

RAINFALL AT *Kilfinnan, Ballinore* *Argyll*

Observer

4534

Rain Gauge { By *Thom's gauge*
Diameter.....in.

Height above Ground...*3*...ft...*0*...in.

Above Mean Sea Level.....ft.

L. Fyne - II.

| YEAR..... | 1833 | 1834 | 1835 | 1836 | 1837 | 1838 | 1839 | MEANS. |
|-----------------|-------|-------|-------|-------|-------|-------|-------|--------|
| January..... | .70 | 9.30 | 2.85 | 8.50 | 3.40 | 1.60 | 4.40 | |
| February | 6.40 | 3.50 | 7.20 | 3.10 | 6.40 | 1.10 | 5.10 | |
| March | 1.20 | 4.30 | 4.65 | 6.90 | 1.30 | 4.10 | 5.50 | |
| April | 2.40 | .40 | 1.90 | 3.80 | 1.80 | 2.05 | 2.20 | |
| May | 3.00 | 2.80 | 7.00 | .20 | 2.40 | 1.10 | 2.40 | |
| June | 5.00 | 3.80 | 1.60 | 4.00 | 2.80 | 5.50 | 2.80 | |
| July..... | 2.30 | 2.80 | 4.50 | 6.30 | 3.10 | 5.60 | 4.90 | |
| August..... | 3.05 | 4.45 | 6.10 | 3.60 | 3.30 | 5.90 | 5.00 | |
| September | 7.05 | 3.60 | 6.50 | 7.50 | 3.00 | 4.50 | 8.50 | |
| October | 6.00 | 6.50 | 5.00 | 5.10 | 7.00 | 7.00 | 6.70 | |
| November | 8.00 | 7.30 | 7.25 | 6.50 | 7.30 | 5.00 | 4.30 | |
| December..... | 10.30 | 4.00 | 3.45 | 5.70 | 4.90 | 5.60 | 4.90 | |
| TOTALS..... | 55.40 | 52.75 | 58.00 | 61.20 | 46.70 | 49.05 | 56.70 | |

Gauge in garden 16 1/2 yards from the beacon

From the Observer's M. S. register presented to Roy. Met. Soc:
There is no indication that the gauge was read oftener than once a month. The observer mixes decimal & vulgar fractions & at times omits ciphers but every entry has been carefully considered.

RAINFALL AT *Kilfinnan, Ballinore* *Argyll*

Observer.....

Rain Gauge { By *Troun's gauge*
Diameter.....in. Height above Ground, *3*.....ft.....*0*.....in. Above Mean Sea Level.....ft.

L. Tyne - 11.

| YEAR..... | 1840 | 1841 | 1842 | 1843 | 1844 | 1845 | 1846 | 1847 | 1848 | 1849 | MEANS. |
|----------------|-------|------|------|-------|------|-------|-------|-------|------|------|--------|
| January..... | 8.00 | 1.50 | 6.40 | 7.30 | 4.60 | 6.40 | 6.30 | 3.50 | 4.00 | | |
| February..... | 4.10 | 3.00 | 7.00 | 1.55 | 5.90 | | 4.00 | 2.50 | 6.00 | 5.50 | |
| March..... | .60 | 4.60 | 6.50 | 2.60 | 5.40 | | 5.50 | 2.00 | | 2.00 | |
| April..... | .60 | | 1.10 | 6.60 | 2.50 | | 2.00 | 3.50 | 2.50 | 2.70 | |
| May..... | 3.10 | 3.40 | 2.60 | 2.65 | .10 | 1.50 | 2.00 | 3.30 | 1.00 | 3.10 | |
| June..... | 6.10 | 2.60 | 3.30 | 2.20 | 4.00 | 4.50 | 6.00 | 2.20 | 3.00 | 2.00 | |
| July..... | 3.60 | 2.70 | 3.30 | 5.85 | 4.30 | 2.00 | 8.50 | 2.00 | 5.00 | 4.30 | |
| August..... | 4.70 | 5.40 | 4.20 | 4.35 | 2.30 | 1.60 | 4.00 | 3.00 | 3.00 | 2.90 | |
| September..... | 9.30 | 4.40 | 3.10 | 3.00 | 1.40 | 6.00 | 3.00 | 5.00 | 2.00 | | |
| October..... | 3.00 | 6.00 | | 9.40 | | 10.10 | 4.00 | 7.00 | 5.00 | 3.90 | |
| November..... | 5.20 | 4.60 | 3.10 | 6.30 | 3.90 | 9.00 | 7.00 | 7.75 | 7.00 | 6.50 | |
| December..... | 4.10 | 8.50 | 7.80 | 3.70 | | 8.30 | 1.00 | 9.00 | 5.00 | 3.80 | |
| TOTALS..... | 52.40 | | | 55.50 | | | 53.30 | 50.75 | | | |

Gauge in garden 1646 yards from the beacon

From the Observer's M.S. Register presented to Roy. Met. Soc:
A gauge on roof in 1841 collected

May 2.50in July 2.20in Sept. 4.00in Nov. 3.50in
June 2.00in Aug 4.50in Oct. 4.90in Dec. 5.40in

Baltimore (other form)

Angell.

Mps Rec No 79

L. Fyne - II. Gauge in garden 2 ft + ground.

| YEAR - - | 1850 | 1851 | 1852 | 1853 | 1854 | 1855 | 1856 | 1857 | 1858 | 1859 | MEANS. |
|--------------|------|------|-------|-------|-------|------|------|------|------|------|--------|
| January - - | | 2.90 | 12.60 | 13.10 | 9.50 | .90 | 3.20 | | | | |
| February - - | 7.30 | 4.90 | 7.60 | 2.20 | 5.80 | .80 | 2.70 | | | | |
| March - - - | 2.30 | 6 | 1. | 1.30 | 3.40 | | | | | | |
| April - - - | 4.30 | 1.30 | 1.20 | 2.90 | 1.40 | 3.50 | | | | | |
| May - - - - | 2.10 | 1.80 | | 1.00 | 4.00 | 2.10 | | | | | |
| June - - - - | 2.80 | 4.80 | 3.50 | 2.40 | 3.40 | | | | | | |
| July - - - - | 3.50 | 4.90 | 6.20 | 6. | 4.30 | | | | | | |
| August - - - | 6.10 | 5.60 | 4.40 | 3. | 4.60 | 4.00 | | | | | |
| September - | 3.10 | 1.30 | | 5.20 | 4.00 | 2.70 | | | | | |
| October - - | 5.00 | 7.30 | 3. | 8.50 | 7.80 | 7.80 | | | | | |
| November - | 6.70 | 1.25 | 8. | 8.40 | 6.30 | 1.90 | | | | | |
| December - | | | 17.90 | 70 | 12.20 | 3.30 | | | | | |
| TOTALS - | | | | 54.70 | 66.70 | | | | | | |

G. in garden 1646 yards from the beacon.

RAINFALL AT

Loch Fyne, Altar Ferry (School house)

Lat. _____

Lon. _____

County of Argyll

Rain Gauge, by _____

Observer

Mr Stewart

Loch Fyne - 11.

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|-------|-------|--------|
| Diameter ... | | | | | | | | | 5 | | |
| Height | | | | | | | | | 10 | | |
| Altitude ... | | | | | | | | | 375 | | |
| Year ... | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January ... | | | | | | | | | 4.86 | 4.92 | |
| February ... | | | | | | | | | 3.60 | 2.75 | |
| March | | | | | | | | | 5.13 | 1.04 | |
| April | | | | | | | | | 1.77 | 4.17 | |
| May | | | | | | | | | 2.85 | 3.28 | |
| June | | | | | | | | | 2.76 | 2.41 | |
| July | | | | | | | | | 5.06 | 4.53 | |
| August | | | | | | | | | 4.84 | 3.04 | |
| September .. | | | | | | | | | 7.90 | 1.66 | |
| October ... | | | | | | | | | 1.60 | 6.56 | |
| November .. | | | | | | | | | 4.04 | 2.81 | |
| December... | | | | | | | | | 5.53 | 5.19 | |
| TOTALS ... | | | | | | | | | 48.94 | 42.36 | |

1902 Kilgoman church 3 1/2 miles S
 Greenock Station 60 miles E
 Trees 40 ft high 40 ft NW
 Home 21 " S

RAINFALL at Otter Ferry, BallimoreCounty of AngusObserver Mr. W. MacKenzieRiver Basin Loch Tyne 11.for John MacRae-Gilstrap Esq.

Rain Gauge, by _____

| | | | | | | | | | | | |
|--------------|----------|-------|-------|-------|------|------|------|------|------|------|--------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 0 6 | | | | | | | | | | |
| Altitude ... | 70 π | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 5.06 | 4.90 | 7.70 | 9.00 | | | | | | | |
| February ... | 8.55 | 8.18 | 5.50 | 4.10 | | | | | | | |
| March | 2.60 | 1.86 | 4.20 | 6.25 | | | | | | | |
| April | 4.40 | 4.50 | 1.25 | 5.00 | | | | | | | |
| May | 3.05 | 3.11 | 2.00 | 4.75 | | | | | | | |
| June | 2.00 | 2.20 | 3.50 | .75 | | | | | | | |
| July | 4.99 | 3.50 | 3.00 | 1.00 | | | | | | | |
| August | 6.10 | 5.52 | 3.80 | .65 | | | | | | | |
| September .. | 3.15 | 2.95 | 4.02 | 3.62 | | | | | | | |
| October ... | 2.40 | 3.00 | 6.50 | 3.75 | | | | | | | |
| November .. | 4.58 | 8.50 | 6.50 | 8.65 | | | | | | | |
| December ... | 6.95 | 11.23 | 11.00 | 5.58 | | | | | | | |
| TOTALS ... | 53.83 | 59.45 | 58.97 | 53.10 | | | | | | | |

1913. August. Observer maintains that figure given is right. (S. 14.)

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|----------|-----------|------------|
| 1911. | | | | | | Kilfinan | 4 mls. | SW. |

RAINFALL at Older Ferry, School HouseCounty of ArgyllObserver Mrs. StewartRiver Basin Loch Fyne 11.Miss Mrs. Culloch 1918

Rain Gauge, by _____

| | | | | | | | | | | | |
|--------------|-------|-------|-------|------|-------|-------|-------|------|------|------|--------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude ... | 377 | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 4.61 | 3.98 | 6.49 | | 4.23 | 5.42 | 6.13 | 2.68 | imp | | |
| February ... | 8.37 | 6.32 | 3.77 | | 7.78 | 8.90 | 7.26 | .92 | 6.65 | | |
| March | 2.24 | 1.41 | 5.03 | | 5.51 | 3.03 | 1.36 | 2.41 | 1.79 | | |
| April | 3.95 | 3.68 | 2.48 | | 3.36 | 3.22 | 3.99 | 2.35 | 1.22 | | |
| May | 2.67 | 3.06 | 2.65 | | 1.69 | .76 | 4.50 | 4.23 | | | |
| June | 1.79 | 2.16 | 5.49 | | 1.79 | 2.49 | 1.98 | 2.30 | | | |
| July | 4.60 | 4.60 | 2.13 | | 1.90 | 4.71 | 2.77 | | | | |
| August | 6.68 | 4.21 | 3.59 | | 4.51 | 2.36 | 2.77 | 2.02 | | | |
| September .. | 2.79 | 2.31 | 3.62 | | 3.08 | .78 | 1.69 | 3.75 | | | |
| October ... | 2.49 | 3.44 | 5.45 | | 2.44 | 3.16 | 6.59 | | | | |
| November .. | 4.50 | 5.45 | 5.19 | | 5.01 | 2.16 | 5.66 | | | | |
| December ... | 6.03 | 10.42 | 9.99 | | 7.68 | 6.05 | 4.65 | | | | |
| TOTALS ... | 50.72 | 51.04 | 55.88 | NR | 48.98 | 43.04 | 49.35 | | | | |

1911. Tree 70' high, 60' W.
House 21' high, 21' S.

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|----------|------------|------------|
| 1911 | | | Glenoch | 45 mls. | SE. | Kilfinan | 3 1/2 mls. | S. |

RAINFALL at Otter Ferry, Ballimore.County of ArgyllObserver Lt. Col. Mackenzie-GilstrapRiver Basin Loch Fyne 11Mr. Mackenzie (Hastings)

(1927) M.O. Rain Gauge, by _____

| | | | | | | | | | | | | |
|---------------|------|-------|-------|-------|-------|---------|-------|-------|-------|-------|----------------|--|
| Diameter ... | | | 5 | | | 5" | | | | | | |
| Height | | | 0 7 | | | 10" | | | | | | |
| Altitude ... | | | 50 | | 60 | 70 | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930. MEAN. | |
| January ... | | 4.00 | 7.65 | 6.83 | 5.25 | (4.75) | 6.90 | 8.00 | 11.15 | 2.47 | 7.16 | |
| February ... | | 1.75 | 5.76 | 8.10 | 1.53 | 6.00 | 7.00 | 4.33 | 4.71 | .00? | .30 | |
| March | | 4.60 | 1.85 | 3.00 | .59 | 3.25 | 4.75 | 6.07 | 5.81 | 2.09 | 2.52 | |
| April | | 2.65 | 2.20 | 3.70 | 3.50 | 6.75 | 1.41 | 4.31 | 2.70 | 1.61 | 1.85 | |
| May | | 2.10 | 3.65 | 2.50 | 4.10 | 7.25 | 3.23 | 3.40 | 1.20 | 4.75 | 2.28 | |
| June | | .65 | 3.85 | 3.75 | 3.60 | 1.45 | 2.70 | 3.70 | 4.65 | 2.67 | 2.82 | |
| July | | 4.00 | 3.62 | 4.50 | 5.63 | 2.72 | 3.50 | 3.65 | 2.70 | 3.55 | 1.90 | |
| August | | 6.50 | 5.20 | 5.60 | 6.00 | 5.00 | 5.17 | 4.83 | 5.65 | 5.94? | 6.66 | |
| September... | | 3.75 | 4.25 | 9.55 | 6.30 | (4.45) | 5.62 | 6.60 | 4.18 | 3.90 | 2.15 | |
| October | | 5.50 | 2.55 | 8.90 | 5.00 | 7.75 | 7.25 | 5.53 | 8.15 | 6.50 | 7.00 | |
| November... | | 4.10 | 6.25 | 6.50 | 3.85 | 2.23 | 7.90 | 6.20 | 9.33 | 8.75 | 6.53 | |
| December... | | 9.56 | 6.35 | 7.25 | 8.30 | 3.80 | 3.53 | 1.62 | 6.90 | 15.02 | 8.03 | |
| TOTALS... | | 49.16 | 53.18 | 70.18 | 53.65 | (55.40) | 58.96 | 58.24 | 67.13 | 57.25 | 50.30 | |

1922. Base Edging 7" high, a few inches E & W.

1924. Fence, 5' high, 4' 10" S.

1925. Jan & Sept. corr. by corr. stations.

1929. Obs. confirms Feb. & Aug. totals.

Position of Station on reduced Ordnance Survey } No. of Map _____
Map, 2 miles to 1 inch Series

Reference No. _____

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1922 | | | Lighabruich | 112 mi | SE | Kilferman | 3 mi | S. |

RAINFALL at Over Ferry (Baltimore)County of Angus Observer St. Col. J. MacRae - GilchristRiver Basin 11- Loch Fyne

Type of Gauge

Annual Average ^x in. based on years obs. un-weighted. Period of average Ref

| | | | | | | | | | | | |
|-----------|--------|-------|-------|-------|-------|------|------|------|------|------|-------|
| Diameter | 5. | | | | | | | | | | |
| Height | 0. 10. | | | | | | | | | | |
| Altitude | 40. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 6.44 | 9.36 | 5.17 | 3.78 | 3.50 | | | | | | |
| February | 5.85 | .06 | 6.26 | .93 | 6.18 | | | | | | |
| March | 1.05 | 4.67 | 2.40 | 2.80 | 1.93 | | | | | | |
| April | 2.77 | 4.06 | 3.85 | 3.70 | 2.21 | | | | | | |
| May | 3.92 | 2.15 | 4.19 | 4.50 | .97 | | | | | | |
| June | 5.06 | 1.90 | 3.35 | 2.80 | 4.09 | | | | | | |
| July | 3.82 | 4.99 | 4.58 | 3.02 | 2.25 | | | | | | |
| August | 1.60 | 4.56 | 5.23 | 5.95 | 2.50 | | | | | | |
| September | 2.80 | 4.30 | 1.09 | 8.95 | 6.99 | | | | | | |
| October | 4.35 | 7.98 | 4.76 | 9.93 | 14.30 | | | | | | |
| November | 10.61 | 4.55 | 3.90 | 1.63 | 7.27 | | | | | | |
| December | 5.51 | 6.95 | 2.65 | 10.66 | 3.19 | | | | | | |
| TOTALS | 54.08 | 55.53 | 47.43 | 58.25 | 57.58 | | | | | | |

1934 Print with query.

x An. av. 50.8 in computed for Sunny (1943 new) on 12 yrs, appears satisfactory.

Position of Station on reduced Ordnance Survey Map, } No. of Map Reference No.
1 mile to 1 inch Series

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1931. | | | Anschar | 36m | E. | Kilfrman | 2½m. | S. |