

RAINFALL AT Chester-le-Street Birley

Lat.....

Lon..... County of Durham.....

..... Rain Gauge, by..... Observer Rev R. F. Wheeler.....

| Diameter..... | | 5 | . | . | . | . | . | . | . | . | |
|----------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | | 10 | 9 | . | . | . | . | . | . | . | |
| Altitude..... | | 205 | . | . | . | . | . | . | . | . | |
| Year..... | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January..... | | | | 1.15 | 1.43 | 2.43 | 3.56 | 3.51 | 2.24 | 1.51 | |
| February..... | | | | 2.15 | 1.05 | 1.45 | 2.29 | 1.65 | .79 | 2.61 | |
| March..... | | | | 2.05 | .93 | .69 | 1.92 | 3.50 | .96 | 1.08 | |
| April..... | | | | 4.06 | .92 | 1.10 | 3.16 | 4.47 | 2.04 | 1.86 | |
| May | | | | 2.55 | 2.97 | .84 | 1.27 | 2.65 | 3.41 | 1.80 | |
| June..... | | | | 1.20 | .57 | 1.86 | 1.81 | 1.39 | 2.03 | 3.32 | |
| July | | | | 2.10 | 2.36 | 3.85 | 2.07 | 2.74 | .28 | 3.73 | |
| August..... | | | | 2.77 | 2.28 | 2.61 | 1.42 | 5.48 | 5.62 | 3.23 | |
| September..... | | | | 1.44 | 1.75 | 2.09 | 3.17 | 1.32 | 1.64 | .98 | |
| October..... | | | | 2.03 | 1.30 | 4.55 | 1.38 | 2.49 | 1.22 | .87 | |
| November..... | | | | 1.20 | 3.95 | 5.92 | 3.58 | 1.09 | 6.22 | 2.51 | |
| December..... | | | | 3.2 | 4.57 | 1.52 | 4.78 | 1.39 | 4.05 | .76 | |
| TOTALS..... | | | | 23.02 | 24.08 | 28.91 | 27.41 | 31.68 | 30.50 | 24.26 | |

1874 Gauge stands on a lawn free from obstructions, only a few low shrubs within several yards.

1879 Shrubs 4 ft high 4 yds distant

Birley church $\frac{1}{2}$ mile N.

RAINFALL AT Chester-le-Street Birtley

80

Lat.

Long.

County of Durham

Rain Gauge, by

Observer R. C. Clephan, Esq.

Tyne 3

| Diameter | 5 | | | | | | | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1.0 | | | | 9 | | | | | | |
| Altitude | 2057 | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | .77 | .67 | .82 | 1.74 | 2.80 | 1.72 | 4.43 | 1.61 | .97 | 1.00 | 1.673 |
| February | 1.64 | 3.76 | .87 | 1.64 | 1.27 | .78 | 1.52 | .58 | 1.24 | 1.07 | 1.437 |
| March | 1.38 | 2.21 | 1.14 | 1.88 | 2.13 | 2.00 | 4.00 | 1.69 | 4.87 | 2.86 | 2.416 |
| April | 2.52 | 1.13 | 3.43 | 1.37 | 3.05 | 1.78 | 1.61 | .88 | 2.59 | 2.76 | 2.112 |
| May | 1.49 | 1.41 | 1.70 | 2.23 | .91 | 3.62 | 2.81 | 1.70 | .48 | 1.70 | 1.805 |
| June | 2.13 | 2.40 | 2.72 | 3.30 | 1.05 | 1.82 | 1.19 | .29 | 1.79 | .43 | 1.712 |
| July | 3.69 | 3.17 | 3.39 | 4.37 | 3.93 | .97 | 4.72 | .74 | 5.85 | 3.02 | 3.385 |
| August | 1.24 | 5.54 | 2.35 | 1.82 | .93 | 3.46 | 1.31 | 2.53 | 1.76 | 3.78 | 2.472 |
| September | 4.31 | 4.04 | 2.20 | 3.99 | 1.27 | 2.70 | 1.85 | 4.89 | 1.54 | 1.07 | 2.776 |
| October | 4.59 | 4.27 | 3.72 | 1.68 | 1.71 | 5.00 | 4.32 | 2.25 | .88 | 4.07 | 3.249 |
| November | 2.07 | 1.63 | 2.88 | 1.44 | 1.47 | 2.21 | 4.10 | 3.35 | 4.22 | .90 | 2.427 |
| December | 4.17 | 2.66 | 4.90 | 1.90 | 1.06 | 1.00 | 3.56 | 2.99 | .79 | 1.28 | 2.431 |
| TOTALS | 30.00 | 33.09 | 30.03 | 27.36 | 21.58 | 27.05 | 35.42 | 23.50 | 26.98 | 23.94 | 27.895 |

1880 Birtley Church, $\frac{1}{2}$ mile N
Shrubs 3 ft high 12 ft SW