

## RAINFALL at Rugeley (Bridley Bank).

County of Staffs. Observer F. J. Dix. Esq., C.E.  
 River Basin S - Trent R. S. Staffs Line.  
Shawdon Rain Gauge, by \_\_\_\_\_

| Diameter ... | 5     |       |       |       |       |       |       |       |       |       |         |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| Height ..... | 10    |       |       |       |       |       |       |       |       |       |         |
| Altitude ... | 2524  |       |       |       |       |       |       |       |       |       |         |
| Year .....   | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | M.EANS. |
| January .... | 2.25  | 2.49  | 3.65  | 1.93  | 2.54  | 2.02  | 2.65  | 2.30  | 4.77  | 1.43  | 4.22    |
| February ... | 1.93  | 2.4   | 2.67  | 3.20  | .59   | 3.55  | 2.52  | 1.72  | 2.89  | .42   | .44     |
| March .....  | 2.18  | 1.58  | 2.18  | 1.69  | .98   | 1.07  | 1.09  | 2.61  | 2.20  | .16   | 3.37    |
| April.....   | 4.43  | 1.06  | 2.27  | 2.36  | 2.40  | 1.39  | 1.93  | 1.69  | 1.64  | .61   | 2.06    |
| May .....    | 2.81  | 1.37  | 1.08  | 2.21  | 3.58  | 4.53  | 3.35  | 1.65  | .20   | 1.77  | 2.13    |
| June .....   | 3.80  | .29   | .76   | .42   | 3.21  | .11   | 1.90  | 4.58  | 2.59  | 1.21  | 1.33    |
| July .....   | 2.45  | .39   | 4.18  | 8.27  | 3.41  | 2.79  | 1.49  | 2.67  | 1.15  | 1.78  | 6.89    |
| August ..... | .97   | 3.70  | 4.20  | 2.15  | 3.00  | 2.62  | 1.69  | 3.38  | 3.28  | 2.52  | 2.49    |
| September... | 1.23  | .81   | 2.55  | 2.60  | 2.03  | 3.59  | .85   | 3.73  | .58   | .57   | 3.64    |
| October..... | 2.58  | 2.23  | .41   | 3.11  | 3.78  | 3.80  | 2.92  | 1.82  | 3.87  | 3.68  | 2.56    |
| November...  | .76   | 1.66  | .86   | 2.20  | 1.76  | 2.08  | 4.67  | 3.55  | 3.66  | 5.74  | 2.98    |
| December...  | 2.45  | 2.03  | 4.30  | 3.62  | 2.36  | 2.28  | .52   | 2.14  | 1.73  | 4.85  | 2.53    |
| TOTALS.      | 30.44 | 17.85 | 29.11 | 35.76 | 30.94 | 29.83 | 25.58 | 31.84 | 28.56 | 24.74 | 34.63   |
|              | 0     | +     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       |

1920. June 25.0 111.0 N.W.  
 Engle has 40.0 112.0 N.E.W.

574

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

Reference No. \_\_\_\_\_

| Date. | Lat. N.     | Longit.    | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge |
|-------|-------------|------------|------------------|---------------------|----------------------|----------------|---------------------|
| 1920. | 52° 46' 20" | 1° 58' 40" | Rugeley S.Y.     | 1320 yds.           | E.S.E.               | Hobarties.     | 1300 yds. S.E.      |

## RAINFALL at Rugeley (Brindley Bank)

County of Staffordshire Observer F. J. Dixon, Esq., C.E.

River Basin Trent Right Bank trib. 3

Type of Gauge Inclined

6 17

Annual Average 26.1 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. S.

Revised xii/37 Prof. Boulton No 423

731754/26

| Diameter  | 5     |       |       |       |       |       |       |       |       |       |       |  |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|
| Height    | 10    |       |       |       |       |       |       |       |       |       |       |  |  |
| Altitude  | 254   |       |       |       |       |       |       |       |       |       |       |  |  |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  |       |  |  |
| January   | 1.70  | 1.94  | 1.40  | 2.29  | 1.00  | 3.56  | 3.59  | 2.83  | 5.33  | 2.49  | 2613  |  |  |
| February  | 2.60  | 1.13  | 3.28  | 2.22  | 2.35  | 1.91  | 4.55  | 1.67  | 1.01  | 2.36  | 1908  |  |  |
| March     | .09   | 1.80  | 2.14  | 2.09  | .52   | 1.69  | 1.94  | .51   | 1.15  | 1.88  | 1381  |  |  |
| April     | 3.56  | 2.78  | 0.73  | 1.51  | 2.44  | 1.89  | 2.00  | .18   | 1.96  | 2.67  | 1972  |  |  |
| May       | 3.04  | 5.43  | 1.24  | .69   | .49   | .65   | 2.4   | 1.19  | 1.52  | 1.87  | 1826  |  |  |
| June      | 4.74  | .58   | 1.90  | .89   | 3.03  | 4.30  | .73   | 2.02  | .97   | .76   | 1992  |  |  |
| July      | 3.18  | 2.71  | 2.10  | 1.20  | .40   | 4.66  | 2.37  | 4.36  | 4.55  | 2.54  | 2807  |  |  |
| August    | 5.09  | 2.11  | 0.89  | 2.21  | 1.66  | .71   | .57   | 2.30  | 3.51  | .41   | 1946  |  |  |
| September | 2.02  | 2.23  | 0.88  | 1.34  | 3.32  | 3.02  | 2.30  | 3.61  | 1.11  | .70   | 2053  |  |  |
| October   | .76   | 4.49  | 3.52  | 2.19  | 3.12  | 1.68  | 1.99  | 2.37  | 3.45  | 3.03  | 2166  |  |  |
| November  | 3.18  | 1.86  | 0.90  | 1.83  | 4.57  | 2.73  | 1.54  | 2.95  | 3.81  | 6.40  | 2977  |  |  |
| December  | .97   | .74   | 0.24  | 4.13  | 3.41  | 2.82  | 2.79  | 3.15  | 1.77  | 1.80  | 2132  |  |  |
| TOTALS    | 30.93 | 26.80 | 19.22 | 20.59 | 26.31 | 29.12 | 26.51 | 26.14 | 30.14 | 26.91 | 26267 |  |  |
|           | D.    |       |  |  |

1931. House 25' high 111° N.W. Engine house 40' high 112° N.E.

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1931. |         |       | Rugeley T.V.     | 1320yds.            | E.S.E.    | St. Augustines | 1300yds.            |

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. TF 2347

## RAINFALL at Rugeley (Brindley Bank)

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County of Staffordshire

Observer

B.B.C.

River Basin Trent - Right Bank - 3

J.D. Dixon Esq., C.E.

Type of Gauge Snowdon

R. G. Robertson Esq., C.E. (1944)

Annual Average 26.6 in. based on 17 years obs. unweighted. Period of average 1881 - 1915 Ref. S

File No. 226645/33

| Diameter  | 5"    |       | 292   | 732   |       |       |       |       |       |       |             |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|
| Height    | 10'   |       |       | 1     |       |       |       |       |       |       |             |
| Altitude  | 254'  |       |       | 41    |       |       |       |       |       |       |             |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  | 1948  | 1949  | 1950  | Means Total |
| January   | 3.25  | 3.26  | 4.13  | 2.82  | 1.80  | 2.55  | 1.93  | 4.97  | 1.46  | .84   | 2701        |
| February  | 2.26  | 1.17  | 1.13  | 1.76  | 2.15  | 3.28  | 1.58  | 1.62  | .57   | 4.18  | 1949        |
| March     | 2.59  | 1.82  | .87   | .26   | .90   | .62   | 4.55  | .93   | 1.78  | .76   | 1507        |
| April     | 1.60  | 1.04  | 1.40  | 2.26  | 1.44  | 1.05  | 2.10  | 2.44  | 2.62  | 2.14  | 1799        |
| May       | 2.28  | 3.22  | 3.02  | .44   | 3.56  | 2.24  | 2.79  | 1.61  | 1.87  | 1.22  | 2225        |
| June      | .98   | .13   | 2.25  | 2.07  | 2.06  | 2.17  | 1.88  | 3.21  | .37   | .92   | 1604        |
| July      | 3.96  | 2.05  | 1.27  | 2.67  | 1.33  | 1.86  | 3.92  | 1.98  | 1.87  | 1.77  | 2268        |
| August    | 3.24  | 2.05  | 2.38  | 1.63  | 2.40  | 5.42  | .86   | 5.49  | 1.59  | 3.04  | 2810        |
| September | .29   | 1.15  | 2.84  | 2.65  | 1.69  | 4.25  | 1.70  | 1.97  | 1.14  | 3.75  | 2143        |
| October   | 2.79  | 2.53  | 1.63  | 3.03  | 4.02  | .39   | .49   | 2.45  | 4.23  | .91   | 2247        |
| November  | 2.74  | 1.13  | 1.70  | 3.97  | .21   | 4.67  | 2.21  | 1.84  | 2.71  | 2.97  | 2365        |
| December  | 1.34  | 2.99  | .90   | 1.65  | 1.90  | 2.54  | 2.53  | 4.77  | 2.16  | 1.84  | 2252        |
| TOTALS    | 27.31 | 22.54 | 23.52 | 25.10 | 23.48 | 31.04 | 26.54 | 32.58 | 22.27 | 24.34 | 25870       |
| D         | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |             |

1941 House 25' high 111° N.W. Engine House 40' high 112° N.N.E.

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

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1941  |         |       | Rugeley (T.V.)   | 1320y               | E.S.E.    | Rugeley        | 1300y S.E.          |

BRITISH RAINFALL ORGANIZATION

Station No. 23667

TP 15

RAINFALL at Rugeley (Brindley Bank)

51

County of StaffordshireObserver R.D. Robertson Esq. C.F.River Basin Shent-Right Bank - 3Type of Gauge Snowdon

Annual Average 26.6 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S  
27.25 " 35 " " 1916-1950 1916-1950 Ref. P  
 File No. 226645/33

| Diameter ... | 5"     |       |       | 092   | 732   |       |       |       |       |       |        |       |
|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| Height ...   | 11' 0" |       |       |       | 1     |       |       | 1' 2" |       |       |        |       |
| Altitude ... | 254'   |       |       |       | 51    |       |       |       |       |       |        |       |
| Year ...     | 1951   | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958* | 1959  | 1960  | Means  | Total |
| January      | 2.18   | 2.78  | .77   | 1.23  | 2.21  | 3.60  | 1.29  | 1.82  | 2.96  | 5.46  | 24.30  |       |
| February     | 2.63   | .54   | 1.37  | 2.28  | 2.20  | .83   | 2.06  | 4.26  | .36   | 2.10  | 18.63  |       |
| March        | 4.18   | 1.96  | 1.11  | 2.10  | 3.08  | 1.31  | 2.06  | 1.66  | 1.91  | 2.02  | 21.39  |       |
| April        | 2.10   | 2.47  | 2.61  | .35   | 1.40  | 1.35  | .26   | .55   | 2.78  | 1.32  | 15.19  |       |
| May          | 3.31   | 2.94  | 2.24  | 2.17  | 3.87  | .90   | 1.05  | 2.15  | 1.05  | 1.77  | 21.45  |       |
| June         | 1.71   | 2.42  | 2.13  | 2.72  | 3.08  | 1.79  | 1.68  | 3.71  | 1.16  | 3.88  | 24.28  |       |
| July         | .99    | .97   | 2.32  | 2.84  | .70   | 2.56  | 4.31  | 6.43  | 1.71  | 3.30  | 26.13  |       |
| August       | 4.57   | 1.63  | 2.78  | 3.65  | 1.18  | 4.61  | 4.62  | 3.17  | 1.38  | 4.48  | 32.07  |       |
| September    | 1.71   | 1.32  | 2.13  | 2.59  | 2.38  | 2.69  | 5.58  | 2.68  | .12   | 4.81  | 26.01  |       |
| October      | .87    | 3.61  | 1.59  | 3.97  | 1.74  | 1.87  | 1.64  | 2.59  | 2.25  | 5.53  | 25.66  |       |
| November     | 5.78   | 1.38  | 1.68  | 3.63  | 2.26  | .84   | 2.06  | 1.59  | 3.80  | 3.71  | 26.73  |       |
| December     | 2.63   | 3.14  | 1.12  | 2.79  | 1.79  | 3.18  | 1.23  | 3.51  | 3.73  | 2.80  | 25.92  |       |
| TOTALS ...   | 32.66  | 25.16 | 21.85 | 30.32 | 25.89 | 25.53 | 27.84 | 34.12 | 23.21 | 41.18 | 287.76 |       |
| D            | D      | D     | D     | D     | D     | D     | D     | D     | D     | D     |        |       |

1954. House 25° @ 111° NW. Elevation No. 40° @ 112° NNE.

July. III 1958 by - poor conditions but should not be any catch. Elbow 60°/100' E are dead or dying and will soon fall otherwise satisfactory site

(43)

Position of Station on Ordnance One-Inch map : No. of Map 120 National Grid Reference SK037195

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church.            | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|-----------|---------------------------|----------------------|
| 1958  |         |       | Rugeley          | 1320'               | SE        | St Augustines<br>Rugeley. | 1300' SE             |

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 |
|----------------|--|---------|---------|---------|---------|---------|
|                |  |         | c1920 ✓ | ✓       | ✓       | ✓       |