

Rainfall at Northam, Bideford
Devon

60

J H Gopet

173 69
 156 66

Diameter of Gauge, 5 in.

Height above Ground, 1 ft. in.

Above Mean Sea Level, 140 ft.

Tonnage - 3

| YEAR - | 1860 | 1861 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | MEANS. |
|---------------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|
| January - - | | | | | | 5.34 | 5.42 | 5.58 | 5.70 | 5.52 | |
| February - - | | | | | | 3.07 | 4.65 | 2.75 | 2.08 | 4.07 | |
| March - - - | | | | | | 2.54 | 3.02 | 3.24 | 3.09 | 1.71 | |
| April - - - | | | | | | 2.05 | 1.53 | 2.94 | 2.27 | 1.25 | |
| May - - - - | | | | | | 3.44 | 1.08 | 2.57 | 2.16 | 4.40 | |
| June - - - - | | | | | | 1.54 | 2.18 | 1.05 | .34 | .23 | |
| July - - - - | | | | | | 2.93 | 2.10 | 3.61 | .39 | .50 | |
| August - - - | | | | | | 4.82 | 3.36 | 1.40 | 3.99 | .99 | |
| September - | | | | | | .14 | 8.10 | 1.32 | 3.10 | 4.17 | |
| October - - - | | | | | | 6.48 | 1.69 | 6.30 | 5.43 | 2.84 | |
| November - | | | | | | 3.92 | 3.24 | 1.06 | 2.53 | 3.32 | |
| December - | | | | | | 2.84 | 4.88 | 2.33 | 7.03 | 5.44 | |
| TOTALS - | | | | | | 39.11 | 41.25 | 34.15 | 38.11 | 36.44 | |

in middle of kitchen garden in a gravelled space
 1 1/2 miles from the sea

RAINFALL AT Bideford Northam Vicarage

Lat.

Lon.

County of Devon

.....

Rain Gauge, by.....

Observer Rev J. J. Churchward

Torridge - 3

| Diameter | .5 | . | | | | | | | | | |
|----------------|-------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1 | . | . | 1.3 | | 1. | | | | | |
| Altitude | 173. | . | | | | | | | | | |
| YEAR | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | 2.64 | 3.36 | 6.86 | 5.39 | 3.73 | 6.33 | 1.59 | 5.76 | 2.17 | 3.58 | 4.141 |
| February | 1.72 | 2.10 | 4.16 | 1.98 | 2.75 | 1.55 | 3.66 | 2.38 | 2.15 | 4.50 | 2.695 |
| March | 1.76 | 1.90 | 4.88 | 3.34 | 1.79 | 1.32 | 4.54 | 3.07 | 1.61 | .82 | 2.503 |
| April..... | .20 | 3.09 | 2.32 | .90 | 2.24 | 1.92 | 2.50 | 3.69 | 2.53 | 1.53 | 2.092 |
| May | 1.63 | .75 | 1.38 | 1.79 | .55 | 2.82 | .40 | 2.90 | 4.52 | 2.23 | 1.897 |
| June..... | .56 | 1.63 | 5.04 | 1.33 | .95 | 3.69 | 1.54 | 1.52 | 2.97 | 5.48 | 2.471 |
| July | 1.29 | 5.72 | 3.52 | 3.79 | 3.66 | 2.62 | 1.21 | 3.82 | 2.35 | 2.81 | 3.079 |
| August..... | 1.11 | 1.45 | 3.27 | 4.77 | 4.45 | 3.26 | 2.95 | 5.23 | 4.23 | 5.35 | 3.607 |
| September.... | 1.95 | 5.02 | 4.45 | 2.70 | 4.85 | 5.93 | 4.99 | 2.30 | 3.81 | 3.43 | 3.943 |
| October..... | ⁺ 3.72 | ⁺ 5.89 | 7.86 | 5.62 | 4.80 | 5.85 | 4.42 | 3.87 | 6.44 | 1.78 | 4.975 |
| November..... | 1.61 | 1.62 | 6.12 | 2.57 | 2.90 | 6.98 | 2.83 | 8.56 | 4.73 | .79 | 3.871 |
| December..... | .93 | 2.70 | 6.45 | 1.22 | 5.29 | 2.21 | 7.83 | 2.98 | 3.52 | 1.32 | 3.345 |
| TOTALS | 19.12 | 35.23 | 54.81 | 35.40 | 37.96 | 44.48 | 38.46 | 46.08 | 41.03 | 33.62 | 38.619 |

1870 ? as to Sept. & Oct. owing to removal to this Vicarage

RAINFALL AT *Northam, Bideford*

80

Lat.

Lon.

County of *Devon*

Rain Gauge, by

Observer *Rev. M. D. Churchward*

Torridge - 3

| | | | | | | | | | | | |
|-----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter | 5 | | | | | | | | | | |
| Height | 1.0 | | | | | | | | | | |
| Altitude | 173 ft | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | 63 | 2.11 | 2.93 | 3.95 | 4.61 | 3.34 | 5.72 | 3.83 | 1.71 | 1.59 | 3.042 |
| February | 4.26 | 3.62 | 2.38 | 5.42 | 4.06 | 3.90 | 1.09 | .51 | 1.23 | 2.56 | 2.903 |
| March | 1.48 | 2.48 | 1.12 | .67 | 3.38 | 1.26 | 2.55 | 1.39 | 4.13 | 3.14 | 2.160 |
| April | 1.91 | .76 | 5.12 | 1.25 | 1.48 | 2.19 | 2.28 | 1.00 | .96 | 1.29 | 1.824 |
| May | 2.88 | 1.39 | 2.19 | 1.82 | 1.25 | 2.70 | 3.03 | 1.89 | 1.45 | 2.93 | 2.123 |
| June | 1.63 | 3.02 | 3.32 | 3.61 | 1.33 | 3.07 | 1.38 | .86 | 2.93 | .48 | 2.073 |
| July | 5.57 | 2.30 | 4.93 | 3.49 | 2.23 | .79 | 2.44 | 1.39 | 4.48 | 3.22 | 3.075 |
| August | .81 | 4.73 | 4.81 | 1.83 | 2.35 | 1.18 | .79 | 1.04 | 3.41 | 2.87 | 2.382 |
| September | 2.83 | 2.27 | 3.69 | 4.85 | 1.68 | 5.99 | 2.76 | 3.93 | 1.67 | 1.73 | 3.140 |
| October | 5.95 | 2.68 | 6.33 | 3.95 | 2.34 | 5.76 | 7.04 | 3.64 | 2.37 | 5.23 | 4.529 |
| November | 3.31 | 4.61 | 6.60 | 6.62 | 3.04 | 4.03 | 3.31 | 3.98 | 6.42 | 2.27 | 4.445 |
| December | 5.46 | 4.78 | 4.58 | 1.83 | 4.72 | 1.73 | 6.18 | 2.63 | 4.72 | 2.32 | 3.895 |
| TOTALS | 36.66 | 34.75 | 48.26 | 38.89 | 32.47 | 35.94 | 38.54 | 25.29 | 38.48 | 29.63 | 35.591 |

1880. Northam Ch. 200 yards N.E.

RAINFALL AT *Bideford Northam*

Lat. *51° 3' 20" N*

Lon. *4° 17' 35" W* County of *N Devon*

Rain Gauge, by *Torrige -- 3*

Observer *Rev M D Churchward*

| | | | | | | | | | | | | |
|---------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | 5 | | | | | | | | | | | |
| Height | 10 | | | | | | | | | | | |
| Altitude | 173 π | | | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. | |
| January | 4.76 | 3.34 | 2.11 | 2.47 | 3.48 | 3.06 | 1.06 | 1.98 | .85 | 7.04 | 2.015 | |
| February | .98 | .05 | 2.25 | 4.58 | 3.03 | .06 | .99 | 4.89 | 1.66 | 3.85 | 2.224 | |
| March | 1.18 | 1.34 | .79 | .65 | 3.12 | 2.80 | 3.96 | 4.58 | .99 | 1.21 | 2.062 | |
| April | 2.47 | 1.96 | 2.07 | .35 | 1.40 | 1.99 | .98 | 3.28 | 1.59 | 2.83 | 1.892 | |
| May | 2.87 | 3.11 | 1.41 | 1.99 | 2.49 | .34 | .04 | 1.21 | 3.20 | 2.91 | 1.957 | |
| June | 3.04 | 2.97 | 1.62 | .79 | 1.93 | 1.54 | 1.97 | 1.73 | 2.51 | 1.16 | 1.926 | |
| July | 2.73 | 2.57 | 1.43 | 6.90 | 3.67 | 3.42 | 1.04 | 1.99 | .77 | .53 | 2.505 | |
| August | 3.68 | 5.93 | 4.17 | 1.89 | 3.49 | 3.32 | 2.30 | 4.23 | 2.94 | 1.99 | 3.294 | |
| September.... | 1.36 | 3.31 | 3.35 | 3.61 | 2.06 | .89 | 5.36 | 5.56 | 1.33 | 3.81 | 3.064 | |
| October | 2.78 | 6.09 | 4.52 | 4.82 | 5.55 | 5.86 | 4.26 | 1.11 | 7.49 | 3.33 | 4.581 | |
| November.... | 4.99 | 3.14 | 3.00 | 2.50 | 6.91 | 5.31 | 1.13 | 2.62 | 2.61 | 3.37 | 3.558 | |
| December | 2.13 | 4.48 | 2.33 | 4.89 | 3.21 | 3.58 | 6.16 | 6.04 | 4.77 | 3.98 | 4.157 | |
| TOTALS . . . | 32.97 | 38.29 | 29.05 | 35.40 | 40.34 | 32.17 | 29.25 | 39.22 | 30.71 | 36.01 | 34.345 | |

New gauge C1895

RAINFALL AT Bideford Northam Viarage

Lat. _____ Lon. _____ County of Devon North

Rain Gauge, by _____ Observer Rev. Pres. Churchward

Yomage - 3.

| | | | | | | | | | | | |
|--------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 5 | | | | | | | | | | |
| Height | 10 | | | | | | | | | 1.6 | |
| Altitude .. | 173 π | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 5.01 | 2.28 | 1.97 | 4.89 | 4.65 | 1.75 | 6.11 | 1.58 | 1.61 | 2.17 | 3.202 |
| February .. | 5.53 | 1.56 | 1.45 | 1.91 | 5.86 | 1.69 | 3.81 | 1.55 | 2.39 | .34 | 2.609 |
| March | .85 | 1.89 | 2.72 | 5.52 | 1.42 | 4.08 | 1.75 | 1.13 | 3.64 | 5.86 | 2.886 |
| April | 1.35 | 3.34 | 1.52 | 1.96 | 1.24 | 2.52 | 1.13 | 4.84 | 1.86 | 2.28 | 2.204 |
| May | 1.45 | .78 | 2.90 | 3.78 | 2.48 | .15 | 2.39 | 2.44 | 1.79 | 1.23 | 1.934 |
| June | 2.36 | 3.88 | 3.44 | 1.15 | 1.12 | 2.88 | 1.34 | 2.63 | .94 | 1.17 | 2.091 |
| July | 1.11 | 1.19 | 2.29 | 2.27 | 4.00 | .79 | .68 | 1.03 | 1.52 | 1.45 | 1.663 |
| August | 2.54 | 2.17 | 2.21 | 4.06 | 2.69 | 5.05 | 2.72 | 2.28 | 3.30 | 1.61 | 2.863 |
| September .. | 1.48 | 2.65 | 3.04 | 4.09 | 2.62 | 1.40 | 1.00 | .66 | 1.87 | 2.88 | 2.169 |
| October | 5.08 | 3.64 | 3.42 | 10.98 | 2.35 | 3.22 | 5.75 | 5.58 | 1.28 | 6.28 | 4.758 |
| November .. | 5.34 | 1.67 | 4.89 | 2.92 | 3.65 | 5.73 | 3.93 | 2.68 | 1.97 | 1.94 | 3.472 |
| December .. | 6.25 | 6.67 | 3.08 | 3.84 | 3.46 | 1.65 | 3.14 | 5.10 | 4.57 | 5.00 | 4.276 |
| TOTALS .. | 38.35 | 31.67 | 32.93 | 47.37 | 35.54 | 30.91 | 33.75 | 31.80 | 26.74 | 32.21 | 34.127 |

1903 Northam Church 500 ft NE
Bideford Station 1 1/4 mile SE

RAINFALL at Northam VicarageCounty of North DevonObserver Rev. P. J. Arnold ChurchwardRiver Basin Torridge 3

Rain Gauge, by _____

| | | | | | | | | | | | |
|--------------|--------|-------|-------|-------|-------|-------|------|------|------|------|--------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 13 | | | | | | | | | | |
| Altitude ... | 173 ft | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 3.72 | 1.24 | 3.38 | 5.40 | 1.84 | 3.78 | 1.58 | | | | |
| February ... | 5.21 | 1.83 | 2.42 | 1.55 | 4.06 | 5.73 | 5.79 | | | | |
| March | .82 | 1.94 | 5.68 | 4.63 | 5.75 | .58 | 3.01 | | | | |
| April | 2.03 | 1.96 | .15 | 4.10 | 1.89 | 1.04 | .82 | | | | |
| May | 2.01 | 1.09 | 1.43 | 2.68 | 1.30 | 3.28 | 1.70 | | | | |
| June | 2.44 | 2.61 | 5.77 | 1.81 | 1.82 | 1.11 | 1.65 | | | | |
| July | 2.67 | .38 | 2.65 | .42 | 4.31 | 4.07 | | | | | |
| August | 4.07 | 2.45 | 7.51 | 1.13 | 3.90 | 1.32 | 2.48 | | | | |
| September .. | .08 | 2.93 | .64 | 1.86 | 2.44 | 1.08 | 2.36 | | | | |
| October ... | 5.23 | 3.46 | 4.78 | 3.88 | 2.78 | 4.18 | | | | | |
| November .. | 5.29 | 5.06 | 3.18 | 5.27 | 4.96 | 2.28 | | | | | |
| December ... | 5.02 | 7.74 | 5.95 | 3.47 | 6.56 | 6.59 | | | | | |
| TOTALS ... | 38.59 | 32.69 | 43.54 | 36.20 | 41.61 | 35.04 | | | | | |
| | D | D | D | D | D | D | | | | | |

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| 1960 | | | Bideford | 2 Miles | SE | | | |