

Lancaster

Campbell

| YEAR - - | 1780 | 1781 | 1782 | 1783 | 1784 | 1785 | 1786 | 1787 | 1788 | 1789 | MEANS. |
|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|
| January - - | | | | | 2 69 | 2 50 | 2 50 | 1 63 | 2 83 | 4 42 | |
| February - - | | | | | 2 31 | 53 | 1 08 | 5 00 | 2 08 | 4 92 | |
| March - - - | | | | | 2 62 | 08 | 92 | 3 61 | 1 83 | 69 | |
| April - - - | | | | | 3 00 | 1 67 | 37 | 1 29 | 2 63 | 4 31 | |
| May - - - - | | | | | 3 00 | 1 50 | 1 67 | 1 35 | 1 08 | 4 12 | |
| June - - - - | | | | | 5 75 | 1 04 | 1 83 | 3 50 | 2 03 | 5 21 | |
| July - - - - | | | | | 3 00 | 2 12 | 2 79 | 7 00 | 6 42 | 5 64 | |
| August - - - | | | | | 5 00 | 10 33 | 5 00 | 7 00 | 2 06 | 4 6 | |
| September - | | | | | 2 58 | 5 50 | 7 92 | 2 00 | 3 60 | 4 15 | |
| October - - - | | | | | 67 | 5 75 | 1 50 | 9 75 | 2 13 | 6 50 | |
| November - | | | | | 3 00 | 4 50 | 3 00 | 4 46 | 1 81 | 4 08 | |
| December - | | | | | 1 50 | 1 17 | 3 67 | 4 42 | 86 | 6 50 | |
| TOTALS - | | | | | 35 12 | 36 69 | 32 25 | 51 01 | 29 36 | 51 00 | |

RAINFALL AT Lancaster

From Memoirs of the Literary & Philosophical Society of Manchester

Observer L. Campbell

Vol. IV. p. 265, 591

Rain { By

Gauge {

Diameter.....in.

Height above Ground,ft.....in.

Above Mean Sea Level.....ft.

| YEAR..... | 1790 | 1791 | 1792 | 1793 | | | | | | 1 | MEANS. |
|----------------|-------|-------|-------|-------|--|--|--|--|--|---|--------|
| January..... | 5.92 | 5.83 | 3.17 | 4.50 | | | | | | | |
| February..... | 1.19 | 3.14 | 3.00 | 3.72 | | | | | | | |
| March..... | .68 | 2.17 | 5.75 | 2.68 | | | | | | | |
| April..... | 1.29 | 4.25 | 5.79 | 1.92 | | | | | | | |
| May..... | 2.08 | 2.35 | 5.00 | .83 | | | | | | | |
| June..... | 4.00 | .87 | 3.83 | 3.41 | | | | | | | |
| July..... | 7.50 | 3.50 | 5.12 | 2.83 | | | | | | | |
| August..... | 3.86 | 6.17 | 8.50 | 5.50 | | | | | | | |
| September..... | 5.41 | 1.79 | 9.33 | 3.33 | | | | | | | |
| October..... | 2.75 | 3.83 | 4.25 | 4.68 | | | | | | | |
| November..... | 4.53 | 6.50 | 4.00 | 3.79 | | | | | | | |
| December..... | 7.33 | 5.63 | 8.08 | 4.68 | | | | | | | |
| TOTALS | 46.54 | 46.03 | 65.82 | 41.87 | | | | | | | |

1793. The 1st. giving the year listed as 41.00

RAINFALL AT *Leicester*

From Birmingham Literary & Philosophical Society of Leicester

Observer *D. Campbell*

Vol. IV. p. 265

Rain { By.....

Gauge { Diameter.....in. Height above Ground,.....ft.....in. Above Mean Sea Level.....ft.

| YEAR..... | | | | | 1784 | 1785 | 1786 | 1787 | 1788 | 1789 | MEANS |
|----------------|--|--|--|--|-------|-------|-------|-------|-------|-------|-------|
| January..... | | | | | 2.70 | 2.50 | 2.50 | 1.63 | 2.83 | 4.41 | |
| February..... | | | | | 2.31 | .53 | 1.08 | 5.00 | 2.08 | 4.92 | |
| March..... | | | | | 2.63 | .02 | .92 | 3.62 | 1.83 | .71 | |
| April..... | | | | | 3.00 | 1.68 | .37 | 1.29 | 2.63 | 4.31 | |
| May..... | | | | | 3.00 | 1.50 | 1.68 | 1.35 | 1.08 | 4.12 | |
| June..... | | | | | 5.75 | 1.04 | 1.83 | 3.50 | 2.03 | 5.21 | |
| July..... | | | | | 3.00 | 2.10 | 2.79 | 7.00 | 6.41 | 5.65 | |
| August..... | | | | | 5.00 | 10.33 | 5.00 | 7.00 | 2.06 | .49 | |
| September..... | | | | | 2.59 | 5.50 | 7.92 | 2.00 | 3.61 | 4.14 | |
| October..... | | | | | .68 | 5.75 | 1.50 | 9.75 | 2.10 | 6.50 | |
| November..... | | | | | 3.00 | 4.50 | 3.00 | 4.45 | 1.81 | 4.08 | |
| December..... | | | | | 1.50 | 1.17 | 3.68 | 4.41 | .86 | 6.50 | |
| TOTALS | | | | | 35.16 | 36.62 | 32.27 | 51.00 | 29.33 | 51.04 | |

1785. During a thunderstorm in Aug^r 1785, there fell at Leicester near six inches perpendicular of rain one afternoon?

Lancaster

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Campbell

Man: Soc. Trans.

| YEAR - - | 1790 | 1791 | 1792 | 1793 | | | | | | | MEANS. |
|--------------|------|------|------|------|--|--|--|--|------------------|------------------|--------|
| January - - | 592 | 583 | 317 | 450 | | | | | | | |
| February - - | 119 | 314 | 300 | 371 | | | | | | | |
| March - - - | 66 | 217 | 575 | 267 | | | | | | | |
| April - - - | 127 | 425 | 579 | 192 | | | | | | | |
| May - - - - | 208 | 235 | 500 | 83 | | | | | | | |
| June - - - - | 400 | 88 | 383 | 342 | | | | | | | |
| July - - - - | 750 | 350 | 513 | 283 | | | | | | | |
| August - - - | 386 | 617 | 850 | 550 | | | | | | | |
| September - | 542 | 179 | 933 | 333 | | | | | | | |
| October - - | 275 | 383 | 425 | 466 | | | | | | | |
| November - | 453 | 650 | 400 | 379 | | | | | | | |
| December - | 733 | 562 | 808 | 467 | | | | | | | |
| TOTALS - | 4657 | 4600 | 6583 | 4183 | | | | | 43 $\frac{1}{4}$ | 45 $\frac{1}{2}$ | |

C C C C

1-3 Thom Mem.

RAINFALL AT Lancaster

Observer

from Cooke's Met. register

Rain { By

Gauge {

Diameter.....in.

Height above Ground,ft.....in.

Above Mean Sea Level ft.

| YEAR..... | 1790 | 1791 | 1792 | 1793 | 1794 | 1795 | 1796 | 1797 | 1798 | 1799 | MEANS. |
|----------------|------|------|------|------|-------|-------|-------|------|-------|------|--------|
| January..... | | | | | 3.00 | 4.00 | 4.92 | | | | |
| February..... | | | | | 6.16 | 2.21 | 2.54 | | | | |
| March..... | | | | | 3.37 | 3.02 | 1.75 | | | | |
| April..... | | | | | 3.66 | 3.33 | 2.27 | | | | |
| May..... | | | | | 2.08 | 1.50 | 3.33 | | | | |
| June..... | | | | | 2.16 | 3.75 | .84 | | | | |
| July..... | | | | | 2.66 | 2.47 | 5.63 | | | | |
| August..... | | | | | 3.75 | 4.58 | 1.25 | | | | |
| September..... | | | | | 6.83 | 1.06 | 4.25 | | | | |
| October..... | | | | | 7.94 | 7.08 | 3.75 | | | | |
| November..... | | | | | 3.83 | 8.50 | 2.83 | | | | |
| December..... | | | | | 5.33 | 7.48 | 3.04 | | | | |
| TOTALS..... | | | | | 50.81 | 48.98 | 36.40 | | 48.19 | | |

50.77

1794-6 Lowe R. Gen. view Agri. Notes 1798

RAINFALL AT

Lancaster

1886

00

Rain { By

Gauge { Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

| YEAR..... | | | | | | | | | | MEANS. |
|----------------|--|--|-------|--|--|--|--|--|--|--------|
| January | | | 1.95 | | | | | | | |
| February | | | 1.80 | | | | | | | |
| March | | | 1.25 | | | | | | | |
| April | | | 1.75 | | | | | | | |
| May | | | 1.70 | | | | | | | |
| June..... | | | 3.28 | | | | | | | |
| July | | | 1.54 | | | | | | | |
| August..... | | | 1.88 | | | | | | | |
| September ... | | | 1.60 | | | | | | | |
| October..... | | | .82 | | | | | | | |
| November..... | | | 3.25 | | | | | | | |
| December..... | | | 4.60 | | | | | | | |
| TOTALS | | | 25.42 | | | | | | | |

Rainfall at *Lancaster*

40

Ar. Christopherson.

Diameter of Gauge $4\frac{1}{2} \times 8$ in.

Height above Ground, 2 ft. in.

Above Mean Sea Level, 30 ft.

| YEAR - - | | | | | | | | | | 1848 | 1849 | MEANS. |
|--------------|--|--|--|--|--|--|--|--|--|-------|-------|--------|
| January - - | | | | | | | | | | 2.37 | 5.82 | |
| February - - | | | | | | | | | | 6.95 | 2.48 | |
| March - - - | | | | | | | | | | 4.09 | .80 | |
| April - - - | | | | | | | | | | 1.57 | 1.16 | |
| May - - - - | | | | | | | | | | 2.15 | 1.82 | |
| June - - - | | | | | | | | | | 5.28 | 1.11 | |
| July - - - - | | | | | | | | | | 3.63 | 5.13 | |
| August - - - | | | | | | | | | | 5.33 | 3.99 | |
| September - | | | | | | | | | | 2.74 | 3.75 | |
| October - - | | | | | | | | | | 5.17 | 4.92 | |
| November - | | | | | | | | | | 3.30 | 4.21 | |
| December - | | | | | | | | | | 4.94 | 1.74 | |
| TOTALS - | | | | | | | | | | 47.52 | 36.93 | |

Returns taken in 1848 but gauge in bad position