

# RAINFALL AT

*Panopticon*

*From Memoirs of the Glasgow Philosophical Society of  
November, 1810, p. 238*

Observer *Alexander Copland, Esq. Surgeon.*

Rain { By.....  
Gauge { *by an open vessel*

Diameter.....in.

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

Above Mean Sea Level.....ft.

| YEAR.....      |  |  |  |  |  |  |  | 1777  | 1778  | 1779  | MEANS. |
|----------------|--|--|--|--|--|--|--|-------|-------|-------|--------|
| January.....   |  |  |  |  |  |  |  | 2.26  | 2.70  | 2.57  |        |
| February.....  |  |  |  |  |  |  |  | 3.08  | 1.54  | 2.62  |        |
| March.....     |  |  |  |  |  |  |  | 2.98  | 2.63  | .72   |        |
| April.....     |  |  |  |  |  |  |  | 3.02  | 1.64  | 2.66  |        |
| May.....       |  |  |  |  |  |  |  | 1.51  | 3.86  | 3.62  |        |
| June.....      |  |  |  |  |  |  |  | 3.54  | 2.28  | 2.73  |        |
| July.....      |  |  |  |  |  |  |  | 1.70  | 3.66  | 5.21  |        |
| August.....    |  |  |  |  |  |  |  | 3.41  | 2.66  | 1.70  |        |
| September..... |  |  |  |  |  |  |  | 2.48  | 3.47  | 8.31  |        |
| October.....   |  |  |  |  |  |  |  | 6.11  | 6.74  | 5.62  |        |
| November.....  |  |  |  |  |  |  |  | 3.65  | 5.50  | 1.00  |        |
| December.....  |  |  |  |  |  |  |  | .94   | 5.67  | 4.35  |        |
| TOTALS ....    |  |  |  |  |  |  |  | 34.68 | 42.35 | 41.11 |        |

*1777. Total in Memoirs 56.749, but that the addition is incorrect.*

# Rainfall at Dampier

Observer. Alex. Copland (Sydney)

2 ft or 7 ft + ground  
with rc - 3.

| YEAR -      | 1770 | 1771 | 1772 | 1773 | 1774 | 1775  | 1776                      | 1777  | 1778  | 1779  | MEANS. |
|-------------|------|------|------|------|------|-------|---------------------------|-------|-------|-------|--------|
| January -   |      |      |      |      |      | 7.09  | 1.80                      | 2.26  | 2.70  | 2.57  |        |
| February -  |      |      |      |      |      | 5.60  | 3.35                      | 3.00  | 1.54  | 2.62  |        |
| March -     |      |      |      |      |      | 2.81  | 1.85                      | 2.90  | 2.63  | .72   |        |
| April -     |      |      |      |      |      | 1.04  | 1.10                      | 3.10  | 1.64  | 2.66  |        |
| May -       |      |      |      |      |      | 1.03  | 1.18                      | 1.50  | 3.06  | 3.62  |        |
| June -      |      |      |      |      |      | .41   | 3.21                      | 3.54  | 2.28  | 2.73  |        |
| July -      |      |      |      |      |      | 4.81  | 3.97                      | 1.70  | 3.66  | 5.22  |        |
| August -    |      |      |      |      |      | 6.67  | 4.44                      | 3.41  | 2.66  | 1.70  |        |
| September - |      |      |      |      |      | 4.25  | 4.49                      | 2.48  | 3.47  | 8.31  |        |
| October -   |      |      |      |      |      | 6.42  | 1.89                      | 6.11  | 6.74  | 5.62  |        |
| November -  |      |      |      |      |      | 3.90  | 2.46                      | 3.65  | 5.50  | 1.00  |        |
| December -  |      |      |      |      |      | 2.81  | 1.89                      | .94   | 5.67  | 4.35  |        |
| TOTALS -    |      |      |      |      |      | 46.84 | 31.63<br><del>36.90</del> | 34.75 | 42.35 | 41.13 |        |

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7-9 Mean Mem 6-60

1775 + 1776 copies from Extracts from "The Dampier  
Weekly Journal" supplied by C.E. Britton

Kanigall at Dampier

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Observer Albi. Copeland.

with te - 3.

| YEAR - -      | 1780  | 1781  | 1782  | 1783  | 1784  | 1785  | 1786  | 1787  | 1788  | 1789  | MEANS. |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - -   | 1.10  | 1.66  | 62.9  | 3.81  |       |       |       |       |       |       |        |
| February - -  | 3.47  | 3.41  | 3.48  | 4.46  |       |       |       |       |       |       |        |
| March - - -   | 4.92  | .29   | 4.41  | .02   |       |       |       |       |       |       |        |
| April - - -   | 4.15  | 1.00  | 1.39  | .10   |       |       |       |       |       |       |        |
| May - - - -   | 3.95  | .75   | 3.78  | 2.21  |       |       |       |       |       |       |        |
| June - - - -  | 2.57  | 1.46  | 3.26  | 2.93  |       |       |       |       |       |       |        |
| July - - - -  | 1.07  | 2.51  | 1.00  | 2.79  |       |       |       |       |       |       |        |
| August - - -  | 1.17  | 6.55  | 4.15  | 3.12  |       |       |       |       |       |       |        |
| September -   | 6.61  | 1.43  | 5.11  | 4.49  |       |       |       |       |       |       |        |
| October - - - | 7.31  | .48   | 3.90  | 4.81  |       |       |       |       |       |       |        |
| November - -  | 3.40  | 5.12  | 1.31  | 3.26  |       |       |       |       |       |       |        |
| December - -  | .31   | 4.43  | 2.04  | 1.70  |       |       |       |       |       |       |        |
| TOTALS -      | 40.03 | 24.99 | 40.92 | 33.90 | 27.40 | 30.67 | 32.01 | 38.66 | 26.42 | 48.09 | 34.818 |

Man Mem 6-68

Dumfries

Y121

Dr. Copland

? 2 gauges  $\left\{ \begin{smallmatrix} 24 \\ 16 \end{smallmatrix} \right\} + 92$   
 LK TC-3.

| YEAR - -     | 1791  | 1792  | 1793  |       |  |  |  |  |  | MEANS. |
|--------------|-------|-------|-------|-------|--|--|--|--|--|--------|
| January - -  | 3.50  | 3.18  | 2.21  |       |  |  |  |  |  |        |
| February -   | 3.07  | 2.82  | 5.84  |       |  |  |  |  |  |        |
| March - - -  | 1.91  | 4.22  | 4.21  |       |  |  |  |  |  |        |
| April - - -  | 3.06  | 4.20  | .97   |       |  |  |  |  |  |        |
| May - - - -  | 1.86  | 4.49  | 2.14  |       |  |  |  |  |  |        |
| June - - - - | 1.69  | 2.61  | 2.80  |       |  |  |  |  |  |        |
| July - - - - | 5.24  | 4.44  | 1.36  |       |  |  |  |  |  |        |
| August - - - | 3.55  | 4.13  | 4.07  |       |  |  |  |  |  |        |
| September -  | 1.50  | 5.34  | 1.46  |       |  |  |  |  |  |        |
| October - -  | 5.63  | 4.66  | 2.50  |       |  |  |  |  |  |        |
| November -   | 4.82  | 2.62  | 2.60  |       |  |  |  |  |  |        |
| December -   | 3.44  | 4.80  | 3.89  |       |  |  |  |  |  |        |
| TOTALS -     | 39.35 | 39.27 | 47.51 | 34.05 |  |  |  |  |  |        |

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Man Mem 6.60