

Met 0 8b 10-YEAR SUMMARY SHEETS

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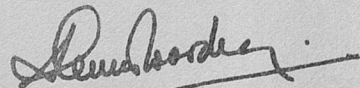
ENTRIES

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4. Every attempt should be made to ensure that any follow-up action is adequately cross-referenced to a previous entry.
5. Retrospectively effective comments MUST be entered on the station's 10-year sheets for all relevant previous decades, not just on the latest decade's sheet.

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Head of Hydrometeorological
Data Systems

KEEP as top enclosure of each binder

Eastbury
 W. Walford

D Carnegie
 61

4 63 45

377
 380
 + Sea Level 300 ft?

+ Ground 3 in

2. Thames - Colne - Bunt.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -	2.49	2.32	3.36	1.10	4.20	3.20	3.30	3.85			
February - -	2.00	.60	.63	1.20	2.55	3.70	1.75	1.55			
March - - -	2.19	3.60	.71	2.73	1.30	1.70	2.60	1.55			
April - - -	1.20	2.44	.70	1.10	.45	1.95	2.65	.85			
May - - - -	1.07	3.62	1.33	2.20	2.32	2.25	2.50	.95			
June - - - -	2.58	2.20	4.70	1.22	2.45	3.96	1.35	.50			
July - - - -	3.03	1.75	.84	.63	3.55	2.04	4.20	.55			
August - - -	.92	2.50	2.55	.45	3.71	2.62	1.60	3.53			
September -	1.97	1.90	4.38	2.80	.35	5.18	2.30	2.90			
October - -	.90	3.20	1.92	1.33	6.53	1.40	2.02	2.90			
November -	3.68	1.27	1.98	2.68	2.68	2.12	.40	1.83			
December -	1.51	1.90	1.44	.40	1.79	2.68	2.10	5.65			
TOTALS -	21.54	27.30	24.54	17.84	31.96	32.88	26.85	26.61			

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1861 No Observations before Feb; Nash Mills commenced for  
 Jan



Wadford House

Robert Clutterbuck

5 + ground 1.6 in

+ S.L. 190 ft.

| YEAR - -     | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867 | 1868 | 1869 | MEANS. |
|--------------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------|
| January - -  | 3.54  | 1.12  | 1.79  | 3.10  | 1.01  | 1.72  | 3.61  |      |      |      |        |
| February - - | 1.29  | 2.11  | 1.25  | .52   | .97   | 2.01  | 3.53  |      |      |      |        |
| March - - -  | 1.41  | 2.21  | 3.80  | .84   | 2.65  | 1.10  | 1.96  |      |      |      |        |
| April - - -  | 1.01  | 1.05  | 2.38  | .72   | 1.10  | .33   | 2.03  |      |      |      |        |
| May - - - -  | 2.53  | .09   | 3.09  | 1.18  | 1.89  | 2.61  | 1.45  |      |      |      |        |
| June - - - - | 5.66  | 1.03  | 2.05  | 4.69  | 2.44  | 2.11  | 3.31  |      |      |      |        |
| July - - - - | 1.58  | 4.20  | 2.23  | .81   | .99   | 3.97  | 2.66  |      |      |      |        |
| August - - - | 4.65  | .57   | 2.65  | 2.39  | .59   | 3.59  | 2.43  |      |      |      |        |
| September -  | 2.46  | 1.36  | 2.11  | 3.45  | 2.74  | .48   | 4.85  |      |      |      |        |
| October - -  | 1.68  | .98   | 3.11  | 2.57  | 1.10  | 6.20  | 1.33  |      |      |      |        |
| November -   | 1.73  | 3.56  | 1.15  | 1.94  | 2.26  | 2.28  | 1.44  |      |      |      |        |
| December -   | 1.09  | 1.91  | 1.91  | 1.29  | .66   | 2.39  | 2.50  | #    |      |      |        |
| TOTALS -     | 28.63 | 21.79 | 27.52 | 23.44 | 18.40 | 29.59 | 31.10 |      |      |      |        |

c c c c c c c c



Hunton Bridge Mills  
w. Walford.

R. Littleboy

+ Ground <sup>ft in</sup> 5.6

+ Sea Level 250<sup>?</sup> ft

2. Thames - Colne & Brent.

| YEAR - -     | 1860  | 1861  | 1862  | 1863  | 1864 |  |  |  |  |  | MEANS. |
|--------------|-------|-------|-------|-------|------|--|--|--|--|--|--------|
| January - -  | 4.22  | .30   | 1.96  | 2.99  |      |  |  |  |  |  |        |
| February - - | 1.43  | 1.89  | .48   | .52   |      |  |  |  |  |  |        |
| March - - -  | 2.97  | 2.20  | 3.20  | .80   |      |  |  |  |  |  |        |
| April - - -  | 1.10  | .65   | 2.48  | .64   |      |  |  |  |  |  |        |
| May - - - -  | 4.41  | .76   | 3.79  | 1.43  |      |  |  |  |  |  |        |
| June - - - - | 6.45  | 2.73  | 1.91  | 4.76  |      |  |  |  |  |  |        |
| July - - - - | 1.98  | 3.37  | 1.54  | .90   |      |  |  |  |  |  |        |
| August - - - | 4.40  | .60   | 2.60  | 3.12  |      |  |  |  |  |  |        |
| September -  | 2.33  | 2.04  | 2.71  | 3.39  |      |  |  |  |  |  |        |
| October - -  | 1.52  | .75   | 3.37  | 1.88  |      |  |  |  |  |  |        |
| November -   | 2.33  | 3.34  | 1.18  | 1.78  |      |  |  |  |  |  |        |
| December -   | 1.86  | 1.48  | 1.57  | 1.17  | *    |  |  |  |  |  |        |
| TOTALS -     | 35.00 | 20.19 | 26.79 | 23.38 |      |  |  |  |  |  |        |

1863 It is interesting to observe the connexion existing between the very dry months of Feb'y March & April & the magnificent wheat harvest we have had - unparalleled in my experience, a dry spring and a dry hot July always bring a productive harvest



RAINFALL AT Sheatley Shenley  
Rev J. L. Winder Barnet

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

2. Thame - Colne & Brent

| YEAR.....      | 1860 | 1861 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | MEANS. |
|----------------|------|------|------|------|------|------|------|------|------|------|--------|
| January .....  |      |      |      |      |      |      |      |      |      |      |        |
| February ..... |      |      |      |      |      |      |      |      |      |      |        |
| March .....    |      |      |      |      |      |      |      |      |      |      |        |
| April .....    |      |      |      |      |      |      |      |      |      |      |        |
| May .....      |      |      |      |      |      |      |      |      |      |      |        |
| June.....      |      |      |      |      |      |      |      |      |      |      |        |
| July .....     |      |      |      |      |      |      |      |      |      |      |        |
| August.....    |      |      |      |      |      |      |      |      |      |      |        |
| September ...  |      |      |      |      |      |      |      |      |      |      |        |
| October.....   |      |      |      |      |      |      |      |      |      |      |        |
| November.....  |      |      |      |      |      |      |      |      |      |      |        |
| December.....  |      |      |      |      |      |      |      |      |      |      |        |
| TOTALS .....   |      |      |      |      |      |      |      |      |      |      |        |

*from Tottenham*  
2.99  
2.27  
1.68  
2.31  
1.87  
4.01  
1.35  
2.14 A

C



RAINFALL AT Kings Langley, Watford  
*John G. Groom 68*  
Henry A Groom Herts

Rain { By .....  
Gauge { Diameter.....5.....in.      Height above Ground, 1.... ft. 2... in.      Above Mean Sea Level, ..... ft.

2- Thames- Colne & Brent.

| YEAR.....      |  |  |  |  |  |  | 1866                 | 1867  | 1868  | 1869 | MEANS. |
|----------------|--|--|--|--|--|--|----------------------|-------|-------|------|--------|
| January .....  |  |  |  |  |  |  | <sup>A</sup><br>4.09 | 3.14  | 3.45  |      |        |
| February ..... |  |  |  |  |  |  | 3.57                 | 1.77  | 1.30  |      |        |
| March .....    |  |  |  |  |  |  | 1.93                 | 1.97  | 2.45  |      |        |
| April .....    |  |  |  |  |  |  | 1.91                 | 2.46  | 2.20  |      |        |
| May .....      |  |  |  |  |  |  | 1.97                 | 3.01  | .52   |      |        |
| June.....      |  |  |  |  |  |  | 4.07                 | 1.14  | .43   |      |        |
| July .....     |  |  |  |  |  |  | 1.74                 | 4.22  | .57   |      |        |
| August.....    |  |  |  |  |  |  | 2.72                 | 2.05  | 5.08  |      |        |
| September ...  |  |  |  |  |  |  | 4.68                 | 1.39  | 2.67  |      |        |
| October.....   |  |  |  |  |  |  | 1.20                 | 1.55  | 2.40  |      |        |
| November.....  |  |  |  |  |  |  | 2.25                 | 2.00  | 1.67  |      |        |
| December ..... |  |  |  |  |  |  | 2.77                 | 1.05  | 5.91  |      |        |
| TOTALS .....   |  |  |  |  |  |  | 32.90                | 25.75 | 28.65 |      |        |

c c c



Wash Mill

Hemel Hempstead

J Dickenson & Co  
John Evans

12 in + Ground 3 feet + Sea Level 250 feet

2- Thames Colne & Brent.

| YEAR - -     | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS.  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| January - -  | 3.53  | .50   | 2.18  | 3.34  | 1.09  | 3.68  | 4.02  | 3.30  | 3.78  | 3.41  | 2.883 + |
| February - - | 1.22  | 2.00  | .40   | .47   | 1.01  | 2.03  | 3.34  | 1.57  | 1.70  | 2.23  | 1.597   |
| March - - -  | 2.32  | 2.31  | 4.04  | .75   | 2.34  | 1.12  | 1.82  | 2.29  | 1.57  | 1.71  | 2.027   |
| April - - -  | 1.32  | .00   | 2.52  | .77   | 1.00  | .26   | 1.79  | 2.27  | 1.88  | 1.93  | 1.454 - |
| May - - -    | 3.67  | .91   | 3.18  | 1.07  | 2.25  | 2.21  | 1.75  | 3.16  | .85   | 3.53  | 2.258   |
| June - - -   | 6.10  | 2.45  | 2.20  | 4.32  | 1.20  | 2.50  | 3.50  | 1.07  | .55   | 1.00  | 2.489   |
| July - - -   | 2.22  | 3.92  | 1.63  | .85   | .46   | 2.15  | 1.63  | 4.12  | .39   | 1.03  | 1.840   |
| August - -   | 4.44  | .55   | 2.33  | 2.99  | .59   | 4.89  | 2.62  | 1.90  | 3.89  | 1.67  | 2.587   |
| September -  | 2.65  | 1.75  | 2.51  | 3.40  | 2.92  | .59   | 4.30  | 1.85  | 2.49  | 3.64  | 2.610   |
| October - -  | 1.65  | 1.25  | 3.68  | 1.87  | 1.12  | 6.57  | 1.06  | 2.02  | 2.90  | 1.33  | 2.345   |
| November -   | 2.70  | 3.36  | 1.15  | 1.80  | 2.60  | 2.53  | 2.03  | .68   | 1.66  | 2.23  | 2.074   |
| December -   | 2.40  | 1.40  | 1.62  | 1.13  | .38   | 1.72  | 2.35  | 1.61  | 5.67  | 3.96  | 2.224   |
| TOTALS -     | 34.22 | 21.20 | 27.44 | 22.76 | 16.96 | 30.25 | 30.21 | 25.84 | 27.33 | 27.67 | 26.388  |

+ c v c c - c c c c c c



# Berkhampstead

60

Wm Squire

8 in + ground 1.6 in

+ Sea Level 370

2. Thames-Colne-Brent.

| YEAR - -     | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS.  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| January - -  | 3.60  | .84   | 2.81  | 4.40  | 1.30  | 3.85  | 4.32  | 3.73  | 4.05  | 3.95  | 3.285 + |
| February - - | 1.50  | 2.53  | .56   | .80   | 1.04  | 2.55  | 3.71  | 1.82  | 1.83  | 2.59  | 1.893   |
| March - - -  | 2.12  | 2.64  | 4.44  | .95   | 3.11  | 1.39  | 1.99  | 2.71  | 1.98  | 1.76  | 2.309   |
| April - - -  | 1.12  | .90   | 2.86  | 1.16  | 1.46  | .49   | 1.80  | 2.85  | 2.36  | 1.94  | 1.694 - |
| May - - - -  | 4.68  | .88   | 3.33  | 1.07  | 2.47  | 1.83  | 1.76  | 2.88  | .82   | 2.86  | 2.258   |
| June - - - - | 6.04  | 2.07  | 2.55  | 4.87  | 1.62  | 2.49  | 4.32  | 1.31  | .71   | 1.33  | 2.731   |
| July - - - - | 1.50  | 4.13  | 1.86  | .95   | .29   | 3.01  | 1.85  | 4.66  | .56   | .53   | 1.934   |
| August - - - | 4.54  | 1.02  | 2.54  | 2.60  | .68   | 3.69  | 3.46  | 2.02  | 5.02  | 1.68  | 2.725   |
| September -  | 3.39  | 2.28  | 1.93  | 3.16  | 2.73  | .51   | 5.12  | 1.89  | 4.50  | 4.56  | 3.007   |
| October - -  | 1.94  | 1.14  | 3.41  | 3.17  | 1.63  | 6.55  | 1.31  | 2.17  | 3.02  | 1.33  | 2.567   |
| November -   | 2.81  | 3.94  | 1.26  | 2.20  | 3.04  | 2.93  | 2.35  | .75   | 1.52  | 2.74  | 2.354   |
| December -   | 3.00  | 1.73  | 1.95  | 1.42  | .45   | 2.41  | 2.81  | 1.94  | 5.72  | 3.84  | 2.527   |
| TOTALS -     | 36.24 | 24.10 | 29.50 | 26.75 | 19.82 | 31.70 | 34.80 | 28.73 | 32.09 | 29.11 | 29.284  |

+ - - - - -

1863 The rain 5.17 below the average of the last thirteen years

1865 4 ft S of a Glaishere Thos stand



Goshambury, St. Albans

G. Boque

6 in + ground 2.9<sup>ft</sup> in + Sea Level

St. James St. 2. Thames. Colne & Brent

| YEAR - -     | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |   |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---|
| January - -  | 3.74  | .46   | 2.28  | 3.50  | 1.28  | 3.85  | 4.92  | 3.22  | 4.03  | 3.60  | 3.088  | + |
| February - - | 1.32  | 2.32  | .48   | .66   | .91   | 2.40  | 3.22  | 1.66  | 1.94  | 2.29  | 1.720  |   |
| March - - -  | 2.57  | 2.38  | 3.80  | .82   | 2.90  | 1.24  | 1.98  | 2.50  | 1.74  | 1.56  | 2.143  |   |
| April - - -  | 1.25  | .98   | 2.71  | .81   | 1.24  | .26   | 1.62  | 2.81  | 2.21  | 1.83  | 1.572  | - |
| May - - - -  | 3.71  | 1.05  | 3.27  | 1.03  | 2.23  | 2.42  | 1.61  | 3.45  | .82   | 3.28  | 2.287  |   |
| June - - - - | 6.55  | 2.75  | 2.75  | 4.11  | 1.23  | 2.33  | 4.98  | 1.19  | .47   | .98   | 2.734  |   |
| July - - - - | 1.57  | 3.16  | 1.93  | .81   | .57   | 2.97  | 1.99  | 4.42  | .59   | .98   | 1.899  |   |
| August - - - | 4.67  | .90   | 2.61  | 3.30  | .68   | 4.11  | 3.16  | 1.98  | 3.83  | 1.23  | 2.647  |   |
| September -  | 1.58  | 1.86  | 2.03  | 3.49  | 3.09  | .50   | 4.52  | 2.21  | 2.96  | 3.75  | 2.599  |   |
| October - -  | 1.76  | 1.25  | 4.17  | 1.92  | 1.29  | 6.95  | 1.65  | 1.87  | 2.79  | 1.57  | 2.522  |   |
| November -   | 2.76  | 3.77  | 1.32  | 2.41  | 2.77  | 2.84  | 2.21  | .66   | 1.70  | 2.46  | 2.290  |   |
| December -   | 2.66  | 1.25  | 1.81  | 1.23  | .47   | 2.15  | 2.67  | 1.65  | 5.40  | 4.19  | 2.348  |   |
| TOTALS -     | 34.08 | 22.13 | 29.16 | 24.09 | 18.66 | 32.02 | 34.53 | 27.62 | 28.48 | 27.72 | 27.849 |   |

$\sqrt{c} \sqrt{c} c c c c c c c c$



Rainfall at Low Post Spring

60

H. Thomas Esq.

Diameter of Gauge, <sup>4</sup>10 in.Height above Ground, 4 ft. 2 in.Above Mean Sea Level, 395 ft.2. Thames - Blue & Bent.

| YEAR - -     | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - -  | 3.71  | .44   | 2.69  | 4.45  | 1.10  | 3.00  | 4.12  | 3.07  | 3.86  | 4.13  | 3.057  |
| February - - | .92   | 2.25  | .61   | .84   | .97   | 2.01  | 4.16  | 2.86  | 2.31  | 2.58  | 1.851  |
| March - - -  | 2.39  | 2.89  | 3.72  | 1.05  | 2.66  | 1.35  | 1.58  | 2.27  | 2.29  | 1.66  | 2.186  |
| April - - -  | .82   | .86   | 2.57  | 1.02  | 1.46  | .41   | 1.09  | 2.52  | 2.45  | 1.66  | 1.486  |
| May - - - -  | 4.35  | .74   | 3.26  | .99   | 2.63  | 1.75  | 1.91  | 3.99  | .84   | 2.71  | 2.317  |
| June - - - - | 5.04  | 2.13  | 2.47  | 3.69  | 1.46  | 2.61  | 2.40  | 1.44  | .61   | 1.53  | 2.338  |
| July - - - - | 1.14  | 3.74  | 1.74  | .86   | .29   | 3.33  | 2.93  | 4.41  | .39   | .58   | 1.941  |
| August - - - | 4.42  | .90   | 2.33  | 2.34  | .55   | 3.37  | 1.80  | 1.86  | 4.91  | 1.41  | 2.397  |
| September -  | 3.41  | 2.03  | 1.67  | 3.59  | 1.83  | .51   | 5.48  | 2.54  | 4.92  | 3.81  | 2.979  |
| October - -  | 1.70  | 1.00  | 3.44  | 3.00  | 1.63  | 5.66  | 1.51  | 2.14  | 3.01  | 1.29  | 2.438  |
| November -   | 2.42  | 3.63  | 1.35  | 2.20  | 3.22  | 2.77  | 2.29  | .67   | 1.56  | 2.60  | 2.279  |
| December -   | 2.22  | 1.40  | 2.16  | 1.44  | .49   | 2.22  | 2.31  | 2.11  | 5.41  | 3.49  | 2.325  |
| TOTALS -     | 32.54 | 22.09 | 28.01 | 25.47 | 18.29 | 28.99 | 31.58 | 29.88 | 32.56 | 27.53 | 27.594 |

Gauge Shutted

1867 Subsequently returned with different amounts for nearly every month, and total 29.60 -







Rainfall at *Park Gate Little Berkhamsted.*  
*Hertford*  
*R. P. Davies*

60

Diameter of Gauge, ..... in.

Height above Ground, 2... ft. 9... in.

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

3. *Thames - Sea.*

| YEAR - -     | 1860 | 1861 | 1862 | 1863 | 1864  | 1865  | 1866 | 1867 | 1868 | 1869 | MEANS. |
|--------------|------|------|------|------|-------|-------|------|------|------|------|--------|
| January - -  |      |      |      |      | # .63 | 3.10  |      |      |      |      |        |
| February - - |      |      |      |      | 1.10  | 1.86  |      |      |      |      |        |
| March - - -  |      |      |      |      | 2.34  | .94   |      |      |      |      |        |
| April - - -  |      |      |      |      | .87   | .40   |      |      |      |      |        |
| May - - - -  |      |      |      |      | 2.40  | 2.75  |      |      |      |      |        |
| June - - - - |      |      |      |      | 1.34  | 1.67  |      |      |      |      |        |
| July - - - - |      |      |      |      | .32   | 3.19  |      |      |      |      |        |
| August - - - |      |      |      |      | .78   | 3.86  |      |      |      |      |        |
| September -  |      |      |      |      | 2.44  | .60   |      |      |      |      |        |
| October - -  |      |      |      |      | 1.19  | 6.00  |      |      |      |      |        |
| November -   |      |      |      |      | 2.42  | 2.11  |      |      |      |      |        |
| December -   |      |      |      |      | .55   | 1.56  | #    |      |      |      |        |
| TOTALS -     |      |      |      |      | 10.38 | 20.12 |      |      |      |      |        |

c c



RAINFALL AT Welford W. Hertford

Rev R P Davies

S<sup>t</sup> Mary Parsonage

Rain { By .....

Gauge { Diameter.....8.....in.

Height above Ground, ...1... ft. 3... in.

Above Mean Sea Level, 360... ft.

3 - Thames - Sea.

| YEAR.....      |  |  |  |  |  |  | 1866  | 1867  | 1868  | 1869         | MEANS. |
|----------------|--|--|--|--|--|--|-------|-------|-------|--------------|--------|
| January .....  |  |  |  |  |  |  | *2.84 | 2.57  | 3.38  |              |        |
| February ..... |  |  |  |  |  |  | 3.09  | 1.55  | 1.47  |              |        |
| March .....    |  |  |  |  |  |  | 1.68  | 2.25  | 1.54  |              |        |
| April .....    |  |  |  |  |  |  | 1.88  | 2.34  | 1.80  |              |        |
| May .....      |  |  |  |  |  |  | 1.71  | 3.33  | .76   |              |        |
| June.....      |  |  |  |  |  |  | 3.49  | 1.02  | .38   |              |        |
| July .....     |  |  |  |  |  |  | 1.54  | 3.63  | .29   |              |        |
| August.....    |  |  |  |  |  |  | 1.68  | 2.47  | 3.16  | <del>4</del> |        |
| September ...  |  |  |  |  |  |  | 4.43  | 2.45  | 3.17  |              |        |
| October.....   |  |  |  |  |  |  | 2.44  | 1.97  | 2.51  |              |        |
| November.....  |  |  |  |  |  |  | 2.04  | .68   | 1.89  |              |        |
| December.....  |  |  |  |  |  |  | 2.47  | 1.63  | 5.06  |              |        |
| TOTALS .....   |  |  |  |  |  |  | 29.29 | 25.89 | 26.31 |              |        |

c c c



RAINFALL AT Hertford

Herts

Observer J. W. Grindley Esq. C.E.

Rain { By.....  
Gauge { .....  
Diameter.....12.....in.

Height above Ground,.....3.....ft.....in.

Above Mean Sea Level.....120.....ft.

3. Thames - Sea.

| YEAR.....      | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January.....   | 2.29  | 3.50  | 1.01  | .40   | .83   | 1.08  | 2.95  | 1.96  | 3.08  | 2.27  | 1.737  |
| February.....  | .62   | 1.13  | .56   | .42   | .73   | 2.38  | 3.16  | 1.53  | 1.00  | 1.20  | 1.273  |
| March.....     | 1.41  | 1.15  | 3.65  | .53   | 3.10  | 1.42  | 1.77  | 1.97  | 2.43  | .46   | 1.789  |
| April.....     | .90   | 1.30  | 2.61  | .72   | .89   | .29   | 2.13  | 1.85  | 1.62  | 1.72  | 1.403  |
| May.....       | 2.85  | .20   | 2.18  | .74   | 2.10  | 1.95  | 1.22  | 2.10  | .69   | 2.88  | 1.691  |
| June.....      | 5.56  | .58   | 2.55  | 3.63  | 1.41  | 1.32  | 2.91  | .85   | .26   | 1.00  | 2.007  |
| July.....      | 2.56  | 2.80  | 2.26  | 3.20  | .45   | 3.67  | 2.75  | 3.07  | .14   | .87   | 1.977  |
| August.....    | 4.69  | .57   | 2.12  | 3.75  | 1.37  | 3.33  | 2.73  | 2.53  | 2.68  | 1.09  | 2.286  |
| September..... | 2.99  | 1.88  | 1.76  | 2.52  | .57   | .69   | 3.56  | 2.58  | 2.11  | 2.53  | 2.119  |
| October.....   | 1.52  | .89   | 3.94  | 2.60  | .98   | 6.17  | 2.19  | 2.50  | 2.34  | 2.03  | 2.516  |
| November.....  | 2.03  | 2.98  | .97   | 1.80  | 1.91  | 1.87  | 1.89  | .20   | 1.07  | 2.27  | 1.699  |
| December.....  | 1.20  | 1.81  | 1.29  | 1.09  | .21   | 1.24  | 2.26  | 2.74  | 5.08  | 3.29  | 2.021  |
| TOTALS.....    | 28.62 | 36.79 | 24.90 | 37.40 | 14.55 | 25.41 | 29.52 | 23.88 | 22.30 | 21.61 | 22.518 |



## Hoddeston Field &amp; Weir

Works in open flat plains - near large pool of the Sea.

N. Beardmore Esq.

24 in 66

68 80 66

93 64

Diam 1.8 + ground 2 feet

+ Sea Level 82 feet 6<sup>5</sup>/<sub>3</sub>

3- Thames. Sea.

| YEAR - -      | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - -   | 3.40  | .85   | 2.15  | 3.50  | .95   | 4.00  | 3.90  | 2.40  | 3.50  | 2.90  | 2.755  |
| February - -  | 1.50  | 2.35  | .38   | .70   | 1.20  | 1.95  | 4.05  | 1.73  | 1.65  | 2.95  | 1.846  |
| March - - -   | 2.60  | 3.10  | 3.42  | .85   | 2.72  | 1.40  | 1.90  | 2.41  | 1.95  | 2.30  | 2.265  |
| April - - - - | 1.30  | 1.28  | 2.60  | .80   | .73   | .28   | 1.95  | 2.30  | 1.78  | 2.00  | 1.502  |
| May - - - -   | 4.30  | 1.40  | 2.80  | 1.00  | 2.40  | 2.40  | 1.70  | 3.20  | 1.40  | 3.20  | 2.380  |
| June - - - -  | 5.60  | 1.95  | 2.30  | 3.94  | 1.55  | 1.90  | 3.20  | .90   | .20   | .96   | 2.250  |
| July - - - -  | 2.00  | 2.00  | 1.32  | .78   | 1.00  | 3.05  | 1.95  | 2.95  | .20   | .90   | 1.615  |
| August - - -  | 4.05  | .55   | 2.65  | 1.85  | .95   | 3.56  | 2.20  | 2.46  | 3.00  | .95   | 2.222  |
| September -   | 2.70  | 0.80  | 1.50  | 3.05  | 2.23  | .60   | 4.40  | 2.95  | 2.80  | 3.50  | 2.553  |
| October - -   | 1.70  | .90   | 3.45  | 2.10  | 1.05  | 5.40  | 2.55  | 1.95  | 2.45  | 1.75  | 2.330  |
| November -    | 2.60  | 4.60  | 1.40  | 2.05  | 2.50  | 2.35  | 1.95  | .80   | 1.38  | 2.25  | 2.188  |
| December -    | 2.00  | 1.20  | 1.75  | 1.45  | .65   | 1.90  | 2.50  | 2.10  | 4.80  | 3.50  | 2.185  |
| TOTALS -      | 33.75 | 21.98 | 25.72 | 22.07 | 17.93 | 28.79 | 32.25 | 26.15 | 25.11 | 27.16 | 26.091 |

20.98

On open Marsh nearest eminence  $\frac{3}{4}$  of an distant

1860 From Rivers Pol Rep Red figs from Riv. Pol. Rep. &amp; there are other minor differences - but 1.80 is more likely



Bayfordbury  
Hertford

W E Baker

8 in Gauge by N & Z

+ Ground. 4 in

+ Sea Level 250 ft.

3. James - Sea.

| YEAR - -      | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS.  |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| January - -   | 2.98  | .79   | 2.09  | 3.40  | .80   | 3.95  | 3.25  | 2.71  | 3.15  | 3.00  | 2.612 + |
| February - -  | 1.33  | 2.19  | .35   | .42   | 1.55  | 2.33  | 3.14  | 1.60  | 1.56  | 2.33  | 1.680   |
| March - - -   | 1.88  | 2.04  | 3.26  | .80   | 2.66  | 1.32  | 1.89  | 2.47  | 1.20  | 1.84  | 1.936   |
| April - - - - | 1.29  | 1.12  | 2.43  | .51   | .78   | .40   | 1.79  | 2.36  | 1.61  | 1.74  | 1.403 - |
| May - - - -   | 3.25  | 1.07  | 2.25  | .78   | 2.43  | 2.38  | 1.74  | 3.10  | .67   | 3.16  | 2.083   |
| June - - - -  | 5.01  | 1.55  | 2.02  | 4.28  | 1.20  | 1.64  | 3.73  | .76   | .34   | 1.10  | 2.163   |
| July - - - -  | 2.18  | 3.30  | 1.79  | .72   | .25   | 3.22  | 1.83  | 3.43  | .20   | .90   | 1.782   |
| August - - -  | 4.10  | .54   | 2.36  | 2.61  | .91   | 3.92  | 2.45  | 2.28  | 2.82  | 1.14  | 2.313   |
| September -   | 2.19  | 1.72  | 1.86  | 2.64  | 2.10  | .56   | 4.41  | 2.35  | 2.67  | 3.48  | 2.398   |
| October - -   | 1.31  | .79   | 3.18  | 1.97  | 1.22  | 6.03  | 2.37  | 1.95  | 2.38  | 1.58  | 2.278   |
| November -    | 2.62  | 4.19  | 1.38  | 1.97  | 2.74  | 2.31  | 1.92  | .64   | 1.63  | 2.36  | 2.176   |
| December -    | 2.42  | 1.14  | 1.47  | .97   | .72   | 1.75  | 2.39  | 1.74  | 5.56  | 3.71  | 2.187   |
| TOTALS -      | 30.56 | 20.44 | 24.44 | 21.07 | 17.36 | 29.81 | 30.91 | 25.39 | 23.79 | 26.34 | 25.011  |

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1860 May 13.<sup>th</sup> (night of 12.<sup>th</sup>) 1.35; June 2.<sup>nd</sup> 1.02 Aug. 18.<sup>th</sup> mostly  
during  $\Phi$  from 4 to 6 P<sup>m</sup> 1.21 in Sept. 25.<sup>th</sup> .90

1861 July 20<sup>th</sup> .77 in 1 hour during \$ Nov. 13<sup>th</sup> 1.40 in

1862 March 20<sup>th</sup> 76 mostly in snow & sleet April 9<sup>th</sup> 1.00 in

1865 ♀ on piece of grass in kitchen garden



RAINFALL AT BayfordburyHertfordObserver H. Clinton Baker

Rain { By.....

Gauge { Diameter 5 in.Height above Ground, 1 ft. 2 in.Above Mean Sea Level 250 ft.3. Thames - Sea.

| YEAR.....      |  |  |  |  |  | 1865                 | 1866  | 1867         | 1868 | 1869            | MEANS. |
|----------------|--|--|--|--|--|----------------------|-------|--------------|------|-----------------|--------|
| January.....   |  |  |  |  |  | <sup>a</sup><br>2.93 | 3.15  |              |      | <del>3.00</del> |        |
| February ..... |  |  |  |  |  | 2.25                 | 3.13  |              |      | 2.33            |        |
| March .....    |  |  |  |  |  | 1.26                 | 1.90  |              |      | 1.84            |        |
| April .....    |  |  |  |  |  | .36                  | 1.80  |              |      | 1.74            |        |
| May .....      |  |  |  |  |  | 2.39                 | 1.75  |              |      | 3.16            |        |
| June.....      |  |  |  |  |  | 1.65                 | 3.65  |              |      | 1.10            |        |
| July .....     |  |  |  |  |  | 3.26                 | 1.81  |              |      | .90             |        |
| August.....    |  |  |  |  |  | 3.90                 | 2.45  |              |      | 1.14            |        |
| September..... |  |  |  |  |  | .54                  | 4.43  |              |      | 3.48            |        |
| October .....  |  |  |  |  |  | 6.08                 | 2.30  |              |      | 1.58            |        |
| November.....  |  |  |  |  |  | 2.26                 | 1.80  |              |      | 2.36            |        |
| December.....  |  |  |  |  |  | 1.71                 | 2.39  | <sup>a</sup> |      | 3.71            |        |
| TOTALS .....   |  |  |  |  |  | 29.59                | 30.64 |              |      | 26.34           |        |

c c

g on lawn 100 yards from any trees  
 1869 wrongly entered



# RAINFALL AT Much Hadham, Ware

60

Henry S Mott

Herts

In thickly wooded valley

Rain { By .....  
Gauge { Diameter.....5.....in.

Height above Ground, .1... ft. 1... in.

Above Mean Sea Level, 222 ft.

3- Thames - Sea.

| YEAR.....      |  |  |  |  |  |  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|----------------|--|--|--|--|--|--|-------|-------|-------|-------|--------|
| January .....  |  |  |  |  |  |  | *2.79 | 2.73  | 3.17  | 2.78  |        |
| February ..... |  |  |  |  |  |  | 3.46  | 1.49  | 1.54  | 2.46  |        |
| March .....    |  |  |  |  |  |  | 1.82  | 2.32  | 1.79  | 2.32  |        |
| April .....    |  |  |  |  |  |  | 2.05  | 1.99  | 1.37  | 2.15  |        |
| May .....      |  |  |  |  |  |  | 2.15  | 3.85  | 1.40  | 3.59  |        |
| June.....      |  |  |  |  |  |  | 3.37  | .75   | .39   | .98   |        |
| July .....     |  |  |  |  |  |  | 2.21  | 3.10  | 14    | .85   |        |
| August.....    |  |  |  |  |  |  | 2.75  | 2.09  | 2.35  | 1.37  |        |
| September ...  |  |  |  |  |  |  | 4.03  | 2.80  | 2.07  | 3.20  |        |
| October.....   |  |  |  |  |  |  | 1.91  | 2.21  | 2.33  | 1.76  |        |
| November.....  |  |  |  |  |  |  | 2.18  | .76   | 1.69  | 2.54  |        |
| December.....  |  |  |  |  |  |  | 2.49  | 2.31  | 4.78  | 3.55  |        |
| TOTALS .....   |  |  |  |  |  |  | 31.21 | 26.40 | 23.02 | 27.55 |        |

c c c c



# RAINFALL AT Stevenage

*Rev J & Seager*

*Gauge partly sunk in a dwarf stone column*

Rain { By *Mazette*  
Gauge { Diameter *0* in.

Height above Ground, *4* ft. *2* in.

Above Mean Sea Level, *176* ft.

*321 68 69*

## 3. Thames - Sea.

| YEAR .....     | 1864         | 1865         | 1866         | 1867         | 1868         | 1869         | MEANS. |
|----------------|--------------|--------------|--------------|--------------|--------------|--------------|--------|
| January .....  | <i># 91</i>  | <i>3.55</i>  | <i>3.62</i>  | <i>3.13</i>  | <i>3.30</i>  | <i>3.54</i>  |        |
| February ..... | <i>1.55</i>  | <i>2.43</i>  | <i>3.71</i>  | <i>1.70</i>  | <i>.82</i>   | <i>2.32</i>  |        |
| March .....    | <i>2.76</i>  | <i>1.48</i>  | <i>1.41</i>  | <i>2.74</i>  | <i>2.59</i>  | <i>2.04</i>  |        |
| April .....    | <i>.87</i>   | <i>.59</i>   | <i>2.04</i>  | <i>2.40</i>  | <i>2.46</i>  | <i>2.07</i>  |        |
| May .....      | <i>2.63</i>  | <i>1.62</i>  | <i>1.38</i>  | <i>3.86</i>  | <i>.64</i>   | <i>3.74</i>  |        |
| June .....     | <i>1.86</i>  | <i>1.91</i>  | <i>3.14</i>  | <i>.98</i>   | <i>.42</i>   | <i>1.48</i>  |        |
| July .....     | <i>24</i>    | <i>5.58</i>  | <i>2.79</i>  | <i>4.56</i>  | <i>.34</i>   | <i>.78</i>   |        |
| August .....   | <i>.72</i>   | <i>4.22</i>  | <i>2.89</i>  | <i>2.08</i>  | <i>5.44</i>  | <i>.85</i>   |        |
| September ...  | <i>2.44</i>  | <i>.56</i>   | <i>3.37</i>  | <i>1.85</i>  | <i>2.58</i>  | <i>3.36</i>  |        |
| October .....  | <i>1.43</i>  | <i>6.30</i>  | <i>1.79</i>  | <i>2.22</i>  | <i>2.83</i>  | <i>1.21</i>  |        |
| November ...   | <i>2.74</i>  | <i>2.25</i>  | <i>1.81</i>  | <i>.35</i>   | <i>1.39</i>  | <i>2.31</i>  |        |
| December ..... | <i>.52</i>   | <i>1.21</i>  | <i>2.07</i>  | <i>2.25</i>  | <i>4.47</i>  | <i>3.86</i>  |        |
| TOTALS .....   | <i>18.67</i> | <i>31.70</i> | <i>30.02</i> | <i>28.12</i> | <i>27.28</i> | <i>27.56</i> |        |

*1864 Jan from a neighbor*

*Until 1866 April 10 gauge only 1 ft 3 in + ground.*



Woodfield

Stevens

1 Bailey Denton Esq

1.6 65-66 69  
3 64

+ ground 3ft 6in

+ Sea level 200ft

3- Thames-Sea

| YEAR - -       | 1860 | 1861 | 1862 | 1863  | 1864  | 1865  | 1866  | 1867  | 1868 | 1869  | MEANS. |
|----------------|------|------|------|-------|-------|-------|-------|-------|------|-------|--------|
| January - -    |      |      |      | 3.31  | .92   | 2.87  | 2.76  | 2.47  |      | 4.05  |        |
| February - -   |      |      |      | .74   | .56   | 2.74  | 3.19  | 1.63  |      | 2.81  |        |
| March - - -    |      |      |      | .71   | 3.91  | 1.54  | 1.18  | 2.20  |      | 1.78  |        |
| April - - - -  |      |      |      | .68   | .86   | .53   | 1.67  | 2.44  |      | 1.91  |        |
| May - - - - -  |      |      |      | .88   | 2.29  | 1.46  | 1.92  | 3.45  |      | 3.76  |        |
| June - - - - - |      |      |      | 2.86  | 2.16  | 1.90  | 2.99  | .89   |      | 1.31  |        |
| July - - - - - |      |      |      | .65   | .25   | 6.12  | 2.28  | 4.56  |      | .79   |        |
| August - - -   |      |      |      | 2.36  | .54   | 3.26  | 2.44  | 2.13  |      | .75   |        |
| September -    |      |      |      | 1.80  | 2.63  | .03   | 3.29  | 1.89  |      | 3.09  |        |
| October - - -  |      |      |      | 2.04  | 1.39  | 6.54  | 1.68  | 2.12  |      | 1.67  |        |
| November - -   |      |      |      | 2.28  | 2.42  | 2.09  | 1.84  | .23   |      | 2.28  |        |
| December - -   |      |      |      | 1.00  | .48   | .91   | 1.92  | 1.99  |      | 3.19  |        |
| TOTALS -       |      |      |      | 19.31 | 18.41 | 29.99 | 27.16 | 26.00 |      | 27.39 |        |

c c c c c c c

1868 Did not agree with Mr Seager's return so would not send it -



RAINFALL AT Aspenden Rectory

Buntingford

Rev A P Sanderson

Rain { By H & Z  
Gauge { Diameter 5 in.

Height above Ground, 1 ft. .... in. Above Mean Sea Level, ..... ft.

3- Thames. Sea.

| YEAR .....     | 1860 | 1861 | 1862 | 1863 | 1864 | 1865  | 1866  | 1867 | 1868 | 1869  | MEANS. |
|----------------|------|------|------|------|------|-------|-------|------|------|-------|--------|
| January .....  |      |      |      |      |      |       | 3.01  |      |      | #2.70 |        |
| February ..... |      |      |      |      |      |       | 3.47  |      |      | 2.49  |        |
| March .....    |      |      |      |      |      |       | 1.55  |      |      | 1.79  |        |
| April .....    |      |      |      |      |      |       | 1.72  |      |      | 2.34  |        |
| May .....      |      |      |      |      |      |       | 2.39  |      |      | 3.89  |        |
| June .....     |      |      |      |      |      |       | 3.13  |      |      | 1.04  |        |
| July .....     |      |      |      |      |      | #2.83 | 2.40  |      |      | .91   |        |
| August .....   |      |      |      |      |      | 3.93  | 2.87  |      |      | 1.39  |        |
| September ...  |      |      |      |      |      | .59   | 3.93  |      |      | 3.77  |        |
| October .....  |      |      |      |      |      | 7.14  | 1.82  |      |      | 1.37  |        |
| November ...   |      |      |      |      |      | 2.05  | 2.30  |      |      | 2.82  |        |
| December ..... |      |      |      |      |      | 1.20  | 2.04  | #    |      | 4.13  |        |
| TOTALS .....   |      |      |      |      |      |       | 30.63 |      |      | 28.64 |        |

c c

c

4 g on grass terrace facing the S



6 in 64 568 266 75 69

4 - Омар

+ c c c c c c c c c c

4 on Lawn no building within 54 ft.



Hartwell House

Samuel Horton

6

Gauge 1 ft + ground ; 250 ft + s level  
 Buck 2 / Thames - Thame.

| YEAR - -     | 1860  | 1861  | 1862  | 1863            | 1864 |  |  |  |  |  | MEANS. |
|--------------|-------|-------|-------|-----------------|------|--|--|--|--|--|--------|
| January - -  | 2.93  | .46   | 2.38  |                 |      |  |  |  |  |  |        |
| February - - | .82   | 1.64  | .22   |                 |      |  |  |  |  |  |        |
| March - - -  | 1.86  | 2.22  | 4.20  |                 |      |  |  |  |  |  |        |
| April - - -  | 1.24  | .74   | 2.95  |                 |      |  |  |  |  |  |        |
| May - - - -  | 4.12  | .73   | 2.45  |                 |      |  |  |  |  |  |        |
| June - - - - | 4.86  | 2.02  | 2.61  |                 |      |  |  |  |  |  |        |
| July - - - - | 1.23  | 3.74  | 1.50  |                 |      |  |  |  |  |  |        |
| August - - - | 4.69  | .78   | 2.06  |                 |      |  |  |  |  |  |        |
| September -  | 3.84  | 1.80  | 1.61  |                 |      |  |  |  |  |  |        |
| October - -  | 1.92  | 1.16  | 2.70  |                 |      |  |  |  |  |  |        |
| November -   | 2.54  | 2.60  | .81   |                 |      |  |  |  |  |  |        |
| December -   | 1.40  | 1.54  | 1.80  | <del>1.80</del> |      |  |  |  |  |  |        |
| TOTALS -     | 31.45 | 19.43 | 25.29 |                 |      |  |  |  |  |  |        |

✓ ✓ ✓



# Hartwell Rectory

Rev. Charles Lowndes

Gauge, 4 ft + ground; 290 ft + s l  
Bucks 2/ Thames. Thame.

| YEAR - -      | 1860  | 1861  | 1862  | 1863  | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | MEANS. |
|---------------|-------|-------|-------|-------|------|------|------|------|------|------|--------|
| January - -   | 2.64  | .20   | 1.82  | 2.76  |      |      |      |      |      |      |        |
| February - -  | .31   | 1.50  | .24   | .58   |      |      |      |      |      |      |        |
| March - - -   | 1.31  | 1.70  | 3.03  | .65   |      |      |      |      |      |      |        |
| April - - -   | .97   | .86   | 2.40  | .81   |      |      |      |      |      |      |        |
| May - - - -   | 3.14  | .64   | 2.69  | .77   |      |      |      |      |      |      |        |
| June - - - -  | 5.07  | 1.71  | 1.57  | 2.79  |      |      |      |      |      |      |        |
| July - - - -  | .87   | 3.31  | 1.68  | .57   |      |      |      |      |      |      |        |
| August - - -  | 3.92  | .46   | 1.84  | 2.04  |      |      |      |      |      |      |        |
| September -   | 3.93  | 1.51  | 2.10  | 2.78  |      |      |      |      |      |      |        |
| October - - - | 1.75  | 1.03  | 2.34  | 2.12  |      |      |      |      |      |      |        |
| November -    | 2.05  | 2.67  | .59   | 2.23  |      |      |      |      |      |      |        |
| December -    | 2.25  | 1.52  | 1.28  | .98   |      |      |      |      |      |      |        |
| TOTALS -      | 28.21 | 17.11 | 21.58 | 19.08 |      |      |      |      |      |      |        |

c c c c



RAINFALL AT NylesburyObserver..... J. Capcutt.....

Rain { By.....

Gauge { .....  
Diameter..... 12.....in.Height above Ground, 1.....ft.....in.Above Mean Sea Level. 294<sup>?</sup>.....ft.Bucks / 2 Thames. Thame.

| YEAR.....      |  |  |  |  |  |  |  |  | 1868  | 1869  | MEANS. |
|----------------|--|--|--|--|--|--|--|--|-------|-------|--------|
| January.....   |  |  |  |  |  |  |  |  | 6.00  | 2.75  |        |
| February ..... |  |  |  |  |  |  |  |  | 2.50  | 3.25  |        |
| March .....    |  |  |  |  |  |  |  |  | 3.00  | 1.10  |        |
| April.....     |  |  |  |  |  |  |  |  | 2.20  | 1.50  |        |
| May .....      |  |  |  |  |  |  |  |  | 1.50  | 2.50  |        |
| June.....      |  |  |  |  |  |  |  |  | .50   | 1.50  |        |
| July .....     |  |  |  |  |  |  |  |  | 1.00  | .50   |        |
| August.....    |  |  |  |  |  |  |  |  | 3.00  | 1.25  |        |
| September..... |  |  |  |  |  |  |  |  | 2.50  | 2.25  |        |
| October .....  |  |  |  |  |  |  |  |  | 2.00  | 1.50  |        |
| November.....  |  |  |  |  |  |  |  |  | 1.00  | 2.50  |        |
| December.....  |  |  |  |  |  |  |  |  | 4.00  | 2.25  |        |
| TOTALS .....   |  |  |  |  |  |  |  |  | 29.20 | 22.85 |        |

C C



Rainfall at Cham

Geo Herbert Snow

Basella

Diameter of Gauge, 5 in.Height above Ground, 1 ft. .... in.Above Mean Sea Level, 120? ft.

Bucks.

3. Thames - wye &amp;c.

| YEAR - -     |  |                                      | 1862 | 1863   | 1864                                 | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|--------------|--|--------------------------------------|------|--------|--------------------------------------|-------|-------|-------|-------|-------|--------|
| January - -  |  |                                      |      | 2.90   | .80                                  | 3.44  | 3.31  | 2.44  | 3.59  | 2.93  |        |
| February - - |  |                                      |      | .56    | 1.14                                 | 2.26  | 3.16  | 1.37  | 1.46  | 2.12  |        |
| March - - -  |  |                                      |      | 1.01   | 2.89                                 | .87   | 1.26  | 2.33  | 1.19  | 1.11  |        |
| April - - -  |  |                                      |      | .89    | 1.83                                 | .56   | 2.51  | 2.02  | 1.66  | 1.40  |        |
| May - - - -  |  | from 7 <sup>th</sup> #               | 1.66 | 1.29   | 1.91                                 | 2.60  | 1.93  | 1.37  | .68   | 3.30  |        |
| June - - - - |  |                                      | 2.36 | * 4.13 | 1.64                                 | 2.58  | 3.55  | 1.46  | .40   | 1.43  |        |
| July - - - - |  |                                      | 1.98 | .82    | .65                                  | 2.75  | 1.94  | 3.45  | 1.81  | 1.15  |        |
| August - - - |  |                                      |      | 3.63   |                                      |       | 2.68  | 1.68  | 3.25  | 1.26  |        |
| September -  |  | 15 <sup>th</sup> to 30 <sup>th</sup> | .74  |        | 10 <sup>th</sup> to 30 <sup>th</sup> | 1.8   | 3.43  | 3.93  | 1.82  | 2.59  | 3.65   |
| October - -  |  |                                      | 3.46 | 2.78   | 1.49                                 | 5.57  | 1.38  | 2.32  | 2.95  | 1.55  |        |
| November -   |  |                                      | 1.18 | 1.82   | 2.22                                 | 2.42  | 1.59  | .94   | 1.59  | 2.79  |        |
| December -   |  |                                      | 1.98 | 1.18   | 1.02                                 | 2.05  | 2.06  | 1.53  | 4.81  | 2.84  |        |
| TOTALS -     |  |                                      |      | 21.00  | 15.77                                | 28.53 | 29.30 | 22.73 | 25.98 | 25.53 |        |

c c c c c c c c c

\* on 13<sup>th</sup> 12 m. .92 rain fell in 2 hours with thunder  
 by 36 ft. SSE of the house otherwise free  
 1868 25<sup>th</sup> Mar to 17<sup>th</sup> April (22 days) 0.10  
 27<sup>th</sup> April to May 21<sup>st</sup> 23 " 0.09  
 24<sup>th</sup> May - June 21<sup>st</sup> 27 - 0.07  
 23 June - July 11<sup>th</sup> 27 - 0.00 !  
 26 Aug. - Sept. 18<sup>th</sup> 22 - 0.00 !!  
 111 day = 0.26 in



Rainfall at High Wycombe

H.S.  
H. Wheeler Esq

Partly buried in ground; 10ft from 10ft wall; 8ft from trees 5ft high, in N, NE & E.

Diameter of Gauge, ..... 8 ..... in.

Height above Ground, ..... ft. 9 ..... in.

Above Mean Sea Level, ..... 225 ..... ft.

Bucks. 3. Thames - wye &c.

| YEAR - -     | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS.  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| January - -  | 3.33  | 50    | 2.30  | 3.40  | 94    | 3.70  | 3.47  | 3.31  | 3.66  | 3.24  | 2.785 + |
| February - - | 1.25  | 1.75  | .25   | .70   | 1.12  | 2.30  | 3.80  | 1.78  | 1.58  | 2.00  | 1.653   |
| March - - -  | 2.27  | 2.53  | 4.50  | .78   | 2.50  | 1.25  | 1.38  | 2.09  | 1.82  | 1.39  | 2.051   |
| April - - -  | 1.00  | .78   | 2.68  | .70   | 1.10  | .44   | 1.50  | 2.69  | 1.72  | 1.86  | 1.447 - |
| May - - - -  | 3.31  | .87   | 4.10  | 1.25  | 1.87  | 1.51  | 1.37  | 1.93  | .69   | 3.16  | 2.006   |
| June - - - - | 5.50  | 2.25  | 1.94  | 4.00  | 90    | 2.03  | 3.02  | 1.16  | .55   | 1.57  | 2.292   |
| July - - - - | 1.84  | 3.87  | 1.88  | .75   | 50    | 2.06  | 2.84  | 4.22  | 1.50  | 1.52  | 2.098   |
| August - - - | 4.75  | .62   | 2.18  | 2.60  | .40   | 1.69  | 2.45  | 1.77  | 3.55  | 1.63  | 2.164   |
| September -  | 3.00  | 1.94  | 1.95  | 3.22  | 1.94  | .13   | 5.15  | 1.78  | 3.21  | 3.94  | 2.626   |
| October - -  | 1.70  | 1.00  | 3.37  | 2.81  | 1.32  | 5.37  | 1.42  | 2.12  | 2.87  | 1.34  | 2.332   |
| November -   | 2.50  | 3.30  | .87   | 1.81  | 2.62  | 2.68  | 2.03  | .81   | 1.16  | 2.52  | 2.030   |
| December -   | 2.38  | 1.70  | 1.87  | 1.31  | .31   | 1.87  | 2.31  | 1.69  | 5.00  | 3.77  | 2.221   |
| TOTALS -     | 32.83 | 21.11 | 27.89 | 23.33 | 15.52 | 25.03 | 30.74 | 23.35 | 27.31 | 27.94 | 25.705  |

+ c c c c c c c c c c



Rainfall at Wispenden Abbey

J Begbie Esq.

In a clear open space

Bucks/4. Diameter of Gauge, ... 5 in. Height above Ground, ... 1 ft. Above Mean Sea Level, ..... ft.

Thames. Colne. *Car.*

| YEAR - -      |  |  | 1862 | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|---------------|--|--|------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - -   |  |  |      | 4.79  | 1.62  | 4.41  | 4.99  | 3.17  | 4.41  | 4.20  |        |
| February - -  |  |  |      | .67   | 1.61  | 2.69  | 4.50  | 2.19  | 2.37  | 2.96  |        |
| March - - -   |  |  |      | 1.20  | 2.29  | 1.64  | 1.95  | 2.46  | 2.14  | 1.85  |        |
| April - - -   |  |  |      | .89   | 1.36  | .43   | 2.30  | 3.66  | 2.35  | 1.83  |        |
| May - - - -   |  |  |      | 1.43  | 2.31  | 1.35  | 1.17  | 3.22  | .88   | 3.43  |        |
| June - - - -  |  |  |      | 4.27  | 2.20  | 3.78  | 3.03  | 1.46  | .70   | 1.44  |        |
| July - - - -  |  |  |      | .75   | .30   | 2.94  | 3.19  | 5.29  | 2.10  | .52   |        |
| August - - -  |  |  |      | 3.29  | .72   | 3.48  | 3.26  | 2.06  | 5.00  | 1.81  |        |
| September -   |  |  |      | 4.25  | 2.14  | .38   | 5.15  | 2.57  | 4.31  | 3.78  |        |
| October - - - |  |  |      | 3.83  | 2.30  | 6.57  | 1.48  | 2.35  | 3.75  | 1.92  |        |
| November -    |  |  | #    | .77   | 2.39  | 3.47  | 3.17  | 2.52  | 1.21  | 1.53  | 2.98   |
| December -    |  |  |      | 2.19  | 1.38  | .57   | 1.97  | 3.01  | 2.02  | 5.76  | 3.95   |
| TOTALS -      |  |  |      | 29.34 | 20.89 | 33.01 | 36.85 | 31.66 | 35.30 | 30.67 |        |

c c c c c c c c  
1868 July 12<sup>th</sup> 2.00 in fell in 12 hours



RAINFALL AT IringCholesburyObserver N P Juston

Rain { By.....

Gauge { Diameter 5 in.Height above Ground, 4 ft. 2 in.Above Mean Sea Level 600 ft.?Bucks 4/ Thames - Colne.

| YEAR.....      |  |  |  |  |  |  |  | 1867  | 1868  | 1869  | MEANS. |
|----------------|--|--|--|--|--|--|--|-------|-------|-------|--------|
| January.....   |  |  |  |  |  |  |  |       | 3.40  | 4.78  |        |
| February.....  |  |  |  |  |  |  |  | #1.62 | 2.45  | 2.85  |        |
| March.....     |  |  |  |  |  |  |  | 4.39  | .87   | 1.24  |        |
| April.....     |  |  |  |  |  |  |  | 2.90  | 1.85  | 1.47  |        |
| May.....       |  |  |  |  |  |  |  | 1.42  | 1.00  | 3.65  |        |
| June.....      |  |  |  |  |  |  |  | 1.25  | .15   | 1.60  |        |
| July.....      |  |  |  |  |  |  |  | 4.53  | .25   | .44   |        |
| August.....    |  |  |  |  |  |  |  | 1.81  | 3.27  | 1.73  |        |
| September..... |  |  |  |  |  |  |  | 2.2   | 4.58  | 3.62  |        |
| October.....   |  |  |  |  |  |  |  | 2.35  | 2.62  | 1.59  |        |
| November.....  |  |  |  |  |  |  |  | .67   | 1.62  | 2.73  |        |
| December.....  |  |  |  |  |  |  |  | 1.79  | 7.92  | 3.43  |        |
| TOTALS.....    |  |  |  |  |  |  |  | 24.75 | 31.98 | 29.13 |        |

Gauge in centre of Kitchen garden quite clear of obstruction  
 Cholesbury in on the Chellam Hills about 4 miles SW  
 of Iring Station & about 3 miles from the edge of the  
 precipitous chalk line of hills overlooking the Vale of  
 Aylesbury, I estimate Cholesbury to be about 600 ft + 12  
 it may be more but certainly not less

N P Juston

1867 - I think the fall in January cannot be included







# Rainfall at Newport Pagnell

60

R. Littleboy

2 ft 67

Diameter of Gauge, ..... 5 ..... in.

Height above Ground, 30. ft. .... in.

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

Bucks 5/ Ouse.

| YEAR - -      | 1864            | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|---------------|-----------------|-------|-------|-------|-------|-------|--------|
| January - -   |                 | .94   | 1.97  | 2.27  | 2.72  | 3.39  |        |
| February - -  |                 | 3.36  | 1.95  | 1.47  | .61   | 2.15  |        |
| March - - -   |                 | .44   | 1.12  | 2.32  | 2.70  | 1.11  |        |
| April - - -   |                 | .79   | 1.62  | 2.22  | 1.07  | 1.67  |        |
| May - - - -   |                 | .71   | 1.19  | 4.20  | 2.01  | 3.57  |        |
| June - - - -  |                 | 2.65  | 2.29  | 1.65  | 1.09  | 1.72  |        |
| July - - - -  | # .33           | 2.05  | 1.80  | 3.96  | .25   | .45   |        |
| August - - -  | .33             | 4.40  | 6.20  | 2.25  | 2.73  | .77   |        |
| September -   | 1.87            | .62   | 3.30  | 1.14  | 2.87  | 2.24  |        |
| October - - - | 1.70            | 4.22  | 1.48  | 1.90  | 3.12  | 1.62  |        |
| November -    | 2.21            | 1.55  | 1.53  | nil   | 1.09  | 1.94  |        |
| December -    | .37             | .88   | 2.28  | 2.09  | 4.38  | 4.06  |        |
| TOTALS -      | <del>6.81</del> | 22.61 | 26.73 | 25.47 | 24.64 | 24.69 |        |

On roof sheltered by a chimney

1866 Aug 28 = 3.34

1867 supposed to be in new position



Rainfall at *Henley-on-Thames*

Thos. F. A. Byles.

3. Thames. Soddon &amp;c.,

Diameter of Gauge, .... 5 ..... in.

Height above Ground, ... 1 ... ft. .... in.

Above Mean Sea Level, ... 83 ..... ft.

Knight

| YEAR - -     | 1860 | 1861 | 1862 | 1863 | 1864   | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|--------------|------|------|------|------|--------|-------|-------|-------|-------|-------|--------|
| January - -  |      |      |      |      | # 1.02 | 3.26  | 4.37  | 3.14  | 3.75  | 3.96  |        |
| February - - |      |      |      |      | 1.27   | 1.96  | 3.93  | 1.55  | 1.44  | 2.44  |        |
| March - - -  |      |      |      |      | 2.83   | 1.16  | 1.54  | 2.76  | 1.95  | 1.64  |        |
| April - - -  |      |      |      |      | 1.98   | .85   | 1.61  | 2.15  | 2.11  | 1.73  |        |
| May - - - -  |      |      |      |      | 2.76   | 1.92  | 1.88  | 2.06  | .59   | 3.39  |        |
| June - - - - |      |      |      |      | .80    | 2.77  | 3.44  | 1.73  | .43   | 1.47  |        |
| July - - - - |      |      |      |      | .54    | 2.02  | 1.28  | 3.43  | 1.90  | .48   |        |
| August - - - |      |      |      |      | .55    | 2.77  | 2.04  | 1.68  | 3.71  | 1.58  |        |
| September -  |      |      |      |      | 1.83   | .25   | 4.22  | 2.52  | 4.11  | 3.63  |        |
| October - -  |      |      |      |      | 1.19   | 6.02  | 1.31  | 2.57  | 2.96  | 1.07  |        |
| November -   |      |      |      |      | 2.42   | 2.38  | 1.53  | .95   | 1.52  | 3.02  |        |
| December -   |      |      |      |      | .56    | 1.86  | 2.18  | 1.82  | 5.61  | 3.64  |        |
| TOTALS -     |      |      |      |      | 17.75  | 27.22 | 29.33 | 26.36 | 30.08 | 28.05 |        |

1868 No rain between 25<sup>th</sup> of May & 21<sup>st</sup> of June. 27<sup>th</sup> Sept.  
 Thunderstorm Henley Church struck



# RAINFALL AT *Henley on Thames*

60

*J W J Hopkins*  
*Observer A Hammsley*

*Maffield Rectory 4 m from Wallingford*  
*and on the same level*

Rain { By *Basella*  
Gauge { *6 68*  
Diameter.....*5*.....in.

Height above Ground, *4* ft. .... in.

Above Mean Sea Level, *75.7* ft.

*69.8 - 68*

| YEAR .....     |  |  |  |  |  |  |  | <i>1867</i>   | <i>1868</i>  | <i>1869</i>  | MEANS. |
|----------------|--|--|--|--|--|--|--|---------------|--------------|--------------|--------|
| January .....  |  |  |  |  |  |  |  | <i># 2.81</i> | <i>3.55</i>  | <i>3.27</i>  |        |
| February ..... |  |  |  |  |  |  |  | <i>1.70</i>   | <i>1.58</i>  | <i>1.72</i>  |        |
| March .....    |  |  |  |  |  |  |  | <i>1.93</i>   | <i>1.73</i>  | <i>1.17</i>  |        |
| April .....    |  |  |  |  |  |  |  | <i>2.41</i>   | <i>1.64</i>  | <i>1.47</i>  |        |
| May .....      |  |  |  |  |  |  |  | <i>2.32</i>   | <i>.55</i>   | <i>2.95</i>  |        |
| June .....     |  |  |  |  |  |  |  | <i>1.67</i>   | <i>.99</i>   | <i>2.34</i>  |        |
| July .....     |  |  |  |  |  |  |  | <i>3.15</i>   | <i>1.29</i>  | <i>.28</i>   |        |
| August .....   |  |  |  |  |  |  |  | <i>2.11</i>   | <i>3.36</i>  | <i>1.80</i>  |        |
| September ...  |  |  |  |  |  |  |  | <i>1.56</i>   | <i>4.52</i>  | <i>4.05</i>  |        |
| October .....  |  |  |  |  |  |  |  | <i>2.25</i>   | <i>2.88</i>  | <i>1.62</i>  |        |
| November ...   |  |  |  |  |  |  |  | <i>.78</i>    | <i>1.38</i>  | <i>2.50</i>  |        |
| December ..... |  |  |  |  |  |  |  | <i>1.62</i>   | <i>4.10</i>  | <i>2.18</i>  |        |
| TOTALS .....   |  |  |  |  |  |  |  | <i>24.31</i>  | <i>27.57</i> | <i>25.43</i> |        |

*C C C*



# RAINFALL AT *Kenley on Thames*

*Sydneycombe House*

Observer.....

Rain { By.....

Gauge { Diameter.....*5*.....in.

Height above Ground,.....ft.....*4*.....in.

Above Mean Sea Level.....*500*.....ft.

| YEAR.....      |  |  |  |  |  |  |  |  |  |              | MEANS. |
|----------------|--|--|--|--|--|--|--|--|--|--------------|--------|
|                |  |  |  |  |  |  |  |  |  | <i>1869</i>  |        |
| January.....   |  |  |  |  |  |  |  |  |  | <i>4.18</i>  |        |
| February ..... |  |  |  |  |  |  |  |  |  | <i>1.69</i>  |        |
| March .....    |  |  |  |  |  |  |  |  |  | <i>1.44</i>  |        |
| April.....     |  |  |  |  |  |  |  |  |  | <i>1.85</i>  |        |
| May .....      |  |  |  |  |  |  |  |  |  | <i>2.92</i>  |        |
| June.....      |  |  |  |  |  |  |  |  |  | <i>1.78</i>  |        |
| July .....     |  |  |  |  |  |  |  |  |  | <i>.48</i>   |        |
| August.....    |  |  |  |  |  |  |  |  |  | <i>1.33</i>  |        |
| September..... |  |  |  |  |  |  |  |  |  | <i>3.22</i>  |        |
| October .....  |  |  |  |  |  |  |  |  |  | <i>1.31</i>  |        |
| November.....  |  |  |  |  |  |  |  |  |  | <i>2.86</i>  |        |
| December.....  |  |  |  |  |  |  |  |  |  | <i>3.90</i>  |        |
| TOTALS .....   |  |  |  |  |  |  |  |  |  | <i>26.96</i> |        |

*C*

*G. quite open in pleasure grounds*



RAINFALL AT Aston Newent HomeDonObserver Thos. Taylor

Rain { By .....

Gauge { Diameter 8 in.Height above Ground, 1 ft. in.Above Mean Sea Level 405 ft.

| YEAR.....      |  |  |  |  |  |  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|----------------|--|--|--|--|--|--|-------|-------|-------|-------|--------|
| January.....   |  |  |  |  |  |  | 4.05  | 2.41  | 3.40  | 3.30  |        |
| February ..... |  |  |  |  |  |  | 4.02  | 2.01  | 1.90  | 2.75  |        |
| March .....    |  |  |  |  |  |  | 2.80  | 2.26  | 1.82  | 1.13  |        |
| April.....     |  |  |  |  |  |  | 1.85  | 2.75  | 1.46  | 1.10  |        |
| May .....      |  |  |  |  |  |  | 1.80  | 2.30  | .80   | 2.25  |        |
| June.....      |  |  |  |  |  |  | 2.50  | 1.81  | .92   | .51   |        |
| July .....     |  |  |  |  |  |  | 1.60  | 3.35  | 1.75  | .65   |        |
| August.....    |  |  |  |  |  |  | 3.41  | 2.26  | 5.50  | 1.61  |        |
| September..... |  |  |  |  |  |  | 6.35  | 1.85  | 4.40  | 2.05  |        |
| October.....   |  |  |  |  |  |  | 1.75  | .61   | 3.25  | 1.52  |        |
| November.....  |  |  |  |  |  |  | 1.71  | .10   | 1.90  | 1.20  |        |
| December.....  |  |  |  |  |  |  | 2.35  | 3.85  | 6.75  | 2.35  |        |
| TOTALS .....   |  |  |  |  |  |  | 34.19 | 25.56 | 33.85 | 20.42 |        |

Gauge on lawn on the south side of the house which is 33 feet distant, no trees nearer

1869 This year has been the driest for many years past. Wells have been dry in this neighborhood that I have never known dry before.

Records are probably small (Oxford Map.).



## Rose Hill Oxford

Brook of Shelter

Map No. 101

Stream 10 in + ground 7.9" + Sea Level 270 ft

| YEAR - -     | 1860  | 1861  | 1862 | 1863 | 1864 |  |  |  |  |  | MEANS. |
|--------------|-------|-------|------|------|------|--|--|--|--|--|--------|
| January - -  | 2.89  | .64   |      |      |      |  |  |  |  |  |        |
| February - - | 1.17  | 1.19  |      |      |      |  |  |  |  |  |        |
| March - - -  | 1.81  | 1.53  |      |      |      |  |  |  |  |  |        |
| April - - -  | .74   | .98   |      |      |      |  |  |  |  |  |        |
| May - - - -  | 3.45  | 1.23  |      |      |      |  |  |  |  |  |        |
| June - - - - | 4.86  | 2.65  |      |      |      |  |  |  |  |  |        |
| July - - - - | 1.60  | 6.64  |      |      |      |  |  |  |  |  |        |
| August - - - | 2.37  | 1.04  |      |      |      |  |  |  |  |  |        |
| September -  | 1.03  | 2.53  |      |      |      |  |  |  |  |  |        |
| October - -  | .78   | 1.97  |      |      |      |  |  |  |  |  |        |
| November -   | 2.31  | 4.23  |      |      |      |  |  |  |  |  |        |
| December -   | 1.58  | 2.17  | 2    |      |      |  |  |  |  |  |        |
| TOTALS -     | 25.39 | 26.80 |      |      |      |  |  |  |  |  |        |

2 91  
 11

Hyd Sta. No. 10 - 259791

NGR: SP(42) 539038

alt. 82m







Radcliffe ~~Obs~~ Launs

Oxford

Rev. R. Main

8 in

210 625

10

+ Ground 0.

+ Sea Level 208 66

| YEAR - -       | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS.   |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| January - -    | 3.27  | .66   | 2.45  | 3.18  | .97   | 3.05  | 2.87  | 2.58  | 3.12  | 3.77  | 2.592    |
| February - -   | 1.28  | 1.90  | .28   | .68   | 1.44  | 1.87  | 2.88  | 1.53  | 1.65  | 2.17  | 1.568    |
| March - - -    | 1.89  | 1.68  | 5.46  | .67   | 2.47  | .97   | 1.66  | 2.88  | 1.50  | 1.30  | 2.048    |
| April - - - -  | .58   | .69   | 2.28  | 1.41  | 1.63  | .91   | 2.04  | 2.60  | 1.54  | 1.16  | 1.484    |
| May - - - - -  | 2.78  | 1.36  | 3.75  | .94   | 2.15  | 2.19  | 1.66  | 2.50  | .59   | 2.95  | 2.087    |
| June - - - - - | 5.10  | 3.12  | 2.24  | 3.41  | 1.01  | 3.52  | 3.20  | 1.93  | .93   | 1.40  | 2.586    |
| July - - - - - | 2.38  | 5.15  | 1.75  | .66   | .47   | 2.80  | 2.03  | 3.91  | 1.87  | 1.06  | 2.209    |
| August - - -   | 3.79  | .60   | 1.75  | 2.65  | .79   | 3.09  | 2.95  | 2.39  | 3.34  | 1.31  | 2.266    |
| September -    | 2.52  | 1.94  | 2.15  | 2.72  | 2.94  | .18   | 5.66  | 1.62  | 3.99  | 4.41  | 2.813 +  |
| October - - -  | 1.57  | 1.58  | 2.89  | 2.96  | 1.56  | 5.41  | 2.10  | 2.81  | 2.24  | 1.10  | 2.422    |
| November -     | 3.23  | 3.07  | .99   | 2.01  | 2.32  | 2.58  | 1.54  | .95   | 1.18  | 2.41  | 2.028    |
| December -     | 2.62  | 1.65  | 1.43  | 1.08  | .51   | 1.96  | 2.03  | 1.43  | 4.12  | 3.43  | 2.026    |
| TOTALS -       | 31.01 | 23.40 | 27.42 | 22.37 | 18.26 | 28.53 | 30.62 | 27.13 | 26.07 | 26.47 | 26.129 8 |

+ C C C C C C C C C C

Nyx Sta. No. 10 - 256225

NGR: SP(42) 509072

alt. 63m



RAINFALL AT Oxford

*T H I Hopkins*

*Magdalens College*

Rain { By .....  
Gauge { .....  
Diameter.....5.....in.

Height above Ground, 1.3 ft. 9 in.

Above Mean Sea Level, 250 ft.

| YEAR .....     |  |  |  |  |  |  |  | 1867   | 1868 | 1869 | MEANS. |
|----------------|--|--|--|--|--|--|--|--------|------|------|--------|
| January .....  |  |  |  |  |  |  |  | # 2.51 |      |      |        |
| February ..... |  |  |  |  |  |  |  | 1.39   |      |      |        |
| March .....    |  |  |  |  |  |  |  | 1.77   |      |      |        |
| April .....    |  |  |  |  |  |  |  | 2.15   |      |      |        |
| May .....      |  |  |  |  |  |  |  | 2.19   |      |      |        |
| June .....     |  |  |  |  |  |  |  | 1.73   |      |      |        |
| July .....     |  |  |  |  |  |  |  | 3.11   |      |      |        |
| August .....   |  |  |  |  |  |  |  | 2.05   |      |      |        |
| September ...  |  |  |  |  |  |  |  | 1.16   |      |      |        |
| October .....  |  |  |  |  |  |  |  | 2.56   |      |      |        |
| November ...   |  |  |  |  |  |  |  | .80    |      |      |        |
| December ..... |  |  |  |  |  |  |  | 1.29   | #    |      |        |
| TOTALS .....   |  |  |  |  |  |  |  | 22.71  |      |      |        |

*Both these are doubtful being on the top of the building this gauge rather shielded by Chimney Stacks*



RAINFALL AT Oxford

*J & J Hopkins*

*Magdalen*

*Monthly*

Rain { By .....  
Gauge { Diameter.....*5*.....in.

Height above Ground, *5.2* ft. .... in.

Above Mean Sea Level, *244* ft.

| YEAR .....     |  |  |  |  |  |  |  | 1867             | 1868     | 1869 | MEANS. |
|----------------|--|--|--|--|--|--|--|------------------|----------|------|--------|
| January .....  |  |  |  |  |  |  |  | <i>#</i><br>2.20 |          |      |        |
| February ..... |  |  |  |  |  |  |  | 1.08             |          |      |        |
| March .....    |  |  |  |  |  |  |  | 2.18             |          |      |        |
| April .....    |  |  |  |  |  |  |  | 1.72             |          |      |        |
| May .....      |  |  |  |  |  |  |  | 2.29             |          |      |        |
| June .....     |  |  |  |  |  |  |  | 1.61             |          |      |        |
| July .....     |  |  |  |  |  |  |  | 3.04             |          |      |        |
| August .....   |  |  |  |  |  |  |  | 1.95             |          |      |        |
| September ...  |  |  |  |  |  |  |  | 1.10             |          |      |        |
| October .....  |  |  |  |  |  |  |  | 2.29             |          |      |        |
| November ...   |  |  |  |  |  |  |  | .64              |          |      |        |
| December ..... |  |  |  |  |  |  |  | 1.07             | <i>#</i> |      |        |
| TOTALS .....   |  |  |  |  |  |  |  | 21.17            |          |      |        |

*C*







Rainfall at Radford, Enstone, Oron.

Rev. E. W. Winter

Diameter of Gauge, ..... in.      Height above Ground, ..... ft. 6 in.      Above Mean Sea Level, 270.?, ft.

| YEAR - -     | 1860 | 1861 | 1862 | 1863 | 1864  | 1865 | 1866 | 1867 | 1868 | 1869 | MEANS. |
|--------------|------|------|------|------|-------|------|------|------|------|------|--------|
| January - -  |      |      |      |      | 1.26  | 4.00 |      |      |      |      |        |
| February - - |      |      |      |      | 1.96  | 2.62 |      |      |      |      |        |
| March - - -  |      |      |      |      | 2.63  | 1.01 |      |      |      |      |        |
| April - - -  |      |      |      |      | 1.14  | 1.38 |      |      |      |      |        |
| May - - - -  |      |      |      |      | 1.94  | 2.19 |      |      |      |      |        |
| June - - - - |      |      |      |      | 1.43  | 3.10 |      |      |      |      |        |
| July - - - - |      |      |      |      | .81   |      |      |      |      |      |        |
| August - - - |      |      |      |      | .70   |      |      |      |      |      |        |
| September -  |      |      |      |      | 2.49  |      |      |      |      |      |        |
| October - -  |      |      |      | #    | 2.92  | 2.07 |      |      |      |      |        |
| November -   |      |      |      |      | 1.29  | 3.46 |      |      |      |      |        |
| December -   |      |      |      |      | 1.35  | 1.87 |      |      |      |      |        |
| TOTALS -     |      |      |      |      | 21.76 |      |      |      |      |      |        |

C C C



Bicester

CL 60

Oxon

Wm Johnson

Winds Return No 74

Diam 10 in + growing 4 ft + Sea level 220 ft

| YEAR - -      | 1860 | 1861 | 1862 | 1863 | 1864 |  |  |  |  |  | MEANS. |
|---------------|------|------|------|------|------|--|--|--|--|--|--------|
| January - -   | 2.54 |      |      |      |      |  |  |  |  |  |        |
| February - -  | 1.15 |      |      |      |      |  |  |  |  |  |        |
| March - - -   | 1.34 |      |      |      |      |  |  |  |  |  |        |
| April - - -   | .87  |      |      |      |      |  |  |  |  |  |        |
| May - - - -   | 2.68 |      |      |      |      |  |  |  |  |  |        |
| June - - - -  | 3.84 |      |      |      |      |  |  |  |  |  |        |
| July - - - -  | 1.14 |      |      |      |      |  |  |  |  |  |        |
| August - - -  | 3.27 |      |      |      |      |  |  |  |  |  |        |
| September -   | 2.89 |      |      |      |      |  |  |  |  |  |        |
| October - - - | 1.28 |      |      |      |      |  |  |  |  |  |        |
| November -    | X #  |      |      |      |      |  |  |  |  |  |        |
| December -    |      |      |      |      |      |  |  |  |  |  |        |
| TOTALS -      |      |      |      |      |      |  |  |  |  |  |        |

X Gown to Banbury



Rainfall at *Stratton Andley*  
*3 1/2 NE of Bicester*  
*George Glen Esq.*

Diameter of Gauge, ....*5*..... in.

Height above Ground, *3*... ft. .... in.

Above Mean Sea Level, *295*... ft.

| YEAR - -     | 1860 | 1861 | 1862 | 1863 | 1864 | 1865              | 1866  | 1867  | 1868  | 1869  | MEANS. |
|--------------|------|------|------|------|------|-------------------|-------|-------|-------|-------|--------|
| January - -  |      |      |      |      |      | <sup>4</sup> 2.76 | 2.90  | 2.50  | 2.57  | 3.91  |        |
| February - - |      |      |      |      |      | 2.97              | 1.87  | 1.48  | 1.61  | 2.38  |        |
| March - - -  |      |      |      |      |      | .70               | 1.23  | 2.26  | 1.71  | 1.19  |        |
| April - - -  |      |      |      |      |      | 1.20              | 2.41  | 1.96  | 1.18  | 1.37  |        |
| May - - - -  |      |      |      |      |      | 1.76              | 2.14  | 2.93  | .54   | 4.14  |        |
| June - - - - |      |      |      |      |      | 2.91              | 2.47  | 1.79  | .61   | 1.82  |        |
| July - - - - |      |      |      |      |      | 4.08              | 1.44  | 3.38  | .77   | .56   |        |
| August - - - |      |      |      |      |      | 2.92              | 3.22  | 2.22  | 2.43  | 1.25  |        |
| September -  |      |      |      |      |      | .17               | 5.65  | 1.52  | 4.29  | 2.76  |        |
| October - -  |      |      |      |      |      | 4.28              | 2.46  | 2.13  | 2.20  | 1.11  |        |
| November -   |      |      |      |      |      | 1.84              | 1.75  | .73   | 1.40  | 2.15  |        |
| December -   |      |      |      |      |      | 1.67              | 2.16  | 1.27  | 4.44  | 3.91  |        |
| TOTALS -     |      |      |      |      |      | 27.26             | 29.70 | 24.17 | 23.75 | 26.53 |        |

*350 on Terrace which would be the same height as the gauge*

*1869 Jan 29 Thunder rains D.S. 21" a fall of snow at night 3 to 4 inches deep.*



RAINFALL AT KinghamJohn W Lockwood

3-6 68 69

Rain { By M & ZGauge { Diameter 5 in.Height above Ground, 5 ft. .... in.Above Mean Sea Level, 442 ft.

| YEAR.....      | 1865 | 1866  | 1867  | 1868  | 1869  | MEANS. |
|----------------|------|-------|-------|-------|-------|--------|
| January .....  |      | 3.78  | 3.32  | 3.43  | 4.60  |        |
| February ..... | 1.01 | 2.90  | 1.47  | 1.98  | 2.24  |        |
| March .....    | 1.05 | 2.10  | 2.77  | 1.87  | 1.58  |        |
| April .....    | 1.00 | 1.91  | 2.17  | 1.36  | 1.66  |        |
| May .....      | 1.56 | 1.57  | 3.35  | 1.22  | 3.55  |        |
| June.....      | 1.21 | 1.97  | 2.62  | .29   | 1.56  |        |
| July .....     | 4.98 | 1.79  | 2.93  | 1.20  | .29   |        |
| August.....    | 2.50 | 3.52  | 2.38  | 3.88  | 1.19  |        |
| September ...  | .05  | 6.10  | 1.57  | 3.41  | 4.57  |        |
| October.....   | 5.52 | 1.74  | 2.61  | 1.23  | 1.57  |        |
| November.....  | 3.03 | 2.08  | .86   | 2.08  | 2.37  |        |
| December.....  | 2.16 | 1.67  | 1.49  | 5.60  | 4.44  |        |
| TOTALS .....   |      | 31.13 | 27.54 | 27.55 | 29.62 |        |

c c c c c



# RAINFALL AT

*Upper 69*  
*Heyford Warren*

60

*6 B Mount*

Rain { By .....  
Gauge { Diameter.....*8  $\frac{3}{4}$* .....in.

Height above Ground, *1*... ft. *1*... in.

Above Mean Sea Level, *300*... ft.

| YEAR .....     | 1860 | 1861 | 1862 | 1863 | 1864 | 1865                 | 1866  | 1867  | 1868  | 1869 | MEANS. |
|----------------|------|------|------|------|------|----------------------|-------|-------|-------|------|--------|
| January .....  |      |      |      |      |      |                      | 3.53  | 2.78  | 3.52  | 3.89 |        |
| February ..... |      |      |      |      |      |                      | 2.38  | 1.40  | 2.27  | 2.59 |        |
| March .....    |      |      |      |      |      |                      | 1.29  | 2.88  | 1.82  | 1.52 |        |
| April .....    |      |      |      |      |      | <del>1</del> 1.23    | 2.17  | 2.36  | 1.82  | 1.34 |        |
| May .....      |      |      |      |      |      | 1.52                 | 1.85  | 2.47  | 1.49  | 3.58 |        |
| June .....     |      |      |      |      |      | 3.22                 | 3.22  | 1.85  | .56   | 1.35 |        |
| July .....     |      |      |      |      |      | 3.81                 | 2.01  | 2.25  | .83   | .91  |        |
| August .....   |      |      |      |      |      | 3.56                 | 2.73  | 2.40  | 3.05  | .83  |        |
| September ...  |      |      |      |      |      | .17                  | 4.77  | 1.39  | 4.44  | 3.80 |        |
| October .....  |      |      |      |      |      | 4.90                 | 2.55  | 2.56  | 2.25  | 1.01 |        |
| November ...   |      |      |      |      |      | 2.47                 | 1.89  | .84   | 1.76  | 2.04 |        |
| December ..... |      |      |      |      |      | 2.40                 | 2.05  | 1.35  | 5.15  | 3.79 |        |
| TOTALS .....   |      |      |      |      |      | <del>5.5</del> 30.44 | 24.53 | 28.96 | 26.65 |      |        |

*c c c c c*

*12 m from Oxford & 1½ from Heyford a station on the Oxford & Birmingham Railway*



RAINFALL AT Banbury (Silford)

R. L. Routh

Friends School  
Silford is 7 miles from Banbury

607 69

Rain { By .....

Gauge { Diameter 5 in.Height above Ground, 1 ft. 1 in.Above Mean Sea Level, 250 ft.

| YEAR.....      |  |  |  |  |  | 1865   | 1866  | 1867 | 1868 | 1869  | MEANS. |
|----------------|--|--|--|--|--|--------|-------|------|------|-------|--------|
| January .....  |  |  |  |  |  | # 3.25 | 2.88  | 3.50 | 2.17 | 4.13  |        |
| February ..... |  |  |  |  |  | 2.60   | 2.70  | 1.75 | 1.99 | 2.56  |        |
| March .....    |  |  |  |  |  |        | 1.65  | 4.94 | 1.99 | 2.19  |        |
| April .....    |  |  |  |  |  | .83    | 1.68  | 2.43 | 1.59 | 1.51  |        |
| May .....      |  |  |  |  |  |        | 2.25  | 3.01 |      | 3.68  |        |
| June .....     |  |  |  |  |  |        | 2.13  | 3.28 |      | 1.40  |        |
| July .....     |  |  |  |  |  | 2.92   | 2.85  | 2.31 |      | 0.00  |        |
| August .....   |  |  |  |  |  | 3.67   | 3.87  |      |      | 1.13  |        |
| September ...  |  |  |  |  |  | .16    | 4.97  | 1.67 |      | 3.90  |        |
| October .....  |  |  |  |  |  | 5.06   | 1.51  | 1.91 |      | 1.58  |        |
| November ..... |  |  |  |  |  | 2.95   | 1.78  | .89  | 2.09 | 2.45  |        |
| December ..... |  |  |  |  |  | 2.06   | 1.96  | 2.10 | 5.74 | 3.85  |        |
| TOTALS .....   |  |  |  |  |  |        | 30.23 |      |      | 28.38 |        |

C C C C C

Average about 27 in

1868 On open space with only one small tree about 20 ft. from it, as the ground slopes considerable slight mistakes may occur from the gauge not being always quite level / Weather - Summer observations in 1868 doubtful







Banbury (Parsons' 55)

Jos Jarvis

Ms. Rut No-19

Diam 10 in + ground <sup>ft</sup> 4.9-63 + Sea Level 340 ft

| YEAR - -      | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - -   | 3.53  | .50   | 2.26  | 2.66  | .91   | 3.04  | 2.66  | 3.36  | 2.89  | 4.22  | 2.603  |
| February - -  | 1.29  | 2.71  | .25   | .60   | 1.53  | 2.08  | 2.40  | 1.21  | 2.13  | 2.10  | 1.630  |
| March - - -   | 2.08  | 2.34  | 3.99  | .73   | 3.07  | .94   | 1.35  | 4.57  | 1.90  | 1.54  | 2.251  |
| April - - -   | .70   | 1.30  | 1.82  | .98   | 1.18  | .73   | 1.52  | 2.27  | 1.50  | 1.32  | 1.332  |
| May - - - -   | 3.37  | 1.62  | 3.24  | .75   | 2.42  | 1.51  | 1.20  | 2.97  | .78   | 4.23  | 2.209  |
| June - - - -  | 4.33  | 2.03  | 3.08  | 4.50  | 1.27  | 3.48  | 2.38  | 1.75  | .41   | 1.60  | 2.483  |
| July - - - -  | 1.52  | 3.26  | 2.20  | .53   | .80   | 4.12  | 1.92  | 2.39  | .49   | .29   | 1.752  |
| August - - -  | 3.91  | .37   | 1.55  | 2.22  | .63   | 3.21  | 3.55  | 2.68  | 3.23  | .87   | 2.222  |
| September -   | 3.47  | 2.43  | 3.08  | 2.22  | 1.99  | .29   | 5.52  | 1.68  | 2.78  | 3.64  | 2.710  |
| October - - - | 1.92  | 1.28  | 2.68  | 2.31  | 2.41  | 4.56  | 2.15  | 2.98  | 2.49  | 1.20  | 2.368  |
| November - -  | 2.82  | 2.74  | .66   | 2.41  | 2.55  | 2.60  | 1.72  | .53   | 2.05  | 2.34  | 2.042  |
| December - -  | 2.62  | 1.51  | 1.46  | 1.05  | 4.33  | 2.01  | 1.90  | 1.73  | 5.37  | 4.21  | 2.319  |
| TOTALS -      | 31.56 | 22.09 | 26.27 | 20.96 | 19.79 | 28.57 | 28.27 | 28.12 | 26.02 | 27.56 | 25.921 |

x e s c c c c c c c

g believed to be in a small yard



# Banbury (High St)

T. Beesley F.C.S

Imp Det N<sup>o</sup> 7

7 ft 63 68

845 63

Dian: 6 in + ground 7.4 Above Sea Level 350 feet 68

| YEAR - -     | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS.  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| January - -  | 3.53  | .53   | 2.32  | 2.73  | .94   | 2.51  | 2.57  | 3.03  | 2.75  | 4.31  | 2.522   |
| February - - | 1.29  | 2.68  | .28   | .52   | 1.44  | 2.35  | 2.30  | 1.31  | 2.13  | 2.20  | 1.650 - |
| March - - -  | 2.08  | 2.27  | 4.22  | .69   | 2.95  | 1.02  | 1.33  | 3.17  | 1.90  | 1.54  | 2.117   |
| April - - -  | .69   | 1.21  | 1.88  | 1.04  | 1.37  | .78   | 1.52  | 2.31  | 1.58  | 1.33  | 1.371   |
| May - - - -  | 3.54  | 1.62  | 3.31  | .84   | 2.51  | 1.50  | 2.17  | 3.02  | .88   | 4.47  | 2.386   |
| June - - - - | 4.36  | 2.15  | 3.32  | 4.64  | 1.50  | 3.69  | 2.46  | 1.80  | .46   | 1.64  | 2.602   |
| July - - - - | 1.68  | 3.36  | 2.29  | .52   | .88   | 3.66  | 2.08  | 2.17  | .49   | .35   | 1.748   |
| August - - - | 4.14  | .43   | 1.52  | 2.21  | .67   | 3.79  | 3.52  | 2.75  | 3.64  | .91   | 2.358   |
| September -  | 3.40  | 2.51  | 3.37  | 2.57  | 2.06  | .29   | 5.63  | 1.79  | 3.05  | 3.87  | 2.854 + |
| October - -  | 1.89  | 1.32  | 2.73  | 1.98  | 2.10  | 4.56  | 2.06  | 2.94  | 2.36  | 1.24  | 2.318   |
| November -   | 2.71  | 2.73  | .74   | 2.38  | 2.10  | 2.52  | 1.71  | .57   | 2.07  | 2.34  | 1.987   |
| December -   | 2.61  | 1.53  | 1.53  | 1.03  | 1.70  | 1.62  | 1.88  | 1.56  | 5.34  | 4.29  | 2.309   |
| TOTALS -     | 31.92 | 22.34 | 27.51 | 21.15 | 20.22 | 28.29 | 29.23 | 26.42 | 26.65 | 28.49 | 26.222  |

+ c & c c c c c c c c

g in small yard



Bairbury

100 yds from Mr. Jarvis

Wm Johnson F.R.S. M.B.S.

Elliots g. on lawn 10 in + ground 4 ft + Sea Level

| YEAR - -     | 1860             | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867 | 1868 | 1869 | MEANS. |
|--------------|------------------|-------|-------|-------|-------|-------|-------|------|------|------|--------|
| January - -  |                  | .54   | 1.66  | 2.64  | .88   | 3.02  | 2.60  |      |      |      |        |
| February - - |                  | 2.75  | .17   | .21   | 1.07  | 3.39  | 2.44  |      |      |      |        |
| March - - -  |                  | 1.94  | 3.62  | .60   | 2.98  | .90   | 1.13  |      |      |      |        |
| April - - -  |                  | 1.37  | 1.70  | .94   | 1.06  | .75   | 1.37  |      |      |      |        |
| May - - - -  |                  | 1.40  | 3.06  | .74   | 2.12  | 1.36  | .86   |      |      |      |        |
| June - - - - |                  | 2.00  | 2.92  | 4.45  | 1.37  | 3.35  | 3.47  |      |      |      |        |
| July - - - - |                  | 3.25  | 2.05  | .51   | .75   | 3.45  | 1.93  |      |      |      |        |
| August - - - |                  | .57   | 1.41  | 1.92  | .62   | 3.45  | 3.56  |      |      |      |        |
| September -  |                  | 2.48  | 2.83  | 2.19  | 1.90  | .22   | 4.64  |      |      |      |        |
| October - -  | from Birnston 99 | 2.56  | 2.11  | 2.13  | 5.15  | 2.12  |       |      |      |      |        |
| November -   | 2.20             | 2.83  | .39   | 2.40  | 2.09  | 2.54  | 1.61  |      |      |      |        |
| December -   | 2.15             | 1.22  | 1.28  | .88   | 1.74  | 1.70  | 1.95# |      |      |      |        |
| TOTALS -     |                  | 21.34 | 23.65 | 19.59 | 18.71 | 29.28 | 27.68 |      |      |      |        |

C C C C C C C

Bairbury



RAINFALL AT Bambury Keithrop.J Francillon Esq. Collector  $\frac{3}{4}$  m N of Bambury High St

340 68

Rain { By R & ZGauge { Diameter 5 in.Height above Ground, ..... ft. 1 in.Above Mean Sea Level, 470 ft. 330 ft.

| YEAR.....      |  |   | 1862              |                      |  |  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|----------------|--|---|-------------------|----------------------|--|--|-------|-------|-------|-------|--------|
| January .....  |  | # | 2.37              |                      |  |  | 2.32  | 2.96  | 2.78  | 4.11  |        |
| February ..... |  |   | .35               |                      |  |  | 1.76  | 1.51  | 1.74  | 2.24  |        |
| March .....    |  |   | 3.84 <sup>x</sup> |                      |  |  | 1.36  | 3.06  | 1.77  | 1.69  |        |
| April .....    |  |   | 1.91              |                      |  |  | 1.57  | 2.25  | 1.64  | 1.41  |        |
| May .....      |  |   | 3.25              |                      |  |  | 2.28  | 3.09  | .90   | 4.44  |        |
| June .....     |  |   | 3.68              |                      |  |  | 3.05  | 1.73  | .59   | 1.51  |        |
| July .....     |  |   | 2.34              | No obs <sup>ns</sup> |  |  | 1.57  | 2.38  | .67   | .40   |        |
| August .....   |  |   | 1.82              |                      |  |  | 3.47  | 2.88  | 3.52  | .81   |        |
| September ...  |  |   | 2.95              |                      |  |  | 5.43  | 1.59  | 2.83  | 3.56  |        |
| October .....  |  |   | 3.94              |                      |  |  | 2.15  | 2.82  | 2.30  | 1.12  |        |
| November ..... |  |   | .71               |                      |  |  | 1.70  | .55   | 1.88  | 2.12  |        |
| December ..... |  |   | 1.60              |                      |  |  | 2.06  | 1.47  | 5.69  | 3.96  |        |
| TOTALS .....   |  |   | 28.76             |                      |  |  | 28.72 | 26.29 | 26.31 | 27.37 |        |
|                |  |   | . C               |                      |  |  | C     | C     | C     | C     |        |

1862 - Observed by T. Beesley same g., and position as Mr. Francillon used afterwards.

+ Heavy snowstorm with wind - much s. blown out of g.



Rainfall at *Brackley* (*Northamptonshire*)

*F. B. Falkner*

Diameter of Gauge, ..... in.      Height above Ground, *1*... ft. .... in.      Above Mean Sea Level, *398*... ft.

| YEAR - -     |  |  |  |  | <i>1864</i> | <i>1865</i> | <i>1866</i> | <i>1867</i> | <i>1868</i> | <i>1869</i> | MEANS. |
|--------------|--|--|--|--|-------------|-------------|-------------|-------------|-------------|-------------|--------|
| January - -  |  |  |  |  | <i>1.44</i> |             |             |             |             |             |        |
| February - - |  |  |  |  | <i>1.50</i> |             |             |             |             |             |        |
| March - - -  |  |  |  |  | <i>3.13</i> |             |             |             |             |             |        |
| April - - -  |  |  |  |  | <i>1.29</i> |             |             |             |             |             |        |
| May - - - -  |  |  |  |  | <i>2.03</i> |             |             |             |             |             |        |
| June . - - - |  |  |  |  | <i>1.29</i> |             |             |             |             |             |        |
| July - - - - |  |  |  |  | <i>.54</i>  |             |             |             |             |             |        |
| August - - - |  |  |  |  | <i>.54</i>  |             |             |             |             |             |        |
| September -  |  |  |  |  | <i>2.70</i> |             |             |             |             |             |        |
| October - -  |  |  |  |  | <i>#</i>    |             |             |             |             |             |        |
| November -   |  |  |  |  |             |             |             |             |             |             |        |
| December -   |  |  |  |  |             |             |             |             |             |             |        |
| TOTALS -     |  |  |  |  |             |             |             |             |             |             |        |

*C*



Grimsbury, Banbury  
 $\frac{1}{3}$  of a mile E of High St  
 for Mr. Bushy

6 in

320 ft

| YEAR - -      |  | 1862   |  |  |  |  |  |  |  | MEANS. |
|---------------|--|--------|--|--|--|--|--|--|--|--------|
| January - -   |  | # 2.41 |  |  |  |  |  |  |  |        |
| February - -  |  | .24    |  |  |  |  |  |  |  |        |
| March - - -   |  | 4.15   |  |  |  |  |  |  |  |        |
| April - - - - |  | 1.81   |  |  |  |  |  |  |  |        |
| May - - - -   |  | 3.11   |  |  |  |  |  |  |  |        |
| June - - - -  |  | 3.25   |  |  |  |  |  |  |  |        |
| July - - - -  |  |        |  |  |  |  |  |  |  |        |
| August - - -  |  | 1.48   |  |  |  |  |  |  |  |        |
| September -   |  | 3.58   |  |  |  |  |  |  |  |        |
| October - -   |  | 2.99   |  |  |  |  |  |  |  |        |
| November -    |  | .90    |  |  |  |  |  |  |  |        |
| December -    |  | 1.51 # |  |  |  |  |  |  |  |        |
| TOTALS -      |  |        |  |  |  |  |  |  |  |        |

12



# RAINFALL AT *Pottersbury* *Stoney Stratford* *Northants*

*R. E. Crawley*

Rain { By .....

Gauge { Diameter.....*5*.....in.

Height above Ground, ..... ft. *4*... in.

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

| YEAR .....     | 1860 | 1861 | 1862 | 1863 | 1864 | 1865          | 1866         | 1867         | 1868         | 1869         | MEANS. |
|----------------|------|------|------|------|------|---------------|--------------|--------------|--------------|--------------|--------|
| January .....  |      |      |      |      |      | <i># 3.11</i> | <i>3.11</i>  | <i>2.36</i>  | <i>3.18</i>  | <i>3.92</i>  |        |
| February ..... |      |      |      |      |      | <i>2.41</i>   | <i>2.83</i>  | <i>1.80</i>  | <i>1.89</i>  | <i>2.40</i>  |        |
| March .....    |      |      |      |      |      | <i>1.10</i>   | <i>1.11</i>  | <i>2.56</i>  | <i>1.80</i>  | <i>1.17</i>  |        |
| April .....    |      |      |      |      |      | <i>.72</i>    | <i>1.94</i>  | <i>2.99</i>  | <i>1.39</i>  | <i>2.03</i>  |        |
| May .....      |      |      |      |      |      | <i>1.33</i>   | <i>1.43</i>  | <i>4.22</i>  | <i>.60</i>   | <i>3.83</i>  |        |
| June.....      |      |      |      |      |      | <i>2.72</i>   | <i>2.13</i>  | <i>1.90</i>  | <i>1.16</i>  | <i>1.49</i>  |        |
| July .....     |      |      |      |      |      | <i>3.37</i>   | <i>1.93</i>  | <i>2.41</i>  | <i>.41</i>   | <i>.78</i>   |        |
| August.....    |      |      |      |      |      | <i>4.42</i>   | <i>4.58</i>  | <i>2.44</i>  | <i>3.37</i>  | <i>.70</i>   |        |
| September ...  |      |      |      |      |      | <i>.50</i>    | <i>5.09</i>  | <i>2.14</i>  | <i>3.43</i>  | <i>2.57</i>  |        |
| October .....  |      |      |      |      |      | <i>4.93</i>   | <i>1.78</i>  | <i>2.23</i>  | <i>2.12</i>  | <i>1.34</i>  |        |
| November ...   |      |      |      |      |      | <i>2.12</i>   | <i>1.72</i>  | <i>.65</i>   | <i>1.37</i>  | <i>2.21</i>  |        |
| December.....  |      |      |      |      |      | <i>1.67</i>   | <i>2.16</i>  | <i>.87</i>   | <i>4.77</i>  | <i>3.83</i>  |        |
| TOTALS.....    |      |      |      |      |      | <i>28.40</i>  | <i>29.81</i> | <i>26.57</i> | <i>25.49</i> | <i>26.27</i> |        |

*g surrounded by turf away from trees with iron  
hurdles to protect it*



RAINFALL AT Louicester Easton Neston

Observer W. I. Clarke

Rain { By.....  
Gauge { .....

Diameter 8 in. Height above Ground, 1 ft. 0 in. Above Mean Sea Level 325 ft.

| YEAR.....      | 1860 | 1861 | 1862 | 1863 | 1864 | 1865 | 1866  | 1867  | 1868  | 1869  | MEANS. |
|----------------|------|------|------|------|------|------|-------|-------|-------|-------|--------|
| January.....   |      |      |      |      |      |      |       | 1.88  | 3.60  | 3.47  |        |
| February ..... |      |      |      |      |      |      | # .50 | 1.57  | 2.00  | 2.53  |        |
| March .....    |      |      |      |      |      |      | 1.50  | 1.93  | 1.90  | 2.50  |        |
| April .....    |      |      |      |      |      |      | 1.58  | 2.88  | 1.43  | 1.83  |        |
| May .....      |      |      |      |      |      |      | .25   | 3.61  | .53   | 4.72  |        |
| June.....      |      |      |      |      |      |      | 3.07  | 1.67  | .54   | 1.56  |        |
| July .....     |      |      |      |      |      |      | 2.28  | 2.86  | .17   | .54   |        |
| August .....   |      |      |      |      |      |      | 4.66  | 2.85  | 3.62  | .80   |        |
| September..... |      |      |      |      |      |      | 5.78  | 1.82  | 4.11  | 2.94  |        |
| October .....  |      |      |      |      |      |      | 1.91  | 1.87  | 2.95  | 1.00  |        |
| November.....  |      |      |      |      |      |      | 1.73  | .16   | 2.16  | 2.24  |        |
| December.....  |      |      |      |      |      |      | 1.95  | 2.61  | 4.94  | 4.05  |        |
| TOTALS .....   |      |      |      |      |      |      |       | 25.71 | 27.95 | 28.18 |        |



Gardley Hastings  
Northamptonshire

R. W. Prichard

Cassella

12 65 86 69

260 69  
265 66

5 in + ground <sup>ft in</sup> 1.3

+ S.I. 180?

| YEAR - -     | 1860 | 1861 | 1862 | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|--------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - -  |      |      | —    | 2.36  | 1.06  | 2.42  | 2.66  | 2.28  | 2.70  | 3.04  |        |
| February - - |      |      | #.29 | .42   | .80   | 2.07  | 2.67  | 1.33  | 1.97  | 2.11  |        |
| March - - -  |      |      | 3.53 | .72   | 3.66  | 1.11  | 1.19  | 3.06  | 1.81  | 1.18  |        |
| April - - -  |      |      | 2.02 | 1.28  | 1.38  | .90   | 1.40  | 2.02  | 1.19  | 1.66  |        |
| May - - -    |      |      | 3.10 | .94   | 1.95  | 1.50  | 1.97  | 3.20  | .83   | 3.79  |        |
| June - - -   |      |      | 2.00 | 2.41  | .88   | 3.19  | 2.31  | 1.71  | .50   | 1.52  |        |
| July - - -   |      |      | 1.85 | .61   | .43   | 2.99  | 1.91  | 2.65  | .22   | .42   |        |
| August - -   |      |      | 1.95 | 2.58  | .67   | 4.20  | 4.71  | 2.53  | 2.04  |       |        |
| September -  |      |      | 3.20 | 2.27  | 2.18  | .51   | 3.21  | 1.00  | 3.30  |       | 2.64   |
| October - -  |      |      | 2.73 | 2.32  |       | 5.22  | 1.81  | 2.10  | 2.53  | 1.16  |        |
| November -   |      |      | 1.01 | 2.45  | 4.52  | 2.35  | 1.43  | 44    | 1.43  | 2.31  |        |
| December -   |      |      | 1.61 | 1.26  | .69   | 1.38  | 1.92  | 1.63  | 4.75  | 3.87  |        |
| TOTALS -     |      |      |      | 19.62 | 18.22 | 28.72 | 27.19 | 24.63 | 24.07 | 23.70 |        |

1863 The Spring & Summer here have been amongst the driest ever remembered.

1865 Gaze in walled garden clear sky space of 60° from the Zenith in all directions



Rainfall at Weedon Beck (Northampton.)

Rev. J. S. Winter

1.6 66

Diameter of Gauge, ..... in.

Height above Ground, ..... ft. 6 in.

Above Mean Sea Level, 280 ft.

| YEAR - -     | 1860 | 1861 | 1862 | 1863 | 1864   | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|--------------|------|------|------|------|--------|-------|-------|-------|-------|-------|--------|
| January - -  |      |      |      |      | # 1.03 | 2.77  | 2.45  | 2.37  | 2.30  | 3.31  |        |
| February - - |      |      |      |      | 1.61   | 1.67  | 2.83  | 1.26  | 1.83  | 2.04  |        |
| March - - -  |      |      |      |      | 3.31   | .96   | 1.23  | 2.54  | 1.73  | 1.28  |        |
| April - - -  |      |      |      |      | 1.63   | 1.00  | 1.29  | 2.51  | 1.23  | 1.33  |        |
| May - - - -  |      |      |      |      | 1.36   | 1.10  | 1.79  | 2.86  | .75   | 4.20  |        |
| June - - - - |      |      |      |      | 1.55   | 3.02  | 2.16  | 1.93  | .46   | 1.58  |        |
| July - - - - |      |      |      |      | .66    | 4.05  | 2.32  | 2.81  | .35   | .36   |        |
| August - - - |      |      |      |      | .49    | 3.84  | 3.45  | 2.46  | 3.04  | .89   |        |
| September -  |      |      |      |      | 2.75   | 1.00  | 4.58  | 2.26  | 3.52  | 3.30  |        |
| October - -  |      |      |      |      | 1.51   | 3.90  | 2.00  | 2.17  | 2.34  | 1.38  |        |
| November -   |      |      |      |      | 1.65   | 2.59  | 1.83  | .53   | 1.70  | 2.11  |        |
| December -   |      |      |      |      | 1.17   | 1.84  | 1.18  | 1.54  | 4.26  | 3.48  |        |
| TOTALS -     |      |      |      |      | 18.72  | 26.74 | 27.11 | 23.24 | 23.51 | 25.26 |        |

Monthly

Gauge on Lawn W of the house



RAINFALL AT NorthamptonHenry Terry Junr.

Rain { By .....

Gauge { Diameter.....5.....in.Height above Ground, .5 ft. 5 in.

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

| YEAR.....      |  |  |  |  |  |  | 1866   | 1867  | 1868  | 1869  | MEANS. |
|----------------|--|--|--|--|--|--|--------|-------|-------|-------|--------|
| January .....  |  |  |  |  |  |  | # 2.37 | 2.17  | 2.71  | 2.05  |        |
| February ..... |  |  |  |  |  |  | 2.60   | 1.35  | 1.78  | 2.10  |        |
| March .....    |  |  |  |  |  |  | 1.21   | 3.10  | 1.71  | 1.46  |        |
| April .....    |  |  |  |  |  |  | 1.21   | 2.19  | 1.34  | 1.58  |        |
| May .....      |  |  |  |  |  |  | 1.79   | 3.28  | .64   | 3.87  |        |
| June.....      |  |  |  |  |  |  | 1.99   | 2.01  | .44   | 1.56  |        |
| July .....     |  |  |  |  |  |  | 2.77   | 3.07  | .07   | .44   |        |
| August.....    |  |  |  |  |  |  | 4.16   | 2.51  | 3.52  | .84   |        |
| September ...  |  |  |  |  |  |  | 4.63   | 1.78  | 3.47  | 3.16  |        |
| October.....   |  |  |  |  |  |  | 1.78   | 2.05  | 2.24  | 1.02  |        |
| November.....  |  |  |  |  |  |  | 1.83   | .46   | 1.51  | 2.27  |        |
| December.....  |  |  |  |  |  |  | 1.72   | 1.95  | 4.69  | 3.75  |        |
| TOTALS .....   |  |  |  |  |  |  | 28.06  | 25.92 | 24.12 | 24.90 |        |

1866 Obs. not commenced till Feby. Jan from the Asylum record



Northampton

S. J. Ellick

8 in + Ground 7<sup>ft</sup> 6 in

+ Sea Level

| YEAR - -     | 1860 | 1861 | 1862 | 1863              | 1864  | 1865  | 1866     | 1867  | 1868     | 1869 | MEANS. |
|--------------|------|------|------|-------------------|-------|-------|----------|-------|----------|------|--------|
| January - -  |      |      |      | <sup>#</sup> 2.11 | .87   | 2.90  | 3.63     | 3.04  | } 5.96 { |      |        |
| February - - |      |      |      | .29               | 1.16  | 2.21  | 3.08     | 1.56  |          |      |        |
| March - - -  |      |      |      | .57               | 2.53  | 1.21  | 1.53     | 2.55  | 1.79     |      |        |
| April - - -  |      |      |      | 1.17              | 1.21  | 1.18  | 1.16     | 2.67  | .99      |      |        |
| May - - - -  |      |      |      | .43               | 1.57  | 1.87  | 1.71     | 2.45  | .49      |      |        |
| June - - - - |      |      |      | 2.10              | .91   | 3.37  | 2.22     | 1.75  | .30      |      |        |
| July - - - - |      |      |      | .33               | 1.00  | 3.77  | 3.56     | 3.60  | .12      |      |        |
| August - - - |      |      |      | 2.00              | .65   | 4.70  | 4.45     | 2.40  | 4.11     |      |        |
| September -  |      |      |      | 1.67              | 2.09  | .00   | 5.85     | 2.71  | 3.97     |      |        |
| October - -  |      |      |      | 1.70              | 1.59  | 5.71  | 2.20     | 2.52  | } 2.32 { |      |        |
| November -   |      |      |      | 1.99              | 1.94  | 1.93  | } 4.54 { | .47   |          |      |        |
| December -   |      |      |      | 1.00              | 2.14  | 3.16  |          | 2.10  | 4.55     |      |        |
| TOTALS -     |      |      |      | 15.36             | 17.66 | 32.01 | 33.93    | 27.82 | 24.60    |      |        |

C 2 C C C C

1868 I have been too ill to attend properly H98



RAINFALL AT *Northampton Gold Street*

Observer: *W. S. Law*

Rain { By.....  
Gauge { .....  
Diameter.....5.....in. Height above Ground,.....6.....ft.....6.....in. Above Mean Sea Level.....230.....ft.

[illegible]



RAINFALL AT *Northampton Asylum Billing Road*  
*Northampton*

Observer *J. Godfred*

Rain { By *Negretti T. Lamba*  
Gauge { *G. Laisher*

Diameter *8* in. Height above Ground, .....ft.....in. Above Mean Sea Level.....ft.

| YEAR.....       |  |  |  |  | 1864      | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|-----------------|--|--|--|--|-----------|-------|-------|-------|-------|-------|--------|
| January.....    |  |  |  |  |           | 2.37  | 2.38  | 1.98  | 2.36  | 2.19  |        |
| February .....  |  |  |  |  |           | 1.97  | 2.27  | 1.15  | 1.46  | 1.54  |        |
| March .....     |  |  |  |  |           | .93   | 1.09  | 3.18  | 1.75  | 1.47  |        |
| April .....     |  |  |  |  |           | 1.00  | 1.06  | 1.44  | 1.16  | 1.48  |        |
| May .....       |  |  |  |  |           | 1.40  | 1.07  | 2.85  | .65   | 3.49  |        |
| June .....      |  |  |  |  |           | 3.31  | 2.52  | 1.75  | .49   | 1.71  |        |
| July.....       |  |  |  |  |           | 3.13  | 2.40  | 2.61  | .25   | .46   |        |
| August.....     |  |  |  |  | <i>11</i> | .68   | 3.67  | 4.39  | 2.22  | 3.27  | .80    |
| September ..... |  |  |  |  |           | 1.94  | .38   | 3.99  | 1.78  | 3.18  | 3.29   |
| October .....   |  |  |  |  |           | 1.96  | 3.86  | 1.64  | 1.94  | 2.01  | 1.10   |
| November .....  |  |  |  |  |           | 1.81  | 2.00  | 1.75  | .46   | .96   | 2.19   |
| December.....   |  |  |  |  |           | .86   | 1.05  | 1.55  | 1.66  | 4.09  | 3.48   |
| TOTALS.....     |  |  |  |  |           | 25.07 | 26.11 | 23.02 | 21.63 | 23.20 |        |







# RAINFALL AT *Northampton (Thorpelands)*

60

*H. J. Little*

Rain { By .....

Gauge { Diameter.....*8*.....in.

Height above Ground, ..... ft. *6* in.

Above Mean Sea Level, *250*<sup>?</sup> ft.

| YEAR.....      |  |  |  |  |  |  | 1866 | 1867  | 1868  | 1869  | MEANS. |
|----------------|--|--|--|--|--|--|------|-------|-------|-------|--------|
| January .....  |  |  |  |  |  |  |      | 2.20  | 3.09  | 2.64  |        |
| February ..... |  |  |  |  |  |  |      | 1.35  | 1.71  | 1.97  |        |
| March .....    |  |  |  |  |  |  |      | 2.39  | 1.85  | 1.64  |        |
| April .....    |  |  |  |  |  |  |      | 2.17  | 1.39  | 1.90  |        |
| May .....      |  |  |  |  |  |  |      | 2.48  | .76   | 4.01  |        |
| June.....      |  |  |  |  |  |  |      | 1.71  | .51   | 1.60  |        |
| July .....     |  |  |  |  |  |  |      | 2.60  | .20   | .25   |        |
| August.....    |  |  |  |  |  |  |      | 2.85  | 3.18  | .96   |        |
| September ...  |  |  |  |  |  |  |      | 1.84  | 2.92  | 3.25  |        |
| October.....   |  |  |  |  |  |  |      | 2.22  | 2.09  | .94   |        |
| November.....  |  |  |  |  |  |  |      | .43   | 1.53  | 2.10  |        |
| December.....  |  |  |  |  |  |  | #    | 1.91  | 4.58  | 3.65  |        |
| TOTALS .....   |  |  |  |  |  |  |      | 24.15 | 23.81 | 24.91 |        |

*c c c*

1869 Drought felt severely in July & August and also in Oct. & Nov. No extraordinary falls of rain in the year & Springs quite as low in Nov. as in the previous year. extraordinary absence of frost in Jan & Feb with a very high temp so that white Turnips continued to grow all through the winter and got nearly into flower by March



Althorpe

W J Jakeman.

S. H. 64 5

On + ground 3.10 63 + I Level 310 ft

| YEAR - -      | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS.  |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| January - -   | 2.40  | .81   | 2.62  | 2.21  | .95   | 2.52  | 2.34  | 2.49  | 2.30  | 3.22  | 2.194   |
| February - -  | 1.00  | 2.09  | .33   | .22   | 1.45  | 1.88  | 2.59  | 1.25  | 1.62  | 2.16  | 1.459   |
| March - - -   | 2.02  | 2.03  | 3.40  | .44   | 2.69  | 1.07  | 1.14  | 2.09  | 1.70  | 1.20  | 1.786   |
| April - - - - | .59   | .56   | 1.40  | 1.03  | 1.52  | .97   | 1.08  | 2.56  | 1.65  | 1.46  | 1.282 - |
| May - - - -   | 3.08  | 1.17  | 2.96  | .20   | 1.65  | 1.44  | 1.61  | 2.91  | .72   | 4.29  | 2.003   |
| June - - - -  | 4.60  | 2.15  | 2.31  | 3.48  | .93   | 3.16  | 1.66  | 1.85  | .45   | 1.85  | 2.244   |
| July - - - -  | 1.22  | 3.60  | 2.45  | .51   | .66   | 3.59  | 3.01  | 2.50  | .26   | .29   | 1.809   |
| August - - -  | 3.64  | .18   | 1.61  | 2.02  | .73   | 3.55  | 5.00  | 2.68  | 3.23  | .96   | 2.360   |
| September -   | 2.80  | 1.80  | 2.47  | 1.97  | 2.53  | .18   | 4.49  | 1.36  | 3.31  | 3.78  | 2.469 + |
| October - -   | 1.55  | 1.22  | 2.65  | 1.65  | 1.45  | 3.72  | 1.93  | 2.21  | 2.02  | 1.25  | 1.965   |
| November -    | 2.60  | 2.62  | .77   | 2.05  | 1.93  | 2.11  | 1.94  | .48   | 1.90  | 2.21  | 1.861   |
| December -    | 1.76  | 1.17  | 1.24  | 1.19  | .72   | 1.31  | 1.80  | 2.00  | 4.46  | 3.52  | 1.917   |
| TOTALS -      | 27.34 | 19.40 | 24.21 | 16.97 | 17.21 | 25.50 | 28.59 | 24.38 | 23.70 | 26.19 | 23.349  |

1860 25.20 } 42 Stals copied from Northampton Mercury  
1861 20.76 }

g in open place in pleasure grounds 5 yards from NW corner of the house



Rainfall at *Holdenby* ..... (*Northamptonshire*)

*Mr. Hartshorne*

Diameter of Gauge, ..... in.

Height above Ground, *4* ft. *2* in.

Above Mean Sea Level, *385* ft.

| YEAR - -     | <i>1860</i> | <i>1861</i> | <i>1862</i> | <i>1863</i> | <i>1864</i>   | <i>1865</i> | <i>1866</i> | <i>1867</i> | <i>1868</i> | <i>1869</i> | MEANS. |
|--------------|-------------|-------------|-------------|-------------|---------------|-------------|-------------|-------------|-------------|-------------|--------|
| January - -  |             |             |             |             | <i># 1.90</i> |             |             |             |             |             |        |
| February - - |             |             |             |             | <i>1.59</i>   |             |             |             |             |             |        |
| March - - -  |             |             |             |             | <i>2.61</i>   |             |             |             |             |             |        |
| April - - -  |             |             |             |             | <i>1.41</i>   |             |             |             |             |             |        |
| May - - - -  |             |             |             |             | <i>2.81</i>   |             |             |             |             |             |        |
| June - - - - |             |             |             |             | <i>1.28</i>   |             |             |             |             |             |        |
| July - - - - |             |             |             |             | <i>.00</i>    |             |             |             |             |             |        |
| August - - - |             |             |             |             | <i>1.63</i>   |             |             |             |             |             |        |
| September -  |             |             |             |             | <i>2.20</i>   |             |             |             |             |             |        |
| October - -  |             |             |             |             | <i>1.34</i>   |             |             |             |             |             |        |
| November -   |             |             |             |             | <i>1.67</i>   |             |             |             |             |             |        |
| December -   |             |             |             |             | <i>.88</i>    | <i>#</i>    |             |             |             |             |        |
| TOTALS - -   |             |             |             |             | <i>19.32</i>  |             |             |             |             |             |        |

*✓*



# RAINFALL AT CROYLAND HALL

Lat. ....

Lon. ....

County of NORTHANTS

Rain Gauge, by .....

Observer Mr. Sharman

|                 |      |       |       |       |       |       |       |       |       |       |        |
|-----------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter. ....  |      |       |       |       |       |       |       |       |       |       |        |
| Height. ....    |      |       |       |       |       |       |       |       |       |       |        |
| Altitude. ....  |      |       |       |       |       |       |       |       |       |       |        |
| Year .....      | 1860 | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
| January. ....   | .    | .33   | 1.98  | 2.33  | .89   | 2.40  | 2.40  | 2.23  | 2.63  | 2.64  | 1.981  |
| February. ....  |      | 2.11  | .52   | .27   | .64   | 2.18  | 2.94  | 1.55  | 1.05  | 2.07  | 1.481  |
| March. ....     |      | 2.09  | 3.81  | .61   | 3.43  | 1.15  | 1.17  | 2.74  | 1.67  | 1.56  | 2.059  |
| April. ....     |      | .89   | 1.94  | 1.12  | 1.31  | 1.22  | 1.06  | 1.87  | 1.14  | 1.95  | 1.389  |
| May. ....       |      | 1.07  | 3.40  | .51   | 1.53  | 1.86  | 1.51  | 3.01  | .44   | 4.05  | 1.909  |
| June. ....      |      | 2.81  | 2.02  | 2.54  | 1.11  | 2.22  | 2.06  | 1.24  | .71   | 1.29  | 1.778  |
| July. ....      |      | 3.98  | 2.09  | .62   | .66   | 3.55  | 2.60  | 2.89  | .14   | .30   | 1.870  |
| August. ....    |      | .40   | 2.45  | 1.81  | .44   | 3.66  | 3.74  | 2.41  | 2.64  | .96   | 2.090  |
| September. .... |      | 1.51  | 3.12  | 2.16  | 1.95  | .39   | 3.72  | 1.87  | 2.30  | 3.01  | 2.225  |
| October. ....   |      | 1.32  | 2.32  | 2.26  | 1.64  | 4.32  | 1.74  | 2.15  | 2.41  | .94   | 2.122  |
| November. ....  |      | 2.98  | .93   | 2.17  | 1.45  | 2.01  | 1.83  | .17   | 1.34  | 2.02  | 1.689  |
| December. ....  |      | 1.25  | 1.61  | 1.20  | 1.00  | 1.01  | 1.67  | 2.00  | 4.28  | 3.48  | 1.944  |
| TOTALS. ....    |      | 21.04 | 26.19 | 17.60 | 16.65 | 25.97 | 26.44 | 24.13 | 20.75 | 24.27 |        |

Note: Grid Ref: 888 680 (approx.)

Figures from January 1866 onwards are similar to those for Wellingborough.

Figures 1861 - 65 copied from data supplied by  
L. G. Cottingham Jan. 1957 (File E.14974/52 encl. 95A).



## Wellingborough

Edw<sup>d</sup>  
Mr. Mark Shorman

5

+ ground 2 in 69 + Sea Level

| YEAR - -      | 1860  | 1861  | 1862  | 1863  | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| January - -   | 2.74  | 1.36  | 2.21  | 2.40  | .91   | 3.52  | 2.40  | 2.23  | 2.63  | 2.64  | 2.304  |
| February - -  | 1.12  | 2.52  | .57   | .30   | .72   | 4.71  | 2.94  | 1.55  | 1.05  | 2.07  | 1.755  |
| March - - -   | 2.02  | 2.06  | 3.72  | .63   | 3.57  | 1.20  | 1.17  | 2.74  | 1.67  | 1.56  | 2.034  |
| April - - -   | .81   | 1.50  | 1.96  | 1.13  | 1.34  | 1.23  | 1.06  | 1.87  | 1.14  | 1.95  | 1.407  |
| May - - - -   | 2.94  | 1.27  | 3.36  | .47   | 1.51  | 1.80  | 1.51  | 3.01  | .44   | 4.05  | 2.044  |
| June - - - -  | 5.35  | 2.83  | 2.06  | 2.66  | 1.06  | 2.36  | 2.06  | 1.24  | .71   | 1.29  | 2.162  |
| July - - - -  | 1.60  | 4.13  | 2.71  | .61   | .76   | 3.67  | 2.60  | 2.89  | .14   | .30   | 1.941  |
| August - - -  | 3.68  | .73   | 2.52  | 1.81  | .49   | 3.80  | 3.74  | 2.41  | 2.64  | .96   | 2.278  |
| September -   | 3.11  | 1.60  | 3.20  | 2.20  | 2.05  | .41   | 3.72  | 1.87  | 2.30  | 3.01  | 2.347  |
| October - - - | 1.76  | 1.33  | 2.36  | 2.30  | 1.72  | 4.54  | 1.74  | 2.15  | 2.41  | .94   | 2.125  |
| November - -  | 2.32  | 3.01  | .96   | 2.17  | 1.74  | 2.03  | 1.83  | .17   | 1.34  | 2.02  | 1.759  |
| December - -  | 1.96  | 1.33  | 1.37  | .95   | 1.01  | 1.31  | 1.67  | 2.00  | 4.28  | 3.48  | 1.936  |
| TOTALS -      | 29.41 | 23.75 | 27.00 | 17.63 | 16.88 | 30.66 | 26.44 | 24.13 | 20.75 | 24.27 | 24.092 |

Gauge stands on Terrace 15 ft. wide about  
50 ft. from the house which is about 20 ft. high



Kettering  
Northampton

John Wallis

1.3.66 69  
1st. 6 in

8 in + ground 1st 6 in 65 + 22 300 ft

| YEAR - -     | 1860 | 1861 | 1862 | 1863 | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|--------------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|
| January - -  |      |      |      |      | .99   | 2.66  | 2.39  | 2.70  | 2.58  | 3.02  |        |
| February - - |      |      |      |      | .78   | 2.29  | 3.04  | 1.59  | 1.65  | 1.29  |        |
| March - - -  |      |      |      |      | 4.01  | 1.36  | 1.40  | 2.24  | 1.64  | 1.63  |        |
| April - - -  |      |      |      |      | 1.54  | 1.21  | 1.34  | 2.59  | 1.50  | 1.94  |        |
| May - - - -  |      |      |      | #.40 | 1.77  | 1.59  | 1.87  | 2.60  | .61   | 4.19  |        |
| June - - - - |      |      |      | 3.06 | .96   | 1.65  | 1.81  | 1.83  | .40   | 1.53  |        |
| July - - - - |      |      |      | .57  | .56   | 3.88  | 2.75  | 2.90  | .09   | .37   |        |
| August - - - |      |      |      | 1.64 | .48   | 5.28  | 4.90  | 2.45  | 2.28  | 1.13  |        |
| September -  |      |      |      | 1.51 | 1.82  | .58   | 4.48  | 2.32  | 2.82  | 3.40  |        |
| October - -  |      |      |      | 2.46 | 1.90  | 4.96  | 2.39  | 2.23  | 2.38  | .98   |        |
| November -   |      |      |      | 2.21 | 1.65  | 2.17  | 2.15  | .49   | 1.55  | 1.97  |        |
| December -   |      |      |      | 1.11 | 1.19  | 1.33  | 2.07  | 1.77  | 3.80  | 3.59  |        |
| TOTALS -     |      |      |      |      | 17.65 | 28.96 | 30.59 | 25.71 | 21.30 | 25.04 |        |

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# RAINFALL AT Braybrooke [Market Harborough] Northampton

Observer J. Marriott Junr Esq

Rain { By.....

Gauge { Diameter.....5.....in.

Height above Ground,.....4.....ft.....3.....in.

Above Mean Sea Level.....ft.

| YEAR.....      | 1860 | 1861 | 1862 | 1863 | 1864 | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|----------------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|
| January.....   |      |      |      |      |      | 2.69  | 2.50  | 3.08  | 2.53  | 3.59  |        |
| February ..... |      |      |      |      |      | 2.23  | 3.19  | 1.79  | 1.24  | 2.62  |        |
| March .....    |      |      |      |      |      | 1.32  | 1.96  | 2.73  | 2.35  | 1.68  |        |
| April .....    |      |      |      |      |      | .70   | 1.19  | 2.05  | 1.62  | 1.61  |        |
| May .....      |      |      |      |      |      | 1.17  | 1.40  | 2.11  | .84   | 5.03  |        |
| June .....     |      |      |      |      |      | 2.18  | 2.00  | 2.06  | .35   | 1.55  |        |
| July .....     |      |      |      |      |      | 3.59  | 3.35  | 1.56  | .04   | .36   |        |
| August .....   |      |      |      |      |      | 3.19  | 4.55  | 2.58  | 4.33  | 1.05  |        |
| September..... |      |      |      |      |      | .18   | 4.60  | 1.65  | 3.48  | 2.54  |        |
| October .....  |      |      |      |      |      | 4.32  | 2.10  | 2.14  | 2.45  | 1.20  |        |
| November.....  |      |      |      |      |      | 2.20  | 2.20  | .53   | 1.70  | 2.02  |        |
| December ..... |      |      |      |      |      | 1.13  | 2.10  | 2.25  | 5.11  | 3.40  |        |
| TOTALS .....   |      |      |      |      |      | 24.90 | 31.14 | 24.53 | 26.04 | 26.65 |        |



Bundle  
Northampton

G. Ellick

+ Ground 20 feet + Sea Level 124 feet

| YEAR - -     | 1860  | 1861  | 1862  | 1863 | 1864 |  |  |  |  |  | MEANS. |
|--------------|-------|-------|-------|------|------|--|--|--|--|--|--------|
| January - -  |       | 1.10  | 1.63  |      |      |  |  |  |  |  |        |
| February - - |       | 2.03  | .44   |      |      |  |  |  |  |  |        |
| March - - -  |       | 1.40  | 3.71  |      |      |  |  |  |  |  |        |
| April - - -  | # .60 | .97   | 1.26  |      |      |  |  |  |  |  |        |
| May - - - -  | 3.07  | 1.07  | 2.21  |      |      |  |  |  |  |  |        |
| June - - - - | 4.81  | 1.64  | 1.83  |      |      |  |  |  |  |  |        |
| July - - - - | 1.16  | 5.63  | 1.26  |      |      |  |  |  |  |  |        |
| August - - - | 2.59  | .57   | 1.83  |      |      |  |  |  |  |  |        |
| September -  | 2.39  | 1.21  | 2.57  |      |      |  |  |  |  |  |        |
| October - -  | 1.46  | .93   | 1.94  |      |      |  |  |  |  |  |        |
| November -   | 2.24  | 2.64  | 1.85  |      |      |  |  |  |  |  |        |
| December -   | 1.74  | 1.18  | 1.90  | #    |      |  |  |  |  |  |        |
| TOTALS -     |       | 20.45 | 22.43 |      |      |  |  |  |  |  |        |

C & C

In kitchen garden about 22 yds from main house  
near north ground sloping to S.E.



## RAINFALL AT

Buckingham Castle  
NorthamptonshireObserver.....*John Brown*.....

Rain

{ By.....*Basella*.....

Gauge

{ Diameter.....*5*.....in.Height above Ground,.....ft.....*1*.....in.Above Mean Sea Level.....*300*.....ft.

| YEAR.....      |  |  |  |  |  |  |  | 1867   | 1868  | 1869  | MEANS. |
|----------------|--|--|--|--|--|--|--|--------|-------|-------|--------|
| January.....   |  |  |  |  |  |  |  | # 2.60 | 2.21  | 3.13  |        |
| February ..... |  |  |  |  |  |  |  | 1.24   | 1.50  | 1.95  |        |
| March .....    |  |  |  |  |  |  |  | 2.63   | 1.92  | 1.96  |        |
| April .....    |  |  |  |  |  |  |  | 1.55   | 1.51  | 2.13  |        |
| May .....      |  |  |  |  |  |  |  | 3.33   | .56   | 5.27  |        |
| June .....     |  |  |  |  |  |  |  | 1.19   | .57   | 1.35  |        |
| July .....     |  |  |  |  |  |  |  | 2.64   | .00   | .56   |        |
| August .....   |  |  |  |  |  |  |  | 2.61   | 3.58  | 2.24  |        |
| September..... |  |  |  |  |  |  |  | 2.50   | 3.07  | 2.94  |        |
| October .....  |  |  |  |  |  |  |  | 1.80   | 2.49  | .85   |        |
| November.....  |  |  |  |  |  |  |  | 1.04   | 1.57  | 2.08  |        |
| December.....  |  |  |  |  |  |  |  | 2.20   | 5.25  | 3.32  |        |
| TOTALS .....   |  |  |  |  |  |  |  | 25.33  | 24.23 | 27.78 |        |

In Kitchen garden about 12 yards from some low forcing  
houses with ground sloping to SW







# RAINFALL AT *Peterborough Springfield House*

Observer... *H. Whitwell Esq.*

Rain { By.....

Gauge { Diameter... *8* .....in.

Height above Ground, *3* ft. *2* in.

Above Mean Sea Level.....ft.

| YEAR.....      | 1860 | 1861 | 1862 | 1863 | 1864  | 1865  | 1866  | 1867  | 1868  | 1869  | MEANS. |
|----------------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|
| January.....   |      |      |      |      | .68   | 2.15  | 1.91  | 2.32  | 1.92  | 2.16  |        |
| February ..... |      |      |      |      | .75   | 1.64  | 2.64  | 1.02  | 1.47  | 2.15  |        |
| March .....    |      |      |      |      | 2.85  | 1.27  | 1.18  | 1.69  | 1.48  | 1.45  |        |
| April.....     |      |      |      |      | .72   | .49   | 1.87  | 1.95  | 1.40  | 2.47  |        |
| May .....      |      |      |      |      | 1.58  | 1.15  | 1.34  | 3.69  | .53   | 3.86  |        |
| June.....      |      |      |      |      | .58   | 2.24  | 2.28  | .89   | .51   | 1.57  |        |
| July .....     |      |      |      |      | .33   | 3.94  | 3.17  | 1.97  | .24   | .33   |        |
| August.....    |      |      |      |      | .36   | 2.18  | 2.38  | 2.25  | 2.45  | 1.56  |        |
| September..... |      |      |      |      | 1.50  | .43   | 3.03  | 1.40  | 2.04  | 2.37  |        |
| October.....   |      |      |      |      | 1.08  | 4.14  | 1.48  | 1.85  | 2.25  | .98   |        |
| November.....  |      |      |      |      | 1.38  | 1.50  | 1.42  | .40   | 1.37  | 2.05  |        |
| December.....  |      |      |      |      | .98   | .90   | 1.94  | 2.19  | 4.75  | 3.17  |        |
| TOTALS .....   |      |      |      |      | 12.79 | 22.03 | 24.64 | 21.62 | 20.41 | 24.12 |        |



## Marholm, Peterboro'

Rev. R. S. C. Blackier

Diam: 5 in ; 6 in + ground ;

| YEAR - -     | 1860  | 1861  | 1862  | 1863 | 1864 |  |  |  |  |  | MEANS. |
|--------------|-------|-------|-------|------|------|--|--|--|--|--|--------|
| January - -  | 2.98  | 1.78  | 1.67  |      |      |  |  |  |  |  |        |
| February - - | .92   | 1.32  | .41   |      |      |  |  |  |  |  |        |
| March - - -  | 1.76  | 4.45  | 3.46  |      |      |  |  |  |  |  |        |
| April - - -  | .53   | .74   | 1.23  |      |      |  |  |  |  |  |        |
| May - - - -  | 3.11  | .91   | 2.21  |      |      |  |  |  |  |  |        |
| June - - - - | 5.41  | 1.88  | 1.70  |      |      |  |  |  |  |  |        |
| July - - - - | 2.22  | 0.47  | 1.87  |      |      |  |  |  |  |  |        |
| August - - - | 4.10  | 1.29  | 2.76  |      |      |  |  |  |  |  |        |
| September -  | 3.33  | .73   | 2.92  |      |      |  |  |  |  |  |        |
| October - -  | 4.31  | .76   | 2.08  |      |      |  |  |  |  |  |        |
| November -   | 2.54  | 2.17  | 1.04  |      |      |  |  |  |  |  |        |
| December -   | 1.88  | .72   | .89   | #    |      |  |  |  |  |  |        |
| TOTALS -     | 33.09 | 25.22 | 22.24 |      |      |  |  |  |  |  |        |

1859<sup>#</sup> May 1.60; June 2.75; July 1.24; August 2.19; Sept. 2.92;  
 October 2.67; November 1.37; Dec. 1.70.

entered in Pencil from having a doubt about  
 Oct<sup>r</sup> when gauge was broken.



RAINFALL AT Easton on the Hill  
Northamptonshire

Observer Chas Day

Rain { By Basella

Gauge { Diameter 5 in. Height above Ground 1 ft. in. Above Mean Sea Level 200 ft.

| YEAR.....      |  |  |  |  |  |  |   | 1867  | 1868  | 1869  | MEANS. |
|----------------|--|--|--|--|--|--|---|-------|-------|-------|--------|
| January.....   |  |  |  |  |  |  | # | 2.54  | 2.27  | 2.34  |        |
| February ..... |  |  |  |  |  |  |   | 1.38  | 1.30  | 1.99  |        |
| March .....    |  |  |  |  |  |  |   | 2.22  | 2.10  | 1.97  |        |
| April.....     |  |  |  |  |  |  |   | 2.28  | 1.43  | 2.31  |        |
| May .....      |  |  |  |  |  |  |   | 3.18  | .49   | 5.24  |        |
| June.....      |  |  |  |  |  |  |   | 1.06  | .47   | 1.18  |        |
| July .....     |  |  |  |  |  |  |   | 2.37  | .21   | .32   |        |
| August.....    |  |  |  |  |  |  |   | 2.38  | 3.62  | 1.49  |        |
| September..... |  |  |  |  |  |  |   | 2.00  | 2.93  | 2.71  |        |
| October .....  |  |  |  |  |  |  |   | 1.77  | 2.50  | 1.09  |        |
| November.....  |  |  |  |  |  |  |   | 46    | 1.74  | 2.19  |        |
| December.....  |  |  |  |  |  |  |   | 2.07  | 5.72  | 2.94  |        |
| TOTALS .....   |  |  |  |  |  |  |   | 23.71 | 24.70 | 25.77 |        |

On a gravel walk about 200 ft above the river  
Welland and distant about  $\frac{3}{4}$  of a m  
Registered on the following day