

RAINFALL AT *Buchlyvie The Mause*

Lat. _____

Lon. _____

County of _____

Stirling

Rain Gauge, by _____

Observer _____

Per J. A. Macdonald

Forth, R. bank - 1.

| | | | | | | | | | | | | |
|-------------------|------|------|------|------|------|------|------|------|------|-------|------------------|--|
| Diameter . . . | | | | | | | | | | | 5 | |
| Height | | | | | | | | | | | 1.3 | |
| Altitude | | | | | | | | | | | 118 ^I | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. | |
| January | | | | | | | | | | 3.43 | | |
| February | | | | | | | | | | 3.89 | | |
| March | | | | | | | | | | 2.28 | | |
| April | | | | | | | | | | 3.96 | | |
| May | | | | | | | | | | 3.83 | | |
| June | | | | | | | | | | 1.36 | | |
| July | | | | | | | | | | 2.02 | | |
| August | | | | | | | | | | 6.34 | | |
| September . . . | | | | | | | | | | 1.41 | | |
| October | | | | | | | | | | 4.15 | | |
| November | | | | | | | | | | 2.52 | | |
| December | | | | | | | | | | 4.32 | | |
| TOTALS | | | | | | | | | | 39.51 | | |

Buchlyvie Church 54' SW

RAINFALL AT *Buchlyvie The Manse*

Lat.

Lon.

County of

Stirling

Rain Gauge, by

Observer

Rev J. A. Macdonald

Forth, R. Bank - 1.

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter | 5 | | | | | | | | | | |
| Height | 1 | 3 | | | | | | | | | |
| Altitude | 118 | T | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | 9.86 | 3.97 | 4.33 | 3.04 | 8.99 | 2.09 | 3.02 | 1.93 | 5.17 | 8.13 | 5.053 |
| February | 1.32 | 1.23 | 3.05 | 6.40 | 13.21 | .60 | 3.08 | 4.32 | 4.95 | 3.32 | 4.148 |
| March | 3.79 | 3.56 | 1.34 | 2.01 | 4.66 | 3.03 | 5.33 | 6.18 | 2.05 | 4.96 | 3.691 |
| April | 1.58 | 2.12 | .90 | 1.42 | 1.54 | 3.05 | 2.71 | 2.60 | 4.72 | 4.43 | 2.507 |
| May | 3.71 | 2.33 | 4.96 | 2.65 | 2.35 | .99 | .89 | 2.62 | 2.35 | 4.63 | 2.748 |
| June | 4.42 | 1.52 | 5.19 | 2.19 | 3.76 | 2.99 | 5.44 | 6.99 | 2.77 | 2.03 | 3.730 |
| July | 4.82 | 2.09 | 3.01 | 2.91 | 3.77 | 5.19 | 3.30 | 2.67 | 1.51 | 4.56 | 3.383 |
| August | 3.71 | 6.10 | 9.48 | 3.42 | 4.40 | 7.48 | 2.92 | 6.03 | 6.27 | 1.73 | 5.158 |
| September.... | 6.46 | 6.30 | 6.73 | 3.07 | .21 | 1.92 | 4.97 | 4.09 | 5.92 | 4.88 | 4.455 |
| October | 3.50 | 5.49 | 3.97 | 5.86 | 4.04 | 3.12 | 4.25 | 2.78 | 5.07 | 4.68 | 4.276 |
| November.... | 9.27 | 4.66 | 5.23 | 3.45 | 3.80 | 6.79 | 1.90 | 4.48 | 6.41 | 8.01 | 5.400 |
| December | 1.28 | 8.95 | 2.84 | 6.58 | 3.40 | 5.74 | 7.62 | 6.50 | 9.89 | 5.24 | 5.804 |
| TOTALS | 53.72 | 48.35 | 51.03 | 43.00 | 54.13 | 42.99 | 45.44 | 51.19 | 57.08 | 56.60 | 50.053 |

1890 *Buchlyvie Church* ^{36⁰⁰} 50 ft SW
 1896 *Young's Gauge moved* 24 ft NE
Buchlyvie Ch 60 ft S.W.

RAINFALL AT *Buchlyvie The Manse*

Lat.

Lon.

County of *Stirling*

Rain Gauge, by

Observer *Prof. A. Macdonald*

Forth, Elbank - 1.

| | | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter .. | 5" | | | | | | | | | | | |
| Height | 1 3 | | | | | | | | | | | |
| Altitude .. | 118 T | | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEAN. | |
| January .. | 7.16 | 3.38 | 4.73 | 11.05 | 5.48 | 3.09 | 8.05 | 4.51 | 6.42 | 7.16 | 61.03 | |
| February .. | 4.64 | 1.34 | 1.81 | 10.20 | 4.85 | 4.27 | 4.13 | 5.22 | 3.46 | 2.38 | 42.30 | |
| March | 1.03 | 2.60 | 3.48 | 10.25 | 2.96 | 5.01 | 4.59 | 5.20 | 4.91 | 2.60 | 42.63 | |
| April | 3.38 | 3.29 | 1.95 | 1.94 | 6.77 | 3.24 | 1.93 | 3.40 | 1.37 | 5.08 | 32.45 | |
| May | 3.65 | 2.60 | 2.48 | 3.02 | 4.12 | 2.57 | 4.80 | 4.72 | 3.67 | 4.08 | 35.71 | |
| June | 4.74 | 4.05 | 2.02 | 3.30 | 2.49 | 1.17 | 1.62 | 4.88 | 2.75 | 2.68 | 29.70 | |
| July | 3.99 | 3.21 | 3.37 | 5.00 | 3.31 | 3.15 | 2.98 | 3.00 | 3.85 | 4.10 | 35.96 | |
| August | 4.63 | 3.71 | 4.70 | 7.55 | 6.13 | 6.51 | 5.62 | 6.39 | 4.88 | 3.78 | 53.90 | |
| September.. | 4.06 | 3.91 | 3.82 | 4.09 | 5.39 | 3.51 | 2.23 | 2.40 | 7.59 | 2.03 | 39.03 | |
| October | 6.78 | 5.04 | 3.49 | 9.55 | 3.03 | 3.59 | 7.47 | 6.68 | 1.60 | 8.93 | 56.16 | |
| November.. | 7.52 | 3.74 | 4.15 | 3.37 | 2.38 | 5.64 | 5.82 | 3.48 | 4.06 | 2.79 | 42.95 | |
| December .. | 9.35 | 5.86 | 6.94 | 5.44 | 6.18 | 5.72 | 4.10 | 7.65 | 5.73 | 8.36 | 65.33 | |
| TOTALS .. | 60.93 | 42.73 | 42.94 | 74.76 | 53.09 | 47.57 | 53.34 | 57.53 | 50.29 | 53.97 | 53.715 | |

1900 *Buchlyvie church 60 ft S.W.*

1903 " Station 1500 yards N.W.

1902 *Bushes 3' 6" high 6-12 ft all round*

James
old new
about
240
013 010
110 002
211 193
307 290
415 399
510 500
 RAINFALL at Buchlyvie, The Manse
 County of Stirling Observer Rev. J. A. Macdonald
 River Basin Forth - Right bank tribut. 1.
 Rain Gauge, by Howard
 no cross wire 5.09, 5.05, 4.98, 5.09.

unlisted glass to be obtained.

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|---------|------|---------|------|--------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 1 3 | | | | | | | | | | |
| Altitude ... | 118 T | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 7.19 | 5.22 | 4.06 | 5.53 | 3.34 | 2.72 | 7.71 | | 6.20 | | |
| February ... | 6.50 | 8.68 | 4.58 | 3.70 | 4.54 | 5.89 | 5.55 | | 7.46 | | |
| March | 3.04 | 2.38 | 5.75 | 6.82 | 3.99 | 2.26 | 2.15 | | 1.82 | | |
| April | 6.18 | 3.47 | 2.40 | 3.52 | 3.35 | 3.88 | 3.44 | | .98 | | |
| May | 2.83 | 3.58 | 2.26 | 3.21 | 1.98 | 1.61 | 4.35 | 3.76 | 2.74 | | |
| June | 2.69 | 3.07 | 5.33 | 2.92 | .96 | 1.98 | 2.11 | 3.05 | 1.58 | | |
| July | 5.01 | 3.13 | 2.51 | 1.11 | 2.92 | 4.75 | 4.73 | 1.44 | 3.22 | | |
| August | 9.28 | 4.09 | 4.56 | 1.76 | 5.24 | 3.62 | 3.66 | 5.11 | 3.80 | | |
| September .. | 2.05 | 2.43 | 3.08 | 2.23 | 2.73 | 2.13 | 1.10 | 2.75 | 6.65 | | |
| October ... | 2.52 | 3.40 | 5.24 | 2.36 | 1.64 | 2.93 | 10.39 | 7.75 | 6.57 | | |
| November .. | 3.73 | 7.16 | 3.70 | 6.00 | 5.68 | 2.93 | (6.50) | 8.27 | 5.68 | | |
| December ... | 5.26 | 6.64 | 8.40 | 2.53 | 7.63 | 4.70 | (5.50) | 3.04 | (5.50) | | |
| TOTALS ... | 56.28 | 53.25 | 51.87 | 43.69 | 44.03 | 39.40 | (57.19) | | (52.20) | | |

1913 Branch 3-4 ft high 4-7 ft all round
 1916 November & December estimated from monthly maps.
 1918 Dec. interpolated.

+ 9. VII. 14 Cl. sheltered garden. Hazel tree 20 ft high 15 ft away sheltering it badly.
 used to be in less sheltered spot on lawn and may be replaced there

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------------------------|------------|----------|-----------|------------|
| 1911. | | | Buchlyvie | 240. 1500 (1914) 1 m? | NW. W | Parish + | 60 ft. | SW. |