

Rainfall at Mountewart
See 2-10
Observer 8 10-72

T
Y 166
Date.

Gauge
Date - 1.

Above Sea Level

| YEAR -- | 1800 | 1801 | 1802 | 1803 | 1804 | 1805 | 1806 | 1807 | 1808 | 1809 | MEANS. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January -- | 6.67 | 8.63 | 3.33 | 3.15 | 8.21 | 4.88 | 8.09 | 4.22 | 5.47 | 1.67 | 5.432 |
| February -- | 3.15 | 4.52 | 5.69 | 4.63 | 1.49 | 4.76 | 5.42 | 3.57 | 2.92 | 3.69 | 3.968 |
| March -- | 1.21 | 4.88 | 3.57 | 2.32 | 5.71 | 6.31 | 1.61 | 1.90 | .24 | 2.91 | 3.066 |
| April -- | 5.89 | .62 | 4.52 | 2.74 | 2.02 | 1.07 | 1.61 | 3.81 | 3.33 | 2.50 | 2.811 |
| May -- | 2.80 | 2.14 | 1.18 | 3.81 | 5.95 | 1.31 | 3.21 | 4.05 | 5.77 | 2.80 | 3.297 |
| June -- | .95 | 1.37 | 3.21 | 2.50 | 2.86 | 1.55 | 2.32 | 1.79 | 2.50 | 2.32 | 2.137 |
| July -- | 1.70 | 5.30 | 5.71 | 1.96 | .83 | 3.33 | 4.52 | 5.68 | 4.17 | 2.20 | 3.520 |
| August -- | 1.28 | 2.05 | 4.94 | 1.31 | 5.36 | 3.69 | 5.65 | 4.09 | 8.51 | 8.99 | 4.887 |
| September -- | 5.95 | 2.02 | 2.86 | 3.27 | 2.74 | 4.57 | 3.69 | 5.00 | 1.90 | 4.10 | 3.570 |
| October -- | 6.27 | 6.07 | 6.19 | 1.67 | 8.21 | .77 | 4.76 | 5.77 | 8.99 | 3.03 | 5.073 |
| November -- | 7.02 | 3.42 | .95 | 4.28 | 3.81 | 2.97 | 8.63 | 3.51 | 5.59 | 3.39 | 4.357 |
| December -- | 4.20 | 4.14 | 5.71 | 3.81 | 2.02 | 4.64 | 9.88 | 2.79 | 3.27 | 8.67 | 4.903 |
| TOTALS - | 46.09 | 45.16 | 47.71 | 38.45 | 49.21 | 39.45 | 59.39 | 45.92 | 52.66 | 46.17 | 47.021 |

O-9 Stat Act 2-17

Hydro No 667495

Bute Mount Stewart House?

20

Bute.

Y₂₆₅

Bute - 1.

| YEAR - - | 1803 | 1804 | 1805 | 1806 | 1807 | 1808 | 1809 | MEANS. |
|--------------|-------|-------|-------|-------|--------|--------|--------|--------|
| January - - | | | | | 3.49 | 5.65 | 1.58 | |
| February - - | | | | | 3.67 | 2.99 | 3.84 | |
| March - - - | | | | | 1.98 | .55 | 2.99 | |
| April - - - | | | | | 3.84 | 3.09 | 2.68 | |
| May - - - - | | | | | 3.94 | 5.47 | 2.85 | |
| June - - - - | | | | | 2.17 | 2.70 | 2.27 | |
| July - - - - | | | | | 5.83 | 3.95 | 2.15 | |
| August - - - | | | | | 5.43 | 7.49 | 8.57 | |
| September - | | | | | 5.10 | 2.27 | 3.44 | |
| October - - | | | | | 5.29 | 8.46 | 3.09 | |
| November - | | | | | 3.24 | 4.96 | 3.27 | |
| December - | | | | | 2.78 | 3.45 | 8.88 | |
| TOTALS - | 37.12 | 48.96 | 38.76 | 58.14 | 46.26 | 51.03 | 45.61 | |
| | | | | | 146.69 | 151.86 | 145.48 | |

7-9 Gen View Apr. 10-26

4207

Rainfall at Rothesay Mount Stewart u
 See 2-19 Bute Authority

Observer

10

Bute 1.

Above Sea Level

| YEAR | 1810 | 1811 | 1812 | 1813 | 1814 | 1815 | 1816 | 1817 | 1818 | 1819 | MEANS. |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January | 6.13 | 4.76 | 3.81 | 5.95 | .83 | 1.73 | 5.89 | 5.65 | 7.40 | 6.60 | 48.75 |
| February | 3.81 | 9.88 | 4.76 | 9.17 | 3.39 | 3.63 | 1.49 | 6.67 | 5.70 | 5.20 | 5.370 |
| March | 3.57 | 2.98 | 4.64 | 3.81 | 2.02 | 8.09 | 4.76 | 5.71 | 5.90 | 2.90 | 4.438 |
| April | 3.57 | 5.00 | 1.19 | 2.11 | 4.29 | 2.02 | 1.19 | .83 | 1.40 | 2.50 | 2.413 |
| May | .83 | 6.53 | 3.57 | 2.38 | .36 | 4.70 | 3.81 | 1.90 | 1.75 | 5.15 | 3.098 |
| June | 2.14 | 3.81 | 2.14 | 1.61 | 2.58 | 5.48 | 3.57 | 4.64 | 4.85 | 4.90 | 3.546 |
| July | 4.05 | 2.86 | 2.98 | 2.98 | 4.52 | 2.44 | 2.74 | 6.21 | 5.90 | 3.00 | 3.768 |
| August | 3.93 | 8.09 | 4.76 | 1.90 | 5.00 | 5.06 | 2.74 | 6.67 | 2.05 | 2.15 | 4.235 |
| September | 2.20 | 2.26 | 2.86 | 3.93 | 2.14 | 8.33 | 6.25 | 2.86 | 4.30 | 5.85 | 4.098 |
| October | 3.45 | 9.82 | 9.05 | 4.52 | 4.76 | 6.61 | 3.75 | 2.68 | 5.85 | 5.70 | 5.619 |
| November | 4.52 | 6.79 | 4.62 | 5.95 | 7.38 | 11.11 | 3.93 | 6.19 | 6.30 | 2.85 | 5.254 |
| December | 8.33 | 8.57 | 1.79 | 2.14 | 7.62 | 5.47 | 7.02 | 5.95 | 6.50 | 6.75 | 6.014 |
| TOTALS | 46.53 | 71.35 | 46.07 | 46.48 | 44.69 | 57.67 | 47.08 | 55.96 | 57.90 | 53.55 | 527.28 |

0-9 Stat Act 2-19

Compared with the original M. S. by W. J. Tracy

Hyd. Sta. No. 16 - 667495

N.G.R.: NS (26) 109596

Alt. 30m

Bute

10

Bute - 1

| YEAR - - | 1810 | 1811 | 1812 | 1813 | 1814 | 1815 | 1816 | 1817 | 1818 | 1819 | MEANS. |
|--------------|-------|-------|-------|------|------|------|------|------|------|------|--------|
| January - - | 5.36 | 4.03 | 4.00 | | 3.00 | 1.10 | 1.46 | 1.92 | 2.62 | | |
| February - - | 4.59 | 10.37 | 5.02 | | 3.16 | 1.20 | 1.78 | 2.44 | 3.60 | | |
| March - - - | 3.75 | 3.13 | 4.83 | | 3.20 | 1.61 | 1.60 | 1.29 | 1.65 | | |
| April - - - | 3.80 | 4.26 | 1.28 | | 3.63 | 2.27 | 1.13 | 1.29 | 2.10 | | |
| May - - - - | 1.22 | 6.89 | 3.74 | | 3.63 | 3.63 | 3.13 | 2.45 | 2.67 | | |
| June - - - - | 2.19 | 4.00 | 2.20 | | 1.10 | 1.85 | 1.76 | 1.94 | 2.06 | 1.91 | |
| July - - - - | 4.09 | 3.02 | 3.20 | | 2.06 | 1.65 | 1.31 | 1.70 | 1.32 | 1.25 | |
| August - - - | 4.35 | 8.47 | 4.04 | | 2.90 | 1.61 | 2.11 | 2.67 | 1.60 | 2.01 | |
| September - | 2.06 | 2.58 | 3.03 | | 1.61 | 1.60 | 2.39 | 1.80 | 1.77 | 1.67 | |
| October - - | 3.70 | 10.33 | 9.58 | | 2.62 | 2.11 | 1.77 | 1.56 | 1.65 | 1.63 | |
| November - | 4.81 | 7.03 | 4.67 | | 2.50 | 1.36 | 1.13 | 1.93 | 1.67 | 1.76 | 1.96 |
| December - | 8.58 | 9.11 | 1.87 | | 2.38 | 1.00 | 1.57 | 1.62 | 1.21 | 1.15 | |
| TOTALS - | 47.50 | 73.22 | 47.46 | | 22.7 | 7.38 | 7.16 | 8.63 | 8.76 | | |

147.58 / 67.90 / 48.31
7.600

O-2 9th Bute 10-29

Rainfall at Mount Stuart.

See 2-19

v

Bute.

Observer R. Thom.

Y382

Gauge
Bute - 1.

Above Sea Level

| YEAR -- | 1820 | 1821 | 1822 | 1823 | 1824 | 1825 | 1826 | 1827 | 1828 | 1829 | MEANS. |
|-------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January -- | 4.65 | 2.00 | 3.05 | 2.15 | 3.02 | 5.22 | 2.05 | 5.12 | 5.45 | 1.72 | 3.443 |
| February -- | 1.20 | 2.47 | 3.66 | 4.79 | 2.00 | 3.30 | 6.33 | 2.68 | 4.56 | 2.30 | 3.329 |
| March -- | 3.20 | 5.13 | 4.74 | 3.98 | 4.00 | 2.72 | 2.00 | 8.14 | 2.56 | 2.32 | 3.879 |
| April -- | 1.75 | 3.42 | 1.42 | .90 | 2.66 | 2.68 | 2.42 | 3.80 | 3.76 | 2.42 | 2.523 |
| May -- | 4.45 | 1.66 | .61 | 3.70 | .86 | 3.00 | .19 | 3.00 | 2.60 | 2.25 | 2.282 |
| June -- | 2.75 | .05 | 1.35 | .53 | 1.00 | 2.84 | .40 | 3.70 | 2.28 | 2.60 | 1.750 |
| July -- | 1.00 | 2.44 | 4.56 | 6.33 | 2.72 | .27 | 2.23 | 3.05 | 4.80 | 3.42 | 3.082 |
| August -- | 6.15 | 2.04 | 2.86 | 6.58 | 3.70 | 3.93 | 5.00 | 2.63 | 4.80 | 7.16 | 4.485 |
| September - | 4.50 | 5.52 | 2.09 | 6.54 | 4.02 | 4.76 | 2.31 | 2.90 | 3.30 | 3.20 | 3.916 |
| October -- | 3.25 | 6.90 | 5.62 | 4.00 | 4.30 | 6.50 | 8.60 | 3.73 | 4.40 | 5.56 | 5.286 |
| November - | 4.10 | 6.78 | 8.30 | 3.00 | 7.68 | 7.55 | 3.20 | 4.82 | 7.10 | 5.16 | 5.709 |
| December - | 4.70 | 5.48 | 2.92 | 7.50 | 7.00 | 4.21 | 5.65 | 7.88 | 7.50 | 7.81 | 5.518 |
| TOTALS - | 41.70 | 43.91 | 44.18 | 50.00 | 42.46 | 46.98 | 40.38 | 54.85 | 53.11 | 41.45 | 45.202 |

1-9 Stat Act 2-19

1828. "The rain gauge is not a proper measure in great falls of snow, its mouth being soon filled. Experiments show that a depth of 8 inches of snow equals one inch of rain."

Type. Sta. No. 76-667495

NGR: NS (26) 109596

Alt 30m

79

RAINFALL AT Rothesay Mount Stuart

Lat.

Lon.

County of Bute

Rain Gauge, by

Observer

J. Kay Esq

M.W.A. Johnston

Bute - 1.

Floating Gauge read daily

| Diameter | | | | | | | | | | | |
|-----------|--------|------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|
| Height | | | | | | | | | | | |
| Altitude | | | | | | | | | | | |
| Year | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | * | 1876 | 1877 | 1878 | 1879 |
| | | | | | | | | | | | MEANS |
| January | 4314 | 425 | 9.10 | 6.40 | 5.00 | 8.30 | 3.70 | 8.50 | 6.80 | 2.70 | |
| February | 522 | 743 | 4.80 | 1.20 | 1.50 | 1.50 | 5.20 | 5.90 | 2.90 | 2.20 | |
| March | 121 | 435 | 4.20 | 2.30 | 4.40 | 2.10 | 6.00 (1.70) | 2.80 | 2.70 | 3.70 | |
| April | 233 | 4214 | 1.00 | .50 | 2.50 | 1.40 | 80 (.80) | 3.30 | 3.00 | 2.30 | |
| May | 340 | 96 | 3.30 | 3.00 | 1.80 | 2.00 | 4.50 (4.50) | 3.30 | 3.30 | 2.60 | |
| June | 222 | 382 | 8.60 | 2.20 | 1.50 | 3.20 | 3.50 (3.50) | 4.50 | 3.10 | 6.00 | |
| July | 224 | 35 | 4.70 | 5.50 | 2.40 | 2.50 | 4.70 (4.70) | 5.00 | 70 | 5.10 | |
| August | 180 | 425 | 4.50 | 3.80 | 5.10 | 4.00 | 3.10 (3.10) | 7.60 | 3.50 | 6.00 | |
| September | 317 | 25 | 8.20 | 5.00 | 6.00 | 4.80 | 7.20 (7.20) | 1.70 | 4.60 | 8.90 | |
| October | 634 | 488 | 4.50 | 6.80 | 9.20 | 6.00 | 2.60 (2.60) | 7.50 | 8.00 | 2.90 | |
| November | 310 | 500 | 7.20 | 3.30 | 5.70 | 5.00 | 8.00 (8.00) | 9.20 | 1.70 | 1.50 | |
| December | 381 | 572 | 6.20 | 3.50 | 5.50 | 4.40 | 1.70 (1.70) | 8.40 | 2.00 | 3.70 | |
| TOTALS | (4030) | 5200 | 66.30 | 43.50 | 50.60 | 45.20 | 51.00 | 67.70 | 42.30 | 47.60 | |

Synd Sta. No. 76 - 667495

N.R.: NS (26) 109596

alt 30m

1876: These values seem to be one month adrift April-Dec compared with other stations: values re-allocated, with the 1.70 (Dec) allocated to April.

(Amendments agreed with Met O Edinburgh) *KHS* Met08b(1) 21.2.1979

RAINFALL AT Rothsay Mount Stuart

Lat. _____

Lon. _____ County of Doune

Rain Gauge, by _____

Observer J. Kay, Esq.Bute - 1.

| Diameter | 3 | | | | | | | | | | |
|-----------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 2.6 | | | | | | | | 2.0 | | |
| Altitude | 100 ft | | | | | | | | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | 3.00 | 1.50 | 4.80 | 6.60 | 7.80 | 3.80 | 5.40 | 4.40 | 4.00 | 4.10 | 4.440 |
| February | 4.20 | 6.10 | 3.90 | 5.00 | 4.80 | 5.30 | 2.40 | 2.80 | 2.00 | 3.50 | 4.000 |
| March | 3.40 | 5.00 | 3.60 | 1.80 | 3.50 | 2.40 | 3.80 | 2.50 | 3.50 | 2.20 | 3.170 |
| April | 4.00 | 2.00 | 2.30 | 2.30 | 1.20 | 3.00 | 2.00 | 2.30 | 2.60 | 2.00 | 2.370 |
| May | 1.00 | 2.30 | 2.30 | 2.50 | 3.70 | 3.00 | 3.20 | 1.50 | 4.40 | 4.00 | 2.790 |
| June | 2.30 | 4.60 | 4.70 | 2.90 | 1.30 | 1.50 | 1.80 | 1.30 | 3.70 | 1.30 | 2.540 |
| July | 3.40 | 4.70 | 3.10 | 2.60 | 5.00 | 3.60 | 2.60 | 3.00 | 4.50 | 2.20 | 3.770 |
| August | 1.80 | 3.60 | 4.20 | 5.90 | 3.60 | 2.90 | 2.50 | 3.30 | 4.20 | 6.90 | 3.890 |
| September | 3.80 | 3.70 | 5.80 | 3.10 | 3.30 | 8.40 | 5.80 | 4.20 | 3.40 | 2.00 | 4.350 |
| October | 6.60 | 2.30 | 4.90 | 6.00 | 5.70 | 4.70 | 4.30 | 3.00 | 2.60 | 4.00 | 3.810 |
| November | 5.60 | 7.20 | 6.50 | 7.50 | 5.30 | 3.30 | 5.70 | 3.40 | 7.20 | 3.70 | 5.730 |
| December | 6.80 | 5.90 | 5.40 | 6.00 | 7.00 | 3.60 | 5.00 | 4.60 | 5.50 | 5.80 | 5.560 |
| TOTALS | 39.80 | 47.90 | 55.50 | 52.20 | 52.20 | 45.80 | 44.50 | 36.30 | 47.60 | 41.70 | 46.420 |

1881. Kingarth 4 miles S.W.
Apple trees 7ft high 24ft N

Hyp. Sta. No. 76-667495

NGR: NS (26) 109596

alt. 30m