

RAINFALL AT

Cheltenham Heath Lodge

Gloucester.

Observer *Rev M. A. Smith*

Rain { By

Gauge { Diameter.....in. Height above Ground.....ft.....in.

Above Mean Sea Level *206* ft.

Season, 2-3.

| YEAR..... | | | | | | | | 1867 | 1868 | 1869 | MEANS. |
|----------------|--|--|--|--|--|--|--|-------|-------|-------|--------|
| January..... | | | | | | | | 3.97 | 2.86 | 5.15 | |
| February..... | | | | | | | | 1.44 | 1.72 | 2.71 | |
| March..... | | | | | | | | 2.86 | 2.61 | 1.47 | |
| April..... | | | | | | | | 1.71 | 1.82 | 1.44 | |
| May..... | | | | | | | | 3.05 | 1.20 | 3.12 | |
| June..... | | | | | | | | 1.69 | .15 | 1.57 | |
| July..... | | | | | | | | 2.35 | 1.05 | .57 | |
| August..... | | | | | | | | 1.80 | 3.67 | 1.13 | |
| September..... | | | | | | | | 1.83 | 2.43 | 3.43 | |
| October..... | | | | | | | | 2.88 | 1.34 | 2.34 | |
| November..... | | | | | | | | .37 | 2.44 | 2.36 | |
| December..... | | | | | | | | 1.38 | 4.90 | 4.12 | |
| TOTALS | | | | | | | | 25.33 | 27.19 | 29.35 | |

Height Sta. No. 24 - 458357

N.G.R. 50(32) 963240

alt. 63m

RAINFALL AT

Cheltenham Heath Lodge

Lat. $51^{\circ} 54' 57''$ N

Lon. $2^{\circ} 3' 21''$ W

County of

Gloucester

Rain Gauge, by

Observer

Rev M. A. Smart

Seven, P-3.

| | | | | | | | | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter. | 8 | | | | | | | | | | |
| Height. | 1 | | | | | | | | | | |
| Altitude. | 206 | | | | | | | | | | |
| Year. | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January. | 1.93 | 1.75 | 3.75 | 2.84 | 2.89 | 4.08 | 2.86 | 4.87 | 1.39 | 2.73 | 2.909 |
| February. | 1.79 | 1.19 | 2.26 | 1.14 | 2.19 | 1.85 | 2.07 | 1.69 | 1.39 | 2.74 | 1.831 |
| March. | 1.27 | 1.36 | 2.10 | 2.88 | .86 | .90 | 3.15 | 1.83 | .99 | 1.16 | 1.650 |
| April. | .65 | 2.37 | 2.68 | 1.42 | 1.41 | 2.99 | 2.32 | 2.61 | 3.74 | 2.75 | 2.294 |
| May. | 1.06 | 2.10 | 1.30 | 2.45 | 1.04 | 2.25 | .99 | 1.98 | 5.25 | 2.81 | 2.123 |
| June. | .93 | 2.49 | 2.85 | 1.86 | .72 | 2.43 | 1.61 | 1.01 | 2.39 | 3.45 | 1.974 |
| July. | 1.63 | 3.50 | 4.52 | 1.98 | .90 | 5.95 | .67 | 4.08 | 2.18 | 4.36 | 2.977 |
| August. | 1.57 | 3.24 | 3.14 | 2.63 | 1.82 | 1.18 | 2.24 | 4.48 | 5.79 | 6.17 | 3.226 |
| September. | 1.30 | 5.48 | 1.52 | 1.45 | 3.54 | 2.89 | 3.91 | 3.18 | 2.66 | 2.88 | 2.881 |
| October. | 2.80 | 1.44 | 3.87 | 2.07 | 2.91 | 6.52 | 2.42 | 1.84 | 2.49 | 1.45 | 2.775 |
| November. | 2.80 | .65 | 5.09 | 1.66 | 2.64 | 5.32 | 3.13 | 3.57 | 3.60 | 1.26 | 2.966 |
| December. | 1.93 | 1.98 | 3.29 | .76 | 2.04 | .70 | 6.14 | 1.23 | 1.57 | .65 | 2.029 |
| TOTALS. | 19.66 | 27.55 | 36.37 | 23.08 | 22.96 | 37.06 | 31.57 | 32.31 | 33.44 | 32.41 | 29.635 |

Hyd. Sta. No: 24-458357

N.R. 50(32) 963240

alt. 63m

RAINFALL AT *Cheltenham Heath Lodge*

80

Lat. *51°54'57"N*

Lon. *2°3'21"W*

County of *Gloucester*

Rain Gauge, by

Observer *Rev. M. A. Smeeth*

Seven L - 3.

| | | | | | | | | | | | |
|-------------------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|--------|
| Diameter . . . | | | | | | 8 | | | | | |
| Height | 1. - | | | | | 2 | 1 | 0 | | | |
| Altitude | 206 | | | | | 206 | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | 1.19 | 1.05 | 2.16 | 2.84 | 2.82 | 2.43 | 4.36 | 2.62 | .62 | .64 | 2.073 |
| February | 5.01 | 3.25 | 2.96 | 4.60 | 1.81 | 3.74 | .82 | .70 | 1.77 | 1.42 | 2.608 |
| March | 1.19 | 1.57 | 1.59 | 1.59 | 2.79 | 1.18 | 2.23 | 1.36 | 3.40 | 3.86 | 2.076 |
| April | 1.91 | .82 | 3.50 | 1.21 | 1.82 | 2.52 | 2.14 | 1.76 | 2.23 | 3.39 | 2.130 |
| May | .90 | 1.08 | 1.84 | 1.87 | .93 | 2.58 | 4.22 | 2.04 | 1.42 | 4.09 | 2.097 |
| June | 1.70 | 2.28 | 3.52 | 3.21 | 3.84 | 2.05 | .77 | 1.55 | 2.50 | .71 | 2.213 |
| July | 5.06 | 2.00 | 3.53 | 3.77 | 3.18 | .12 | 3.42 | 1.24 | 5.00 | 2.44 | 2.976 |
| August | .67 | 3.80 | 3.11 | 1.06 | 1.81 | (1.86) | 1.17 | 1.42 | 1.89 | 1.59 | 1.838 |
| September | 4.58 | 1.79 | 3.19 | 3.83 | 1.03 | 3.35 | 3.05 | 2.55 | .89 | 2.19 | 2.645 |
| October | 4.71 | 2.12 | 5.92 | 2.50 | 1.44 | 2.94 | 4.62 | 2.70 | .51 | 2.31 | 2.977 |
| November | 3.12 | 3.34 | 3.81 | 2.92 | 2.02 | 3.69 | 2.51 | 3.02 | 5.75 | 1.06 | 3.124 |
| December | 2.87 | 2.95 | 3.08 | .74 | 2.35 | 1.07 | 4.30 | 1.86 | 2.84 | 1.49 | 2.355 |
| TOTALS | 32.91 | 26.05 | 38.21 | 30.14 | 25.84 | 27.53 | 33.61 | 22.82 | 28.82 | 25.19 | 29.112 |

1885 August gauge moved

Hyge Sta. No. 24 - 458357

NGR: So(32) 963240

alt. 63m

RAINFALL AT

Cheltenham Heath Lodge

Lat. *51 54 10*

Lon. *8 15 74*

County of

Gloucester

Rain Gauge, by

Observer

Rev M. A. Smelt

Seven. L - 3.

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter | 8 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude | 206 | | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | 2.43 | 2.09 | 1.28 | 1.83 | 1.83 | 3.27 | .76 | 1.99 | .68 | 3.45 | 1.961 |
| February | .59 | .05 | 1.90 | 2.73 | 1.81 | .15 | .40 | 2.84 | 1.58 | 3.19 | 1.524 |
| March | .91 | 2.18 | .78 | .15 | 1.34 | 2.12 | 2.28 | 3.96 | .66 | .63 | 1.501 |
| April | .78 | 1.02 | .83 | .07 | 3.08 | 2.38 | .70 | 1.15 | 2.47 | 2.21 | 1.469 |
| May | 1.78 | 3.73 | .89 | 1.45 | 1.99 | .41 | .27 | 1.11 | 3.92 | 1.77 | 1.732 |
| June | 2.23 | 1.37 | 1.77 | 1.26 | 1.95 | .80 | 2.13 | 2.30 | 1.06 | 1.64 | 1.651 |
| July | 3.29 | 4.18 | 2.06 | 2.73 | 2.21 | 2.44 | 1.36 | 1.27 | 1.18 | .84 | 2.156 |
| August | 2.70 | 4.80 | 2.65 | 2.05 | 2.19 | 2.34 | 2.32 | 3.53 | 3.83 | 3.06 | 2.947 |
| September.... | 1.08 | 1.75 | 2.67 | .93 | 3.14 | .82 | 4.66 | 2.32 | .68 | 2.14 | 2.019 |
| October | 1.29 | 6.29 | 1.90 | 1.75 | 3.24 | 2.98 | 3.06 | 1.51 | 3.56 | 2.43 | 2.801 |
| November.... | 2.04 | 2.48 | 1.95 | 2.19 | 4.00 | 5.19 | 1.00 | 1.52 | 2.62 | 2.57 | 2.556 |
| December | .88 | 3.88 | .83 | 2.98 | 2.22 | 1.73 | 3.38 | 3.15 | 2.54 | 2.42 | 2.401 |
| TOTALS | 20.00 | 33.82 | 19.51 | 20.12 | 29.00 | 24.63 | 22.32 | 26.65 | 24.78 | 26.35 | 24.718 |

1891 all saints 200 yards SE 18° 10'

Hyp. Sta. No: 24- 458357

NGR: 50(32) 963240

alt: 63m

RAINFALL AT

Cheltenham Heath Lodge
 Lat. $51^{\circ} 54' 57''$ N Lon. $8^{\circ} 5' 26''$ W County of *Gloucester West*
 Rain Gauge, by Observer *Rev M. A. Smelt*
Severn L-3.

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|------|------|------|------|------|------|--------|
| Diameter .. | 8 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude .. | 286 | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 3.02 | 1.37 | .79 | 3.33 | | | | | | | |
| February .. | 6.34 | 1.39 | 1.01 | 1.33 | | | | | | | |
| March | 1.29 | 2.16 | 1.78 | 3.23 | | | | | | | |
| April | .79 | 2.86 | 2.18 | 1.83 | | | | | | | |
| May | 2.12 | 1.24 | 2.42 | 4.16 | | | | | | | |
| June | 1.73 | 2.07 | 3.14 | 3.99 | | | | | | | |
| July | 1.74 | 2.18 | 1.15 | 4.55 | | | | | | | |
| August | 3.13 | 1.69 | 3.43 | 2.87 | | | | | | | |
| September .. | .53 | 1.51 | 1.63 | 2.50 | | | | | | | |
| October | 2.70 | 1.23 | 2.55 | 6.81 | | | | | | | |
| November .. | 1.77 | 1.53 | 2.15 | 1.85 | | | | | | | |
| December .. | 5.11 | 4.53 | 1.81 | 1.51 | | | | | | | |
| TOTALS .. | 30.27 | 23.76 | 24.04 | 37.96 | | | | | | | |

HxH Sta. No: 24-458357

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alt: 63m