29.73 | 55 | S | 4 | 0 | 29.45 | -.56 | 48 | 46 | - 4 | N | 5 | bc | 3 | 0 | 56 | 45 | 0.10 | |
| | Nairn ... | 29.69 | 57 | S | 4 | 0 | 29.49 | -.54 | 47 | 45 | + 5 | SW | 2 | b | 1 | c | 59 | 42 | 0.14 | |
| | Aberdeen ... | 29.83 | 52 | SSE | 3 | 0 | 29.54 | -.45 | 52 | 47 | + 1 | WSW | 3 | b | 2 | o.q.p | 55 | 47 | 0.05 | |
| | Leith ... | 29.85 | 56 | S | 2 | m | 29.63 | -.46 | 49 | 47 | - 2 | WSW | 4 | bm | # | m | 58 | 46 | 0.19 | |
| | Shields ... | 29.93 | 50 | SSW | 2 | 0 | 29.70 | -.41 | 51 | 48 | - 1 | N | 3 | c | 2 | f.o.r | 60 | 49 | 0.24 | |
| | Spurn Head ... | 29.98 | 59 | S | 1 | omg | 29.76 | -.34 | 57 | 56 | + 1 | WSW | 4 | omg | 3 | omg | 60 | 55 | 0.03 | |
| | York ... | 29.99 | 59 | S | 1 | 0 | 29.77 | -.40 | 54 | 52 | + 2 | N | 2 | c | # | 0 | 60 | 52 | 0.05 | |
| | Loughborough | 30.04 | 58 | Z | 0 | 0 | 29.84 | -.31 | 57 | 55 | + 5 | WSW | 3 | 0 | # | o.p | 63 | 52 | 0.07 | |
| GERMANY & HOLLAND. | Ardrossan ... | 29.84 | 55 | SW | 3 | ogp | 29.70 | -.38 | 50 | 50 | + 2 | N | 3 | op | 2 | om | 56 | 47 | 0.23 | |
| | Malin Head ... | 29.74 | 55 | SSW | 6 | og | 29.67 | -.34 | 49 | 46 | - 4 | WNW | 6 | bc.p | 4 | o.g.p | 56 | 47 | 0.13 | |
| | Mullaghmore ... | 29.81 | 54 | SSW | 5 | r | 29.79 | -.23 | 52 | 47 | - 3 | N | 6 | c | 5 | ogm,r | 58 | 48 | 0.21 | |
| | Belmullet ... | 29.82 | 55 | WSW | 4 | 0 | 29.82 | -.17 | 53 | 48 | - 2 | WNW | 6 | c | # | r.o | 56 | 48 | 0.01 | |
| | Donaghadee ... | 29.87 | 55 | WSW | 3 | 0 | 29.78 | -.30 | 48 | 47 | - 3 | N | 3 | b | 2 | 0 | 57 | 46 | 0.09 | |
| | Liverpool (Bidston) | 29.98 | 57 | SSW | 2 | 0 | 29.85 | -.27 | 52 | 49 | - 3 | N | 5 | b | 4 | 0 | 61 | 51 | 0.18 | |
| | Holyhead ... | 29.97 | 57 | SSW | 2 | gm | 29.87 | -.24 | 54 | 50 | - 1 | WNW | 4 | b | 3 | m.g.m | 58 | 49 | 0.20 | |
| | Parsonstown ... | 29.91 | 55 | SW | 1 | 0 | 29.90 | -.16 | 48 | 46 | - 6 | SW | 1 | c | # | 0 | 58 | 44 | 0.16 | |
| | Valencia ... | 29.95 | 56 | S | 3 | rm | 29.99 | -.09 | 54 | 51 | - 2 | WSW | 3 | bc | 3 | om,rm | 59 | 52 | 0.08 | |
| | Roche's Point | 29.99 | 57 | SSW | 2 | 0 | 29.98 | -.11 | 53 | 50 | - 4 | WNW | 3 | b | 3 | 0 | 59 | 50 | 0.01 | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 30.01 | 57 | S | 1 | f | 29.94 | -.18 | 55 | 54 | - 2 | WNW | 4 | c | 4 | f | 60 | 53 | 0.05 | |
| | Scilly ... | 30.02 | 61 | S | 2 | f | 29.99 | -.09 | 59 | 58 | + 1 | WNW | 4 | c | 2 | o.f | 63 | 56 | 0.04 | |
| | Prawle Point ... | 30.05 | 58 | ESE | 1 | m | 29.98 | -.14 | 57 | 57 | 0 | WNW | 3 | og | 2 | og | 60 | 55 | 0.01 | |
| | Jersey (St. Aubin's) | 30.06 | 62 | NNE | 2 | bc | 29.99 | -.13 | 62 | 59 | + 2 | WNW | 3 | em | 3 | bm, bc | 71 | 58 | - | |
| | Hurst Castle ... | 30.07 | 61 | SW | 2 | m | 29.94 | -.21 | 60 | 59 | + 5 | N | 4 | c | 1 | m | 65 | 55 | - | |
| | Dungeness ... | 30.04 | 62 | N | 2 | c | 29.90 | -.20 | 62 | 60 | + 4 | N | 4 | c | 3 | c | 65 | 57 | - | |
| | North Foreland | 30.01 | 60 | N | 1 | 0 | 29.87 | -.22 | 61 | 59 | + 3 | N | 3 | c | 3 | bc, 0 | 64 | 55 | - | |
| | London ... | 30.05 | 61 | N | 1 | cm | 29.91 | -.24 | 60 | 58 | + 5 | SW | 2 | op | # | om, bcm | 64 | 54 | 0.03 | |
| | Oxford ... | 30.02 | 57 | E | 1 | 0 | 29.90 | -.26 | 56 | 55 | + 3 | SW | 5 | r | # | g.c, 0 | 64 | 52 | 0.03 | |
| | Cambridge ... | 30.04 | 60 | WSW | 1 | c | 29.87 | -.26 | 59 | 58 | + 4 | SW | 1 | r | # | c | 66 | 53 | 0.03 | |
| PENINSULA. | Yarmouth ... | 30.03 | 59 | NNE | 2 | ef | 29.84 | -.25 | 59 | 57 | 0 | SW | 3 | cf | 3 | cf | 61 | 55 | 0.01 | |
| | Cuxhaven ... | 30.00 | 59 | SSW | 1 | bc | 29.88 | -.21 | 59 | 58 | - 1 | SW | 2 | f | # | bc | 63 | 54 | - | |
| | Berlin ... | 30.04 | 59 | Z | 0 | b | 29.93 | -.19 | 57 | 56 | - 4 | SE | 1 | b | # | b | 64 | 54 | - | |
| | Wiesbaden ... | 30.06 | 60 | SW | 1 | # | 29.99 | -.15 | 55 | 53 | + 1 | SW | 2 | b | # | # | 70 | 50 | - | |
| | Munich ... | 30.19 | 60 | SW | 1 | b | 30.08 | -.13 | 60 | 58 | - 2 | SW | 3 | bc | # | b | 70 | 55 | 0.08 | |
| | The Helder ... | 30.07 | 60 | N | 1 | b | 29.91 | -.21 | 59 | 58 | - 1 | SW | 4 | 0 | 3 | b | 64 | 55 | - | |
| | Brussels (9 a.m.) | 30.10 | 59 | WNW | 1 | m | 29.97 | -.15 | 56 | 56 | - 2 | SSW | 1 | c | # | f | 67 | 53 | - | |
| | Cape Gris Nez | 30.10 | 59 | WNW | 1 | m | 29.89 | -.16 | 57 | 57 | - 1 | S | 3 | m | 3 | m | 64 | 52 | - | |
| | Paris ... | 30.06 | 64 | N | 1 | b | 29.99 | -.15 | 55 | 54 | - 5 | S | 1 | b | # | b | 75 | 50 | - | |
| | Brest ... | 30.02 | 66 | N | 3 | c | ? | ? | 59 | 57 | + 1 | WNW | 2 | c | 2 | c | 77 | 50 | - | |
| PENINSULA. | Lorient ... | 30.02 | 60 | WSW | 3 | c | 30.03 | -.04 | 60 | 58 | + 1 | N | 3 | c | 2 | c | 77 | 59 | - | |
| | Rochefort ... | 30.01 | 71 | WSW | 3 | b | 30.01 | -.03 | 66 | 65 | 0 | N | 3 | bc | # | b | 82 | 64 | - | |
| | Belfort ... | 30.05 | 68 | N | 3 | r | ? | ? | 62 | 56 | + 4 | N | 2 | r | # | r | 74 | 49 | 1.10 | |
| | Lyons ... | 30.05 | 71 | S | 2 | b | 30.02 | -.14 | 64 | 63 | 0 | NE | 1 | 0 | # | b, l | 80 | 61 | - | |
| | Nice ... | 30.12 | 66 | SW | 1 | c | 30.04 | -.17 | 66 | 63 | + 2 | NE | 1 | bc | 1 | c | 77 | 61 | - | |
| | Perpignan ... | 30.11 | 68 | Z | 0 | c | 30.05 | -.09 | 63 | 63 | - 5 | N | 2 | 0 | # | c | 79 | 61 | 0.12 | |
| | Biarritz ... | 30.08 | 69 | N | 3 | tl | 30.08 | + .03 | 68 | 66 | - 1 | WNW | 3 | 0 | 2 | tlr | 73 | 64 | 0.35 | |
| | Corunna ... | 30.10 | 65 | WNW | 4 | b | 30.11 | -.01 | 61 | 59 | - 1 | N | 3 | b | # | b | 77 | 59 | - | |
| | Lisbon ... | 30.10 | 65 | WNW | 4 | b | 30.11 | -.01 | 61 | 59 | - 1 | N | 3 | b | # | b | 77 | 59 | - | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Saturday, 24th Sept: 1892.

BAROMETER, WIND AND 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.

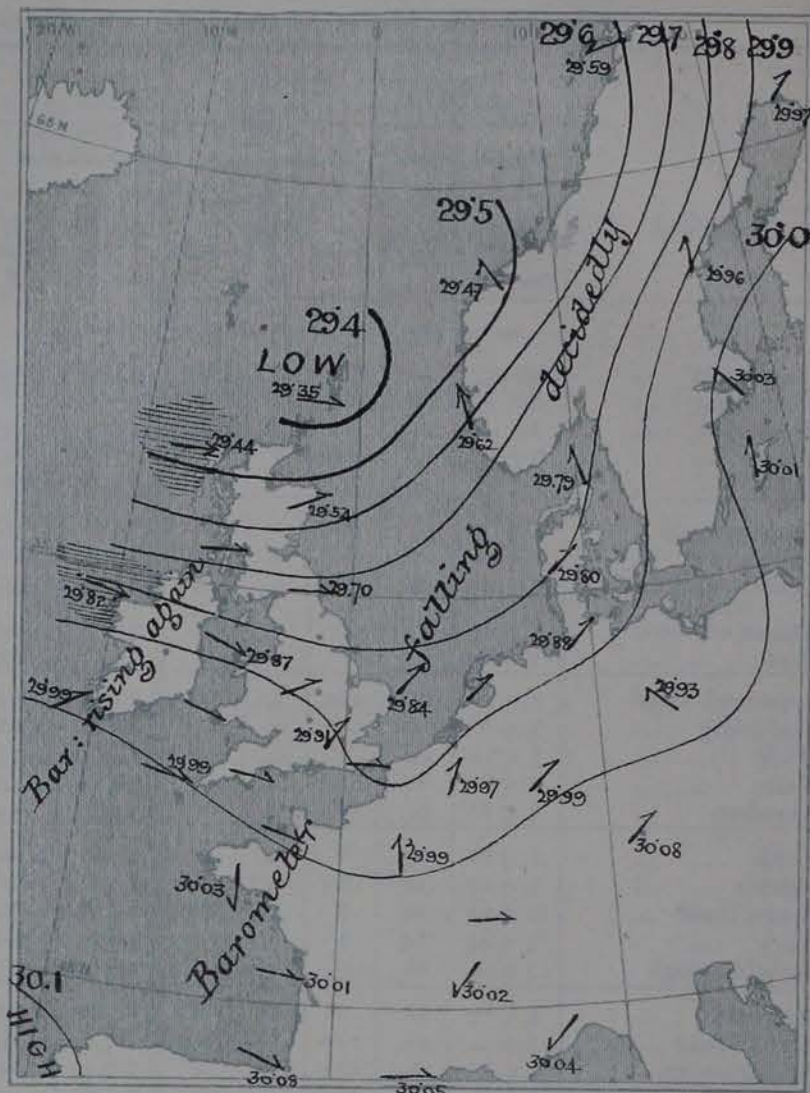
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS

| STATIONS. | MEAN READINGS |
|----------------|---------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.920 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.800 |
| Dunghadise | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roches's Point | 29.946 |
| Pembroke | 29.948 |
| Silly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|----------------|---------------|---------------|------------------|------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. Dry | Wet. | |
| Sumburgh Head | 55.0 | 40.1 | 50.8 | 49.1 | 3.82 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 1.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.39 |
| Nairn | 59.2 | 40.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.95 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 45.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.1 | 52.7 | 56.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 63.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.8 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.0 | 4.95 |
| Dunghadise | 59.0 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.39 |
| Parsonstown | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roches's Point | 64.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.0 | 3.58 |
| Silly | 61.8 | 54.7 | 58.4 | 50.3 | 3.41 |
| Prawle Point | 62.4 | 62.2 | 67.0 | 65.2 | 2.10 |
| Jersey | 65.1 | 64.8 | 69.9 | 67.0 | 3.03 |
| Hurst Castle | 64.3 | 62.1 | 67.1 | 65.7 | 3.01 |
| Dover | 65.4 | 62.9 | 67.7 | 65.2 | 2.01 |
| LONDON | 66.4 | 49.6 | 53.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.9 | 51.0 | 52.1 | 2.06 |
| Cambridge | 65.0 | 48.1 | 54.0 | 53.0 | 2.26 |
| Yarmouth | 62.1 | 51.4 | 56.7 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 ins. and more over the Bay of Biscay, Spain, Germany, and the southern half of France.

Lowest, 29.4 ins. and less, in a depression having its centre near the Shetlands.

Gradient rather steep in the north slight elsewhere. Barometer inclined to rise a little in the southwest and west, falling elsewhere.

TEMPERATURE

Highest, 68° at Biarritz, 66° at Nice and Rochefort, 62° at Penzance, 61° at the North Foreland.

Lowest, 44° at Hemsland, 47° at Helsingfors, Lumburg, and Ayr, 49° at Leith.

The maxima recorded yesterday were 60° to 65° over the greater part of England, 71° at Jersey, and 77° to 82° over the greater part of France.

WIND

SE to E in Norway, moderate to strong in force; W over the United Kingdom - moderate generally, but strong in the northwest and north; W to NW and moderate over the Bay of Biscay; light and variable over France.

There was a moderate gale from SW in the extreme north and northwest of Scotland last evening.

WEATHER

Fine and bright at the Continental stations; cloudy, changeable, and showery over the British Islands.

Rain has fallen at almost all our stations especially in the west and northwest, but amounts nowhere exceeded 0.24 inch.

SEA

Rather rough on our northwest coasts, moderate in the west and extreme north, slight or smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Mild changeable weather is probable during the coming day, with moderate W³ breezes in most places.

FORECASTS

For the 24 hours ending at NOON on 25th SEPT. 1892.

DISTRICTS.

FORECASTS.

| | | | |
|---|---|------------------|---|
| 1 | 0 | SCOTLAND NORTH | W ² winds, strong to moderate, changeable, some showers. |
| 1 | 1 | SCOTLAND EAST | W ² winds, moderate, fair to showery. |
| 2 | 2 | ENGLAND N.E. | |
| 3 | 3 | ENGLAND EAST | W ² winds, moderate to light, changeable, some showers. |
| 4 | 4 | MIDLAND COUNTIES | |
| 5 | 5 | ENGLAND SOUTH | |

DISTRICTS.

FORECASTS.

| | | | |
|----|----|---------------|---|
| 6 | 6 | SCOTLAND WEST | Same as N ⁰ . |
| 7 | 7 | ENGLAND N.W. | W ² winds, fresh to moderate, rain at times |
| 8 | 8 | ENGLAND S.W. | |
| 9 | 9 | IRELAND NORTH | Same as N ⁰ . |
| 10 | 10 | IRELAND SOUTH | Same as N ⁷ and 8. |
| | | WARNINGS | At 7.0 pm yesterday to District 9 and parts of 1 and 9. Hoist South Cone. |

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W. Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. | |
|--------------------|-------|-------|------|-------|----|------|------|--------------------|--------------|-------|------|-------|-----|------|------|---|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | | |
| Skudesnaes ... | 30.10 | 63 | 61 | ESE | 2 | c | 2 | Valencia ... | 80.02 | 59 | 56 | S | 2 | cm | 3 | |
| Stamburgh Head ... | 29.89 | 51 | 51 | SSE | 3 | 0 | 4 | Scilly ... | 30.05 | 63 | 61 | SSE | 3 | 0 | 2 | |
| Stornoway ... | 29.76 | 51 | 51 | SW | 6 | r | 6 | Jersey ... | 30.08 | 70 | 64 | SE | 2 | bm | 2 | |
| Aberdeen ... | 29.95 | 53 | 57 | SSE | 3 | 0 | 3 | Hurst Castle ... | 30.10 | 64 | 61 | SW | 1 | m | 0 | |
| Shields ... | 30.00 | 58 | 56 | SSW | 2 | 0 | 3 | Dungeness ... | 30.08 | 63 | 60 | W | 3 | c | 2 | |
| Androssan ... | 29.96 | 55 | 54 | SW | 3 | 0 | 2 | North Foreland ... | 30.04 | 63 | 60 | NW | 2 | bc | 2 | |
| Malin Head ... | 29.85 | 56 | 55 | S | 5 | 0 | 2 | London ... | 30.05 | 63 | 59 | W | 1 | cm | 3 | |
| Mullaghmore ... | 29.88 | 58 | 54 | SSE | 5 | 0 | gm | 3 | Yarmouth ... | 30.05 | 60 | 59 | NNE | 2 | cf | 3 |
| Belmullet ... | 29.86 | 56 | 55 | SSW | 5 | r | 4 | Rochefort ... | 30.03 | 81 | 78 | NW | 1 | b | 3 | |
| Holyhead ... | 30.04 | 57 | 56 | SSW | 2 | gm | 2 | | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE

DURING THE PAST 24 HOURS.

Weather dull over the greater part of the United Kingdom, with mist or fog in many places, and with rain at one or two of the western and northern stations. Fine and bright over the Continent generally, but dull in some parts of Russia and Germany. Rain falling later in the west and north of our Islands, but amounts not large, weather improving somewhat in the S.E. of England. Thunderstorms and heavy rain occurring in some parts of France.

Temperature in morning highest 81° at Palma, 78° at Barcelona, 77° at Brindisi, and 75° at La Cella; above 65° over southern Europe and the Mediterranean generally and above 60° in some parts of N. Germany. Lowest (1) 39° at Archangel, 40° at Uleaborg, 41° at Moscow, and 42° at Haparanda and Kuopio (2) 42° at Hain, but above 50° at most of the other Swedish stations. Daily maxima over England varying in most cases between 60° and 65°, but thermometer reading 71° at Jersey. Exceeding 70° at most of the French stations, and reaching 82° at Rochefort.

Wind light from the E. over the W. of France and the SW of England, and from the S.W. in Ireland and Scotland. Cyclonic circulation of light breezes reported over the Netherlands and the E. of England. Moderate from E. on the E. shores of the North Sea. N. or NW. over the greater part of Russia and also in Italy, calm or light and variable over Austria and the south of France. Subsequently veering to the SW. in the extreme NW. of our Islands and increasing to a strong breeze or moderate gale.

Barometer highest 30.1 ins. to 30.3 ins. and upwards in a large anticyclone covering England and a considerable portion of the Continent, but below 30.1 ins. in a shallow depression over the Netherlands and our extreme SE coast. Lowest 29.7 ins. and less in a depression lying over N. Russia, 29.9 ins. and less in another system lying off the NW. of Scotland. Depression in NW. subsequently advancing nearer our shores and barometer falling briskly on our N. and NW. coasts generally.

GENERAL REMARKS FOR THE 24 HOURS ENDING 8 A.M. SEPT. 23rd

Weather dull and gloomy over the greater part of England, France, Spain, Germany and the Netherlands, with mist or fog in places and with rain at Prague and Breslau. Fine over all the more northern parts of the United Kingdom (with local fogs) and also over Sweden, the Baltic, the south of Norway, Italy, Austria and the S. of Russia, but dull in the west of Norway, with rain at Oslo. A little rain falling later over England and the S. of Ireland, and larger quantities at some of the French and German stations. Thunder and lightning occurring in various parts of France. Aurora seen in the north of Scotland at night.

Temperature in morning highest 77° at Brindisi, 76° at Barcelona and Algiers, and 75° at San Fernando; above 65° over S. Europe and the Mediterranean generally. Lowest (1) 38° at Hain, 39° at Aberdeen, and 44° at Stornoway and Malin Head; (2) 39° at Moscow, 40° at Riga, and 42° at Haparanda. Daily maxima over our Islands below 60° at all but a few of our W. and S. stations and below 55° in the N. of Scotland. Thermometer exceeding 70° in some parts of Germany and exceeding 80° at several of the French, Spanish and Italian stations, the highest readings of all being 86° at Rome, and 84° at Madrid.

Wind light to moderate from the NE. over England and from the E. over Denmark, Ireland and the W. of France. Light and variable in Scotland; W. or NW. over the N. parts of Russia and Scandinavia. Light NE. in the S. of Russia and NW. in Italy. Variable over Germany, Austria, central France, Spain and Algeria. Light S. breezes setting in later over Scotland and the north of Ireland; no important change occurring elsewhere.

Barometer highest 30.3 ins. and upwards in a large anticyclone covering the N. part of our Islands and the North Sea and the south part of Scandinavia and also in another system lying over the S. parts of Russia. Lowest 29.9 ins. and less in a depression over N. Russia (Archangel report not to hand); 30.1 ins. in two very shallow systems situated respectively over the Netherlands and over the S. part of the Bay of Biscay and the adjacent parts of France and Spain. Anticyclone in N. subsequently moving E. to high pressure area over S. Russia giving way; depression over Netherlands filling up.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Sunday 25th Sept. 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|----------------------------|--|-------|----------------------------------|-----------|----------|---|-------------|------------------|-----------|-----------|--------------------------------|---------------|----------|-------------|------------------|---------------------|------|------|--|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | | Direc. | Force (0 to 12). | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Direc. | Force (0 to 12). | | Max. | Min. | |
| | | Inch. | ° | | | | Inch. | | ° | ° | ° | | | | | ° | ins. | | | |
| SCANDINAVIA. | Haparanda ... | 29.73 | 48 | SW | 2 | b | 29.40 | -0.57 | 46 | 46 | - | 1 | SSE | 4 | r | # | 50 | 39 | 0.08 | |
| | Hernösand ... | 29.55 | 49 | SE | 9 | r | 29.57 | -0.29 | 46 | 45 | + | 2 | W | 8 | r | # | 50 | 37 | 0.67 | |
| | Stockholm ... | 29.65 | 54 | SE | 2 | r | 29.63 | -0.40 | 51 | 47 | - | 2 | SW | 6 | b | # | 61 | 41 | 0.12 | |
| | Wisby ... | 29.36 | 57 | S | 4 | r | 29.78 | -0.23 | 52 | 48 | - | 1 | W | 6 | b | # | 61 | 45 | 0.04 | |
| | Bodö ... | 29.26 | 57 | E | 5 | o | 29.23 | -0.36 | 47 | 46 | - | 3 | W | 2 | o | 2 | 57 | 37 | 1.18 | |
| | Christiansund ... | 29.30 | 48 | WSW | 8 | c | 29.15 | -0.32 | 48 | 44 | - | 8 | ESE | 6 | bc | 5 | 57 | 46 | 0.12 | |
| | Skudesnaes ... | 29.55 | 51 | W | 4 | c | 29.39 | -0.23 | 53 | 51 | - | 2 | SSW | 8 | r | 6 | 55 | 48 | - | |
| | Christiania Fjord (Færdar) | 29.40 | 55 | SSW | 8 | bc | 29.50 | -0.26 | 55 | 51 | + | 4 | SW | 8 | c | 5 | 55 | 51 | - | |
| | Skagen (The Seaw) | 29.58 | 51 | WSW | 4 | c | 29.70 | -0.09 | 52 | 50 | - | 2 | WSW | 6 | b | 3 | 59 | 48 | 0.12 | |
| | Fanö ... | 29.77 | 53 | W | 6 | b | 29.81 | +0.01 | 57 | 51 | - | 0 | WSW | 6 | c | # | 61 | 54 | 0.16 | |
| BRITISH ISLANDS. | Sumburgh Head | 29.85 | 47 | WSW | 3 | o | 29.19 | -0.16 | 46 | 46 | - | 1 | WSW | 3 | r | 4 | 52 | 41 | 0.61 | |
| | Stornoway ... | 29.83 | 51 | W | 7 | o | 29.26 | -0.18 | 50 | 49 | + | 3 | W | 2 | r | 4 | 53 | 45 | 0.15 | |
| | Wick ... | 29.42 | 48 | W | 6 | o | 29.27 | -0.18 | 50 | 47 | + | 2 | W | 6 | c | 4 | 54 | 46 | 0.11 | |
| | Nairn ... | 29.45 | 50 | SW | 3 | bc | 29.32 | -0.17 | 52 | 49 | + | 5 | SW | 2 | bc | 2 | 55 | 44 | 0.62 | |
| | Aberdeen ... | 29.56 | 49 | SSW | 5 | b | 29.39 | -0.15 | 54 | 50 | + | 2 | SSW | 3 | bc | 3 | 58 | 48 | 0.03 | |
| | Leith ... | 29.67 | 50 | WSW | 5 | b | 29.48 | -0.15 | 55 | 51 | + | 6 | WSW | 6 | c | # | 56 | 47 | - | |
| | Shields ... | 29.80 | 54 | SW | 1 | bc | 29.64 | -0.06 | 54 | 51 | + | 3 | SSW | 4 | o | 2 | 57 | 49 | - | |
| | Spurn Head ... | 29.88 | 56 | W | 3 | b | 29.81 | +0.05 | 52 | 52 | - | 5 | SSW | 5 | b | 4 | 58 | 47 | - | |
| | York ... | 29.89 | 53 | WSW | 2 | b | 29.77 | -0.00 | 56 | 51 | + | 2 | W | 3 | bc | # | 60 | 45 | - | |
| | Loughborough | 29.96 | 54 | WSW | 1 | b | 29.88 | +0.04 | 51 | 49 | - | 6 | SW | 3 | bc | # | 63 | 45 | - | |
| GERMANY & HOLLAND. | Ardrossan ... | 29.70 | 54 | SW | 4 | o | 29.52 | -0.18 | 54 | 54 | + | 4 | SW | 5 | c | 4 | 55 | 50 | - | |
| | Malin Head ... | 29.64 | 52 | SW | 6 | o | 29.48 | -0.19 | 54 | 52 | + | 5 | WSW | 6 | bc | 4 | 55 | 49 | 0.07 | |
| | Mullaghmore ... | 29.77 | 53 | SW | 7 | o | 29.61 | -0.18 | 55 | 52 | + | 3 | SW | 6 | bc | 5 | 56 | 51 | 0.10 | |
| | Belmullet ... | 29.79 | 54 | WSW | 7 | o | 29.63 | -0.19 | 56 | 53 | + | 3 | W | 6 | c | # | 56 | 48 | 0.13 | |
| | Donaghadee ... | 29.80 | 53 | W | 4 | o | 29.63 | -0.15 | 56 | 54 | + | 8 | WSW | 6 | r | # | 59 | 47 | 0.01 | |
| | Liverpool (Bldston) | 29.91 | 53 | SW | 2 | b | 29.81 | -0.04 | 53 | 51 | + | 1 | SW | 2 | bc | 3 | 57 | 50 | - | |
| | Holyhead ... | 29.91 | 55 | SW | 3 | b | 29.79 | -0.08 | 57 | 52 | + | 3 | WSW | 4 | bc | 4 | 58 | 52 | - | |
| | Parsonstown ... | 29.90 | 54 | SW | 1 | o | 29.76 | -0.14 | 54 | 51 | + | 6 | SW | 1 | o | # | 58 | 47 | - | |
| | Valencia ... | 29.98 | 54 | W | 3 | c | 29.87 | -0.12 | 57 | 54 | + | 3 | SW | 5 | og | # | 58 | 53 | - | |
| | Roche's Point | 29.98 | 55 | W | 3 | b | 29.89 | -0.09 | 56 | 53 | + | 3 | WSW | 5 | b | 4 | 61 | 52 | - | |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 29.99 | 55 | WSW | 3 | b | 29.89 | -0.05 | 58 | 57 | + | 3 | WSW | 5 | cp | 5 | 60 | 54 | 0.01 | |
| | Scilly ... | 30.06 | 58 | W | 2 | c | 29.97 | -0.02 | 60 | 59 | + | 1 | SW | 3 | c | 4 | 61 | 54 | 0.04 | |
| | Prawle Point ... | 30.04 | 57 | W | 2 | bc | 29.99 | +0.01 | 57 | 57 | - | 0 | SSW | 2 | og | 2 | 63 | 54 | 0.01 | |
| | Jersey (St. Aubin's) | 30.08 | 63 | W | 3 | c | 30.03 | +0.04 | 61 | 58 | - | 1 | WSW | 3 | og | 3 | 65 | 55 | - | |
| | Hurst Castle ... | 30.01 | 61 | WSW | 4 | bc | 30.00 | +0.06 | 59 | 58 | - | 1 | SW | 5 | c | 2 | 67 | 52 | - | |
| | Dungeness ... | 29.96 | 63 | WSW | 3 | b | 30.00 | +0.10 | 56 | 53 | - | 6 | W | 3 | c | 2 | 64 | 48 | - | |
| | North Foreland | 29.94 | 60 | W | 2 | b | 29.98 | +0.11 | 54 | 51 | - | 7 | W | 4 | og | 3 | 65 | 47 | - | |
| | London ... | 29.98 | 58 | WSW | 1 | bc | 29.98 | +0.07 | 54 | 52 | - | 6 | WSW | 2 | bc | # | 66 | 45 | 0.01 | |
| | Oxford ... | 30.00 | 52 | W | 2 | b | 29.95 | +0.05 | 55 | 53 | - | 1 | SW | 1 | bc | # | 64 | 45 | - | |
| | Cambridge ... | 29.95 | 57 | W | 1 | b | 29.93 | +0.06 | 53 | 52 | - | 6 | S | 1 | c | # | 66 | 41 | - | |
| PENINSULA. | Yarmouth ... | 29.93 | 57 | WSW | 2 | c | 29.92 | +0.08 | 52 | 50 | - | 7 | WSW | 4 | bc | 3 | 61 | 44 | - | |
| | Cuxhaven ... | 29.82 | 52 | SW | 3 | bc | 29.90 | +0.02 | 50 | 49 | - | 9 | SSW | 3 | b | # | 54 | 50 | - | |
| | Berlin ... | 29.91 | 63 | NN | 2 | c | 30.02 | +0.09 | 58 | 56 | + | 1 | NN | 2 | b | # | 70 | 50 | - | |
| | Wiesbaden ... | * | # | # | # | # | 30.05 | +0.06 | 61 | 59 | + | 6 | Z | 0 | o | # | 70 | 52 | - | |
| | Munich ... | 30.09 | 60 | SW | 2 | c | 30.12 | +0.04 | 61 | 59 | + | 1 | SE | 3 | b | # | 70 | 57 | 0.24 | |
| | The Helder ... | 29.96 | 57 | WSW | 4 | b | 29.94 | +0.03 | 55 | 54 | - | 4 | SW | 4 | bc | 3 | 63 | 46 | - | |
| | Brussels (9 a.m.) | * | # | # | # | # | | | | | | | | | | | | | | |
| | Cape Gris Nez | 29.92 | 60 | W | 4 | c | 29.99 | +0.10 | 57 | 52 | + | 0 | WSW | 4 | c | 4 | 64 | 55 | - | |
| | Paris ... | 30.03 | 63 | NN | 2 | o | 30.10 | +0.11 | 56 | 54 | + | 1 | ESE | 1 | o | # | 73 | 50 | - | |
| | Brest ... | ? | 62 | NN | 2 | c | ? | ? | 58 | 57 | - | 1 | SE | 2 | m | 4 | 68 | 52 | - | |
| PENINSULA. | Lorient ... | 30.07 | 64 | WSW | 3 | c | 30.03 | -0.00 | 57 | 57 | - | 3 | E | 4 | o | 3 | 70 | 56 | - | |
| | Rochefort ... | 30.06 | 68 | WSW | 3 | bc | 30.03 | +0.02 | 61 | 61 | - | 5 | ESE | 3 | f | # | 82 | 61 | - | |
| | Belfort ... | ? | 65 | W | 3 | bc | ? | ? | 61 | 55 | - | 1 | W | 3 | o | # | 68 | 47 | 0.08 | |
| | Lyons ... | 30.03 | 68 | NE | 1 | b | 30.07 | +0.05 | 59 | 57 | - | 5 | NNW | 1 | b | # | 79 | 57 | - | |
| | Nice ... | 29.96 | 66 | ESE | 1 | o | 29.99 | -0.05 | 65 | 63 | - | 1 | Z | 0 | c | # | 75 | 63 | 0.12 | |
| | Perpignan ... | 30.02 | 71 | N | 2 | b | 30.04 | -0.01 | 63 | 60 | - | 0 | NN | 2 | b | # | 81 | 60 | - | |
| | Biarritz ... | 30.10 | 68 | N | 3 | b | 29.99 | -0.09 | 62 | 61 | - | 6 | ESE | 2 | m | # | 68 | 59 | - | |
| | Corunna ... | 30.02 | 67 | NNW | 4 | b | 29.96 | -0.15 | 62 | 59 | + | 1 | N | 3 | o | # | 75 | 59 | - | |
| | Lisbon ... | | | | | | | | | | | | | | | | | | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Sunday, 25th Sept^r 1892.

BAROMETER, WIND AND 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.

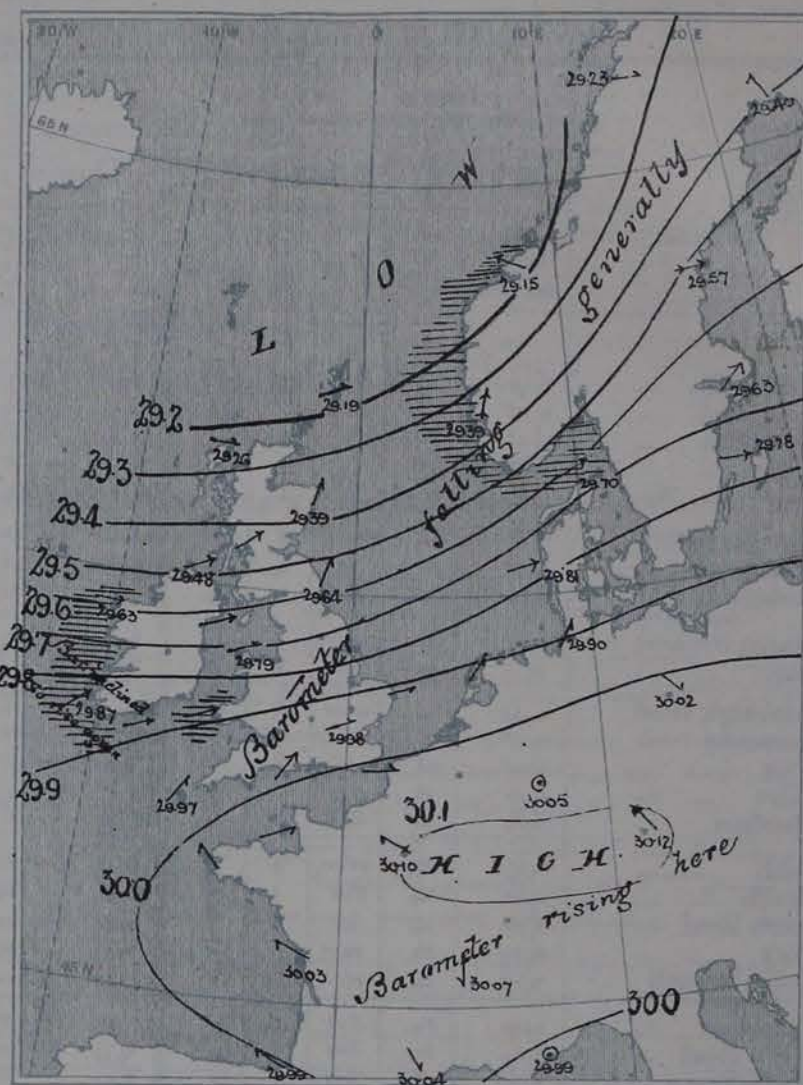
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.707 |
| Stornoway | 29.816 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.940 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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.

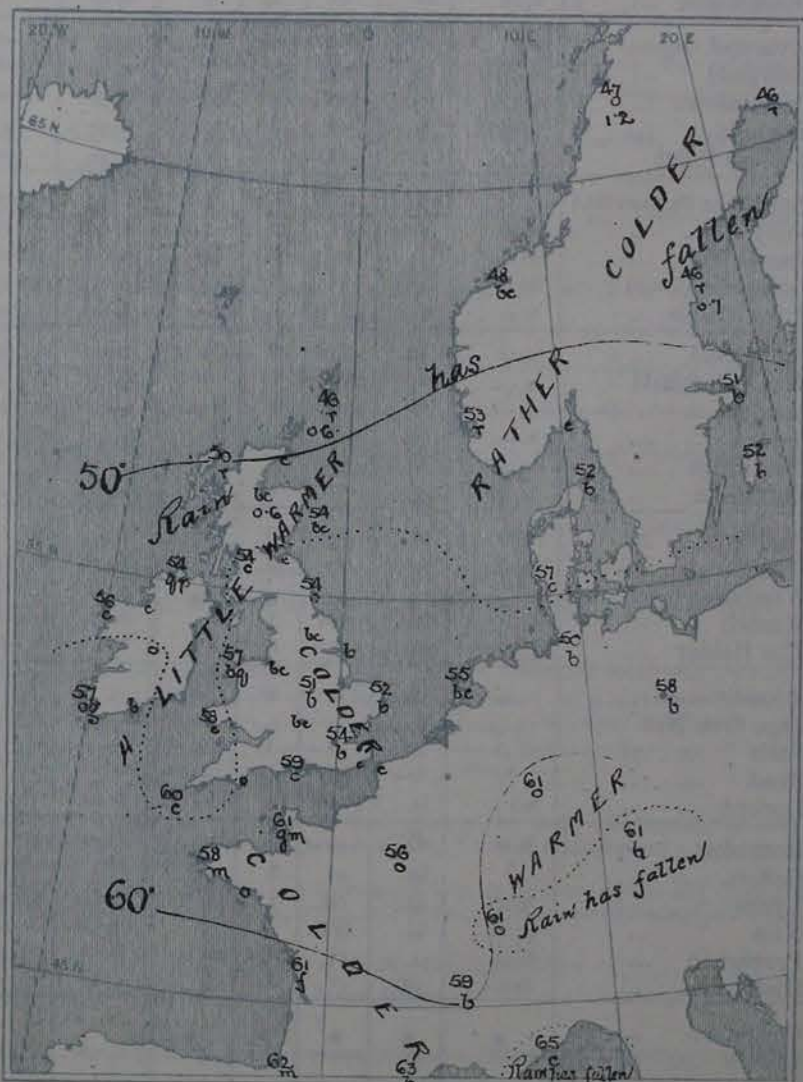
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|--------------------|---------------|---------------|-----------|------|-----------------------|
| | Daily Max. | Daily Min. | At 8 A.M. | | |
| | | | Dry. | Wet. | |
| Sumburgh Head..... | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway..... | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick..... | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn..... | 59.2 | 46.5 | 51.3 | 48.0 | 2.58 |
| Aberdeen..... | 59.2 | 46.5 | 52.1 | 49.7 | 2.07 |
| Leith..... | 61.0 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields..... | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head..... | 60.1 | 52.7 | 55.5 | 53.8 | 2.02 |
| York..... | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough..... | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan..... | 59.5 | 49.1 | 53.5 | 51.1 | 3.67 |
| Mullaghmore..... | 60.2 | 50.9 | 51.0 | 51.0 | 1.95 |
| Donaghadee..... | 59.0 | 49.2 | 50.5 | 52.3 | 3.01 |
| Holyhead..... | 60.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool..... | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown..... | 61.5 | 47.1 | 53.0 | 51.1 | 3.16 |
| Valencia..... | 61.8 | 51.5 | 59.5 | 54.2 | 4.33 |
| Roche's Point..... | 61.7 | 51.0 | 55.5 | 53.1 | 4.08 |
| Pembroke..... | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Scilly..... | 61.8 | 51.7 | 58.1 | 56.3 | 3.11 |
| Prawle Point..... | 62.1 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey..... | 63.1 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle..... | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover..... | 63.1 | 52.9 | 57.7 | 55.2 | 2.61 |
| LONDON..... | 60.1 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford..... | 64.0 | 48.0 | 51.0 | 52.1 | 2.66 |
| Cambridge..... | 65.6 | 48.1 | 51.6 | 53.0 | 2.20 |
| Yarmouth..... | 62.1 | 51.1 | 56.3 | 54.1 | 2.91 |

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1868-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and more to 30.0 in. in a large anticyclone over Germany and France.

Lowest, 29.2 in. and less, in a large depression lying to the north-west of Scotland.

Gradients moderate to rather steep except over France and Germany, where they are very slight.

Barometer rising over Germany and Central France, and inclined to rise at Valencia, falling over our islands generally, most in the north.

TEMPERATURE

Highest, 65° at Nice, 61° to 63° in the south-west of France, 60° at Seilly.

Lowest, 45° at Haparanda, 46° at Hango and Sumburg Hk., 48° at Christiansund, 50° in the extreme north of Scotland.

The maxima recorded yesterday were below 60° in Scotland, 60° to 67° over greater part of England, 70° over Germany, 75° to 82° in the south-west of France.

WIND

SSW^{ly} to WSW^{ly}, strong to a gale, over Scandinavia; W^{ly} to SW^{ly}, moderate in Scotland; WSW^{ly} strong in Ireland; SW^{ly}, fresh to moderate over England.

E^{ly} light in the west of France and very light at Paris.

There was a fresh gale from SW over Caithness in the night.

WEATHER

Fair over France and the major part of Great Britain — clear in many places.

Dull and showery in the western parts of Ireland and Scotland — cloudy and rainy over Scandinavia.

Rainfall has been general in the west and north, heavy in some parts of Scotland, Norway, Sweden, and Denmark.

SEA

Rather rough in the south-west, moderate in the west and north, smooth or slight in the south and east.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

FORECASTS

For the 24 hours ending at NOON on 26th September, 1892.

DISTRICTS.

FORECASTS.

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

None issued

DISTRICTS.

FORECASTS.

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

WARNINGS

None issued

At 7.5^{pm} yesterday to districts 2, 6, 7, and 10 "Hoist South Cone". The signals are now flying in districts 0 to 2, 6, 7, 9, and 10.

Note.—The South Cone, point downwards (†), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
The North Cone, point upwards (†), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. Direc. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|-----------------|----|------|------|--------------------|-------|-------|------|-----------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 29.47 | 52 | 50 | WSW | 6 | r | 5 | Valencia ... | 30.01 | 58 | 53 | WSW | 4 | bc | 4 |
| Sumburgh Head ... | 29.35 | 47 | 45 | WSW | 4 | r | 5 | Scilly ... | 30.04 | 60 | 57 | WNW | 4 | c | 2 |
| Stornoway ... | 29.43 | 49 | 47 | W | 6 | c | 6 | Jersey ... | 30.04 | 63 | 60 | WN | 3 | c | 3 |
| Aberdeen ... | 29.58 | 58 | 48 | WSW | 5 | bc | 3 | Hurst Castle ... | 29.98 | 67 | 62 | WNW | 3 | bc | 1 |
| Shields ... | 29.75 | 55 | 50 | W | 3 | c | 2 | Dungeness ... | 29.92 | 67 | 63 | W | 4 | c | 4 |
| Ardrossan ... | 29.71 | 64 | 52 | SW | 4 | c | 3 | North Foreland ... | 29.89 | 65 | 60 | W | 3 | c | 2 |
| Malin Head ... | 29.61 | 54 | 50 | SW | 6 | bc | 4 | London ... | 29.93 | 66 | 57 | W | 3 | bc | * |
| Mullaghmore ... | 29.80 | 55 | 49 | SW | 6 | c | 6 | Yarmouth ... | 29.88 | 60 | 56 | WNW | 4 | c | 3 |
| Belmullet ... | 29.83 | 56 | 51 | WSW | 6 | c | * | Rochefort ... | 30.05 | 70 | 67 | NW | 3 | b | # |
| Holyhead ... | 29.92 | 58 | 52 | W | 4 | b | 3 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fair over the greater part of Europe, but dull and rainy at some of the inland English stations, as well at Sumburgh Head, Shagen, and Buder Peith. Heavy rain falling later in some parts of Scandinavia and the north of Scotland, and smaller amounts in the north of Ireland and the southwest of England. Thunderstorms occurring at some of the French stations.

Temperature in morning highest 75° at Barcelona and Palma, 74° at Brindisi and Algiers, and 73° at Nemours and Malta; above 65° in most parts of Southern Europe, and above 60° at some of the Channel stations. Lowest 35° at St. Petersburg, 38° at Uleaborg and Moscow, and 40° at Charkov; below 50° over Russia and the north of Sweden generally, as well as at some of the Scotch and Irish stations. Rising during day to between 60° and 67° over England, but not reaching 55° in the north of Scotland. Exceeding 70° at most of the French and Austrian stations, and exceeding 80° in several parts of Spain and Italy, the highest readings of all being 88° at Madrid and 86° at Palermo.

Wind W¹ in our Islands; moderate to fresh in force generally, but strong in the north of Ireland; light from the SWnd over Denmark, the Netherlands, and Germany; S¹ or SE² over Scandinavia and the Baltic. Light from N in the south of Russia; variable in Austria, Italy, Algeria, and the south of France; NW² over the Bay of Biscay. Subsequently increasing to a moderate gale from the SWnd on our extreme north and northwest coasts, to a fresh gale from the same quarter in Norway, and to a strong gale from SE at Helsingland.

Barometer highest 30.2 ins. and upwards in an anticyclone over Russia, 30.1 ins. and upwards in another system lying over the southwestern parts of the Spanish Peninsula, as well as in several small areas lying over various parts of the Mediterranean. Lowest 29.4 ins. and less, in a depression lying off the north of Scotland. Depression subsequently travelling eastwards to Scandinavia, but new disturbances approaching our extreme northwest coast in evening.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Monday, 26th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|-------------------------------|--|-------|---------------------|--------|----------|---|-------------|-----------|--------------------------------------|--------|---------------------|------------------|----------|-------------|------------|------------------------|---|--------------|---|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | SHADE TEMP. | | | Wind. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | | Force (0 to 12). | Dirac. | | | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | Dirac. | Force (0 to 12). | | | Max. | Min. | | | | |
| | | | | | | | | | | | | | | | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | Change since Yester- day Morn. |
| Ins. | | ° | | | | Ins. | ° | ° | ° | | | | | | ° | Ins. | | | | |
| SCANDINAVIA. | Haparanda ... | 29.19 | 45 | SW | 6 | r | 29.31 | -0.09 | 45 | 45 | -1 | Z | 0 | f | # | r | 48 | 43 | 0.39 | |
| | Hernösand ... | 29.37 | 47 | SW | 4 | o | 29.43 | -0.14 | 45 | 44 | -1 | Z | 0 | c | # | o | 59 | 44 | 0.12 | |
| | Stockholm ... | 29.61 | 54 | SW | 4 | o | 29.63 | -0.00 | 54 | 50 | +3 | SW | 4 | b | # | o | 61 | 46 | - | |
| | Wisby ... | 29.80 | 54 | SW | 6 | b | 29.78 | -0.00 | 55 | 52 | +3 | W | 6 | c | # | b | 59 | 50 | - | |
| | Bodö ... | 29.22 | 44 | SW | 2 | r | 29.31 | +0.08 | 43 | 42 | -4 | E | 2 | c | 1 | r | 48 | 36 | 0.04 | |
| | Christiansund... | 29.28 | 46 | SSW | 6 | r | 29.49 | ? | 42 | 42 | -4 | SSW | 7 | r | 4 | r | 48 | 43 | 1.10 | |
| | Skadesnaes ... | 29.49 | 53 | W | 6 | c | 29.73 | +0.34 | 50 | 46 | -3 | W | 4 | c | 5 | c | 54 | 46 | - | |
| | Christiania Fjord (Færder) | 29.48 | 55 | WSW | 8 | c | 29.66 | +0.10 | 54 | 48 | -1 | W | 7 | b | 5 | c | 55 | 54 | - | |
| | Skagen (The Scaw) | 29.65 | 53 | WSW | 5 | r | 29.77 | +0.09 | 54 | 51 | +2 | W | 4 | b | 2 | r | 57 | 52 | 0.04 | |
| | Fanö ... | 29.77 | 58 | SW | 6 | c | 29.88 | +0.09 | 56 | 53 | -1 | WSW | 4 | b | # | c | 63 | 55 | 0.12 | |
| ISLANDS. | Sumburgh Head | 29.28 | 48 | WSW | 3 | b | 29.52 | +0.23 | 49 | 47 | +3 | WSW | 4 | o | 5 | b | 53 | 42 | 0.03 | |
| | Stornoway ... | 29.42 | 50 | W | 5 | o | 29.48 | +0.22 | 52 | 51 | +2 | SW | 6 | r | 6 | b | 54 | 42 | 0.20 | |
| | Wick ... | 29.43 | 53 | W | 6 | o | 29.58 | +0.31 | 51 | 48 | +1 | SW | 4 | o | 2 | c | 55 | 43 | 0.02 | |
| | Nairn ... | 29.49 | 49 | Z | 0 | b | 29.59 | +0.27 | 53 | 50 | +1 | SW | 3 | c | 2 | b | 57 | 40 | - | |
| | Aberdeen ... | 29.54 | 50 | W | 2 | b | 29.72 | +0.33 | 50 | 48 | -4 | SSW | 3 | o | 3 | q, b | 60 | 44 | - | |
| | Leith ... | 29.61 | 52 | SW | 3 | b | 29.77 | +0.29 | 53 | 48 | -2 | SW | 2 | c | # | b | 61 | 48 | 0.07 | |
| | Shields ... | 29.69 | 57 | SW | 2 | b | 29.85 | +0.21 | 53 | 50 | -1 | S | 2 | b | # | b | 62 | 47 | - | |
| | Spurn Head ... | 29.82 | 58 | SW | 4 | b | 29.96 | +0.15 | 54 | 53 | +2 | SW | 3 | b | 3 | b | 63 | 49 | - | |
| | York ... | 29.77 | 59 | SW | 3 | c | 29.94 | +0.17 | 49 | 48 | -7 | S | 2 | b | # | c | 63 | 46 | - | |
| | Loughborough | 29.87 | 58 | WSW | 2 | b | 30.00 | +0.12 | 52 | 49 | +1 | WSW | 2 | b | # | b | 66 | 49 | - | |
| BRITISH ISLANDS. | Ardrossan ... | 29.67 | 53 | SW | 3 | b | 29.77 | +0.25 | 54 | 53 | 0 | SW | 4 | c | 3 | p, b | 57 | 51 | 0.01 | |
| | Malin Head ... | 29.65 | 52 | W | 6 | o | 29.67 | +0.19 | 52 | 50 | -2 | S | 5 | o | 4 | c, o | 56 | 50 | 0.01 | |
| | Mullaghmore ... | 29.74 | 54 | W | 6 | o | 29.74 | +0.13 | 53 | 50 | -2 | SSW | 4 | c | 4 | o, p | 57 | 50 | 0.02 | |
| | Belmullet ... | 29.76 | 54 | WSW | 5 | c | 29.70 | +0.07 | 57 | 55 | +1 | WSW | 7 | o | # | c | 57 | 54 | 0.03 | |
| | Donaghadee ... | 29.73 | 53 | W | 4 | o | 29.80 | +0.17 | 54 | 52 | -2 | WSW | 5 | c | 3 | o | 61 | 52 | 0.01 | |
| | Liverpool (Bidston) | 29.81 | 57 | SW | 5 | o | 29.95 | +0.14 | 52 | 50 | -1 | SSW | 2 | b | 2 | o | 62 | 48 | - | |
| | Holyhead ... | 29.72 | 58 | SW | 5 | b | 29.91 | +0.12 | 56 | 53 | -1 | SW | 4 | b | 4 | b, b | 61 | 52 | - | |
| | Parsonstown ... | 29.83 | 56 | SW | 2 | o | 29.84 | +0.08 | 50 | 49 | -4 | SW | 1 | b | # | c, o | 62 | 44 | - | |
| | Valencia ... | 29.92 | 57 | WSW | 3 | b | 29.88 | +0.01 | 57 | 56 | 0 | S | 3 | o | 4 | b | 61 | 51 | - | |
| | Roche's Point | 29.90 | 58 | W | 4 | b | 29.91 | +0.02 | 58 | 57 | +2 | SW | 3 | c | 3 | b | 63 | 49 | - | |
| GERMANY & HOLLAND. | Pembroke (St. Ann's Hd.) | 29.93 | 57 | WSW | 5 | b | 29.97 | +0.08 | 58 | 57 | 0 | SW | 4 | b | 4 | b | 59 | 56 | 0.02 | |
| | Scilly ... | 29.99 | 58 | W | 2 | o | 30.00 | +0.03 | 58 | 56 | -2 | SW | 1 | c | 4 | o, p | 64 | 55 | - | |
| | Prawle Point ... | 29.99 | 57 | WSW | 2 | c | 30.04 | +0.05 | 55 | 55 | -2 | SE | 1 | o, w | 6 | c | 60 | 51 | - | |
| | Jersey (St. Aubin's) | 30.03 | 63 | W | 2 | o | 30.04 | +0.01 | 63 | 60 | +2 | SW | 3 | o, g | 3 | b, o, g | 68 | 57 | - | |
| | Hurst Castle ... | 29.98 | 61 | WSW | 5 | c | 30.04 | +0.04 | 58 | 56 | -1 | ESE | 1 | b, w | 1 | c | 63 | 51 | - | |
| | Dungeness ... | 29.97 | 61 | W | 5 | o | 30.03 | +0.03 | 60 | 59 | +4 | ENE | 1 | b | 1 | c, o | 64 | 55 | - | |
| | North Foreland | 29.95 | 60 | WSW | 3 | o | 30.03 | +0.05 | 60 | 58 | +6 | W | 2 | b | 2 | b, o, g | 64 | 53 | - | |
| | London ... | 29.94 | 61 | SW | 3 | b | 30.05 | +0.07 | 54 | 53 | 0 | S | 1 | o, w | # | e, b, w, m | 64 | 50 | - | |
| | Oxford ... | 29.98 | 55 | SW | 1 | b | 30.04 | +0.09 | 47 | 47 | -8 | Z | 0 | b | # | b, r. | 62 | 45 | 0.17 | |
| | Cambridge ... | 29.96 | 57 | W | 1 | b | 30.04 | +0.11 | 50 | 50 | -3 | SW | 1 | o | # | b | 66 | 45 | 0.01 | |
| FRANCE AND BELGIUM. | Yarmouth ... | 29.88 | 61 | SW | 4 | b | 30.01 | +0.09 | 54 | 52 | +2 | WSW | 2 | b | 2 | b | 63 | 48 | - | |
| | Cuxhaven ... | 29.87 | 58 | WSW | 4 | c | 29.95 | +0.05 | 58 | 57 | +8 | WSW | 3 | c | # | c | 61 | 50 | - | |
| | Berlin ... | 29.97 | 62 | SW | 2 | b | 30.10 | +0.08 | 55 | 53 | -3 | W | 2 | b | # | b | 68 | 52 | - | |
| | Wiesbaden ... | 30.12 | 58 | # | # | # | 30.15 | +0.10 | 53 | 51 | -8 | NW | 2 | b | # | # | 72 | 48 | - | |
| | Munich ... | 30.12 | 58 | Z | 0 | b | 30.19 | +0.07 | 59 | 58 | -2 | SW | 2 | c | # | b | 70 | 55 | - | |
| | The Heider ... | 29.96 | 59 | SW | 6 | b | 30.06 | +0.12 | 59 | 55 | +4 | WSW | 3 | b | 3 | b | 61 | 54 | - | |
| | Brussels (a.m.) | * | * | * | * | * | 30.08 | | 59 | 57 | | SEE | 1 | b | # | f | 63 | 51 | - | |
| | Cape Gris Nez | 29.99 | 59 | W | 4 | c | 30.01 | +0.02 | 57 | 57 | 0 | SEE | 2 | c | 2 | c | 61 | 55 | - | |
| | Paris ... | 30.06 | 60 | N | 3 | b | 30.08 | -0.02 | 50 | 50 | -6 | N | 1 | b | # | b | 68 | 48 | - | |
| | Brest ... | ? | 61 | W | 1 | c | ? | ? | 57 | 57 | -1 | E | 3 | o | 1 | c | 70 | 52 | - | |
| PENIN- SULA. | Lorient ... | 30.01 | 64 | WSW | 1 | c | 30.01 | -0.02 | 59 | 57 | +2 | E | 3 | c | 3 | c | 70 | 57 | - | |
| | Rocheport ... | 29.98 | 67 | NW | 3 | b | 29.97 | -0.06 | 62 | 61 | +1 | ESE | 3 | c | # | b | 79 | 59 | - | |
| | Belfort ... | ? | 65 | W | 3 | c | ? | ? | 51 | ? | -10 | W | 3 | b | # | c | 80 | 43 | - | |
| | Lyons ... | 30.02 | 68 | NE | 1 | b | 30.10 | +0.03 | 59 | 57 | 0 | SE | 1 | b | # | b | 76 | 54 | - | |
| | Nice ... | 30.01 | 67 | Z | 0 | c | 30.09 | +0.10 | 68 | 62 | +3 | NNE | 1 | b | 0 | c | 79 | 63 | - | |
| | Perpignan ... | 30.00 | 68 | E | 2 | b | 30.05 | +0.01 | 66 | 65 | +3 | Z | 0 | o | # | b | 80 | 62 | - | |
| | Biarritz ... | 29.91 | 75 | E | 4 | b | 29.95 | -0.04 | 67 | 66 | +5 | ENE | 1 | b | 3 | tl, b | 81 | 62 | 0.08 | |
| | Corunna .. | * | * | * | * | * | | | | | | | | | * | | | | | |
| | Lisbon ... | * | * | * | * | * | | | | | | | | | * | | | | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Monday, 26th Sept. 1892.

BAROMETER, WIND AND 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.

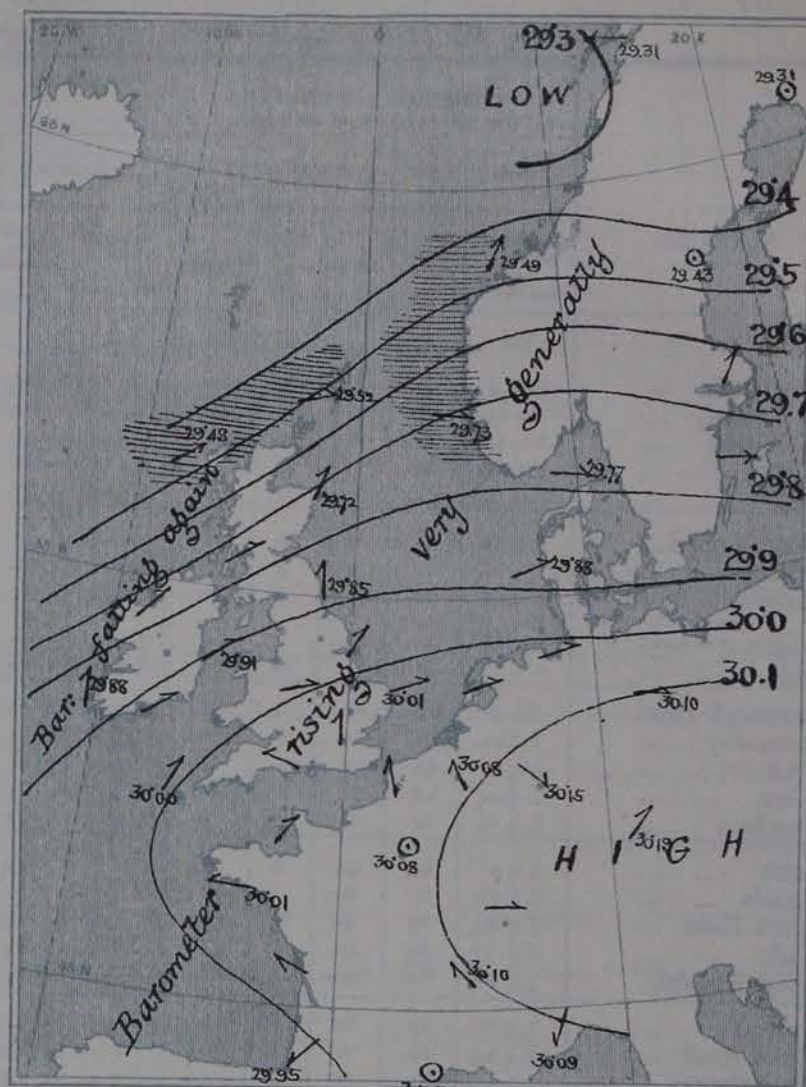
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.920 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.940 |
| Pembroke | 29.948 |
| Scilly | 29.971 |
| Prawle Point | 29.995 |
| Jersey | 29.988 |
| Harst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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.

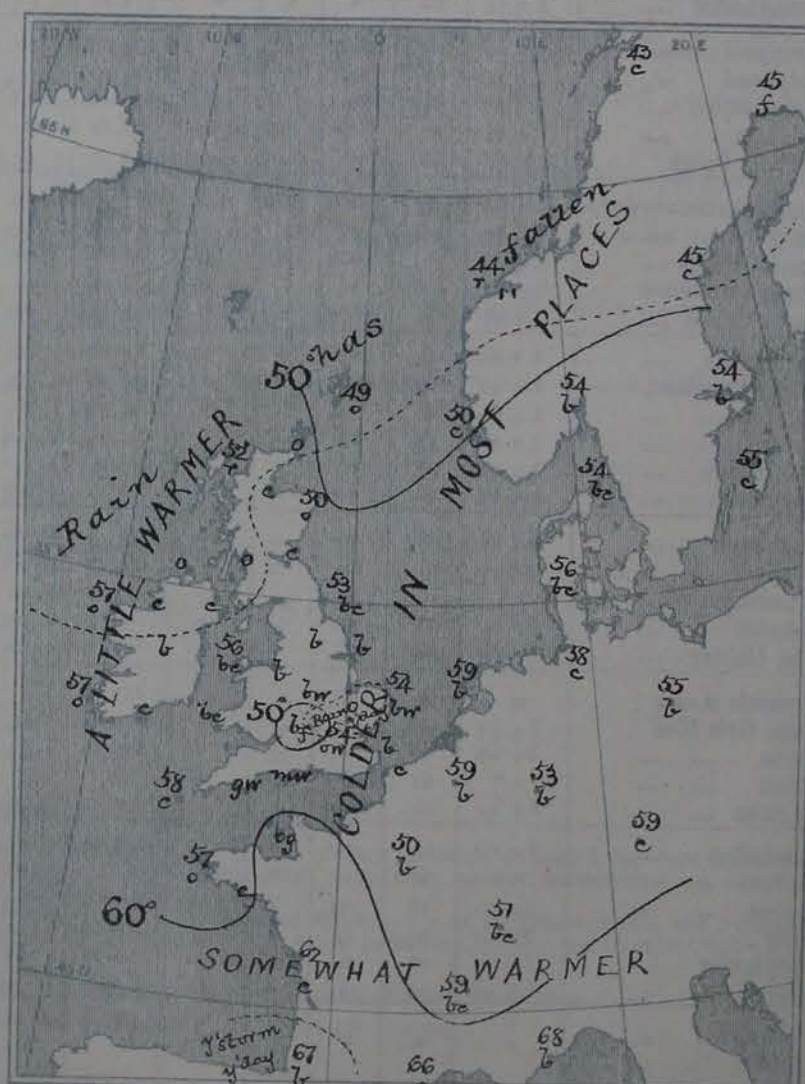
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------|---------------|---------------|-----------|-----------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. | at 4 p.m. | |
| Sumburgh Head | 56.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.1 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.3 | 51.3 | 48.0 | 2.38 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 59.4 | 52.7 | 55.6 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.0 | 51.0 | 51.0 | 1.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.8 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.8 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.5 | 47.4 | 55.0 | 51.4 | 3.16 |
| Valencia | 61.8 | 51.5 | 55.5 | 54.2 | 4.52 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 54.4 | 4.08 |
| Pembroke | 60.1 | 55.0 | 56.1 | 53.9 | 3.58 |
| Scilly | 61.8 | 51.7 | 58.4 | 56.5 | 3.11 |
| Prawle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.19 |
| Jersey | 65.1 | 54.8 | 63.0 | 57.0 | 3.03 |
| Harst Castle | 64.3 | 52.1 | 61.1 | 55.7 | 3.01 |
| Dover | 65.1 | 52.0 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.5 | 55.8 | 53.5 | 2.35 |
| Oxford | 64.0 | 48.0 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.6 | 48.1 | 54.6 | 53.0 | 2.20 |
| Yarmouth | 62.1 | 51.4 | 55.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1865-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in: and more to 30.0 in: over Germany, France, and the southeastern and southern parts of England.
Lowest, 29.5 in: and less, off the extreme northwest of Scotland and the northwest of Norway.

Gradients slight in the south, moderate in the north.

Barometer beginning to fall again in Ireland, rising on our northeastern and eastern coasts.

TEMPERATURE

Highest, 66° to 68° over the southern parts of France, 63° at Jersey, 60° at Dungeness, 59° at the Hebrides.

Lowest, (1) 43° to 45° over the northern parts of Scandinavia; (2) 47° at Oxford, 50° at Cambridge, and also at Paris.

The maxima over England yesterday ranged between 60° and 66°; those over France between 68° and 81°. The night was cool over England.

WIND

E³, light to moderate on the west coast of France, and very light in the Channel; S² to SW² in our Islands and strong on the extreme west and northwest coasts; W², moderate to strong on the eastern shores of the North Sea.

WEATHER

Fine generally over Germany, France, and England, dull in the extreme west, with showers in places; dull and rainy over Scandinavia.

Rainfall since yesterday has been slight, and confined to the western and northern parts of our area.

SEA

Rough in the north, moderate in the west, slight to smooth in the south and east.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

A new low-pressure system is approaching our northwestern coast from the southwestward, and is likely to cause more wind, and, rain, in the west and north.

FORECASTS

For the 24 hours ending at NOON on 27th September, 1892.

DISTRICTS.

FORECASTS.

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

SW² winds, strong; rain at times.
SW² winds, freshening; fair to showery.
S² and SW² winds, light or moderate; fair, warmer, perhaps some rain later.

DISTRICTS.

FORECASTS.

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

Same as No. 0.
S² winds, freshening; some rain.
S² and SW² winds, strong; squally, rainy.

WARNINGS

NONE ISSUED.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. Dirac. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. Dirac. | F. | WEA. | SEA. |
|--------------------|-------|-------|------|-----------------|----|------|------|--------------------|-------|-------|------|-----------------|----|------|------|
| | | Dry. | Wet. | | | | | | | Dry. | Wet. | | | | |
| Skudesnaes ... | 29.42 | 54 | 52 | SW | 8 | 0 | 6 | Valencia ... | | | | | | | |
| Burnburgh Head ... | | | | | | | | Soilly ... | | | | | | | |
| Stornoway ... | 29.37 | 53 | 50 | W | 4 | bc | 4 | Jersey ... | 30.03 | 66 | 61 | S | 2 | bc | 2 |
| Aberdeen ... | | | | | | | | Hurst Castle ... | | | | | | | |
| Shields ... | | | | | | | | Dungeness ... | 29.97 | 62 | 59 | WSW | 5 | c | 2 |
| Ardrossan ... | | | | | | | | North Foreland ... | 29.96 | 62 | 58 | SW | 4 | bc | 3 |
| Malin Head ... | 29.59 | 54 | 50 | WSW | 6 | c | 4 | London ... | | | | | | | |
| Mullaghmore ... | | | | | | | | Yarmouth ... | | | | | | | |
| Belmullet ... | 29.72 | 53 | 52 | W | 5 | c | 3 | Rochefort ... | 30.02 | 77 | 68 | WSW | 2 | bc | 4 |
| Holyhead ... | 29.80 | 61 | 56 | SW | 5 | b | 5 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather fair over the greater part of the United Kingdom, but rainy in the Shetlands, the Hebrides and the north of Ireland. Dull at many of the Continental stations, with rain over the south of Norway and the Gulf of Bohemia, but fine and bright in Denmark and the southern parts of France, Sweden and Russia, as well as at some of the German stations. A little rain falling during day in the extreme northwest and north of our Islands generally, as well as at some of the inland English stations; thunderstorm occurring at Biarritz.

Temperature in morning highest 78° at Barcelona, 76° at Algiers, 74° at Brindisi, and 73° at Aram and Malta, above 65° at most of the Mediterranean and Adriatic stations. Lowest 33° at Kharkov, 37° at Archangel, Moscow and St. Petersburg, and 43° at Uleaborg, Kiev and Nicolaieff; below 50° over Russia and the northern parts of Scandinavia generally. Rising during day to between 60° and 66° in all but the extreme north and northwestern parts of the United Kingdom, and reaching 68° at Jersey. Rising to between 75° and 80° at several of the French stations.

Wind moderate to strong from the SWnd over our Islands, Scandinavia, Denmark and the Baltic, with a gale in the south of Norway, light from the Snd or SEnd over the northern parts of Russia. Light and variable over the greater part of central, southern and eastern Europe, but E^{ly} or SE^{ly} in the west of France. Subsequently veering to the Wnd at most of the Irish and Scotch stations and becoming light or moderate in force.

Barometer highest 30.2 ins. and upwards in a large anticyclone over Russia, 30.1 ins. and upwards in another system lying over central France and south Germany. Lowest 29.2 ins. and less in a large depression lying to the northward of our Islands and the westward of Norway; gradients rather steep over the United Kingdom and the North Sea. Depression subsequently travelling away to the northward and barometer rising in almost all parts of northwestern Europe.

SUMMARY OF CHANGES IN THE WEATHER OVER THE BRITISH ISLANDS AND THEIR NEIGHBOURHOOD. FROM THE 18TH TO 24TH SEPT. 1892.

In the course of this week, the weather experienced over the United Kingdom was of a very changeable, unsettled character. At its commencement pressure was just recovering over our western and northern districts from a disturbance, the centre of which had moved northwards outside our extreme northwestern and northern coasts, and the sky was beginning to clear at our northern stations generally.

Monday night, however, brought a sudden change - a shallow and complex low-pressure system advancing over the southern parts of our Islands from the westward, and moving slowly - so slowly indeed that it still lay over Holland on Friday, when, however, it had undergone great modification in form and was extremely shallow. This system brought with it very heavy rains, thunder, lightning and hail to all the southern and midland parts of the Kingdom, with mild, close, misty air between the falls, while in the north and northwest the thermometer fell so fast that very sharp frosts were experienced at night over Scotland - the temperature at Naim going down to 25° in the shade on one occasion.

Friday, however, saw this disturbance die out, while the weather improved over England. Simultaneously, however, larger and deeper depressions began to appear in the northwest and north, in which regions squally winds from SW. and S. set in at once, with rain, and a generally unsettled appearance.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

“ Weekly “ “ “ £1 10 0 “

DAILY WEATHER REPORT

for 8 a.m. on Tuesday 27th September. 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|-----------------------------|--|-------|---|--------------|----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------------|------------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dir. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dir. | Force (0 to 12). | | Max. | Min. |
| | | Inch. | ° | | | | Inch. | ° | ° | ° | | | | | | ° | Inch. | | | |
| SCANDINAVIA. | Haparanda ... | 29.47 | 43 | SW | 2 | b | 29.65 | +34 | 30 | 36 | -6 | N | 2 | b | * | 50 | 30 | — | | |
| | Hernösand ... | 29.76 | 50 | 2 | 0 | b | 29.82 | +30 | 30 | 38 | -6 | SW | 2 | bc | * | 50 | 20 | — | | |
| | Stockholm ... | 29.84 | 50 | W | 2 | b | 29.91 | +28 | 50 | 45 | -4 | SW | 2 | bc | * | 61 | 46 | — | | |
| | Wisby ... | 29.93 | 55 | W | 6 | b | 29.98 | +20 | 53 | 51 | -2 | WNW | 4 | bc | * | 50 | 50 | — | | |
| | Bodö ... | 29.56 | 52 | SW | 2 | 0 | 29.69 | +38 | 43 | 42 | 0 | ENE | 1 | b | * | 52 | 20 | 0.12 | | |
| | Christiansund... | 29.61 | 48 | SW | 6 | 0 | 29.45 | -04 | 57 | 47 | +7 | ENE | 5 | 0 | 3 | 52 | 44 | 0.20 | | |
| | Skudesnaes ... | 29.75 | 54 | S | 0 | 0 | 29.54 | -10 | 56 | 54 | +6 | SE | 7 | 0 | 5 | 5 | 5 | — | | |
| | Christiania Fjord (Færd) | 29.80 | 53 | WNW | 6 | b | 29.76 | +10 | 53 | 53 | +1 | SE | 4 | 0 | 4 | 5 | 54 | — | | |
| | Skagen (The Scaw) | 29.93 | 57 | W | 2 | bc | 29.80 | +03 | 56 | 53 | +2 | SW | 4 | 0 | 2 | bc | 55 | 50 | — | |
| | Fanö ... | 29.93 | 55 | SE | 2 | b | 29.78 | -10 | 57 | 56 | +1 | SW | 4 | c | * | 63 | 54 | — | | |
| BRITISH ISLANDS. | Sumburgh Head | 29.41 | 50 | S | 4 | T | 29.13 | -30 | 43 | 43 | 0 | SE | 1 | T | 5 | 52 | 42 | 0.28 | | |
| | Stornoway ... | 29.21 | 55 | SW | 8 | T | 29.09 | -30 | 45 | 45 | -7 | 2 | 0 | 0 | 4 | 55 | 43 | 0.42 | | |
| | Wick ... | 29.30 | 53 | SW | 5 | C | 29.13 | -45 | 43 | 43 | -2 | S | 2 | T | 3 | 56 | 42 | 0.25 | | |
| | Nairn ... | 29.36 | 56 | SW | 2 | C | 29.12 | -45 | 43 | 43 | -4 | 2 | 0 | C | 1 | 59 | 47 | 0.19 | | |
| | Aberdeen ... | 29.54 | 54 | S | 5 | 0 | 29.5 | -35 | 53 | 54 | +5 | S | 6 | opu | 6 | 56 | 50 | 0.06 | | |
| | Leith ... | 29.58 | 55 | SW | 4 | C | 29.10 | -58 | 53 | 53 | +5 | SW | 5 | T | * | 61 | 57 | 0.06 | | |
| | Shields ... | 29.71 | 55 | SW | 4 | 0 | 29.30 | -48 | 53 | 53 | +5 | SW | 4 | C | 2 | 60 | 57 | 0.06 | | |
| | Spurn Head ... | 29.84 | 58 | SW | 2 | bc | 29.50 | -30 | 56 | 56 | +2 | S | 5 | C | 3 | 63 | 53 | — | | |
| | York ... | 29.81 | 60 | S | 2 | bc | 29.52 | -42 | 58 | 53 | +5 | S | 2 | C | * | 63 | 48 | — | | |
| | Loughborough | 29.80 | 56 | SW | 2 | C | 29.63 | -30 | 57 | 54 | +5 | SW | 4 | ogu | * | 67 | 57 | — | | |
| BRITISH ISLANDS. | Ardrossan ... | 29.56 | 56 | SW | 5 | 0 | 29.23 | -54 | 52 | 52 | -2 | SW | 3 | T | 3 | 56 | 57 | 0.24 | | |
| | Malin Head ... | 29.38 | 56 | S | 6 | ogu | 29.18 | -45 | 43 | 43 | -3 | SW | 5 | bf | 3 | 55 | 43 | 0.18 | | |
| | Mullaghmore ... | 29.44 | 57 | SW | 7 | ogu | 29.28 | -46 | 51 | 49 | -2 | SW | 6 | C | 5 | 52 | 50 | 0.68 | | |
| | Belmullet ... | 29.43 | 56 | WNW | 8 | T | 29.29 | -41 | 52 | 46 | -5 | W | 6 | C | * | 58 | 43 | 0.30 | | |
| | Donaghadee ... | 29.61 | 57 | WNW | 6 | 0 | 29.28 | -52 | 52 | 52 | -2 | WNW | 5 | 0 | 3 | 61 | 52 | 0.32 | | |
| | Liverpool (Bidston) | 29.81 | 57 | SW | 2 | 0 | 29.49 | -46 | 58 | 56 | +6 | SE | 4 | C | 4 | 63 | 52 | 0.03 | | |
| | Holyhead ... | 29.77 | 57 | SW | 4 | cmg | 29.41 | -50 | 58 | 57 | +2 | SW | 7 | rmg | 5 | 61 | 53 | 0.21 | | |
| | Parsonstown ... | 29.65 | 58 | SW | 2 | 0 | 29.40 | -44 | 57 | 49 | +1 | SW | 7 | rmg | * | 63 | 50 | 0.40 | | |
| | Valencia ... | 29.71 | 58 | S | 5 | om | 29.52 | -36 | 52 | 50 | -5 | WNW | 5 | og | 5 | 60 | 51 | 0.41 | | |
| | Roche's Point | 29.75 | 58 | SW | 4 | C | 29.51 | -40 | 53 | 54 | -3 | W | 4 | 0 | 4 | 60 | 55 | 0.03 | | |
| BRITISH ISLANDS. | Pembroke (St. Ann's Hd.) | 29.80 | 57 | SW | 4 | C | 29.54 | -43 | 53 | 53 | +1 | SW | 7 | Tg | 6 | 60 | 57 | 0.06 | | |
| | Scilly ... | 29.50 | 57 | SW | 2 | Cp | 29.65 | -31 | 61 | 58 | +3 | SW | 5 | C | 5 | 64 | 55 | — | | |
| | Prawle Point ... | 29.93 | 57 | SE | 2 | bc | 29.74 | -30 | 58 | 58 | +3 | SW | 5 | og | 4 | 61 | 55 | — | | |
| | Jersey (St. Aubin's) | 29.88 | 65 | WNW | 1 | ogu | 29.86 | -17 | 64 | 60 | +1 | SW | 3 | bu | 3 | 72 | 54 | — | | |
| | Hurst Castle ... | 29.93 | 61 | ENE | 1 | C | 29.79 | -25 | 61 | 59 | +3 | SW | 5 | C | 2 | 64 | 57 | — | | |
| | Dungeness ... | 29.84 | 61 | E | 1 | bc | 29.81 | -22 | 61 | 60 | +1 | W | 5 | bc | 4 | 66 | 58 | — | | |
| | North Foreland | 29.83 | 60 | S | 2 | bc | 29.77 | -26 | 61 | 59 | +1 | SW | 2 | bu | 3 | 64 | 55 | — | | |
| | London ... | 29.83 | 61 | SW | 1 | 0 | 29.75 | -30 | 60 | 57 | +6 | SW | 3 | C | * | 65 | 52 | — | | |
| | Oxford ... | 29.80 | 57 | SW | 2 | b | 29.71 | -33 | 58 | 56 | +11 | SW | 2 | 0 | * | 63 | 49 | — | | |
| | Cambridge ... | 29.88 | 60 | SW | 1 | bc | 29.71 | -33 | 58 | 57 | +1 | SW | 2 | 0 | * | 66 | 49 | — | | |
| GERMANY & HOLLAND. | Yarmouth ... | 29.82 | 60 | SW | 3 | C | 29.72 | -20 | 58 | 55 | +4 | SW | 3 | bu | 2 | 62 | 51 | — | | |
| | Cuxhaven ... | 29.88 | 56 | 2 | 0 | b | 29.81 | -14 | 56 | 54 | -2 | S | 3 | b | * | 61 | 53 | 0.08 | | |
| | Berlin ... | 29.09 | 63 | 2 | 0 | C | 30.00 | -10 | 55 | 54 | 0 | SE | 2 | bc | * | 68 | 52 | — | | |
| | Wiesbaden ... | 29.15 | 58 | SE | 1 | b | 29.88 | -10 | 55 | 54 | +2 | 2 | 0 | bc | * | 68 | 50 | — | | |
| | Munich ... | 29.15 | 58 | SE | 1 | b | 29.11 | -08 | 55 | 56 | -2 | SW | 2 | b | * | 70 | 52 | — | | |
| | The Helder ... | 29.88 | 58 | SW | 1 | b | 29.77 | -20 | 60 | 59 | +1 | SW | 3 | bc | 2 | 63 | 57 | — | | |
| | Brussels (9 a.m.) | * | * | * | * | * | 29.80 | -21 | 63 | 60 | +4 | SW | 4 | bc | * | 71 | 59 | — | | |
| | Cape Gris Nez | 29.80 | 61 | NE | 2 | C | 29.84 | -10 | 55 | 58 | +2 | WNW | 4 | bc | 4 | 66 | 57 | — | | |
| | Paris ... | 29.80 | 61 | SE | 2 | b | 29.83 | -10 | 61 | 60 | +11 | S | 1 | bc | * | 70 | 52 | — | | |
| | Brest ... | 29.80 | 61 | N | 2 | C | 29.80 | -10 | 60 | 59 | +3 | SW | 3 | C | 3 | 66 | 52 | — | | |
| FRANCE AND BELGIUM. | Lorient ... | 29.88 | 63 | WNW | 3 | C | 29.80 | -12 | 60 | 60 | +1 | S | 2 | C | 2 | 66 | 57 | — | | |
| | Rochefort ... | ? | 71 | WN | 2 | b | 29.82 | -05 | 64 | 63 | +2 | ENE | 2 | b | * | 84 | 61 | — | | |
| | Belfort ... | ? | 72 | S | 2 | b | 29.04 | -06 | 62 | 58 | +11 | 2 | 0 | b | * | 81 | 58 | — | | |
| | Lyons ... | 29.00 | 72 | S | 2 | b | 29.09 | 0.0 | 61 | 61 | +3 | ENE | 1 | b | * | 75 | 63 | — | | |
| | Nice ... | 29.10 | 65 | 2 | 0 | b | 29.03 | -02 | 61 | 61 | +1 | E | 1 | b | * | 75 | 65 | — | | |
| | Perpignan ... | 29.04 | 70 | NE | 3 | 0 | 29.03 | -02 | 61 | 61 | +1 | NE | 2 | f | * | 75 | 65 | — | | |
| | Biarritz ... | 29.88 | 71 | 2 | 0 | b | 29.80 | -05 | 61 | 61 | +1 | SW | 3 | C | 3 | 77 | 66 | — | | |
| | Corunna ... | 29.88 | 66 | * | * | * | 29.02 | +12 | 64 | 61 | 0 | N | 3 | C | * | 77 | 63 | — | | |
| | Lisbon ... | 29.88 | 66 | N | 4 | C | 29.02 | +12 | 64 | 61 | 0 | N | 3 | C | * | 77 | 63 | — | | |
| | PENINSULAR. | | | | | | | | | | | | | | | | | | | |
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For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Charts on next page.

WEATHER CHARTS

for 8 a.m. on Tuesday, 27th Sept. 1892.

BAROMETER, WIND AND 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.

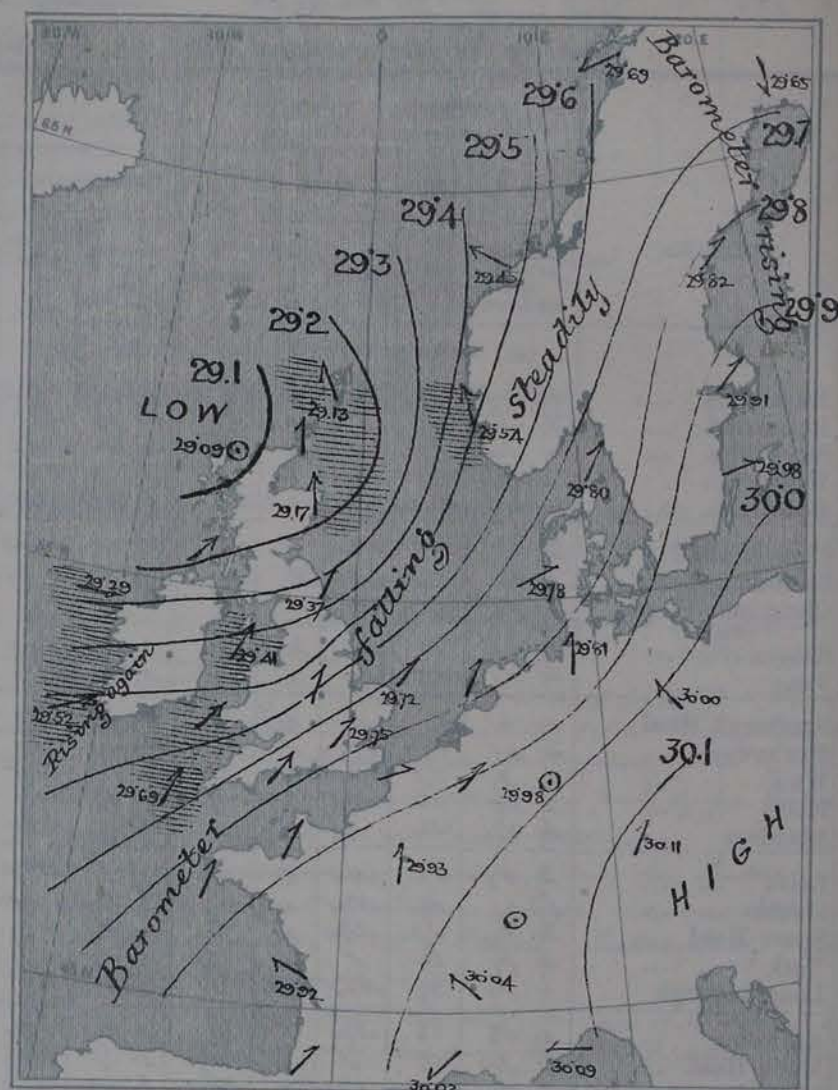
SEA DISTURBANCE—Where considerable, is shown thus:

⊞ = Rough. ⊞ = High.

MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years, 1871-1890.

| STATIONS. | MEAN READINGS. |
|--------------------|----------------|
| Sumburgh Head..... | 29.797 |
| Stornoway..... | 29.815 |
| Wick..... | 29.829 |
| Nairn..... | 29.843 |
| Aberdeen..... | 29.858 |
| Leith..... | 29.881 |
| Shields..... | 29.903 |
| Spurn Head..... | 29.929 |
| York..... | 29.939 |
| Loughborough..... | 29.959 |
| Ardrossan..... | 29.885 |
| Mullaghmore..... | 29.890 |
| Donaghadee..... | 29.905 |
| Holyhead..... | 29.929 |
| Liverpool..... | 29.935 |
| Parsonstown..... | 29.937 |
| Valencia..... | 29.947 |
| Roche's Point..... | 29.940 |
| Pembroke..... | 29.948 |
| Scilly..... | 29.971 |
| Prawle Point..... | 29.998 |
| Jersey..... | 29.988 |
| Hurst Castle..... | 29.991 |
| Dover..... | 29.970 |
| LONDON..... | 29.978 |
| Oxford..... | 29.971 |
| Cambridge..... | 29.965 |
| Yarmouth..... | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|--------------------|---------------|---------------|-----------|------|-----------------------|
| | Daily Max. | Daily Min. | at 8 a.m. | | |
| | | | Dry. | Wet. | |
| Sumburgh Head..... | 55.0 | 40.1 | 50.8 | 49.1 | 3.32 |
| Stornoway..... | 50.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick..... | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn..... | 59.2 | 40.5 | 51.3 | 48.0 | 2.58 |
| Aberdeen..... | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith..... | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields..... | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head..... | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York..... | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough..... | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan..... | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore..... | 59.2 | 50.9 | 54.0 | 51.6 | 4.95 |
| Donaghadee..... | 59.0 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead..... | 60.7 | 52.6 | 55.7 | 53.5 | 3.28 |
| Liverpool..... | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown..... | 61.5 | 47.4 | 53.0 | 51.1 | 3.11 |
| Valencia..... | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point..... | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke..... | 60.1 | 53.0 | 58.1 | 53.9 | 3.58 |
| Scilly..... | 61.8 | 54.7 | 58.4 | 56.3 | 3.41 |
| Prawle Point..... | 62.4 | 52.2 | 57.0 | 55.2 | 2.46 |
| Jersey..... | 65.4 | 54.8 | 59.9 | 57.0 | 8.03 |
| Hurst Castle..... | 64.3 | 52.1 | 57.1 | 55.7 | 1.01 |
| Dover..... | 63.4 | 52.0 | 57.7 | 55.2 | 2.04 |
| LONDON..... | 66.4 | 49.6 | 55.8 | 53.5 | 2.35 |
| Oxford..... | 64.0 | 48.0 | 54.0 | 52.1 | 2.00 |
| Cambridge..... | 65.0 | 48.1 | 54.6 | 53.0 | 2.20 |
| Yarmouth..... | 62.1 | 51.4 | 56.2 | 54.1 | 2.01 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.1 in. and upwards over South Germany.

Lowest, 29.1 in. and less, in a large depression the centre of which lay off the northwest of Scotland.

Gradients rather steep over the west and north of England and the western parts of the North Sea, but moderate or slight elsewhere.

Barometer falling in most parts of Western Europe, but rising again at Valencia Island.

TEMPERATURE

Highest, 68° at Nice and Biarritz, 67° at Perpignan, 64° at Jersey, Rochefort, and Lisbon, and 63° at Barcelona.

Lowest, 39° at Haparanda and Hemisland, 43° at Bodø, 45° at Stornoway, and 49° at Sumburgh Head, Kirk, Hain, and Malin Head.

The highest maxima registered over our islands yesterday were 72° at Jersey and 67° at Loughborough.

WIND

Moderate to strong from the Wnd in Ireland, from the SWnd over England, and from the Snd or SWnd on the eastern shores of the North Sea.

Light from the End over the southern parts of France; Snd or SEnd in Germany.

Since yesterday morning a fresh to strong gale from the Snd or SWnd has prevailed on some parts of our western and northern coasts.

WEATHER

Dull in nearly all the more western and northern parts of the United Kingdom and also in the west of Norway with rain in many places.

Fine in the extreme southeast of England and also in France, the Netherlands, Germany, and Sweden.

Rain has fallen in the west and north of our islands generally, the largest amounts being 0.7 in. at Mullaghmore and 0.5 in. at Rockport.

A solar halo was seen yesterday at the North Foreland.

SEA

Rough or rather so on several of the more exposed parts of our southwestern, western, and northern coasts.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

The large depression in the north is apparently moving northwards, but is at the same time spreading out in a southerly direction. Unsettled showery weather seems likely to extend to our southern and southeasterly districts, with strong SWnd winds on the Channel coasts.

FORECASTS

For the 24 hours ending at NOON on 28th September, 1892.

DISTRICTS.

FORECASTS.

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

Snd and SWnd winds, strong in places; unsettled, rain at times.

Snd and SWnd winds, strong, perhaps a gale; squally, some rain.

SWnd winds, freshening considerably, strong on coast, cloudy, squally, some rain.

DISTRICTS.

FORECASTS.

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

SWnd to Wnd strong winds or gales; squally, rain at times.

SWnd to Wnd winds, strong, squally, showery.

Wnd winds, backing later, squally, some rain.

WARNINGS

At 3.30 pm yesterday to districts 0, 1, 6, 7, 9, and 10, and at 7.10 pm, to district 2 and part of 8, "Hoist South Cone".

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND | F. | WEA. | SEA. | | BAR. | THER. | | WIND | F. | WEA. | SEA. |
|-------------------|-------|-------|------|--------|----|------|------|--------------------|-------|-------|------|--------|----|------|------|
| | | Dry. | Wet. | Dirac. | | | | | | Dry. | Wet. | Dirac. | | | |
| Skudesnaes ... | 29.86 | 52.4 | 45 | S | 6 | 0 | 5 | Valencia ... | 29.78 | 60 | 5 | S | 5 | 0 | 5 |
| Sumburgh Head ... | 29.50 | 51 | 50 | SEW | 4 | 7 | 5 | Scilly ... | 29.86 | 63 | 60 | S | 3 | c | 4 |
| Stornoway ... | 29.36 | 53 | 52 | SEW | 8 | 7 | 6 | Jersey ... | 29.96 | 70 | 64 | E | 1 | bc | 1 |
| Aberdeen ... | 29.65 | 53 | 51 | S | 3 | 09 | 3 | Hurst Castle ... | 29.88 | 63 | 60 | SE | 1 | c | 0 |
| Shields ... | 29.82 | 61 | 57 | S | 3 | 0 | 2 | Dungeness ... | 29.88 | 65 | 62 | SE | 1 | bc | 1 |
| Ardrossan ... | 29.68 | 53 | 52 | SEW | 5 | 0 | 5 | North Foreland ... | 29.88 | 62 | 60 | S | 2 | 0 | 3 |
| Malin Head ... | 29.24 | 53 | 52 | S | 5 | 0 | 4 | London ... | 29.88 | 65 | 60 | SEW | 1 | 0 | * |
| Mullaghmore ... | 29.61 | 58 | 54 | SEW | 6 | 0mg | 4 | Yarmouth ... | 29.87 | 61 | 57 | WSEW | 3 | bc | 2 |
| Belmullet ... | 29.58 | 57 | 55 | WSEW | 7 | 0p | * | Rochefort ... | 29.86 | 63 | 73 | 2 | 0 | b | * |
| Holyhead ... | 29.85 | 59 | 57 | SEW | 4 | 0g | 4 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over the greater part of southeastern, southern, and western Europe, including a large portion of England and the east of Ireland, cloudy or overcast in the far west and over northern Europe, with rain in several places. A considerable fall of rain later at our western and northern stations, and a little in some parts of Norway and at Buchhaven; weather fine elsewhere and bright in many places.

Temperature rather lower than on previous morning. Readings now exceeding 70° on the southern and western shores of the Mediterranean only, but exceeding 60° over southern and southeastern Europe generally. Exceeding 50° over nearly the whole of the British Isles, North Sea and Germany, lower elsewhere. Lowest of all 41° at Archangel, 43° at Poots and Kharkov, 44° at Moscow and Christiansund, 46° at St. Petersburg, 48° at Sumburgh Head and York. Rising later to between 75° and 84° over the greater part of France and to 72° at Jersey, but failing to reach 70° over the greater part of the United Kingdom and Germany, and not exceeding 52° at Sumburgh Head.

Wind light and anticyclonic over the greater part of the Continent, light from the E. in the west of France and in the English Channel; moderate to strong from the S. over Ireland, light to moderate S. and SW. over North Britain; moderate to strong W. on the eastern shores of the North Sea, SW. over the Baltic, and very light E. in Lapland. Rising to a gale from S. and SW. in Ireland and Scotland later, and becoming very variable in the Channel.

Barometer highest 30.2 in. and more over the south of Russia, and exceeding 29.9 in. over Spain, France and Central Europe. Lowest about 29.3 in. and less, over Lapland and 29.5 in. and less, off the extreme northwest of Scotland. Falling fast on our northwest coast, later as a new depression approached these regions from the southward.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

WEATHER.—Beaufort Scale is b. blue sky; c. detached clouds; d. drizzling rain; f. fog; g. dark, gloomy; h. hail; l. lightning; m. misty (heavy); 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.
N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.
" Weekly " " " £1 10 0 ..

DAILY WEATHER REPORT

for 8 a.m. on Wednesday, 28th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|---------------------|-------------------------------|--|-------|---|--------------|----------|---|---------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|-------------|---------------------|------------------------|------|------|
| | | Barom. | Temp. | Wind. | | Weather. | Barometer. | | Shade Temp. | | | Wind. | | Sea (0 to 9). | Weather. | Shade Temp. | | Amount of Rainfall. | | |
| | | | | Reading at 5 P.M. and Sea Level. | Dry Bulb. | | Dirac. | Force (0 to 12). | Reading at 5 P.M. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dirac. | Force (0 to 12). | | Max. | Min. |
| | | Inch. | ° | | | | Inch. | | ° | ° | ° | | | | | | ° | Inch. | | |
| SCANDINAVIA. | Haparanda ... | 29.79 | 39 | Z | 0 | 0 | 29.85 | +20 | 35 | 33 | - | 4 | E | 4 | b | # | 0 | 50 | 32 | - |
| | Hernösand ... | 29.71 | 48 | S | 2 | 0 | 29.60 | -22 | 47 | 46 | + | 8 | Z | 0 | f | # | 0 | 54 | 32 | - |
| | Stockholm ... | 29.81 | 55 | SSW | 2 | 0 | 29.64 | -27 | 57 | 54 | + | 7 | SSW | 2 | 0 | # | 0 | 61 | 43 | - |
| | Wisby ... | 29.86 | 56 | SSW | 4 | bc | 29.73 | -25 | 58 | 56 | + | 5 | SSW | 4 | b | # | bc | 61 | 32 | - |
| | Bodö ... | 29.52 | 47 | E | 5 | b | 29.44 | -25 | 49 | 47 | + | 6 | ESE | 6 | 0 | 3 | b | 49 | 41 | - |
| | Christiansund... | 29.16 | 59 | SE | 5 | 0 | 29.25 | -20 | 48 | 46 | - | 3 | NNW | 3 | r | 5 | 0 | 57 | 46 | 0.35 |
| | Skudesnaes ... | 29.40 | 55 | SSE | 8 | r | 29.30 | -24 | 53 | 50 | - | 3 | S | 8 | c | 5 | a.r | 57 | 48 | 0.47 |
| | Christiania Fjord (Færder) | 29.56 | 58 | SSE | 6 | 0 | 29.41 | -35 | 58 | 56 | + | 3 | SSE | 5 | 0 | 4 | 0 | 58 | 55 | - |
| | Skagen (The Scaw) | 29.59 | 57 | SW | 3 | bc | 29.49 | -31 | 57 | 56 | + | 1 | SSW | 6 | r | 3 | bc | 59 | 55 | 0.16 |
| | Fanø ... | 29.65 | 59 | S | 5 | c | 29.50 | -28 | 59 | 59 | + | 2 | SSW | 4 | 0 | # | c.r | 64 | 57 | 0.63 |
| BRITISH ISLANDS. | Sumburgh Head | 29.09 | 47 | W | 3 | c | 29.13 | 00 | 43 | 42 | - | 6 | WNW | 4 | r | 4 | 0.c | 51 | 42 | 0.35 |
| | Stornoway ... | 29.11 | 45 | Z | 0 | bc | 29.35 | +26 | 44 | 42 | - | 1 | W | 4 | c | 4 | c.bc | 50 | 40 | 0.15 |
| | Wick ... | 29.13 | 48 | SW | 3 | c | 29.30 | +17 | 44 | 42 | - | 5 | WNW | 5 | bc | 3 | c | 54 | 40 | 0.22 |
| | Nairn ... | 29.13 | 47 | SW | 2 | r | 29.39 | +27 | 44 | 42 | - | 5 | SW | 2 | bc | 2 | r | 55 | 39 | 0.11 |
| | Aberdeen ... | 29.21 | 51 | SSW | 4 | cq | 29.42 | +25 | 47 | 42 | - | 8 | WSW | 4 | bc | 3 | bc.cq | 56 | 40 | 0.01 |
| | Leith ... | 29.26 | 52 | SW | 4 | bc | 29.56 | +37 | 45 | 42 | - | 13 | SW | 2 | bc | # | bc | 59 | 42 | 0.17 |
| | Shields ... | 29.39 | 53 | SSW | 4 | 0 | 29.58 | +21 | 47 | 45 | - | 11 | SW | 3 | b | 2 | op | 62 | 44 | - |
| | Spurn Head ... | 29.52 | 54 | WSW | 2 | rm | 29.67 | +08 | 49 | 48 | - | 7 | WSW | 4 | b | 4 | rm | 65 | 46 | 0.12 |
| | York ... | 29.49 | 53 | S | 1 | r | 29.64 | +12 | 48 | 46 | - | 10 | WSW | 1 | b | # | r | 65 | 43 | 0.13 |
| | Loughborough | 29.57 | 53 | WSW | 2 | 0 | 29.72 | +09 | 47 | 45 | - | 10 | WSW | 3 | bw | # | 0 | 66 | 43 | 0.35 |
| GERMANY & HOLLAND. | Ardrossan ... | 29.25 | 53 | SW | 5 | c | 29.59 | +36 | 48 | 47 | - | 4 | WSW | 3 | b | 2 | c | 54 | 44 | 0.35 |
| | Malin Head ... | 29.18 | 48 | WSW | 6 | chrpq | 29.59 | +41 | 48 | 44 | - | 1 | WNW | 5 | bcnp | 4 | chrpq | 54 | 45 | 0.19 |
| | Mullaghmore ... | 29.34 | 50 | W | 8 | cqp | 29.70 | +42 | 48 | 44 | - | 3 | SW | 5 | bcjp | 4 | cjpnq | 54 | 45 | 0.12 |
| | Belmullet ... | 29.42 | 49 | WNW | 6 | cqp | 29.75 | +46 | 49 | 45 | - | 3 | WNW | 4 | c | # | cqp | 55 | 45 | 0.14 |
| | Donaghadee ... | 29.35 | 51 | WSW | 6 | bc | 29.66 | +38 | 45 | 43 | - | 7 | WSW | 4 | b | 2 | bc | 55 | 43 | 0.06 |
| | Liverpool (Bidston) | 29.49 | 53 | SW | 2 | r | 29.69 | +20 | 49 | 47 | - | 9 | WSW | 4 | bc | 4 | r | 60 | 47 | 0.23 |
| | Holyhead ... | 29.50 | 52 | SW | 4 | og | 29.70 | +29 | 50 | 47 | - | 8 | WNW | 4 | bc | 4 | og.og | 58 | 47 | 0.08 |
| | Parsonstown ... | 29.49 | 50 | SW | 1 | c | 29.76 | +36 | 41 | 40 | - | 10 | Z | 0 | b | # | 0.c | 54 | 38 | 0.02 |
| | Valencia ... | 29.64 | 54 | WSW | 5 | bcq | 29.86 | +34 | 48 | 46 | - | 4 | NW | 2 | rm | 2 | cq | 56 | 46 | 0.12 |
| | Roche's Point | 29.61 | 53 | W | 4 | bc | 29.81 | +30 | 49 | 46 | - | 6 | NW | 2 | b | 3 | 0.bc | 56 | 45 | - |
| FRANCE AND BELGIUM. | Pembroke (St. Ann's Hd.) | 29.60 | 54 | W | 6 | r | 29.76 | +22 | 52 | 51 | - | 7 | W | 2 | bc | 4 | r | 60 | 48 | 0.34 |
| | Scilly ... | 29.67 | 53 | WNW | 5 | r | 29.81 | +12 | 56 | 51 | - | 5 | WNW | 5 | c | 4 | r | 62 | 49 | 0.40 |
| | Prawle Point ... | 29.62 | 57 | SW | 6 | r | 29.80 | +06 | 54 | 51 | - | 4 | W | 2 | b | 1 | po | 61 | 46 | 0.13 |
| | Jersey (St. Aubin's) | 29.74 | 67 | S | 3 | cm | 29.84 | -02 | 52 | 50 | - | 12 | NW | 3 | ogpm | 3 | bc.cm | 69 | 50 | 0.29 |
| | Hurst Castle ... | 29.66 | 63 | SW | 6 | cq | 29.79 | 00 | 51 | 49 | - | 10 | WNW | 3 | bcn | 3 | og.cq | 64 | 49 | 0.28 |
| | Dungeness ... | 29.70 | 64 | WSW | 5 | c | 29.78 | -03 | 50 | 49 | - | 11 | WNW | 2 | p | 2 | bc.c | 67 | 49 | 0.20 |
| | North Foreland | 29.63 | 64 | SW | 4 | bcq | 29.75 | -02 | 50 | 49 | - | 11 | WSW | 2 | ogp | 3 | bc.l | 68 | 48 | 0.12 |
| | London ... | 29.65 | 63 | S | 3 | c | 29.77 | +02 | 49 | 48 | - | 11 | SW | 2 | c | # | bc.cl.op | 66 | 46 | 0.17 |
| | Oxford ... | 29.62 | 51 | SW | 3 | r | 29.76 | +05 | 48 | 46 | - | 10 | SW | 1 | b | # | o.g.r | 64 | 45 | 0.32 |
| | Cambridge ... | 29.59 | 60 | SW | 4 | 0 | 29.75 | +04 | 49 | 47 | - | 9 | SW | 1 | b | # | 0 | 68 | 46 | 0.12 |
| PENINSULA. | Yarmouth ... | 29.62 | 63 | SSW | 4 | bc | 29.70 | -02 | 49 | 48 | - | 9 | WSW | 3 | c | 2 | b.bc | 66 | 47 | 0.10 |
| | Cuxhaven ... | 29.75 | 61 | SW | 3 | c | 29.59 | -22 | 62 | 61 | + | 6 | SSW | 4 | bc | # | c.g.r | 70 | 56 | 0.12 |
| | Berlin ... | 29.87 | 67 | Z | 0 | c | 29.82 | -18 | 62 | 60 | + | 7 | SE | 1 | c | # | c | 75 | 55 | - |
| | Wiesbaden ... | # | # | # | # | # | 29.88 | -10 | 62 | 59 | + | 7 | Z | 0 | 0 | # | # | 75 | 55 | - |
| | Munich ... | 30.08 | 60 | SW | 1 | b | 30.04 | -07 | 60 | 56 | + | 3 | SW | 2 | b | # | b | 75 | 52 | - |
| | The Helder ... | 29.75 | 63 | SW | 5 | bc | 29.71 | -06 | 54 | 51 | - | 6 | WNW | 5 | 0 | 3 | r | 66 | 54 | 0.08 |
| | Brussels (S.M.) | # | # | # | # | # | 29.73 | -14 | 64 | 59 | + | 4 | SSW | 5 | 0 | # | 0 | 71 | 60 | - |
| | Cape Gris Nez | 29.73 | 63 | SW | 4 | c | 29.76 | -08 | 51 | 51 | - | 8 | NW | 3 | r | 3 | c | 66 | 50 | 0.08 |
| | Paris ... | 29.82 | 72 | S | 2 | 0 | 29.82 | -11 | 61 | 59 | - | 0 | SW | 3 | bc | # | 0 | 78 | 61 | 0.08 |
| | Brest ... | # | 61 | SW | 3 | c | # | # | 50 | 49 | - | 10 | N | 2 | 0 | 2 | c | 68 | 46 | 0.16 |
| FRANCE AND BELGIUM. | Lorient ... | 29.80 | 63 | WSW | 5 | c | 29.86 | -03 | 52 | 50 | - | 8 | NNE | 4 | 0 | 3 | c | 70 | 52 | 0.24 |
| | Rochefort ... | 29.88 | 69 | WSW | 4 | bc | 29.86 | -06 | 66 | 63 | + | 2 | WSW | 4 | c | # | b.bc | 77 | 63 | - |
| | Belfort ... | # | 65 | E | 2 | bc | # | # | 60 | 52 | - | 2 | E | 2 | bc | # | bc | 81 | 58 | - |
| | Lyons ... | 29.95 | 73 | S | 4 | b | 29.99 | -05 | 65 | 59 | + | 3 | SSW | 1 | b | # | b.l | 82 | 62 | - |
| | Nice ... | 30.09 | 67 | Z | 0 | bc | 30.08 | -01 | 66 | 51 | - | 2 | Z | 0 | b | 2 | bc | 79 | 59 | - |
| | Perpignan ... | 30.00 | 69 | E | 2 | c | 29.99 | -04 | 65 | 46 | - | 2 | W | 2 | b | # | c | 80 | 62 | - |
| | Biarritz ... | 29.95 | 71 | W | 3 | 0 | 29.95 | +05 | 66 | 63 | - | 2 | WSW | 3 | 0 | 2 | 0 | 81 | 64 | - |
| | Corunna .. | # | # | # | # | # | # | # | # | # | # | # | # | # | # | # | # | # | # | # |
| | Lisben ... | 30.06 | 65 | N | 2 | b | 30.09 | +07 | 62 | 60 | - | 2 | WNW | 2 | c | # | b | 73 | 61 | - |

For Explanation of Columns, see bottom of last page

* Received too late for insertion in Chart on next page

WEATHER CHARTS

for 8 a.m. on Wednesday, 28th Sept: 1892,

BAROMETER, WIND AND 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

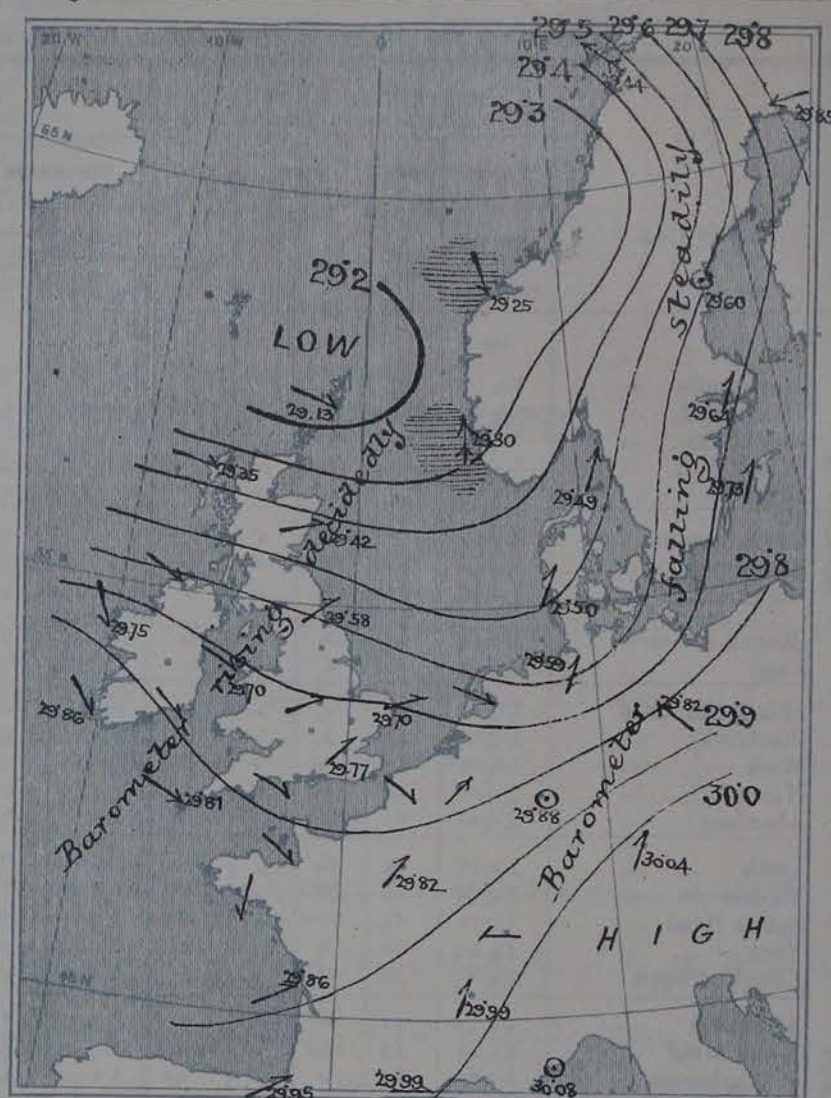
at 8.0 a.m. for the month of September

During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Seilly | 29.971 |
| Prawle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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 IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|--------------------|---------------|---------------|-----------|------|------------------------|
| | Daily Max. | Daily Min. | at 8 a.m. | | |
| | | | Dry. | Wet. | |
| Sumburgh Head..... | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway..... | 56.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick..... | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn..... | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen..... | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith..... | 61.9 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields..... | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head..... | 60.4 | 52.7 | 55.5 | 53.8 | 2.02 |
| York..... | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough..... | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan..... | 59.6 | 49.1 | 53.5 | 51.4 | 3.67 |
| Mullaghmore..... | 60.2 | 50.9 | 54.0 | 51.6 | 1.95 |
| Donaghadee..... | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead..... | 60.7 | 52.6 | 53.7 | 53.5 | 3.23 |
| Liverpool..... | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown..... | 61.5 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia..... | 61.8 | 51.5 | 55.5 | 54.2 | 4.53 |
| Roche's Point..... | 61.7 | 51.0 | 55.5 | 53.1 | 4.08 |
| Pembroke..... | 60.1 | 53.0 | 56.1 | 53.9 | 3.58 |
| Seilly..... | 61.8 | 54.7 | 58.1 | 56.3 | 3.41 |
| Prawle Point..... | 62.4 | 52.2 | 57.0 | 55.2 | 2.40 |
| Jersey..... | 65.4 | 54.8 | 59.9 | 57.0 | 3.05 |
| Hurst Castle..... | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover..... | 63.4 | 52.9 | 57.7 | 55.2 | 2.61 |
| LONDON..... | 66.4 | 49.6 | 53.8 | 53.5 | 2.35 |
| Oxford..... | 64.0 | 48.9 | 54.0 | 52.1 | 2.66 |
| Cambridge..... | 65.6 | 48.1 | 54.0 | 53.0 | 2.20 |
| Yarmouth..... | 62.1 | 51.1 | 56.3 | 54.4 | 2.01 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.0 in. and upwards, over the southern parts of France, Spain, and Germany.
 Lowest, 29.2 in. and less, in a depression lying to the northward of the Shetlands.
 Gradient moderate over Scandinavia and Germany, but slight elsewhere.
 Barometer rising over our islands and the greater part of France, but falling in Scandinavia, Denmark and Germany.

TEMPERATURE

Highest, 66° at Rochefort, Biarritz, and Nice, 65° at Lyons and Perpignan, and 62° at Copenhaven, Berlin, Wiesbaden, and Lisbon.
 Lowest, 35° at Haparanda, 41° at Heronston, 43° at Lumblygh 26th, and 44° at Stromsøy, Wick, and Kairi.
 The highest maxima registered over our islands ^{yesterday} were 63° at Jersey, and 68° at Lumblygh and the North Foreland.

WIND

Light or moderate from the West over the greater part of our islands and France, inclining to N.W. in the west and south, but to S.W. in the east.
 S^W on the eastern shores of the North Sea, with a gale at Skudesnaes; E^W in the north of Scandinavia.
 Light and variable in the south of France.

WEATHER

Fine in most parts of the United Kingdom, as well as in Germany and the south of France, but showery at Jersey, Dungeness, and the North Foreland.
 Dull in Scandinavia and Denmark, with rain at Christiansund and Skagen.
 Rain fell yesterday in nearly all parts of Northwestern Europe, and lightning was seen at night in the southeast of England.

SEA

Moderate to smooth generally, but rather rough off the west of Norway.



PROBABLE CHANGES IN SYSTEM NOW PREVALENT

There are at present no distinct indications of the advance of any new depression, but the general appearance is not at all settled.

FORECASTS

For the 24 hours ending at NOON on 29th SEPT 1892.

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|--------------------|--|------------------|---|
| 0 SCOTLAND NORTH | W ^W and NW ^W winds, backing later; fair generally. | 6 SCOTLAND WEST | Same as N ^o 0 and 1. |
| 1 SCOTLAND EAST | | 7 ENGLAND N.W. | |
| 2 ENGLAND N.E. | | 8 ENGLAND S.W. | |
| 3 ENGLAND EAST | Same as N ^o 5. | 9 IRELAND NORTH | NW ^W to SW ^W winds; fine to cloudy and unsettled. |
| 4 MIDLAND COUNTIES | | 10 IRELAND SOUTH | |
| 5 ENGLAND SOUTH | W ^W winds, light or moderate; fair generally but perhaps local showers. | WARNINGS | At 10.20 am to district 2 and part of 8. "Lower Cone". |

Note.—The South Cone, point downwards (), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. |
|-----------------|-------|-------|------|-------|----|------|------|--------------------|-------|-------|------|-------|----|------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudeanaes ... | 29.43 | 57 | 55 | SSW | 8 | Om | 5 | Valencia ... | 29.60 | 56 | 51 | WSW | 5 | cq | 5 |
| Sumburgh Head | 29.03 | 50 | 49 | L | 0 | 0 | 4 | Scilly ... | 29.64 | 56 | 56 | WSW | 5 | 1 | 5 |
| Stornoway ... | 29.04 | 50 | 47 | S | 2 | c | 3 | Jersey ... | 29.80 | 68 | 63 | S | 2 | bc | 2 |
| Aberdeen ... | 29.22 | 54 | 49 | SSW | 5 | bcq | 5 | Hurst Castle ... | 29.74 | 63 | 60 | SW | 5 | og | 5 |
| Shields ... | 29.38 | 57 | 53 | SSW | 3 | op | 2 | Dungeness ... | 29.76 | 66 | 61 | WSW | 5 | bc | 4 |
| Ardrossan ... | 29.27 | 53 | 52 | SW | 5 | c | 5 | North Foreland ... | 29.71 | 68 | 61 | SW | 6 | bc | 4 |
| Malin Head ... | 29.15 | 52 | 48 | WSW | 6 | c | 4 | London ... | 29.69 | 66 | 60 | SSW | 5 | 0 | * |
| Mullaghmore ... | 29.29 | 54 | 49 | SW | 7 | cqp | 6 | Yarmouth ... | 29.66 | 66 | 61 | SW | 5 | b | 3 |
| Belmullet ... | 29.31 | 53 | 49 | W | 7 | c | * | Rocheport ... | 29.91 | 76 | 70 | S | 4 | b | * |
| Holyhead ... | 29.49 | 55 | 51 | SW | 5 | og | 4 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning fine and bright over northern, eastern, central, and southern Europe, cloudy in the west, squally, unsettled, and showery in the west and north of the British Islands. Becoming showery and unsettled later over the United Kingdom generally and the north of France; lightning at night in Kent and Surrey. Weather remaining fine in the south of France.

Temperatures changing fitfully; considerably higher over England than at 8 a.m. on previous day. Morning readings 70° and more in the extreme south, and exceeding 60° over southern Europe generally, as well as at some stations in the west and north of France and the south and southeast of England. Lowest of all 39° at Haparanda and Hornösands, 42° at Kuspie, 43° at Pige, 45° at Archangel and Stornoway; 49° in the northeast of Scotland. Rising later to between 78° and 82° over the greater part of France, to about 75° over Germany, and to between 60° and 68° over England; not touching 60° in the west and north of Scotland.

Wind very light and anticyclonic over the greater part of Europe; chiefly E² over the northern parts of the Mediterranean, SE² to S² in the west of France; W² to S² over the United Kingdom (a gale in the west) and SE² in Norway. Light NW² winds prevalent over Finland and the north of Russia, SE² to W² in North Germany. Becoming more generally W² in our Islands later, but variable in some localities; shifting to W. in the west of France also.

Barometer highest 30.1 in: and more to 29.9 in: all over southeastern, central, southern, and southwestern Europe and the Mediterranean. Lowest (1) 29.1 in: and less, in a somewhat complex depression lying off the northwest of Scotland, and 29.3 in: and less, in another over the White Sea and North Russia. Rising in Ireland and Scotland later as the northwestern depression moved northwards, but falling over England as its secondaries moved eastwards over that country.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " " £1 10 0 "

DAILY WEATHER REPORT

for 8 a.m. on Thursday, 29th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | | |
|---------------------|--------------------------|--|-------|---|--------------|-----------|---|---------------------------|---|--|--------------|--------------|--------------------------------------|------------------|----------|--------------|---------------------------|------------------------|------|------|--|
| | | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | | | |
| | | | | Reading at 32° F. and Sea Level. | Dry Bulb. | | Dirac. | Force (0 to 12). | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | | | Dirac. | Force (0 to 12). | | Max. | Min. | |
| | | Inch. | ° | | | | Inch. | | ° | ° | ° | | | | | ° | Inch. | | | | |
| SCANDINAVIA. | Haparanda ... | 29.76 | 39 | ESE | 4 | r | 29.65 | -20 | 39 | 39 | +4 | E | 4 | 0 | # | r | 43 | 32 | 0.12 | | |
| | Hernösand ... | 29.54 | 50 | Z | 0 | f | 29.56 | -0.04 | 46 | 45 | -1 | Z | 0 | c | # | f | 50 | 39 | 0.04 | | |
| | Stockholm ... | 29.61 | 57 | Z | 0 | b | 29.60 | -0.04 | 51 | 49 | -6 | Z | 0 | r | # | b | 68 | 50 | 0.43 | | |
| | Wisby ... | | | | | | | | | | | | | | | | | | | | |
| | Bodö ... | 29.40 | 48 | ? | 6 | 0 | 29.59 | +1.5 | 41 | 41 | -8 | E | 2 | r | # | 0 | 49 | 39 | 0.63 | | |
| | Christiansund... | 29.44 | 47 | SW | 5 | bc | 29.56 | +3.1 | 45 | 43 | -3 | ESE | 2 | b | 2 | bc | 50 | 43 | 0.32 | | |
| | Skudesnaes ... | 29.54 | 50 | WSW | 5 | c | 29.55 | +2.5 | 50 | 46 | -3 | S | 7 | r | # | c | 54 | 45 | | | |
| | Christiania Fjord | 29.55 | 54 | WNW | 5 | b | 29.63 | +2.2 | 49 | 45 | -9 | WNW | 4 | c | 3 | b | 58 | 49 | | | |
| | (Færder) | | | | | | | | | | | | | | | | | | | | |
| | Skagen (The Scaw) | 29.66 | 49 | W | 3 | c | 29.64 | +1.5 | 50 | 49 | -7 | SW | 2 | 0 | r | c | 64 | 48 | 0.35 | | |
| Fanö ... | 29.67 | 52 | Z | 0 | c | 29.70 | +2.0 | 52 | 48 | -7 | WSW | 4 | c | # | c | 59 | 50 | | | | |
| ISLANDS. | Sumburgh Head | 29.22 | 47 | WSW | 4 | c | 29.19 | +0.6 | 48 | 46 | +5 | SSE | 3 | c | 4 | c | 49 | 43 | 0.05 | | |
| | Stornoway ... | 29.26 | 45 | W | 4 | 0 | 29.10 | -2.5 | 43 | 43 | -1 | SW | 3 | 0 | 4 | bc, 0 | 47 | 40 | 0.45 | | |
| | Wick ... | 29.32 | 46 | W | 3 | c | 29.07 | -2.3 | 47 | 45 | +3 | SW | 3 | 0 | 3 | c | 51 | 42 | | | |
| | Nairn ... | 29.36 | 44 | W | 2 | c | 29.15 | -2.4 | 45 | 42 | +1 | SW | 1 | c | 0 | c | 51 | 40 | 0.04 | | |
| | Aberdeen ... | 29.44 | 46 | SW | 3 | b | 29.27 | -1.5 | 47 | 44 | 0 | S | 4 | 0 | 3 | b | 55 | 41 | | | |
| | Leith ... | 29.53 | 46 | WSW | 2 | bc | 29.29 | -2.4 | 49 | 45 | +4 | SW | 3 | 0 | # | bc | 54 | 43 | 0.02 | | |
| | Shields ... | 29.63 | 49 | SW | 3 | bm | 29.46 | -1.2 | 49 | 47 | +2 | SSW | 4 | c | 2 | bc, bm | 56 | 42 | | | |
| | Spurn Head ... | 29.69 | 51 | W | 2 | cm | 29.66 | -0.1 | 49 | 48 | 0 | SSW | 6 | bc | 4 | cm, l | 56 | 43 | | | |
| | York ... | 29.74 | 50 | W | 1 | b | 29.60 | -0.4 | 45 | 43 | -3 | SSW | 3 | b | # | b | 58 | 41 | | | |
| | Loughborough | 29.75 | 50 | WNW | 1 | bc | 29.72 | -0.0 | 46 | 44 | -1 | SSW | 4 | bc, gw | # | bc | 61 | 41 | | | |
| BRITISH ISLANDS. | Ardrossan ... | 29.55 | 48 | WSW | 3 | op | 29.31 | -2.8 | 49 | 48 | +1 | SW | 4 | 0 | 3 | 0 | 54 | 45 | | | |
| | Malin Head ... | 29.52 | 47 | SW | 6 | op, hp | 29.27 | -3.2 | 45 | 44 | -3 | W | 5 | op | 4 | c, op, hp | 50 | 44 | 0.12 | | |
| | Mullaghmore ... | 29.66 | 47 | WSW | 7 | c, op, hp | 29.39 | -3.1 | 48 | 46 | 0 | W | 6 | op | 5 | c, op, hp | 53 | 45 | 0.25 | | |
| | Belmullet ... | 29.69 | 48 | WNW | 5 | bc, p | 29.45 | -3.0 | 47 | 45 | -2 | WNW | 3 | 0 | # | cp | 52 | 45 | 0.20 | | |
| | Donaghadee ... | 29.65 | 46 | WSW | 4 | bc | 29.41 | -2.5 | 47 | 45 | +2 | WSW | 4 | bc | 2 | bc | 52 | 45 | 0.01 | | |
| | Liverpool (Bilston) | 29.73 | 48 | WSW | 3 | bc | 29.54 | -1.2 | 49 | 47 | 0 | SSE | 3 | c | 4 | bc | 53 | 44 | 0.04 | | |
| | Holyhead ... | 29.72 | 50 | W | 4 | c, g | 29.52 | -1.8 | 51 | 50 | +1 | WSW | 6 | c, g | 5 | b, c, g | 56 | 47 | 0.01 | | |
| | Parsonstown ... | 29.77 | 45 | SW | 1 | b | 29.50 | -2.6 | 47 | 46 | +6 | SW | 1 | bc | # | b | 53 | 40 | 0.31 | | |
| | Valencia ... | 29.90 | 50 | W | 5 | c, g, p | 29.64 | -2.2 | 51 | 48 | +3 | WNW | 6 | c, g, p | 5 | bc, g, p | 54 | 47 | 0.20 | | |
| | Roche's Point | 29.85 | 50 | WNW | 3 | b | 29.59 | -2.2 | 54 | 52 | +5 | W | 3 | b | 3 | b, p | 55 | 45 | 0.06 | | |
| GERMANY & HOLLAND. | Pembroke (St. Ann's Hd.) | 29.80 | 51 | W | 3 | bc | 29.64 | -1.2 | 53 | 53 | +1 | SW | 8 | c, g, p | 6 | bc | 55 | 49 | 0.23 | | |
| | Scilly ... | 29.89 | 54 | W | 5 | c, g, p | 29.82 | +0.1 | 56 | 53 | 0 | SW | 7 | op | 5 | c, p, g | 57 | 50 | 0.13 | | |
| | Prawle Point ... | 29.86 | 50 | W | 4 | bc | 29.85 | +0.5 | 52 | 50 | -2 | WSW | 6 | ou | 5 | bc, l | 58 | 47 | 0.20 | | |
| | Jersey (St. Aubin's) | 29.89 | 57 | WNW | 3 | bc | 29.95 | +1.1 | 57 | 52 | +5 | SW | 4 | bc | 3 | bc, p | 61 | 51 | 0.08 | | |
| | Hurst Castle ... | 29.80 | 56 | W | 5 | b | 29.85 | +0.6 | 56 | 53 | +5 | W | 7 | cp | 4 | bc, b | 61 | 49 | 0.02 | | |
| | Dungeness ... | 29.77 | 56 | W | 5 | c, g, p | 29.88 | +1.0 | 55 | 51 | +5 | W | 4 | bc, p | 3 | c, g, p, l | 58 | 47 | 0.31 | | |
| | North Foreland | 29.75 | 53 | W | 2 | b | 29.85 | +1.0 | 51 | 47 | +1 | W | 2 | b | 3 | 0, bc, l | 58 | 50 | | | |
| | London ... | 29.79 | 63 | W | 2 | c | 29.84 | +0.7 | 50 | 46 | +1 | WSW | 2 | b | # | bc, l, p, bw | 60 | 42 | | | |
| | Oxford ... | 29.78 | 48 | W | 2 | c | 29.79 | +0.3 | 48 | 45 | 0 | SSW | 3 | b | # | bc, l | 59 | 43 | | | |
| | Cambridge ... | 29.75 | 56 | SW | 1 | c | 29.78 | +0.3 | 48 | 46 | -1 | SW | 2 | b | # | c, l | 62 | 39 | | | |
| Yarmouth ... | 29.73 | 54 | W | 2 | b | 29.78 | +0.8 | 48 | 46 | -1 | SW | 4 | bw | 2 | b | 59 | 42 | | | | |
| FRANCE AND BELGIUM. | Cuxhaven ... | 29.71 | 52 | WNW | 1 | r | 29.76 | +1.7 | 51 | 50 | -11 | SW | 2 | b | # | r | 65 | 50 | 0.28 | | |
| | Berlin ... | 29.80 | 68 | S | 2 | 0 | 29.87 | +0.5 | 56 | 52 | -7 | WNW | 4 | c | # | 0 | 71 | 54 | 0.28 | | |
| | Wiesbaden ... | | | | | | 30.05 | +1.7 | 53 | 50 | -9 | W | 1 | b | # | # | 70 | 50 | 0.28 | | |
| | Munich ... | 29.90 | 65 | E | 5 | b | 30.07 | +0.3 | 59 | 56 | -1 | W | 4 | 0 | # | b | 75 | 55 | 0.04 | | |
| | The Helder ... | 29.78 | 54 | W | 1 | tl | 29.84 | +1.3 | 53 | 49 | -1 | WSW | 6 | b | # | tl | 55 | 46 | 0.28 | | |
| | Brussels (9 a.m.) | | | | | | 29.97 | +2.4 | 49 | 47 | -5 | SW | 5 | b | # | r | 64 | 44 | 0.35 | | |
| | Cape Gris Nez | 29.78 | 54 | SW | 4 | c | 29.86 | +1.0 | 53 | 49 | +2 | W | 5 | c | 5 | c | 55 | 48 | 0.39 | | |
| | Paris ... | 29.87 | 51 | WNW | 2 | 0 | 30.06 | +2.4 | 46 | 45 | -15 | S | 2 | bc | # | 0 | 68 | 44 | 0.28 | | |
| | Brest ... | | 55 | W | 3 | c | | | 52 | 52 | +2 | W | 4 | c | 4 | c | 64 | 46 | | | |
| | Lorient ... | 29.97 | 57 | WNW | 4 | bc | 30.02 | +1.6 | 56 | 49 | +4 | WSW | 4 | c | 4 | bc | 64 | 52 | | | |
| PENINSULA. | Rochefort ... | 29.96 | 59 | W | 4 | c | 30.08 | +2.2 | 55 | 52 | -11 | SW | 3 | b | # | 0, c | 70 | 52 | 0.08 | | |
| | Belfort ... | | 59 | W | 4 | r | | | 56 | 49 | -4 | W | 3 | c | # | r | 76 | 50 | 0.28 | | |
| | Lyons ... | 29.90 | 78 | S | 4 | 0 | 30.11 | +1.2 | 51 | 50 | -14 | N | 2 | 0 | # | 0 | 81 | 51 | 1.27 | | |
| | Nice ... | | | | | | | | | | | | | | | | | | | | |
| | Perpignan ... | 29.91 | 69 | S | 2 | tl | 30.06 | +0.7 | 62 | 62 | -3 | W | 8 | tl | # | tl | 79 | 62 | 0.16 | | |
| | Biarritz ... | 29.95 | 67 | W | 5 | r | 30.08 | +1.3 | 59 | 55 | -7 | ESE | 3 | c | 5 | r | 72 | 55 | 0.08 | | |
| | Corunna ... | | | | | | | | | | | | | | | | | | | | |
| | Lisbon ... | 30.11 | 65 | W | 1 | b | 30.10 | +0.1 | 63 | 61 | +1 | WNE | 2 | b | # | b | 70 | 61 | | | |

For Explanation of Columns, see bottom of last page

† Received too late for insertion in Charts on next page

WEATHER CHARTS

for 8 a.m. on Thursday, 29th Sept: 1892.

BAROMETER, WIND AND 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.

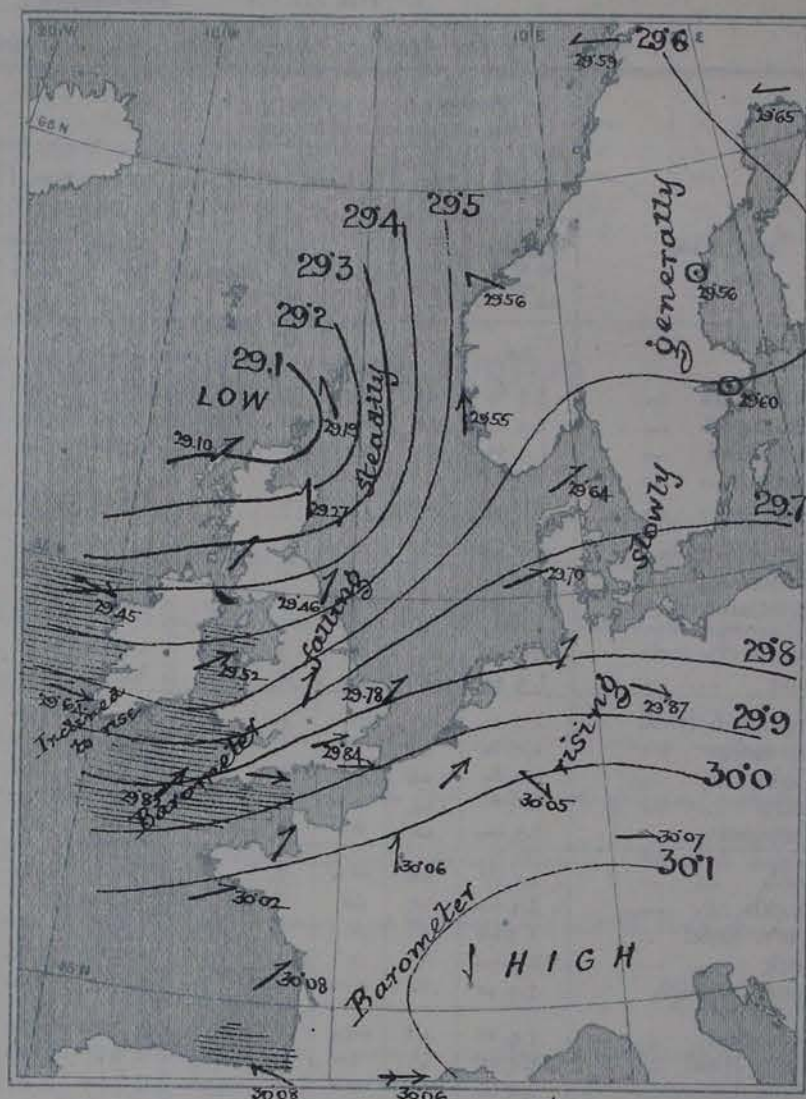
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871-1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sunburgh Head | 29.797 |
| Stormway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.920 |
| York | 29.939 |
| Loughborough | 29.959 |
| Ardrossan | 29.985 |
| Mullaghmore | 29.990 |
| Donaghadee | 29.905 |
| Holyhead | 29.929 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Seilly | 29.971 |
| Prawle Point | 29.993 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.966 |
| Yarmouth | 29.918 |



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.

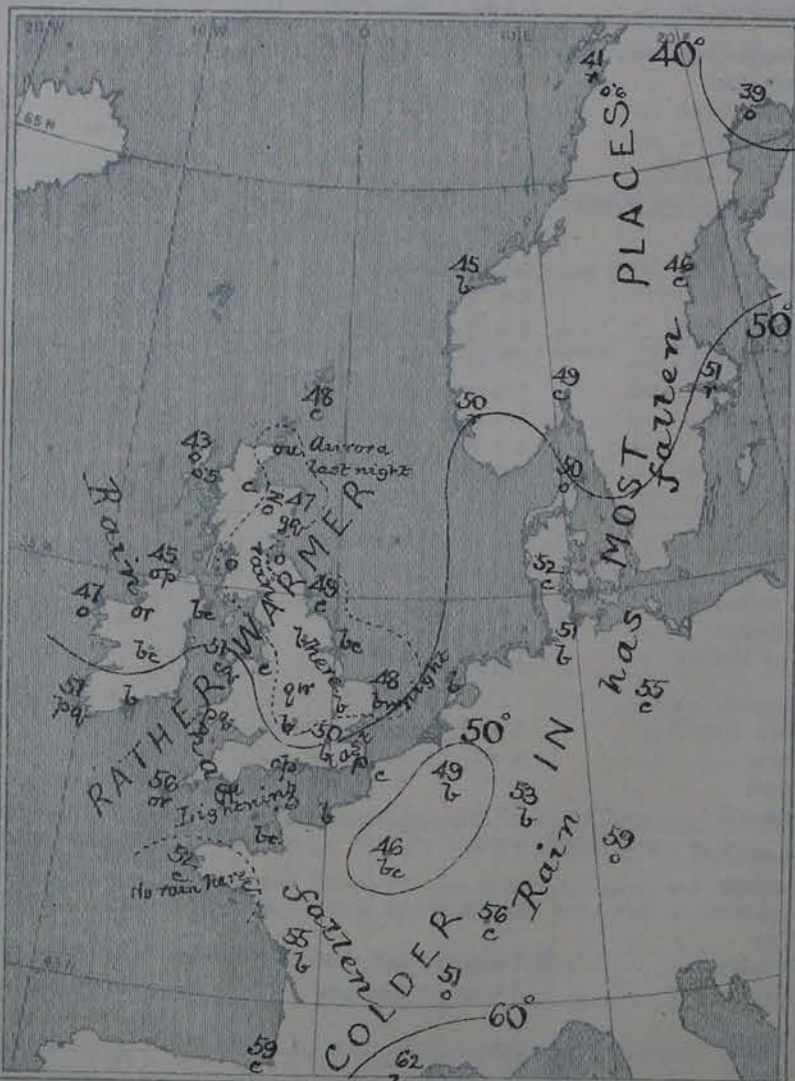
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL. (Inches.) |
|---------------------|--------------|-------|-----------|------|------------------------|
| | Daily | Daily | at 8 a.m. | | |
| | Max. | Min. | Dry. | Wet. | |
| Sunburgh Head..... | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stormway | 56.2 | 46.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.9 | 50.0 | 2.53 |
| Nairn | 59.2 | 46.5 | 51.3 | 48.9 | 2.58 |
| Aberdeen | 59.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.0 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head..... | 60.1 | 52.7 | 58.5 | 53.8 | 2.92 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.5 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.0 | 49.4 | 53.5 | 51.1 | 3.67 |
| Mullaghmore | 59.2 | 50.9 | 54.0 | 51.0 | 1.95 |
| Donaghadee | 59.6 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead..... | 59.7 | 52.6 | 55.7 | 53.5 | 3.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.3 | 47.4 | 53.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke..... | 60.1 | 53.0 | 56.1 | 54.9 | 3.58 |
| Seilly | 61.8 | 51.7 | 58.1 | 56.3 | 3.11 |
| Prawle Point | 62.1 | 52.2 | 57.0 | 55.2 | 2.10 |
| Jersey | 65.4 | 54.8 | 59.0 | 57.0 | 3.05 |
| Hurst Castle | 64.3 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 63.4 | 52.0 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.4 | 49.6 | 55.8 | 53.5 | 2.36 |
| Oxford | 64.0 | 48.0 | 54.0 | 52.1 | 2.66 |
| Cambridge | 65.0 | 48.1 | 54.6 | 53.0 | 2.20 |
| Yarmouth | 62.1 | 51.1 | 56.3 | 54.4 | 2.91 |

NOTE.—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest, 30.00 in. to 30.10 in. in a large anticyclone lying over Spain, France, and South Germany.

Lowest, 29.4 in. and less, in a depression lying off the north of Scotland.

Gradients rather steep over England and the northern part of the North Sea, but slight elsewhere.

Barometer falling in most parts of the United Kingdom, but inclined to rise again at Valencia Island, rising at the Continental stations.

TEMPERATURE

Highest, 63° at Lister, 62° at Perpignan, 59° at Munich and Thannitz and 57° at Jersey.

Lowest, 39° at Haparanda, 41° at Bodø, 43° at Stornoway, and 45° at Christiansund, Nauni, York, and Malin Hl.

The maxima registered over our islands yesterday were below 60° at all but a few of our central and extreme southern stations, and below 50° in the Shetlands and Hebrides.

WIND

W¹ or SW¹ over our islands, the Netherlands, Denmark, and the greater part of France; strong in force on our western and southern coasts, with a gale at Pembroke.

Light or moderate from the E¹ in the coast of Norway and the north of Sweden; calm over the central parts of Sweden.

WEATHER

Squally and showery on our western and southern coasts, and cloudy in Scotland, but fine in the east of England.

Fine and bright in France, the Netherlands, and Western Germany, cloudy in Denmark, rainy at several of the Scandinavian stations.

Since yesterday morning rain has fallen at all but our eastern and southeastern stations. Lightning was seen last night over the southern part of England, and a thunderstorm occurred at the Helder and Perpignan; at the latter station a thunderstorm is also reported this morning.

SEA

Rough or rather so on our west and southwest coasts, but moderate to smooth elsewhere.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Some small secondary disturbances, which are lying over our western coasts are likely to travel eastwards, and to occasion gales from SW. and W. in the Channel. The general appearance remains very unsettled.

FORECASTS

For the 24 hours ending at NOON on 30th September, 1892.

| DISTRICTS. | FORECASTS. | DISTRICTS. | FORECASTS. |
|--------------------|--|------------------|--|
| 0 SCOTLAND NORTH | SW ¹ winds, light or moderate; changeable, some showers. | 6 SCOTLAND WEST | SW ¹ and W ¹ winds, fresh or strong; squally, showery. |
| 1 SCOTLAND EAST | | 7 ENGLAND N.W. | |
| 2 ENGLAND N.E. | SW ¹ winds, freshening considerably; squally, some showers. | † 8 ENGLAND S.W. | SW ¹ to W ¹ strong winds or gales; squally, showery. |
| 3 ENGLAND EAST | | 9 IRELAND NORTH | W ¹ winds, strong; squally, showery. |
| 4 MIDLAND COUNTIES | | 10 IRELAND SOUTH | |
| † 5 ENGLAND SOUTH | SW ¹ and W ¹ winds, strong, a gale on coast; squally, showery. | WARMINGS | At 10 am to district 5 and part of 8. Hoist South Cone |

Note.—The South Cone, point downwards (†), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.

The North Cone, point upwards (†), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | THER. | | WIND. | F. | WEA. | SEA. | | BAR. | THER. | | WIND. | F. | WEA. | SEA. |
|-------------------|-------|-------|------|-------|----|------|------|--------------------|-------|-------|------|-------|----|-------|------|
| | | Dry. | Wet. | Dir. | | | | | | Dry. | Wet. | Dir. | | | |
| Skudesnaes ... | 29.46 | 54 | 48 | WSW | 6 | c | 5 | Valencia ... | 29.90 | 53 | 48 | WSW | 3 | bcq p | 4 |
| Sumburgh Head ... | 29.24 | 46 | 44 | WSW | 3 | c | 4 | Scilly ... | 29.87 | 55 | 51 | WSW | 5 | cp | 4 |
| Stornoway ... | 29.33 | 47 | 45 | W | 3 | bc | 4 | Jersey ... | 29.85 | 59 | 53 | W | 3 | bc | 3 |
| Aberdeen ... | 29.46 | 53 | 45 | SW | 3 | b | 2 | Hurst Castle ... | 29.81 | 60 | 55 | WSW | 4 | bc | 3 |
| Shields ... | 29.63 | 56 | 50 | SW | 4 | bc | 2 | Dungeness ... | 29.79 | 58 | 54 | WSW | 5 | c | 4 |
| Ardrossan ... | 29.58 | 51 | 48 | WSW | 3 | o | 2 | North Foreland ... | 29.81 | 55 | 52 | W | 2 | bc | 2 |
| Malin Head ... | 29.58 | 49 | 44 | WSW | 6 | o | 4 | London ... | 29.78 | 60 | 51 | W | 2 | bc | * |
| Mullaghmore ... | 29.71 | 49 | 46 | W | 5 | cp | 4 | Yarmouth ... | 29.74 | 57 | 52 | WSW | 3 | b | 2 |
| Belmullet ... | 29.75 | 51 | 45 | WSW | 5 | cp | 4 | Rocheport ... | 29.88 | 68 | 63 | WSW | 5 | o | * |
| Holyhead ... | 29.76 | 55 | 50 | WSW | 3 | b | 3 | | | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning remaining fine and bright over eastern, central, and southern Europe, but unsettled in the west, northwest, and north, though temporarily bright in many parts of England. Squally and showery later in the west and north of our Islands, in Norway and Sweden — amounts considerable at some northern stations; lightning seen in the south and east of England and in Holland as well as at Perpignan.

Temperature falling over the British Isles and in Norway. Morning readings still exceeding 70° in the southern side of the Mediterranean and exceeding 60° over the greater part of France and Germany; lower elsewhere, below 50° over Ireland and Scotland, and lowest of all (1) 35° at Haparanda and Uleaborg, 35° at Archangel, and 39° at Moscow; (2) 41° at Bursastown, 43° to 44° in the Shetland Islands and north of Scotland, 45° at Seeth, 47° to 49° over Central England. Tending to reach 60° in our Islands (except in London) during day, but exceeding 70° in Germany, and ranging from 70° to 79° over the southern parts of France.

Wind very light and variable over southeastern Europe, light from S. and SE. over Germany, and light to moderate S³ over the Baltic; NW³ to W⁴ over Ireland and the Bay of Biscay, fresh at the northern stations; W³ over England and Scotland, S³ moderate, on the eastern shores of the North Sea. A S⁴ gale at Skudesnaes. Becoming strong and squally from NW. and W. over the northwestern parts of Ireland later, and a W³ gale setting in at Christiansund.

Barometer highest 30.1 ins. and more to 30.0 ins. over southeastern and southern Europe, and exceeding 30.0 ins. over Spain and Portugal. Lowest 29.2 ins. and less, over the Shetlands and off the northwest of Norway, and 29.7 ins. and less, over northern Russia. Inclined to fall decidedly on our western coasts later, but rising over the North Sea, Denmark, and the southern half of Scandinavia.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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.

N.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

„ Weekly „ „ „ „ £1 10 0 „

DAILY WEATHER REPORT

for 8 a.m. on Friday, 30th September, 1892.

Issued by the Meteorological Office, 63, Victoria Street, London. R. H. SCOTT, Secretary.

| STATIONS. | YESTERDAY EVENING. (See note at bottom of last page.) | | | | | | THIS MORNING. (See note at bottom of last page.) | | | | | | | | | | PAST 24 HOURS. | | | |
|------------------------------|--|--------------|--------------|---------------------------|----------|---|---|--------------|--------------|--------------------------------------|--------|---------------------------|----------|------------------|-------------|------|------------------------|------|--|--|
| | BAROM. | | TEMP. | | WIND. | | BAROMETER. | | SHADE TEMP. | | | WIND. | | Sea (0 to 9). | SHADE TEMP. | | Amount of Rainfall. | | | |
| | Reading at 32° F. and Sea Level. | Dry Bulb. | Wet Bulb. | Force (0 to 12). | Weather. | Reading at 32° F. and Sea Level. | Change since Yester- day Morn. | Dry Bulb. | Wet Bulb. | Change in dry shade Yesterday. | Direc. | Force (0 to 12). | Weather. | | Weather. | Max. | | Min. | | |
| | | | | | | | | | | | | | | | | | | | | |
| Inch. | ° | | | | Inch. | ° | ° | ° | | | | | | | | ° | Inch. | | | |
| SCANDINAVIA. | | | | | | | | | | | | | | | | | | | | |
| Haparanda ... | 29.37 | 39 | SE | 6 | 1 | 29.28 | - .37 | 36 | 36 | - 3 | WNW | 4 | 0 | # | 1 | 41 | 36 | 0.83 | | |
| Hernösand ... | 29.54 | 45 | SW | 4 | 6 | 29.78 | + .22 | 42 | 40 | - 4 | W | 2 | 6 | # | 6 | 52 | 41 | 0.20 | | |
| Stockholm ... | 29.85 | 46 | SW | 2 | 6 | 29.92 | + .32 | 48 | 46 | - 3 | Z | 0 | 6 | # | 6 | 59 | 39 | 0.20 | | |
| Wisby ... | 29.95 | 49 | SSW | 6 | 6 | 29.97 | + .43 | 51 | 50 | + 3 | SSW | 4 | 6 | # | 6 | 63 | 45 | - | | |
| Bodö ... | 29.55 | 44 | Z | 0 | 0 | 29.61 | + .02 | 45 | 44 | + 4 | W | 2 | 0 | 1 | 0 | 45 | 41 | 0.16 | | |
| CHRISTIANIA. | | | | | | | | | | | | | | | | | | | | |
| Christiansund... | 29.61 | 45 | NNE | 1 | 6 | 29.72 | + .16 | 45 | 41 | 0 | ESE | 4 | 0 | 2 | 6 | 52 | 37 | - | | |
| Skudesnaes ... | 29.55 | 51 | SSE | 8 | 0 | 29.45 | - .10 | 50 | 49 | 0 | SE | 6 | 1 | 6 | 0 | 54 | 48 | - | | |
| Christiania Fjord (Fæder) | 29.73 | 53 | SSW | 3 | 6 | 29.63 | - .00 | 55 | 52 | + 6 | SSE | 8 | 6 | 5 | 6 | 54 | 48 | 0.82 | | |
| Skagen (The Seaw) | 29.78 | 53 | SW | 4 | 6 | 29.65 | + .01 | 55 | 54 | + 5 | SSW | 7 | 0 | 5 | 6 | 55 | 50 | 0.04 | | |
| Fanö ... | 29.77 | 55 | SW | 6 | 6 | 29.63 | - .04 | 49 | 47 | - 3 | SSE | 6 | 6 | # | 6 | 59 | 49 | 0.08 | | |
| BRITISH ISLANDS. | | | | | | | | | | | | | | | | | | | | |
| Sumburgh Head | 29.25 | 48 | SSE | 1 | 6 | 29.27 | + .08 | 45 | 45 | - 3 | SSE | 1 | 6 | 4 | 0.6 | 50 | 42 | 0.52 | | |
| Stornoway ... | 29.18 | 47 | Z | 0 | 6 | 29.31 | + .21 | 45 | 44 | + 2 | N | 3 | 0 | 3 | chp.c | 51 | 35 | 0.10 | | |
| Wick ... | 29.23 | 48 | W | 3 | 6 | 29.28 | + .21 | 40 | 38 | - 7 | W | 1 | 6 | 1 | b.l | 54 | 31 | 0.05 | | |
| Nairn ... | 29.21 | 45 | Z | 0 | 6 | 29.29 | + .14 | 34 | 34 | - 11 | Z | 0 | 6 | 1 | 6 | 55 | 28 | - | | |
| Aberdeen ... | 29.25 | 46 | SW | 2 | 6 | 29.33 | + .06 | 39 | 37 | - 8 | W | 1 | 6 | 2 | og.b | 50 | 32 | - | | |
| SCOTLAND. | | | | | | | | | | | | | | | | | | | | |
| Leith ... | 29.38 | 47 | W | 2 | 6 | 29.30 | + .01 | 43 | 42 | - 6 | NE | 1 | 6 | # | 6 | 53 | 40 | 0.02 | | |
| Shields ... | 29.38 | 47 | SSW | 3 | 6 | 29.36 | - .10 | 44 | 43 | - 5 | SSW | 2 | 6 | 2 | r.bcm | 52 | 41 | 0.19 | | |
| Spurn Head ... | 29.49 | 53 | SSW | 6 | 6 | 29.40 | - .26 | 49 | 48 | 0 | SSW | 3 | 6 | 3 | og | 57 | 38 | 0.04 | | |
| York ... | 29.46 | 50 | W | 4 | 6 | 29.39 | - .21 | 44 | 43 | - 1 | SSW | 1 | 6 | # | 6 | 55 | 41 | 0.16 | | |
| Loughborough | 29.55 | 50 | SSW | 3 | 6 | 29.44 | - .28 | 46 | 45 | 0 | SW | 2 | 6 | # | 6 | 58 | 45 | 0.18 | | |
| IRELAND. | | | | | | | | | | | | | | | | | | | | |
| Ardrossan ... | 29.29 | 49 | SW | 3 | 6 | 29.27 | - .04 | 44 | 44 | - 5 | NE | 1 | 6 | 1 | 0.6 | 51 | 44 | - | | |
| Malin Head ... | 29.26 | 47 | W | 5 | 6 | 29.24 | - .03 | 46 | 44 | + 1 | N | 4 | 6 | 3 | c.p | 50 | 44 | 0.35 | | |
| Mullaghmore ... | 29.40 | 48 | W | 6 | 6 | 29.30 | - .09 | 48 | 45 | 0 | NW | 3 | 6 | 3 | epg | 52 | 45 | 0.18 | | |
| Belmullet ... | 29.44 | 50 | W | 5 | 6 | 29.38 | - .07 | 48 | 45 | + 1 | NW | 3 | 6 | # | 6 | 51 | 44 | 0.18 | | |
| Donaghadee ... | 29.37 | 47 | W | 3 | 6 | 29.28 | - .13 | 46 | 45 | - 1 | W | 3 | 6 | 1 | 6 | 51 | 45 | 0.01 | | |
| ENGLAND. | | | | | | | | | | | | | | | | | | | | |
| Liverpool (Bilston) | 29.48 | 49 | WSW | 3 | 6 | 29.38 | - .19 | 47 | 45 | - 2 | S | 2 | 6 | 2 | 6 | 53 | 43 | 0.13 | | |
| Holyhead ... | 29.43 | 50 | WSW | 4 | 6 | 29.37 | - .15 | 51 | 47 | 0 | WSW | 4 | 6 | 4 | ogp | 55 | 46 | 0.06 | | |
| Parsonstown ... | 29.50 | 48 | SW | 1 | 6 | 29.40 | - .10 | 44 | 43 | - 3 | SW | 1 | 6 | # | 6 | 52 | 41 | 0.11 | | |
| Valencia ... | 29.60 | 52 | W | 3 | 6 | 29.54 | - .10 | 51 | 48 | 0 | W | 4 | 6 | 5 | c.p.c.m | 54 | 45 | 1.12 | | |
| Roche's Point | 29.58 | 55 | WNW | 3 | 6 | 29.50 | - .09 | 48 | 46 | - 6 | W | 3 | 6 | 3 | c.p | 56 | 44 | 0.01 | | |
| WELSH. | | | | | | | | | | | | | | | | | | | | |
| Pembroke (St. Ann's Hd.) | 29.56 | 53 | WSW | 7 | 6 | 29.45 | - .19 | 51 | 50 | - 2 | W | 4 | 6 | 4 | bep | 56 | 47 | 0.64 | | |
| Scilly ... | 29.67 | 54 | W | 5 | 6 | 29.57 | - .25 | 53 | 51 | - 3 | WNW | 5 | 6 | 5 | r.l | 58 | 50 | 0.27 | | |
| Prawle Point ... | 29.67 | 52 | WSW | 3 | 6 | 29.58 | - .32 | 51 | 50 | - 1 | W | 5 | 6 | 4 | r.q.l | 56 | 48 | 1.48 | | |
| Jersey (St. Aubin's) | 29.84 | 59 | SW | 4 | 6 | 29.60 | - .35 | 57 | 54 | 0 | WSW | 5 | 6 | 4 | p.b | 64 | 52 | 0.45 | | |
| Hurst Castle ... | 29.67 | 58 | SW | 9 | 6 | 29.49 | - .36 | 55 | 53 | - 1 | W | 8 | 6 | 6 | c.p | 61 | 51 | 0.74 | | |
| SCOTLAND. | | | | | | | | | | | | | | | | | | | | |
| Dungeness ... | 29.73 | 60 | SW | 8 | 6 | 29.51 | - .37 | 54 | 53 | - 1 | SSW | 4 | 6 | 6 | cp | 60 | 48 | 0.26 | | |
| North Foreland | 29.72 | 56 | SW | 8 | 6 | 29.51 | - .34 | 60 | 49 | - 1 | SW | 2 | 6 | 3 | ct | 59 | 47 | 0.46 | | |
| London ... | 29.68 | 57 | SW | 6 | 6 | 29.49 | - .35 | 49 | 48 | - 1 | SW | 1 | 6 | # | 6 | 60 | 47 | 0.92 | | |
| Oxford ... | 29.61 | 50 | SW | 2 | 6 | 29.44 | - .35 | 49 | 47 | + 1 | S | 2 | 6 | # | 6 | 58 | 47 | 0.71 | | |
| Cambridge ... | 29.64 | 50 | SW | 3 | 6 | 29.46 | - .32 | 49 | 49 | + 1 | S | 1 | 6 | # | 6 | 62 | 46 | 0.47 | | |
| Yarmouth ... | 29.63 | 56 | SSW | 6 | 6 | 29.47 | - .31 | 49 | 48 | + 1 | SW | 3 | 6 | 3 | b.q.t | 59 | 46 | 0.61 | | |
| GERMANY & HOLLAND. | | | | | | | | | | | | | | | | | | | | |
| Cuxhaven ... | 29.85 | 50 | SSW | 3 | 6 | 29.69 | - .07 | 46 | 45 | - 5 | S | 4 | 6 | # | 6 | 58 | 46 | - | | |
| Berlin ... | 30.05 | 54 | SSW | 3 | 6 | 29.95 | + .08 | 49 | 47 | - 6 | SE | 3 | 6 | # | 6 | 66 | 45 | - | | |
| Wiesbaden ... | 30.05 | 54 | SSW | 3 | 6 | 29.95 | + .08 | 49 | 47 | - 6 | SE | 3 | 6 | # | 6 | 66 | 45 | - | | |
| Munich ... | 30.12 | 52 | NE | 1 | 6 | 30.01 | - .06 | 54 | 54 | - 5 | SW | 2 | 6 | # | 6 | 61 | 52 | 0.24 | | |
| The Helder ... | 29.79 | 53 | SSW | 6 | 6 | 29.56 | - .28 | 52 | 50 | - 1 | S | 6 | 6 | # | 6 | 57 | 50 | 0.84 | | |
| FRANCE AND BELGIUM. | | | | | | | | | | | | | | | | | | | | |
| Brussels (St. Ann's) | 29.80 | 58 | SW | 6 | 6 | 29.69 | - .28 | 55 | 50 | + 6 | SSW | 7 | 6 | # | 6 | 59 | 48 | - | | |
| Cape Gris Nez | 29.80 | 58 | SW | 6 | 6 | 29.53 | - .33 | 57 | 56 | + 4 | SW | 7 | 6 | # | 6 | 59 | 48 | - | | |
| Paris ... | 29.98 | 57 | SSW | 2 | 6 | 29.81 | - .25 | 53 | 50 | + 7 | SSW | 4 | 6 | # | 6 | 63 | 46 | - | | |
| Brest ... | 29.98 | 57 | SSW | 2 | 6 | 29.81 | - .25 | 53 | 50 | + 7 | SSW | 4 | 6 | # | 6 | 63 | 46 | - | | |
| Lorient ... | 29.92 | 59 | SSW | 6 | 6 | 29.80 | - .27 | 58 | 57 | + 2 | W | 6 | 6 | # | 6 | 63 | 50 | 0.20 | | |
| SPAIN. | | | | | | | | | | | | | | | | | | | | |
| Rochefort ... | 30.01 | 61 | SSW | 3 | 6 | 29.90 | - .18 | 62 | 57 | + 7 | WSW | 5 | 6 | # | 6 | 68 | 54 | - | | |
| Belfort ... | 30.01 | 59 | W | 3 | 6 | 29.90 | - .18 | 62 | 57 | + 7 | WSW | 5 | 6 | # | 6 | 68 | 54 | - | | |
| Lyons ... | 30.07 | 56 | WNW | 1 | 6 | 30.00 | - .11 | 55 | 53 | + 4 | W | 1 | 6 | # | 6 | 59 | 51 | 0.04 | | |
| Nice ... | 30.06 | 59 | NE | 3 | 6 | 29.98 | - .09 | 60 | 56 | + 1 | E | 2 | 6 | # | 6 | 66 | 57 | 0.98 | | |
| Perpignan ... | 30.03 | 63 | Z | 0 | 6 | 30.00 | - .06 | 56 | 56 | - 6 | W | 2 | 6 | # | 6 | 73 | 54 | - | | |
| Biarritz ... | 30.03 | 64 | ENE | 4 | 6 | 29.98 | - .10 | 64 | 60 | + 5 | WSW | 4 | 6 | # | 6 | 70 | 55 | - | | |
| PORTUGAL. | | | | | | | | | | | | | | | | | | | | |
| Corunna ... | 30.10 | 64 | # | # | # | 30.10 | 0.00 | 59 | 54 | - 4 | NNE | 2 | 6 | # | 6 | 75 | 55 | - | | |
| Lisbon ... | 30.10 | 64 | # | # | # | 30.10 | 0.00 | 59 | 54 | - 4 | NNE | 2 | 6 | # | 6 | 75 | 55 | - | | |

For Explanation of Columns, see bottom of last page.

† Received too late for insertion in Chron on next page.

WEATHER CHARTS

for 8 a.m. on Friday, 30th Sept: 1892.

BAROMETER, WIND AND 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.

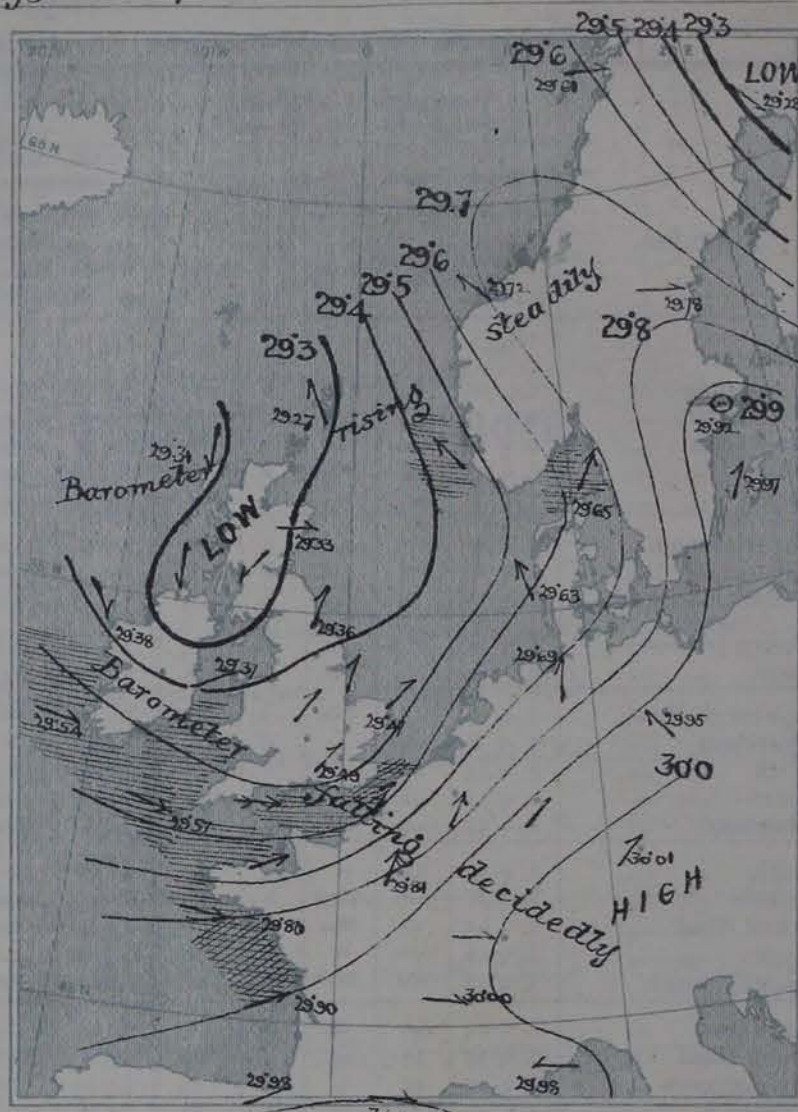
MEAN HEIGHT OF THE BAROMETER

at 8.0 a.m. for the month of September
During the 20 Years: 1871—1890.

STATIONS.

MEAN READINGS.

| STATIONS. | MEAN READINGS. |
|---------------|----------------|
| Sumburgh Head | 29.797 |
| Stornoway | 29.815 |
| Wick | 29.829 |
| Nairn | 29.843 |
| Aberdeen | 29.858 |
| Leith | 29.881 |
| Shields | 29.903 |
| Spurn Head | 29.929 |
| York | 29.930 |
| Loughborough | 29.959 |
| Ardrossan | 29.885 |
| Mullaghmore | 29.890 |
| Donaghadee | 29.905 |
| Holyhead | 29.920 |
| Liverpool | 29.935 |
| Parsonstown | 29.937 |
| Valencia | 29.947 |
| Roche's Point | 29.946 |
| Pembroke | 29.948 |
| Selly | 29.971 |
| Pravle Point | 29.998 |
| Jersey | 29.988 |
| Hurst Castle | 29.991 |
| Dover | 29.970 |
| LONDON | 29.978 |
| Oxford | 29.971 |
| Cambridge | 29.965 |
| Yarmouth | 29.948 |



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.

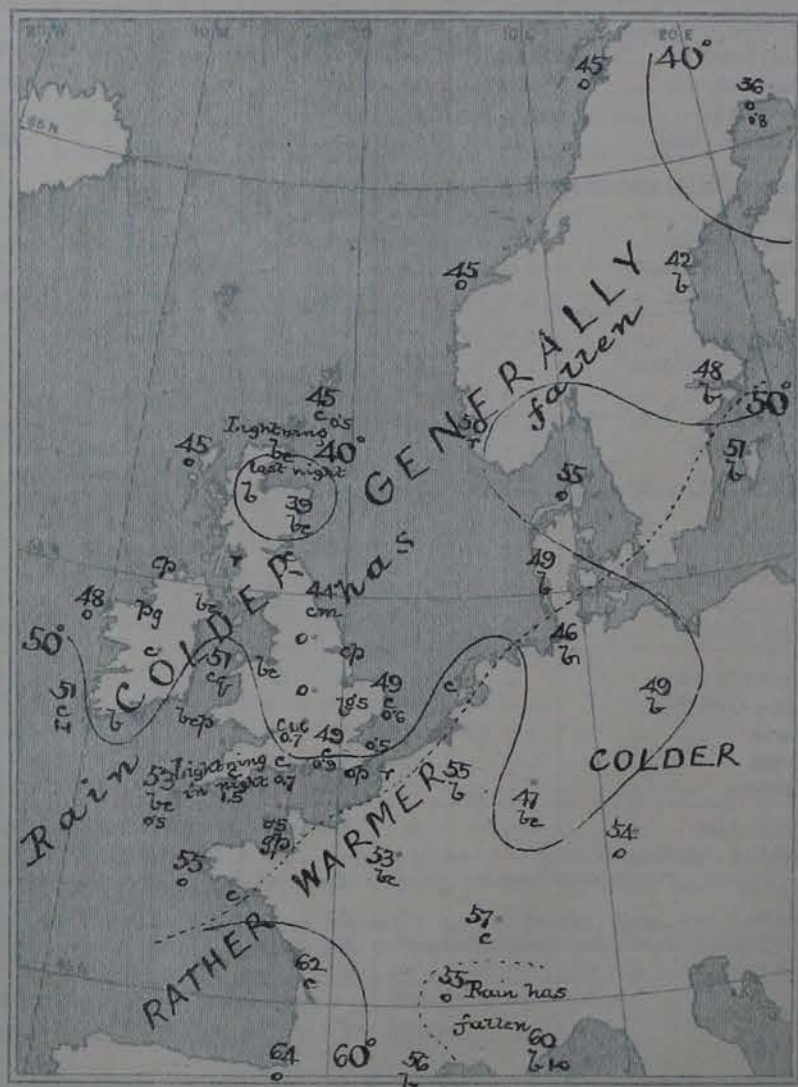
RAINFALL—A dotted line separates the districts in which rain has fallen from those where there has been none. Falls of 0.5 in. or more are quoted in figures.

MEANS OF TEMPERATURE IN SHADE, AND RAINFALL.

(For the month of September.)

| STATIONS. | TEMPERATURE. | | | | RAINFALL (Inches.) |
|---------------|---------------|---------------|------------------|------|-----------------------|
| | Daily Max. | Daily Min. | Dry at 8 a.m. | Wet. | |
| Sumburgh Head | 55.0 | 46.1 | 50.8 | 49.1 | 3.32 |
| Stornoway | 50.3 | 45.8 | 51.4 | 50.1 | 4.10 |
| Wick | 57.7 | 45.5 | 51.2 | 50.0 | 2.33 |
| Nairn | 50.2 | 45.5 | 51.3 | 48.0 | 2.58 |
| Aberdeen | 50.2 | 46.7 | 52.1 | 49.7 | 2.97 |
| Leith | 61.0 | 47.5 | 53.2 | 50.8 | 2.34 |
| Shields | 59.8 | 48.8 | 53.1 | 51.0 | 2.50 |
| Spurn Head | 60.4 | 52.7 | 56.5 | 53.8 | 2.02 |
| York | 62.9 | 47.7 | 52.9 | 51.1 | 2.70 |
| Loughborough | 65.0 | 47.8 | 54.0 | 52.2 | 2.76 |
| Ardrossan | 59.6 | 49.4 | 53.5 | 51.4 | 3.67 |
| Mullaghmore | 60.2 | 50.9 | 54.0 | 51.6 | 1.05 |
| Donaghadee | 59.0 | 49.2 | 53.5 | 52.3 | 3.04 |
| Holyhead | 60.7 | 52.6 | 55.7 | 53.5 | 2.23 |
| Liverpool | 61.2 | 50.8 | 54.5 | 51.9 | 3.30 |
| Parsonstown | 61.3 | 47.4 | 55.0 | 51.1 | 3.16 |
| Valencia | 61.8 | 51.5 | 56.5 | 54.2 | 4.53 |
| Roche's Point | 61.7 | 51.0 | 55.5 | 53.4 | 4.08 |
| Pembroke | 60.1 | 53.0 | 56.1 | 53.0 | 3.58 |
| Selly | 61.8 | 54.7 | 58.4 | 56.3 | 3.41 |
| Pravle Point | 62.4 | 52.2 | 57.0 | 55.2 | 2.16 |
| Jersey | 65.4 | 54.8 | 59.0 | 57.0 | 3.05 |
| Hurst Castle | 61.1 | 52.1 | 57.1 | 55.7 | 3.01 |
| Dover | 65.4 | 52.9 | 57.7 | 55.2 | 2.64 |
| LONDON | 66.1 | 49.0 | 55.8 | 53.5 | 2.55 |
| Oxford | 64.0 | 48.3 | 54.0 | 52.1 | 2.60 |
| Cambridge | 64.0 | 48.1 | 54.0 | 51.0 | 2.22 |
| Yarmouth | 62.1 | 50.1 | 56.3 | 54.4 | 2.31 |

NOTE—The Temperature means are for the 20 years 1871-90, the Rainfall means are mainly those for the 25 years 1866-90.



GENERAL SITUATION AT 8 A.M.

PRESSURE

Highest 30.0 in. and upwards, over the Spanish Peninsula and also over Switzerland and South Germany.
 Lowest, 29.3 in. and less, in an elongated depression lying over Scotland and the north of Ireland, and also in another disturbance lying over Lapland. Secondary depressions are passing across England and the North Sea.
 Gradients rather steep over the Netherlands and the north of France, but moderate or slight elsewhere.
 Barometer rising in Scandinavia and the extreme north of Scotland, but falling elsewhere.

TEMPERATURE

Highest, 64° at Biarritz, 62° at Rochefort, 60° at Nice, 59° at Lisbon, 58° at Lorient, and 57° at Jersey and Cape Gris Nez.
 Lowest, (1) 34° at Stain, 33° at Aberdeen, 40° at Wick, and 43° at Leith; (2) 36° at Haparanda and 42° at Helsingfors.
 Frost occurred in Scotland last night; at Stain the shielded thermometer fell to 28° and at Wick to 31°.

WIND

Moderate to fresh from the W. on our western and southern coasts and also in the west of France.
 Light from the S. in the east of England, and strong from the same quarter over Denmark and the Netherlands.
 Strong to a gale from S.E. in the south of Norway, light and variable in Scotland.
 A strong to whole gale from the S.W. was experienced yesterday in the eastern part of the Channel.

WEATHER

Changeable and showery in most parts of the United Kingdom, but fine in the east of Scotland, as well as in Sweden, Denmark, and Germany.
 Cloudy at many of the French stations and also in Norway, with rain at Skudsmoes.
 Since yesterday morning rain has fallen in nearly all parts of Northwestern Europe, heavily in the south of our Islands. The largest amounts measured this morning were 1.5 in. at Braut, 1.1 in. at Kibiceia, and 0.9 in. in London. Lightning was seen last night in the southeast of England and also at Wick.

SEA

High at Cape Gris Nez and Lorient, and rough or rather so on our own southern coasts generally, as well as off the south of Norway.

PROBABLE CHANGES IN SYSTEM NOW PREVALENT

Shallow secondary depressions are being developed over various parts of Great Britain, and showery weather seems likely to continue in most districts, with strong winds or gales on the Channel coasts.

FORECASTS

For the 24 hours ending at NOON on 1st OCTOBER 1892.

DISTRICTS.

FORECASTS.

DISTRICTS.

FORECASTS.

0 SCOTLAND NORTH

Light Variable breezes, changeable, some showers

1 SCOTLAND EAST

2 ENGLAND N.E.

3 ENGLAND EAST

4 MIDLAND COUNTIES

5 ENGLAND SOUTH

S. and S.W. winds, moderate; changeable, some showers.

S.W. and W. winds, moderate inland, but strong to a gale on coast; changeable, showery.

6 SCOTLAND WEST

7 ENGLAND N.W.

8 ENGLAND S.W.

9 IRELAND NORTH

10 IRELAND SOUTH

Variable breezes, finally NW²; changeable, showery.

W. to NW² winds, freshening; changeable, showery.

W. winds, fresh or strong, squally, showery.

Same as No 7

WARNINGS

The SOUTH CONE is still flying in district 5 and part of 8.

Note.—The South Cone, point downwards (↓), means that gales, or strong winds, are probable, at first from the Southward (from S.E. round by S. to N.W.). Should it appear likely that a gale beginning from between W. and N.W. is likely to veer towards N. or N.E., the North Cone is hoisted in preference to the South Cone.
 The North Cone, point upwards (↑), means that gales, or strong winds, are probable, at first from the Northward (from N.W. round by N. to S.E.). Should it appear likely that a gale beginning from between E. and S.E. is likely to veer towards S. or S.W., the South Cone is hoisted in preference to the North Cone.

YESTERDAY'S 2 P.M. REPORTS.

| | BAR. | TEMP. | WIND. | F. | WEA. | SEA. | | BAR. | TEMP. | WIND. | F. | WEA. | SEA. |
|-------------------|-------|-------|-------|------|------|------|----|--------------------|-------|-------|------|------|------|
| | | Dry. | Wet. | Dir. | | | | | Dry. | Wet. | Dir. | | |
| Skudeanaes ... | 29.53 | 51 | 47 | S | 8 | 0 | 5 | Valencia ... | 29.62 | 54 | 50 | W | 5 |
| Sumburgh Head ... | 29.23 | 48 | 47 | SSE | 1 | 0 | 14 | Scilly ... | 29.71 | 57 | 56 | SW | 6 |
| Stornoway ... | 29.15 | 47 | 46 | S | 3 | chp | 3 | Jersey ... | 29.88 | 61 | 53 | S | 4 |
| Aberdeen ... | 29.26 | 49 | 46 | SSW | 3 | og | 4 | Hurst Castle ... | 29.75 | 58 | 56 | SW | 8 |
| Shields ... | 29.37 | 50 | 49 | SSW | 3 | T | 2 | Dungeness ... | 29.78 | 58 | 55 | SW | 7 |
| Ardrossan ... | 29.29 | 50 | 49 | SW | 3 | 0 | 2 | North Foreland ... | 29.76 | 58 | 53 | SW | 8 |
| Malin Head ... | 29.27 | 48 | 46 | WNW | 5 | 0 | 4 | London ... | 29.73 | 58 | 54 | SW | 5 |
| Mullaghmore ... | 29.41 | 49 | 46 | WSW | 6 | cp | 5 | Yarmouth ... | 29.69 | 59 | 54 | SSW | 5 |
| Behmullet ... | 29.46 | 51 | 48 | W | 4 | bc | 4 | Rocheport ... | 30.07 | 62 | 57 | WNW | 3 |
| Holyhead ... | 29.45 | 53 | 49 | WSW | 5 | og | 5 | | | | | | |

GENERAL REMARKS ON THE WEATHER OVER EUROPE DURING THE PAST 24 HOURS.

Weather in morning very variable over the British Isles and northwestern Europe generally - sky clear in some places - cloudy or overcast elsewhere, with rain in many localities, and general appearance unsettled; continuing fine and bright over southeastern, southern, and southwestern Europe as a whole, but thunderstorms prevalent in the southern part of France. Heavy rain over the southern half of England later - the amount collected being 1.5 in. at Hawley, 0.7 in. at Hurst Castle and Oxford, and 0.9 in. in London.

Temperature now fallen over France, no further change in our Islands. Morning reading exceeding 70° on the southern and western sides of the Mediterranean and the north of the Adriatic only; exceeding 60° over Spain, Italy, and many parts of Germany, exceeding 50° over southern Russia, Hungary, and in the Atlantic shores of the British Islands and Western Europe. Lowest 34° at Archangel, 39° at Haparanda, 41° at Åbo, 43° at Stornoway, 45° to 48° over Central England, and 46° at Paris. Rising later to 60° and more in the south of England, over Germany, and the northern half of France, and to upwards of 70° in the south of France, but scarcely exceeding 50° all over our northwestern districts, and only reaching 41° at Haparanda.

Wind very light and variable over southern and southeastern Europe, but fresh to strong and variable in the south of France; cyclonic over the United Kingdom, N^W in Ireland, S^W to S^E over Great Britain and strong in force; SE³ to E², light over the northern half of Norway. Blowing a strong gale from S^W and W. over the eastern half of the Channel later, and a strong squally breeze over our southern counties but falling to a light or moderate breeze in the north.

Barometer highest, 30.1 in. and more to 30.0 in. over the whole of southwestern, southern, and southeastern Europe, with the Mediterranean, and 30.2 in. in the south of Russia; 29.9 in. and more over the north of Russia. Lowest 29.1 in. and less, in a depression having its centre off the northwest of Scotland and the Hebrides. Gradient rather steep over our Islands. Depression partially filling up later, but spreading out southwards and eastwards with considerable rapidity owing to advance of secondary systems from the westward.

EXPLANATION OF THE COLUMNS GIVEN ON PAGE 1.

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

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

H.B.—The morning observations are made at 8 a.m. in the British Islands, Germany, Sweden, and Norway, 7 a.m. in France, Spain and Portugal, and 9 a.m. in Belgium. The evening observations are made at 6 p.m. in the British Islands and France, 8 p.m. in Sweden, Norway, and Germany, and 9 p.m. in Belgium. The time at each Station is the Standard Time of its Country.

Subscriptions both for the Daily and Weekly Weather Reports may be paid, in advance, to the Meteorological Office.

TERMS: For Daily Weather Report, forwarded by Book Post, £1 0 0 per annum.

" Weekly " " £1 10 0 "

ADDITIONS AND CORRECTIONS TO THE

1. REPORTS RECEIVED TOO LATE FOR INSERTION DAILY.

| | | YESTERDAY EVENING. | | | | | 8 A.M. TO DAY. | | | | | | | | | | PAST 24 HOURS | | | |
|-------|---------------|----------------------------------|-----------|--------|------------------|----------|----------------------------------|------------------------------|-------------|-----------|--------------------------------|--------|------------------|----------|---------------|----------|---------------|------|---------------------|--|
| DATE. | STATIONS. | BAROM. | TEMP. | WIND. | | Weather. | BAROMETER. | | SHADE TEMP. | | | WIND. | | Weather. | Sea (0 to 9). | Weather. | SHADE TEMP. | | Amount of Rainfall. | |
| | | Reading at 32° F. and Sea Level. | Dry Bulb. | Dirce. | Force (0 to 12). | | Reading at 32° F. and Sea Level. | Change since Yesterday Morn. | Dry Bulb. | Wet Bulb. | Change in dry since Yesterday. | Dirce. | Force (0 to 12). | | | | Max. | Min. | | |
| 1 | Corunna..... | * | * | * | * | * | 30.32 | +1.17 | 62 | 57 | - 3 | SSW | 5 | b | 4 | * | 66 | 48 | 0.04 | |
| 2 | Skagen..... | 29.64 | 56 | W | 6 | 0 | 29.56 | +1.09 | 58 | 57 | 0 | WSW | 5 | 0 | 3 | 0 | 61 | 54 | 0.59 | |
| | Brussels..... | * | * | * | * | * | 29.96 | -0.06 | 59 | - | + 2 | SSW | 6 | 0 | * | 0 | 66 | 56 | - | |
| | Corunna..... | * | * | * | * | * | 30.05 | -0.27 | 66 | 59 | + 4 | NE | 4 | b | 2 | * | 70 | 52 | - | |
| 3 | Corunna..... | * | * | * | * | * | 30.19 | +1.14 | 64 | 59 | - 2 | N | 5 | r | 4 | * | 68 | 46 | 0.08 | |
| 5 | Corunna..... | * | * | * | * | * | 30.31 | -0.03 | 62 | 56 | - 3 | NE | 4 | b | 4 | * | 66 | 50 | - | |
| 6 | Corunna..... | * | * | * | * | * | 30.19 | -0.12 | 63 | - | + 1 | E | 4 | b | 3 | * | 70 | 50 | - | |
| 7 | Corunna..... | * | * | * | * | * | 30.24 | +0.05 | 65 | 60 | + 2 | NNE | 6 | b | 5 | * | 73 | 48 | - | |
| 8 | Corunna..... | * | * | * | * | * | 30.39 | +1.15 | 66 | 58 | + 1 | NE | 7 | bc | 5 | * | 68 | 57 | - | |
| 9 | Corunna..... | * | * | * | * | * | 30.27 | -0.12 | 65 | 60 | - 1 | NW | 2 | m | 5 | * | 66 | 52 | - | |
| 10 | Corunna..... | * | * | * | * | * | 30.28 | +0.01 | 66 | 62 | + 1 | SW | 4 | 0 | 4 | * | 66 | 57 | - | |
| 11 | Corunna..... | * | * | * | * | * | 30.08 | -0.20 | 75 | 66 | + 9 | EHE | 4 | m | 3 | * | 75 | 61 | - | |
| 12 | Brussels..... | * | * | * | * | * | 30.23 | +1.10 | 59 | - | 0 | SW | 2 | 0 | * | 0 | 67 | 55 | - | |
| | Corunna..... | * | * | * | * | * | 30.27 | +1.19 | 65 | - | - 10 | NW | 2 | m | 4 | * | 75 | 55 | 0.04 | |
| 13 | Brussels..... | * | * | * | * | * | 29.89 | -0.34 | 65 | - | + 6 | S | 3 | bc | * | bc | 71 | 58 | - | |
| | Corunna..... | * | * | * | * | * | 30.15 | -0.12 | 66 | 62 | + 1 | SSW | 5 | 0 | 3 | * | 79 | 55 | - | |
| 14 | Corunna..... | * | * | * | * | * | 30.27 | +1.12 | 65 | 61 | - 1 | EHE | 4 | m | 4 | * | 72 | 54 | 0.16 | |
| 15 | Corunna..... | * | * | * | * | * | 30.04 | -0.23 | 65 | 60 | 0 | NE | 4 | b | 3 | * | 66 | 50 | - | |
| 16 | Corunna..... | * | * | * | * | * | 29.96 | -0.08 | 58 | 54 | - 7 | S | 3 | c | 2 | * | 66 | 45 | - | |
| 17 | Corunna..... | * | * | * | * | * | 30.08 | +1.12 | 68 | 64 | + 10 | NW | 2 | m | 4 | * | 68 | 52 | 0.04 | |
| 19 | Corunna..... | * | * | * | * | * | 30.06 | -0.05 | 75 | 66 | + 5 | SSE | 4 | b | 1 | * | 82 | 59 | - | |
| 20 | Corunna..... | * | * | * | * | * | 30.17 | +1.11 | 69 | 63 | - 6 | S | 4 | b | 2 | * | 88 | 55 | - | |
| 21 | Corunna..... | * | * | * | * | * | 30.15 | -0.02 | 65 | 62 | - 4 | NW | 4 | 0 | 3 | * | 70 | 57 | - | |
| 22 | Corunna..... | * | * | * | * | * | 30.24 | +0.09 | 75 | 67 | + 10 | SSE | 5 | bc | 3 | * | ? | 59 | 0.04 | |
| 23 | Aparanda..... | 29.88 | 42 | NW | 2 | b | 30.09 | +1.23 | 42 | 40 | 0 | N | 2 | b | * | b | 52 | 34 | - | |
| | Brussels..... | * | * | * | * | * | 30.12 | 0.00 | 58 | 56 | + 3 | WSW | 2 | b | * | b | 67 | 53 | - | |
| | Corunna..... | * | * | * | * | * | 30.17 | -0.07 | 67 | 62 | - 8 | S | 4 | 0 | 3 | * | 79 | 57 | - | |
| 24 | Corunna..... | * | * | * | * | * | 30.21 | +0.04 | 63 | 62 | - 4 | W | 3 | 0 | 2 | * | 73 | 57 | - | |
| 26 | Corunna..... | * | * | * | * | * | 29.84 | ? | 66 | - | ? | E | 3 | 0 | 3 | * | 66 | 55 | - | |
| | Lisbon..... | 29.91 | 67 | NW | 4 | b | 29.90 | -0.06 | 64 | 60 | + 2 | NNE | 4 | bc | * | b, cl | 77 | 62 | 0.04 | |
| 27 | Corunna..... | * | * | * | * | * | 30.04 | +1.20 | 68 | - | + 2 | S | 3 | 0 | 3 | * | 68 | 54 | 0.08 | |
| 28 | Corunna..... | * | * | * | * | * | 30.06 | +0.02 | 61 | 59 | - 7 | SSW | 5 | r | 4 | * | 70 | 57 | 0.04 | |
| 29 | Wisby..... | 29.67 | 60 | SSW | 4 | bc | 29.54 | -1.19 | 58 | - | 0 | SSW | 6 | r | * | bc | 68 | 54 | 0.16 | |
| | Stica..... | 30.05 | 64 | Z | 0 | bc | 30.07 | 0.01 | 59 | - | - 7 | SE | 5 | kl | 4 | bc | 77 | 55 | 0.43 | |
| | Corunna..... | * | * | * | * | * | ? | ? | 60 | 57 | - 1 | ? | 6 | 0 | 6 | * | 63 | 52 | 0.55 | |

2. CORRECTIONS.

[illegible]