

*Qdpt.*

RAINFALL AT *Bathwick St. Bawdy*  
*(Inn MS Royal Society)*

Observer George Lynn, Esq

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

| YEAR.....      | 1726  | 1727  | 1728  | 1729  | MEANS. |
|----------------|-------|-------|-------|-------|--------|
| January.....   | 4.20  | 3.14  | 4.00  | .16   |        |
| February.....  | 1.01  | 2.58  | .93   | .48   |        |
| March.....     | 1.52  | 1.39  | 3.27  | 1.31  |        |
| April.....     | .99   | 1.26  | 1.97  | 1.10  |        |
| May .....      | .40   | 4.28  | 1.44  | 1.55  |        |
| June ... ..... | 0.71  | 3.99  | 3.22  | 2.82  | .83    |
| July .....     | 1.07  | 2.09  | 1.97  | 3.21  | 2.26   |
| August.....    | 3.99  | .28   | .29   | .96   | 2.44   |
| September..... | 3.10  | 5.16  | 2.08  | .86   | 5.32   |
| October.....   | 2.57  | 1.47  | 1.52  | 2.79  | 2.20   |
| November.....  | 1.86  | 1.39  | .40   | 1.52  | 1.18   |
| December.....  | 2.30  | 2.49  | 2.81  | 2.43  | 1.68   |
| TOTALS ....    | 14.83 | 25.57 | 24.94 | 26.80 | 23.57  |

In Phil. Trans. Vol. 221, p. 692 the totals are       $26\frac{1}{2}$ , 25, 26, 23 $\frac{1}{2}$   
     26.70 24.80 26.26 25.57

\* Copied 17/10/74 from

Phil. Trans. Vol 42 pp 243-263

article by G. Hadley.

The total July-Dec was 1725  
 converted to 14.86

JMC.  
 17/10/74

METHOD RAINFALL  
 RETROSPECTIVE

163275

NGR: TL(52) 020920

ALT: 120 ft = 37 metres Date of review 17-7-78

Raifall at Southwick

E-L-

Observer Geo. Syme Esq.

No. 1000

| YEAR --     | 1720 | 1721 | 1722 | 1723 | 1724 | 1725 | 1726 | 1727 | 1728  | 1729  | MEANS.         |
|-------------|------|------|------|------|------|------|------|------|-------|-------|----------------|
| January --  |      |      |      |      |      |      |      |      | 4.20  | 3.10  | 4.00           |
| February--  |      |      |      |      |      |      |      |      | 1.00  | 2.60  | .99            |
| March---    |      |      |      |      |      |      |      |      | 1.50  | 1.40  | 3.27           |
| April---    |      |      |      |      |      |      |      |      | 1.00  | 1.20  | 1.97           |
| May-----    |      |      |      |      |      |      |      |      | .40   | 4.30  | 1.44           |
| June-----   |      |      |      |      |      |      |      |      | 4.00  | 3.20  | 2.82           |
| July-----   |      |      |      |      |      |      |      |      | 3.70  | 2.00  | 3.21           |
| August---   |      |      |      |      |      |      |      |      | .30   | .30   | .96            |
| September - |      |      |      |      |      |      |      |      | 5.20  | 2.00  | .86            |
| October -   |      |      |      |      |      |      |      |      | 1.50  | 1.50  | 2.79           |
| November -  |      |      |      |      |      |      |      |      | 1.40  | .40   | 1.52           |
| December -  |      |      |      |      |      |      |      |      | 2.50  | 2.80  | 2.43           |
| TOTALS -    |      |      |      |      |      |      |      |      | 26.70 | 24.80 | 26.26          |
|             |      |      |      |      |      |      |      |      |       |       | 23.57          |
|             |      |      |      |      |      |      |      |      |       |       | 14/27<br>25/32 |

9 9-17

Mc. RETTIE Autograph

163275

NR: TL(52) 020920

Alt: 120 ft = 37 metres. Date of review 17-7-28

## RAINFALL AT Southwick N. Dandie

Dab  
Observer George Lynn, Esq.

Phil. Trans. Vol. XLIV, 16692-3

Rain { By.....

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

Above Mean Sea Level.....ft.

0.90

| YEAR.....      | 1730  | 1731  | 1732  | 1733  | 1734  | 1735  | 1736  | 1737  | 1738  | 1739  | MEANS. |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January.....   | 0.40  | 0.80  | 3.90  | 1.00  | 0.50  | 2.10  | 2.30  | 1.00  | 1.70  | 2.40  |        |
| February.....  | 1.50  | 1.00  | 1.20  | 1.40  | 2.60  | 0.70  | 2.90  | 2.20  | 0.80  | 3.10  |        |
| March.....     | 2.60  | 0.15  | 1.40  | 2.20  | 1.80  | 2.20  | 2.10  | 2.10  | 1.00  | 1.30  |        |
| April.....     | 0.80  | 2.10  | 1.20  | 1.00  | 0.60  | 1.70  | 0.60  | 0.40  | 1.30  | 2.20  |        |
| May.....       | 2.50  | 0.30  | 3.40  | 0.02  | 5.10  | 1.50  | 0.80  | 1.70  | 1.90  | 1.90  |        |
| June.....      | 3.40  | 3.40  | 0.60  | 2.00  | 1.30  | 2.40  | 1.40  | 1.80  | 3.40  | 1.50  |        |
| July.....      | 2.00  | 1.70  | 1.80  | 2.20  | 1.80  | 2.30  | 6.00  | 0.70  | 1.20  | 1.70  |        |
| August.....    | 0.85  | 1.60  | 1.70  | 3.60  | 4.00  | 3.20  | 1.70  | 5.70  | 1.60  | 2.50  |        |
| September..... | 1.00  | 1.50  | 0.70  | 1.40  | 1.70  | 3.20  | 1.40  | 3.80  | 1.80  | 1.80  |        |
| October.....   | 3.00  | 1.40  | 3.70  | 0.60  | 2.80  | 1.70  | 2.60  | 1.80  | 1.80  | 0.80  |        |
| November.....  | 2.00  | 1.50  | 1.20  | 0.50  | 0.90  | 1.70  | 0.60  | 0.60  | 0.70  | 1.70  |        |
| December.....  | 0.80  | 2.30  | 2.60  | 1.70  | 4.40  | 2.10  | 2.00  | 2.30  | 1.20  | 1.90  |        |
| TOTALS ....    | 28.45 | 17.75 | 23.40 | 17.62 | 27.50 | 24.80 | 24.40 | 24.10 | 18.40 | 22.80 |        |

175 X 2040

Phil. Trans. Vol. XLIV, 16692-3 has the totals as follows:-

21. 17½ 20½ 17½ 27½ 25. 24. 24. 18. 22½  
XMET. O. T. RAIN-METER  
RETROGRADE SCALE

163275

NGR: TL(52) 020920

ALTA 120 ft = 37 metres. Date of review 17-7-78

DwL  
RAINFALL AT Southwick

No! George Lyon J.M.C. 17/10/174

Observer John Hartley, Esq.

Phil. Trans. Vol. XLII, p. 270

Rain Gage { By .....  
 Diameter.....in. Height above Ground,.....ft.....in. Above Mean Sea Level .....ft.

| YEAR.....      | 1730  | 1731  | 1732  | 1733  | 1734  | 1735  |  | MEANS. |
|----------------|-------|-------|-------|-------|-------|-------|--|--------|
| January.....   | 0450  | 0810  | 0900  | 1000  | 0500  | 2400  |  |        |
| February.....  | 1530  | 1040  | 1200  | 1400  | 2600  | 0700  |  |        |
| March .....    | 2610  | 0150  | 1400  | 2200  | 1800  | 2200  |  |        |
| April.....     | 0840  | 2070  | 1200  | 1000  | 0600  | 1700  |  |        |
| May .....      | 2500  | 0330  | 3400  | 1050  | 5100  | 1500  |  |        |
| June.....      | 3390  | 3380  | 0600  | 2000  | 1300  | 2400  |  |        |
| July .....     | 1930  | 1950  | 1800  | 2200  | 1800  | 2300  |  |        |
| August.....    | 0850  | 1540  | 1700  | 3600  | 4000  | 3200  |  |        |
| September..... | 1650  | 1470  | 0700  | 1400  | 1700  | 3200  |  |        |
| October.....   | 2940  | 1340  | 3700  | 0600  | 2800  | 1700  |  |        |
| November.....  | 1930  | 1490  | 1200  | 0500  | 0900  | 1700  |  |        |
| December.....  | 0810  | 2300  | 2600  | 1700  | 4400  | 2100  |  |        |
| TOTALS ....    | 21430 | 17570 | 20400 | 10650 | 27500 | 24800 |  |        |

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1762

\* Phil. Trans. Vol. XLII, p. 253 has this total 20500

|   |    |               |    |       |
|---|----|---------------|----|-------|
| - | D° | D° p. 256     | D° | 17500 |
| ◦ | D° | D° p. 263     | D° | 25000 |
| ※ | D° | Vol 4, p. 170 | D° | 21000 |

MET.O.P. RAINMASTER  
RETROSPECTIVE SITE REVIEW

163275

NGR: TL(52) 020920

ALT: 120 ft = 37 metres. Date of review: 17-7-78

## Southwick

Y31

Gen. Lynne Esq:

Notations

| YEAR - -     | 1730  | 1731  | 1732  | 1733  | 1734  | 1735  | 1736  | 1737  | 1738  | 1739  | MEANS.        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| January - -  | .45   | .81   | .90   | 1.00  | .50   | 2.10  | 2.30  | 1.00  | 1.70  | 2.40  | 1.316 6.01    |
| February - - | 1.53  | 1.04  | 1.20  | 1.40  | 2.60  | 70    | 2.90  | 2.20  | .80   | 3.10  | 1.747 7.99    |
| March - - -  | 2.61  | .15   | 1.40  | 2.20  | 1.00  | 2.20  | 2.10  | 2.10  | 1.00  | 1.30  | 1.686 7.70    |
| April - - -  | .04   | 2.07  | 1.20  | 1.00  | .60   | 1.70  | .60   | .40   | 1.30  | 2.20  | 1.191 5.44    |
| May - - - -  | 2.50  | 33    | 3.40  | .02   | 5.10  | 1.50  | .00   | 1.70  | 1.90  | 1.90  | 1.915 8.74    |
| June - - - - | 3.39  | 3.38  | .60   | 2.00  | 1.30  | 2.40  | 1.40  | 1.80  | 3.40  | 1.50  | 2.117 9.68    |
| July - - - - | 1.93  | 1.65  | 1.00  | 2.20  | 1.80  | 2.30  | 6.00  | .70   | 1.20  | 1.70  | 2.128 9.72    |
| August - - - | .85   | 1.54  | 1.70  | 3.60  | 4.00  | 3.20  | 1.70  | 5.70  | 1.60  | 2.50  | 2.639 12.05   |
| September -  | 1.65  | 1.47  | .70   | 1.40  | 1.70  | 3.20  | 1.40  | 3.80  | 1.80  | 1.80  | 1.892 8.63    |
| October - -  | 2.94  | 1.34  | 3.70  | .60   | 2.80  | 1.70  | 2.60  | 1.80  | 1.80  | .80   | 2.008 9.14    |
| November -   | 1.93  | 1.49  | 1.20  | .50   | .90   | 1.70  | .60   | .60   | .70   | 1.70  | 1.132 5.17    |
| December -   | .81   | 2.30  | 2.60  | 1.70  | 4.40  | 2.10  | 2.00  | 2.30  | 1.20  | 1.90  | 2.131 9.75    |
| TOTALS -     | 21.43 | 17.57 | 20.40 | 17.62 | 27.50 | 24.80 | 24.40 | 24.40 | 18.40 | 22.80 | 21.902 100.00 |

MET.O.B RAINMASTER  
RETROSPECTIVE 1730-1739

163275

NGR: TL(52) 020920

ALV: 120 It = 37 Status: Date of review: 17-7-78