

## RAINFALL at Bulwell Hall Park

County of Nottinghamshire

Observer A Brownlow Esq.

River Basin Trent Left Bank Tributaries 5

73. Lewis Esq.  
a Dale Esq.<sup>1911</sup>

911.0

Rain Gauge, by N+3

| Diameter ... | 8    |       |       |       |       |       |       |       |       |       |        |
|--------------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ..... | 1 0  |       |       |       |       |       |       |       |       |       |        |
| Altitude ... | 252  |       |       |       |       |       |       |       |       |       |        |
| Year ..      | 1910 | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |
| January ...  | 2.44 | 1.17  | 3.52  | 4.02  | 1.52  | 2.52  | 1.09  | 2.45  | 1.98  | 3.75  | 927    |
| February ... | 3.43 | 1.63  | 1.66  | .93   | 1.49  | 2.90  | 5.28  | 7.3   | 2.15  | 2.77  | 1093   |
| March .....  | .66  | 1.91  | 2.81  | 3.96  | 2.59  | 1.25  | 4.31  | 1.97  | 1.26  | 4.71  | 1225   |
| April .....  | 1.89 | 1.15  | .81   | 2.85  | .99   | .88   | 1.50  | 1.37  | 1.70  | 1.91  | 648    |
| May .....    | 5.44 | 1.47  | 4.65  | 2.11  | 2.15  | 1.63  | 2.60  | 2.15  | 2.46  | 1.29  | 850    |
| June .....   | 2.11 | 1.84  | 3.21  | .65   | 2.14  | 1.07  | 2.45  | 2.26  | .50   | .88   | 609    |
| July .....   | 2.33 | .04   | 4.69  | .89   | 3.12  | 5.76  | 1.60  | 1.57  | 3.08  | 2.09  | 834    |
| August.....  | 4.12 | 1.97  | 5.97  | 1.51  | 2.07  | 2.08  | 2.16  | 4.08  | 1.92  | 2.30  | 1046   |
| September .. | .88  | 1.59  | 1.12  | 2.19  | .73   | .93   | 1.35  | 1.51  | 4.55  | 2.12  | 953    |
| October ...  | 1.83 | 1.95  | 3.16  | 5.15  | 2.29  | 1.72  | 2.52  | 3.67  | 1.49  | 2.82  | 1050   |
| November ... | 5.27 | 2.48  | 1.96  | 2.02  | 3.75  | 2.69  | 3.41  | 1.18  | 1.48  | 1.76  | 783    |
| December ... | 4.65 | 4.29  | 3.40  | .89   | 5.66  | 5.71  | 2.42  | 1.02  | 3.43  | 4.87  | 1124   |
| TOTALS ...   | 3505 | 21.49 | 36.95 | 27.17 | 28.50 | 29.14 | 30.69 | 23.96 | 26.00 | 30.77 | 11142  |

Jan 5w  
Aug

| Date. | Lat. N. | Long. W. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|----------|------------------|-----------|------------|---------|-----------|------------|
|       | 52.57   | 1.9      | Bulwell          |           |            |         |           |            |

## RAINFALL at Bulwell Hall Park

County of Nottinghamshire) Observer per A. Brown Esq. C.E.  
 River Basin Trent-Left Bank Grabs 5. A. Date. 1921 Waller Gordon C.E.  
 City, Engt. Nottingham

No Rain Gauge, by N.G.

| Diameter ... | 8     |       |       |       |       |       |       |       |       |       |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ..... | 10    |       |       |       |       |       |       |       |       |       |        |
| Altitude ... | 252   |       |       |       |       |       |       |       |       |       |        |
| Year .....   | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | MEANS. |
| January ...  | 3.33  | 2.35  | 3.64  | 1.30  | 2.29  | 2.11  | 3.02  | 2.43  | 5.53  | 1.33  | 3.42   |
| February ... | 2.23  | .27   | 2.78  | 4.24  | .87   | 2.65  | 2.09  | 1.65  | 1.89  | .73   | .71    |
| March .....  | 1.79  | 1.11  | 1.96  | 1.35  | 1.25  | .69   | .70   | 2.53  | 2.29  | .30   | 2.55   |
| April.....   | 3.90  | .86   | 2.91  | 2.25  | 2.08  | 1.90  | 1.38  | 1.75  | .71   | 1.45  | 0.24   |
| May .....    | 1.81  | 1.51  | .94   | 2.44  | 3.71  | 3.79  | 1.85  | 1.00  | 1.55  | 1.61  | 1.83   |
| June .....   | 2.71  | .47   | .76   | .55   | 1.65  | .10   | 2.03  | 4.61  | 2.35  | 1.34  | 1.61   |
| July .....   | 4.64  | .60   | 3.87  | 3.76  | 2.55  | 1.24  | 1.60  | 2.24  | 1.23  | 1.46  | 5.49   |
| August ..... | 1.24  | 3.79  | 5.21  | 3.42  | 3.12  | 2.25  | 2.05  | 3.25  | 2.68  | 2.55  | 2.72   |
| September... | 1.38  | 1.09  | 2.16  | 2.28  | 3.01  | 3.81  | .96   | 4.14  | .41   | .42   | 4.04   |
| October..... | 1.61  | 3.05  | .75   | 1.83  | 4.41  | 3.46  | 1.98  | 2.45  | 4.41  | 3.41  | 2.57   |
| November...  | 1.22  | 1.61  | 1.16  | 1.93  | 1.92  | 2.25  | 3.55  | 2.73  | 3.24  | 5.49  | 3.87   |
| December ... | 3.12  | 2.32  | 3.83  | 2.94  | 3.01  | 2.42  | 1.08  | 2.63  | 2.20  | 4.34  | 2.28   |
| TOTALS...    | 26.98 | 19.03 | 29.97 | 28.49 | 29.87 | 26.17 | 22.29 | 31.41 | 28.49 | 24.76 | 34.13  |
|              |       |       |       |       |       |       |       |       |       |       | 30359  |

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_

| Date. | Lat. N. | Long. W. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction |
|-------|---------|----------|------------------|---------------------|----------------------|----------------|---------------------|-----------|
|       | 52°57'  | 1°9'     | Bulwell          |                     |                      |                |                     |           |

## RAINFALL at Bulwell Hall Park.

County of Nottinghamshire Observer R. M. Finch F. W. H. Garton, Esq., C.E.

River Basin Trent - Left Bank 5

Type of Gauge M.G.

Annual Average 27.2 in. based on 17 years obs. un-weighted. Period of average 1881 - 1915 Ref. S

763914/27

| Diameter  | 8     | Height | 10    | Altitude | 252   | Year  | 1931  | 1932  | 1933  | 1934  | 1935    | 1936   | 1937 | 1938 | 1939 | 1940 | Means |
|-----------|-------|--------|-------|----------|-------|-------|-------|-------|-------|-------|---------|--------|------|------|------|------|-------|
| January   | 1.81  | 1.59   | 2.03  | 2.13     | 1.24  | 3.65  | 3.79  | 2.93  | 5.56  | 2.53  | 5.50    | 2.72   | 2.50 | 2.50 | 2.50 | 2.50 |       |
| February  | 2.45  | 1.51   | 2.26  | .67      | 1.96  | 1.93  | 4.10  | .90   | 1.42  | 3.03  | 1.30    | 1.91   | 1.78 | 1.78 | 1.78 | 1.78 | 1.78  |
| March     | 1.47  | 1.69   | 2.77  | 1.98     | 1.82  | 1.79  | 2.13  | .16   | 3.79  | 2.13  | 1.80    | 1.74   | 1.78 | 1.78 | 1.78 | 1.78 | 1.78  |
| April     | 3.74  | 2.64   | 1.12  | 2.19     | 3.27  | 1.68  | 2.50  | .11   | 4.55  | 2.04  | 1.80    | 2.09   | 1.88 | 1.88 | 1.88 | 1.88 | 1.88  |
| May       | 3.01  | 6.28   | 2.12  | 1.05     | 1.36  | .23   | 3.08  | 2.45  | 1.75  | 1.16  | 1.30    | 2.04   | 1.30 | 1.30 | 1.30 | 1.30 | 1.30  |
| June      | 4.40  | 1.03   | 2.07  | .66      | 2.94  | 3.13  | .50   | 1.73  | 4.76  | 1.16  | 1.70    | 1.93   | 1.70 | 1.70 | 1.70 | 1.70 | 1.70  |
| July      | 3.81  | 4.88   | 2.03  | 1.68     | .77   | 4.88  | 2.50  | 3.44  | 9.72  | 3.11  | 3.70    | 3.08   | 3.70 | 3.70 | 3.70 | 3.70 | 3.70  |
| August    | 3.97  | 1.77   | .72   | 1.88     | 1.90  | 1.10  | .24   | 3.03  | 6.04  | .24   | 2.30    | 1.75   | 2.30 | 2.30 | 2.30 | 2.30 | 2.30  |
| September | 3.57  | 1.91   | 1.12  | 2.03     | 5.31  | 2.73  | 1.33  | 2.52  | 1.83  | .70   | 1.20    | 2.42   | 1.20 | 1.20 | 1.20 | 1.20 | 1.20  |
| October   | 1.83  | 2.91   | 3.88  | 1.46     | 3.44  | 1.83  | 3.27  | 2.95  | 4.16  | 4.11  | 2.60    | 2.77   | 4.11 | 4.11 | 4.11 | 4.11 | 4.11  |
| November  | 3.14  | 1.95   | 1.67  | 2.26     | 4.83  | 2.88  | 1.63  | 3.05  | 5.61  | 6.37  | 3.60    | 3.12   | 3.60 | 3.60 | 3.60 | 3.60 | 3.60  |
| December  | 1.19  | .91    | .33   | 5.11     | 3.19  | 1.88  | 2.46  | 3.96  | 2.22  | 1.48  | 1.80    | 2.23   | 1.80 | 1.80 | 1.80 | 1.80 | 1.80  |
| TOTALS    | 32.39 | 28.07  | 22.12 | 23.09    | 30.03 | 24.71 | 24.43 | 27.23 | 51.41 | 28.06 | (28.60) | 27.473 |      |      |      |      |       |

1937 Greenhouses and Garden Walls 12-15 high 20yds N, S, E, W.

1939 n.p. high - scale possibly on 8" measure used with a 5" gauge.

1939 n.p.  
Bulwell Hall 2.598Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....  
1 mile to 1 inch Series

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1937. |         |       | Bulwell          | 1 1/4 miles         | E         | Bulwell        | 1 m.                | E         |

Station No. 2617

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## RAINFALL at Bulwell Hall Park

County of Nottinghamshire

Observer R. M. Finch Esq. C.F.

River Basin Trent - Left Bank 5

Hunt for M.W.R. &amp; B.R.

Type of Gauge Similar to Smowdon

City Engineer &amp; Surveyor

Annual Average 27.2 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. X63914/27

| Diameter  | 8"         |            |            | 117        | 561        |            |            |            |            |            |       |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|
| Height    | 10'        |            |            |            | 1          |            |            |            |            |            |       |
| Altitude  | 352'       |            |            |            | 4          |            |            |            |            |            |       |
| Year      | 1941       | 1942       | 1943       | 1944       | 1945       | 1946       | 1947       | 1948       | 1949       | 1950       | Means |
| January   | 3.87       | 3.02       | 4.24       | 2.92       | 1.85       | 2.30       | 2.70       | 5.53       | 1.18       | 1.09       | 2870  |
| February  | 2.60       | 1.02       | .76        | 2.22       | 2.65       | 2.36       | 2.38       | 1.71       | .75        | 5.18       | 2163  |
| March     | 2.82       | 1.80       | .67        | .41        | .76        | 1.00       | 5.48       | .65        | 1.61       | .97        | 1617  |
| April     | 1.49       | 1.11       | .71        | 2.37       | 2.21       | 1.17       | 2.12       | 1.26       | 2.33       | 2.93       | 1770  |
| May       | 2.34       | 3.54       | 2.83       | 1.21       | 2.02       | 1.42       | 1.51       | 2.13       | 2.27       | 1.63       | 2090  |
| June      | .47        | .61        | 2.01       | 1.71       | 2.41       | 3.10       | 1.59       | 2.45       | .82        | 1.49       | 1672  |
| July      | 3.40       | 2.37       | .79        | 2.44       | 2.71       | 2.03       | 2.03       | .91        | 3.73       | 2.04       | 2245  |
| August    | 4.09       | 2.64       | 1.85       | 3.31       | 2.72       | 5.77       | .21        | 3.95       | 2.18       | 3.11       | 2983  |
| September | .37        | 1.15       | 2.36       | 4.33       | 1.61       | 3.13       | 1.37       | 2.34       | 1.08       | 3.30       | 2104  |
| October   | 2.63       | 1.94       | 1.14       | 2.53       | 3.74       | 1.03       | .29        | 1.90       | 4.44       | 1.08       | 2132  |
| November  | 3.29       | 1.52       | 2.19       | 4.79       | .21        | 5.01       | 1.98       | 1.22       | 3.14       | 4.48       | 2783  |
| December  | .68        | 1.88       | .90        | 1.39       | 1.96       | 2.93       | 2.35       | 3.52       | 2.56       | 1.84       | 2021  |
| TOTALS    | 28.25<br>D | 22.60<br>D | 21.11<br>D | 29.63<br>D | 24.85<br>D | 31.25<br>D | 24.01<br>D | 27.57<br>D | 26.09<br>D | 29.14<br>D | 26450 |

1941. Greenhouses &amp; Walled garden approx 12'-15' from 20 yds. N. S SW.

Position of Station on reduced Ordnance Survey Map, | No. of Map..... Reference No.....  
1 mile to 1 inch Series

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge. | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|----------------------|-----------|
| 1941  |         |       | Bulwell L.M.S.   | 1/4 m.              | E.        | Bulwell        | 1 m.                 | E         |

Station No. 2617

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## RAINFALL at Bulwell Hall Park

County of NOTTINGHAM

Observer R.M. FINCH Esq., C.E.

River Basin TRENT &amp; TANDEM - 65

Alt. 1 fm BR. - Petty Engineer Surveyor

Type of Gauge standard SNOWDON

Annual Average 27.3 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S  
 27.26 " " 35 " 1916-1950 1916-1950 File No. 63914/27 P

| Diameter ... | 8"    |       | 117   | 561   |       |       |       |       |       |       |       |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height ...   | 11 "  |       |       |       | 1     |       |       |       |       |       |       |
| Altitude ... | 252'  |       |       |       | 51    |       |       |       |       |       |       |
| Year ...     | 1951  | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958  | 1959  | 1960  | Means |
| January      | 2.29  | 2.35  | .91   | 1.57  | 2.55  | 4.08  | 1.87  | 3.06  | 3.51  | 5.02  | 2721  |
| February     | 3.44  | .50   | 1.84  | 2.71  | 2.15  | .83   | 2.94  | 4.26  | .23   | 1.74  | 2064  |
| March        | 3.84  | 2.71  | 1.13  | 2.41  | 2.58  | .61   | 2.62  | 1.89  | 1.37  | 2.31  | 2147  |
| April        | 2.08  | 1.99  | 2.33  | .26   | 1.38  | 1.72  | .30   | .86   | 2.66  | 1.17  | 1475  |
| May          | 3.13  | 2.52  | 2.41  | 3.29  | 3.58  | .63   | .90   | 2.67  | .71   | 1.33  | 2117  |
| June         | 1.56  | 2.85  | 3.46  | 3.83  | 3.55  | 3.17  | 1.57  | 4.26  | .57   | 1.31  | 2613  |
| July         | .96   | 1.89  | 3.13  | 1.89  | .99   | 4.21  | 2.72  | 4.67  | 1.30  | 3.22  | 2498  |
| August       | 5.15  | 2.88  | 2.09  | 5.00  | .37   | 6.27  | 4.22  | 3.24  | .85   | 3.92  | 3399  |
| September    | 1.60  | 2.14  | 1.46  | 2.97  | .83   | 2.46  | 5.98  | 2.71  | .08   | 3.91  | 2394  |
| October      | .89   | 3.67  | 2.27  | 3.27  | 1.60  | 1.30  | 1.36  | 2.11  | 2.25  | 5.04  | 2376  |
| November     | 5.45  | 1.71  | 1.66  | 4.98  | 1.98  | .85   | 2.53  | 1.16  | 2.31  | 3.34  | 2597  |
| December     | 1.95  | 2.63  | .87   | 2.87  | 2.22  | 2.75  | 2.20  | 3.52  | 3.94  | 3.82  | 2647  |
| TOTALS ...   | 32.34 | 27.84 | 23.56 | 34.55 | 23.78 | 28.88 | 29.21 | 34.41 | 19.78 | 36.13 | 29048 |
|              | D     | D     | D     | D     | D     | D     | D     | D     | d     | d     |       |

1951 Sloping roof Garden Wall 12.15' at 60° N. S + W.  
 Sept. II (1951) B.O.K. g. round. Trees NNW-WNE just off shelter otherwise satisfactory. Unct. measure.

Position of Station on Ordnance One-Inch map : No. of Map: 112 National Grid Reference 13/53468

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|----------------|----------------------|
| 1954  | .       | .     | Bulwell          | 1 fm E              | Bulwell        | 1 1/4 fm E.          |

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

| Record D, or d |  | 1910-19 | 1920-30 | 1931-40     | 1941-50 | 1951-60 |
|----------------|--|---------|---------|-------------|---------|---------|
|                |  | ✓       | ✓       | ✓ n.p. 37 ✓ | ✓       | ✓       |