

RAINFALL AT *Symouth*

Observer *Samuel Huxham, M.D. R.S.L.* *1725 & 1726 from M.D. R.S.L. Log*
Phil. Trans. vol. x. pp. 479, 32

Rain { By
 Gauge { Diameter *25* in. Height above Ground ft. in. Above Mean Sea Level ft.

| YEAR | | | | | 1725 | 1726 | | 1728 | 1729 | MEANS |
|-----------------|--|--|--|--|-------|-------|------------|-------|-------|------------|
| January | | | | | 2.15 | 4.96 | <i>May</i> | 6.108 | 0.900 | <i>Nov</i> |
| February | | | | | 21 | 2.42 | | | | |
| March | | | | | 50 | 1.29 | | | | |
| April | | | | | 1.86 | 1.51 | | | | |
| May | | | | | 1.72 | 1.57 | | | | |
| June | | | | | 3.31 | 2.91 | | | | |
| July | | | | | 1.36 | 2.02 | | | | |
| August | | | | | 3.72 | .67 | | | | |
| September | | | | | 3.51 | 6.74 | <i>Nov</i> | 1526 | 6498 | <i>May</i> |
| October | | | | | 3.08 | .75 | | | | |
| November | | | | | 2.44 | 2.68 | | | | |
| December | | | | | 3.55 | 4.09 | | | | |
| TOTALS | | | | | 27.51 | 32.31 | | 36364 | 33055 | |

In particulars of these districts, see next sheet 1730 to 1737 for notes

Additional years can be added to existing sheet

RAINFALL AT Plymouth

449

Dunshire

St. Husham

Rain Gauge

Diameter... 2 1/2 in.

Height above Ground, ft. in.

Above Mean Sea Level, 30 ft.

Janar and C-2

| YEAR | | | | | | | | 1727 | 1728 | 1729 | MEANS. |
|----------------|--|--|--|--|--|--|--|-------|-------|-------|--------|
| January | | | | | | | | 2.97 | 6.11 | .90 | |
| February | | | | | | | | 1.87 | 1.92 | 1.18 | |
| March | | | | | | | | 3.90 | 3.32 | 2.09 | |
| April | | | | | | | | 1.08 | 4.15 | 1.69 | |
| May | | | | | | | | 3.87 | 1.63 | 1.56 | |
| June | | | | | | | | .83 | 1.64 | 1.66 | |
| July | | | | | | | | 4.45 | 3.18 | 1.92 | |
| August | | | | | | | | 1.57 | 1.89 | 1.00 | |
| September ... | | | | | | | | 2.48 | 1.53 | 6.50 | |
| October | | | | | | | | .30 | 5.39 | 3.99 | |
| November ... | | | | | | | | 2.49 | 3.54 | 6.33 | |
| December | | | | | | | | 4.17 | 2.27 | 4.18 | |
| TOTALS..... | | | | | | | | 31.92 | 36.57 | 33.00 | |

c c c

{ 1829 Given as 33.05 in M.S. at Greenwich Obs'y
1729 O.C.M.

Probably the entry for March 1727

should be 5.90

31.1 30.

RAINFALL AT *Plymouth*

Observer *Samuel Aukland M.D., R.I.S.**Phil. Trans. Vol. XL, pp 433-8*

Rain { By

Gauge { Diameter *2.5* in.

Height above Ground, ft. in.

Above Mean Sea Level ft.

| YEAR..... | 1730 | 1731 | 1732 | 1733 | 1734 | 1735 | 1736 | 1737 | | | MEANS. |
|----------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-------------|--|--------|
| January..... | <i>0.666</i> | <i>line</i> | | | <i>1.484</i> | <i>line</i> | | | | | |
| February..... | | | | | | | | | | | |
| March..... | | <i>0.140</i> | <i>line</i> | | | | | <i>4.328</i> | <i>line</i> | | |
| April..... | | | | | | | | | | | |
| May..... | | | | | <i>line</i> | <i>1.446</i> | | <i>0.332</i> | <i>line</i> | | |
| June..... | | | | | | | | | | | |
| July..... | | | <i>line</i> | <i>0.772</i> | | | | | | | |
| August..... | | | <i>0.362</i> | <i>line</i> | | | | | | | |
| September..... | | | | | | | | | | | |
| October..... | | | <i>0.342</i> | <i>line</i> | | | <i>6.534</i> | <i>line</i> | | | |
| November..... | <i>4.480</i> | <i>2.356</i> | <i>line</i> | | <i>line</i> | <i>4.922</i> | <i>1.150</i> | <i>line</i> | | | |
| December..... | | | <i>line</i> | <i>4.688</i> | <i>6.102</i> | <i>line</i> | | | | | |
| TOTALS | <i>15.698</i> | <i>17.266</i> | <i>35.096</i> | <i>20.884</i> | <i>37.114</i> | <i>30.974</i> | <i>36.706</i> | <i>27.364</i> | | | |

1827

*The above are abstracts only; for full daily records see "Observationes de Aeris & Aeris
Epidemicis, ab Anno 1728, ad finem anni 1737. Plymouth facta. His accedunt
Opusculum de Morbis Polici Damnoniensis. Auctore Samuele Aukland,
M.D., R.I.S. Londini apud J. Aukston, 1739, 8°"*

The abstracts were made by Thomas Shack, M.D., F.R.S.

RAINFALL AT

Plymouth

149

Dr. Snodgrass

Devonshire

Rain (By.....)

Gauge Diameter.....in.

Height above Ground, ft. in.

Above Mean Sea Level, ...32.... ft.

Lamar and C - 2

| YEAR..... | 1740 | 1741 | 1742 | 1743 | 1744 | 1745 | 1746 | 1747 | 1748 | 1749 | MEANS. |
|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| January | 42 | 194 | 352 | 151 | 107 | 291 | 350 | 462 | 172 | 881 | 3002 |
| February | 48 | 146 | 120 | 158 | 172 | 84 | 268 | 289 | 60 | 282 | 1627 |
| March | 128 | 07 | 02 | 295 | 263 | 469 | 307 | 170 | 429 | 434 | 2504 |
| April | 80 | 45 | 115 | 166 | 339 | 391 | 196 | 310 | 308 | 267 | 2217 |
| May | 54 | 93 | 236 | 87 | 124 | 173 | 176 | 211 | 225 | 101 | 1480 |
| June | 74 | 125 | 202 | 84 | 279 | 276 | 307 | 337 | 110 | 189 | 1983 |
| July | 61 | 76 | 211 | 287 | 132 | 121 | 360 | 114 | 413 | 105 | 1080 |
| August | 351 | 214 | 43 | 70 | 207 | 352 | 85 | 56 | 126 | 157 | 1661 |
| September ... | 363 | 276 | 140 | 25 | 447 | 108 | 318 | 232 | 91 | 316 | 2336 |
| October | 191 | 350 | 497 | 366 | 560 | 589 | 224 | 160 | 370 | 142 | 3449 |
| November | 384 | 402 | 527 | 257 | 374 | 353 | 380 | 208 | 91 | 215 | 3135 |
| December | 629 | 107 | 134 | 151 | 140 | 341 | 278 | 656 | 673 | 332 | 3441 |
| TOTALS | 2405 | 2035 | 2579 | 2091 | 3144 | 3648 | 3199 | 3225 | 3068 | 3421 | 28715 |

C C C C C C C C C C

RAINFALL AT

Pharmacia

449

St. Graham

Devonshire

De Aere et Morbis Epidemicis

Rain } By.....

Gauge } Diameter 2 1/2 in.

Height above Ground, ft. in.

Above Mean Sea Level, 32 ft.

Sam and C-2

| YEAR..... | 1750 | 1751 | 1752 | | | | | | | | MEANS. |
|----------------|------|------|------|--|--|--|--|--|--|--|--------|
| January | 434 | 343 | 404 | | | | | | | | |
| February | 313 | 257 | 291 | | | | | | | | |
| March | 215 | 560 | 152 | | | | | | | | |
| April | 334 | 338 | 272 | | | | | | | | |
| May | 247 | 257 | 333 | | | | | | | | |
| June..... | 145 | 311 | 329 | | | | | | | | |
| July | 155 | 499 | 287 | | | | | | | | |
| August..... | 191 | 143 | 333 | | | | | | | | |
| September ... | 174 | 231 | 114 | | | | | | | | |
| October..... | 279 | 307 | 126 | | | | | | | | |
| November..... | 452 | 357 | 160 | | | | | | | | |
| December..... | 470 | 240 | 153 | | | | | | | | |
| TOTALS | 3409 | 3031 | 2962 | | | | | | | | |

c c c

Plymouth

469

Dr. Ancher

Dorchester
From Dr. H. Hook by Cassio's Ship Sec. at Edinb.

Therm. 2 ft. 1 in 725 ft + ground 30 ft + 50
Jan. and C-2.

| YEAR -- | 1730 | 1731 | 1732 | 1733 | 1734 | 1735 | 1736 | 1737 | 1738 | 1739 | MEANS. |
|--------------|------|------------------|------|------|------|------|------|------|------|------|--------|
| January -- | 67 | 162 ^x | 256 | 238 | 148 | 253 | 507 | 159 | 297 | 396 | 2583 |
| February -- | 232 | 171 | 292 | 373 | 555 | 198 | 308 | 349 | 93 | 288 | 2853 |
| March -- | 344 | 14 | 317 | 310 | 281 | 223 | 214 | 433 | 173 | 151 | 2460 |
| April -- | 126 | 126 | 220 | 228 | 213 | 225 | 134 | 306 | 111 | 170 | 1858 |
| May -- | 160 | 63 | 242 | 101 | 176 | 165 | 254 | 33 | 154 | 321 | 1669 |
| June -- | 172 | 215 | 137 | 153 | 321 | 194 | 161 | 107 | 240 | 422 | 2112 |
| July -- | 205 | 130 | 229 | 77 | 298 | 353 | 487 | 132 | 39 | 317 | 2287 |
| August -- | 153 | 199 | 36 | 450 | 402 | 291 | 183 | 385 | 222 | 202 | 2523 |
| September -- | 206 | 130 | 305 | 198 | 175 | 192 | 152 | 283 | 291 | 345 | 2277 |
| October -- | 337 | 237 | 634 | 203 | 315 | 276 | 653 | 155 | 333 | 152 | 3295 |
| November -- | 449 | 236 | 58 | 188 | 207 | 492 | 115 | 133 | 197 | 457 | 2522 |
| December -- | 119 | 145 | 492 | 469 | 619 | 236 | 503 | 262 | 240 | 410 | 3495 |
| TOTALS -- | 2570 | 1827 | 3308 | 2988 | 3710 | 3678 | 3671 | 2737 | 2400 | 3631 | 29940 |

^C x Much snow not retained in funnel 1 inch added.

1-5 = 18-11

No amount more than .01 in different ^{from} values in
M.A. at Greenwich Obsy. etc.

4177

10

RAINFALL AT Plymouth

Devonshire.

Observer James Fossan

Rain { By

Gauge {

Diameter.....in.

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

Above Mean Sea Level.....ft.

Tamar and C-2.

| YEAR..... | | | | | 1815 | 1816 | | | | MEANS. |
|----------------|--|--|--|------|-------|------|--|--|--|--------|
| January..... | | | | | 1.78 | | | | | |
| February | | | | | 3.11 | | | | | |
| March | | | | | 6.06 | | | | | |
| April | | | | | 1.34 | | | | | |
| May | | | | | 3.80 | | | | | |
| June | | | | | 3.09 | | | | | |
| July..... | | | | | 1.51 | 7.44 | | | | |
| August..... | | | | | 2.53 | | | | | |
| September..... | | | | | 2.69 | | | | | |
| October..... | | | | | 3.88 | | | | | |
| November | | | | | 1.74 | | | | | |
| December..... | | | | | 2.57 | | | | | |
| TOTALS..... | | | | 4270 | 34.10 | | | | | |

Plymouth

Devonshire.

W. P. R. C.

4319

+ Sea level 30 ft

Tamar and C-2.

| YEAR - - | 1820 | 1821 | 1822 | 1823 | 1824 | 1825 | 1826 | 1827 | 1828 | 1829 | MEANS. |
|--------------|------|------|------|------|------|------|-------|-------|-------|-------|--------|
| January - - | | | | | | | 1.98 | 1.62 | 5.57 | 1.82 | |
| February - - | | | | | | | 5.44 | 2.17 | 3.44 | 1.65 | |
| March - - - | | | | | | | 2.90 | 3.93 | 1.42 | 1.45 | |
| April - - - | | | | | | | .97 | 1.49 | 4.35 | 5.92 | |
| May - - - | | | | | | | 1.67 | 3.22 | 3.85 | .20 | |
| June - - - | | | | | | | .20 | 2.24 | 2.03 | 6.57 | |
| July - - - | | | | | | | .90 | 2.70 | 3.73 | 5.94 | |
| August - - | | | | | | | 3.50 | 1.67 | 1.81 | 5.37 | |
| September - | | | | | | | 7.37 | 3.58 | 2.96 | 6.34 | |
| October - - | | | | | | | 2.38 | 5.81 | 3.79 | 2.15 | |
| November - | | | | | | | 2.43 | 3.52 | 3.45 | 1.70 | |
| December - | | | | | | | 4.44 | 7.15 | 4.59 | 1.16 | |
| TOTALS - | | | | | | | 34.18 | 39.10 | 40.99 | 40.27 | |

c c c c

6-9 = "converted values of Snow Harris roof g."

Plymouth.

Dwarschic.

4319

+ Sea Level 30 ft.

Yance and C - 2.

| YEAR - - | 1830 | 1831 | 1832 | 1833 | 1834 | 1835 | 1836 | 1837 | 1838 | 1839 | MEANS. |
|--------------|-------|-------|-------|-------|-------|------|------|------|-------|-------|--------|
| January - - | 1.56 | 2.05 | 1.87 | 1.85 | 7 27 | | | | 2.16 | 3.15 | |
| February - - | 1.97 | 3.66 | 1.41 | 8.08 | 2.58 | | | | 5.36 | 3.93 | |
| March - - - | 1.62 | 3.42 | 2.74 | 2.04 | 1.02 | | | | 2.55 | 3.64 | |
| April - - - | 3.48 | 2.42 | 1.72 | 2.99 | 2.14 | | | | 1.54 | 1.95 | |
| May - - - | 2.15 | 1.00 | 2.28 | .61 | .88 | | | | 3.10 | 1.64 | |
| June - - - | 2.72 | 1.47 | 2.14 | 5.96 | 2.84 | | | | 3.28 | 2.41 | |
| July - - - | 2.05 | 2.49 | 1.61 | .71 | 2.04 | | | | 2.10 | 6.39 | |
| August - - | 4.49 | 2.49 | 3.47 | .84 | 1.40 | | | | 2.39 | 3.67 | |
| September - | 3.87 | 1.56 | 5.0 | 3.12 | 2.20 | | | | 1.53 | 5.19 | |
| October - - | 1.23 | 4.94 | 3.95 | 3.10 | 1.10 | | | | 3.89 | 3.78 | |
| November - | 3.89 | 3.16 | 6.23 | 3.64 | 2.52 | | | | 8.43 | 5.36 | |
| December - | 4.52 | 5.03 | 4.23 | 6.27 | 1.54 | | | | 4.35 | 7.07 | |
| TOTALS - | 33.55 | 33.69 | 32.15 | 39.21 | 27.53 | | | | 40.68 | 48.18 | |

c c c c c

c c

1838 as above ^{taken} by J. Pindance I found his first year -
 0-4 Miss ret¹

or

" "

or tot. are said to be "corrected values of Snow Harris
 g on house top"

M. S. return gives total 1839 49.00 in.

Hamm

Phyrranth

Devonshire

+ Ground 3 in
Tamar and C - 2.

+ Sea level 94 ft.

| YEAR - - | 1840 | 1841 | 1842 | 1843 | 1844 | 1845 | 1846 | 1847 | 1848 | 1849 | MEANS. |
|----------------|------|------|--------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - - | | | # 4.81 | 4.87 | 3.84 | 5.76 | 6.88 | 5.13 | 2.04 | 5.03 | |
| February - - | | | 2.94 | 4.06 | 5.29 | 3.07 | 2.18 | 2.51 | 7.72 | 2.62 | |
| March - - - | | | 3.31 | 2.40 | 4.15 | 1.05 | 3.28 | 4.36 | 5.04 | 1.48 | |
| April - - - - | | | .85 | 5.09 | .80 | 3.46 | 3.16 | 3.09 | 4.85 | 3.34 | |
| May - - - - - | | | .95 | 4.39 | .16 | 1.58 | 3.09 | 3.39 | 1.52 | 4.37 | |
| June - - - - - | | | 1.11 | 4.67 | 1.67 | 3.75 | 2.42 | 2.38 | 6.06 | 1.05 | |
| July - - - - - | | | 2.49 | 1.93 | 2.20 | 3.48 | 4.14 | 2.96 | 3.81 | 2.66 | |
| August - - - | | | 2.91 | 5.24 | 3.02 | 4.30 | 2.15 | 1.08 | 7.00 | 3.23 | |
| September - | | | 2.52 | .65 | 1.97 | 5.86 | .83 | 2.75 | 3.07 | 7.20 | |
| October - - - | | | 1.29 | 8.64 | 4.84 | 1.64 | 7.94 | 6.77 | 4.29 | 3.67 | |
| November - | | | 10.46 | 5.98 | 8.57 | 6.22 | 5.51 | 3.77 | 5.04 | 4.60 | |
| December - | | | 3.71 | 1.61 | 3.12 | 5.18 | 2.86 | 6.87 | 7.25 | 7.47 | |
| TOTALS - | | | 37.85 | 49.53 | 39.63 | 46.15 | 44.44 | 45.86 | 57.75 | 46.72 | |

c c c c c c c c

6.7 m/s

Horn

2 m N of W. Plymouth
Rev G L Ireland

Devonshire

Devonshire

Diam 6.3 in + Ground 3.0 ft
Tamar & C -- 2

+ Sea Level 94 ft

| YEAR -- | 1850 | 1851 | 1852 | 1853 | 1854 | 1855 | 1856 | 1857 | 1858 | 1859 | MEANS. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January -- | 3.38 | 9.54 | 9.82 | 6.41 | 6.80 | .15 | 6.58 | 5.07 | 2.25 | 4.50 | 5.450 |
| February -- | 5.12 | 2.59 | 2.54 | 2.87 | 1.08 | 2.57 | 3.99 | 3.27 | 2.46 | 3.57 | 3.006 |
| March -- | 1.15 | 8.65 | 2.10 | 2.05 | 1.84 | 3.36 | 3.01 | 5.26 | .80 | 3.40 | 3.162 |
| April -- | 6.97 | 2.53 | 1.02 | 3.79 | .66 | .87 | 6.81 | 5.37 | 6.24 | 3.99 | 3.825 |
| May -- | 2.73 | 1.92 | 3.23 | 1.53 | 4.37 | 5.35 | 3.41 | 2.36 | 3.78 | 1.55 | 3.023 |
| June -- | 2.37 | 2.43 | 6.34 | 5.19 | 3.06 | 5.13 | 2.70 | 1.99 | 1.90 | .54 | 3.165 |
| July -- | 3.19 | 3.95 | 1.78 | 4.41 | 2.01 | 3.09 | 2.17 | 2.95 | 3.91 | 1.18 | 2.864 |
| August -- | 2.82 | 4.49 | 5.26 | 4.33 | 1.42 | 2.19 | 3.96 | .85 | 2.46 | 4.67 | 3.245 |
| September -- | 5.16 | 1.20 | 4.10 | 3.59 | .70 | 1.38 | 4.44 | 2.43 | 3.09 | 6.10 | 3.219 |
| October -- | 3.76 | 5.20 | 0.45 | 7.30 | 3.44 | 6.23 | 3.44 | 5.28 | 3.13 | 5.06 | 5.129 |
| November -- | 5.02 | 2.22 | 13.30 | 5.86 | 2.68 | 1.20 | 1.09 | 2.45 | 3.71 | 4.25 | 4.178 |
| December -- | 5.43 | 3.24 | 0.72 | 1.82 | 2.91 | 3.13 | 4.80 | 1.52 | 6.11 | 6.61 | 4.429 |
| TOTALS -- | 47.10 | 47.96 | 66.66 | 49.15 | 30.97 | 34.65 | 46.40 | 38.80 | 39.84 | 45.42 | 44.695 |

c c c c c c c c c c

4-7 Eaton also

55 May 5.36 & 34.66 in another return

56 Jan 2.58 in another return

RAINFALL AT *Plymouth*

Lat.

Lat.

County of _____

Devon

Rain Gauge, by

Observer

Met: 0/4

Famar & C --2

[illegible]