

RAINFALL at Bridgnorth (Morelle Hall)

County of Shropshire Observer Dr W.J.S. Bythell

River Basin Severn Right Bank -3.

Type of Gauge.....

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

| Diameter | | | | | | | | | | 5" | |
|-----------------|------|------|------|------|------|------|------|------|-------|--------|-------|
| Height | | | | | | | | | | 1 1/2" | |
| Altitude | | | | | | | | | | 320' | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | | | | | | | | | 5.35 | 2.35 | |
| February | | | | | | | | | 1.05 | 2.20 | |
| March | | | | | | | | | 1.75 | 1.56 | |
| April | | | | | | | | | 1.46 | 3.15 | |
| May | | | | | | | | | 1.25 | 2.25 | |
| June | | | | | | | | | 1.07 | 1.16 | |
| July | | | | | | | | | 3.89 | 2.31 | |
| August | | | | | | | | | 1.67 | .13 | |
| September | | | | | | | | | .40 | .83 | |
| October | | | | | | | | | 3.13 | 3.64 | |
| November | | | | | | | | | 1.68 | 6.09 | |
| December | | | | | | | | | 1.98 | 1.38 | |
| TOTALS | | | | | | | | | 28.08 | 27.10 | |

1940. Yew trees 30' high 65° E.

1939. Trees 40' high 115° E.

1940. Trees 30' high 45 yds. E. Trees 25' high 50 yds. W. House 40' high 80 yds. N.

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 from gauge | Parish Church. | Distance from gauge | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|-----------------------|
| | | | Bridgnorth | 3 miles | E. | Bridgnorth | 4 miles | E. |

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

Station No.

2279/3

RAINFALL at Bridgnorth (Morville Hall)

41

County of Shropshire Observer Dr. W. J. S. Bythell

River Basin Severn: Right Bank - 3 M.W. Bythell

Type of Gauge G. L. 60 Glashier 8.0

Annual Average in. based on years obs. un-weighted. Period of average Ref

File No. A 200139/40

| Diameter | 5" | | A36 | 533 | | | | | | 5" |
|-----------|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1' 5" 0' 10" | | | | 1 | 1' 5" | | | | 1' 0" |
| Altitude | 320' | | | | 41 | | | | | 300 |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 |
| | | | | | | | | | | Means |
| January | 3.68 | 3.05 | 5.21 | 3.18 | 1.52 | 2.45 | 2.16 | 4.47 | 1.62 | .68 |
| February | 3.23 | .87 | 1.29 | 1.51 | 1.62 | 2.07 | 1.44 | 1.44 | .82 | 4.55 |
| March | 2.78 | 1.83 | 1.13 | .43 | 1.17 | .86 | 5.02 | 1.13 | 1.86 | .95 |
| April | 1.08 | 1.59 | .86 | 1.12 | .83 | 1.30 | 2.38 | 1.92 | 9.25 | 1.62 |
| May | 2.20 | 3.76 | 2.87 | 1.12 | 3.51 | 3.07 | 2.96 | 1.81 | 2.36 | 1.37 |
| June | 1.96 | 1.52 | 1.59 | 1.03 | 2.67 | 2.46 | 1.17 | 3.34 | .48 | 1.17 |
| July | 2.16 | 1.51 | 1.88 | 2.20 | 1.69 | 1.62 | 4.59 | 1.39 | 2.33 | 2.38 |
| August | 2.82 | 1.47 | 1.36 | 2.57 | 9.82 | 5.52 | .87 | 4.43 | 1.24 | 3.53 |
| September | 1.23 | 1.66 | 3.30 | 2.76 | 1.57 | 3.97 | .85 | 2.17 | 1.09 | 3.78 |
| October | 1.09 | 1.81 | 2.18 | 3.47 | 4.06 | .71 | .52 | 2.46 | 4.82 | 1.08 |
| November | 2.95 | .96 | 2.23 | 3.82 | .38 | 5.19 | 1.89 | 1.46 | 2.79 | 4.10 |
| December | 1.41 | 3.25 | 1.32 | 1.97 | 2.94 | 3.04 | 2.19 | 5.16 | 1.22 | 1.69 |
| TOTALS | 26.79 | 23.28 | 25.28 | 25.18 | 25.78 | 32.26 | 26.04 | 31.18 | 29.88 | 26.90 |

1941 Jan 25' 27" E. Trees 30' high 60y. W. House 30' high 50y. N.

1943 40' - 30y. "

1950 " 30-40' 15-20yds. E. Trees 20ft. 100yds. S.

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 from gauge | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|
| 1941 | | | Bridgnorth | 3m. | E. | Morville | 300y. |

Station No. 2279/3

51

RAINFALL at Bridgnorth (Marville Hall)

County of Shropshire Observer Dr. W. G. G. Bythell,

River Basin Severn - Right Bank - 3 Mrs. Bythell

Type of Gauge Glass

Annual Average in. based on years obs. un-weighted. Period of average Ref.
26.07 16 with 1939-56 1916-50 - 5

File No. 2200139/10

| Diameter ... | 5" | | | | 4.36 | 5.33 | | | | | |
|---------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|-------|
| Height ... | 1' 0" | | | | | | 1 | | | | |
| Altitude ... | 320' 300' | 297 | | | | 51 | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 2.10 | 2.43 | .71 | 1.40 | 2.43 | 2.58 | 1.35 | 2.22 | 2.47 | 5.57 3.82 | |
| February ... | 2.56 | .53 | 1.68 | 2.29 | 1.59 | .47 | 2.46 | 3.87 | .23 | 5.21 | |
| March ... | 4.63 | 1.73 | .99 | 2.03 | 3.12 | 1.43 | 1.85 | .91 | 2.38 | 1.56 | |
| April ... | 1.85 | 1.87 | 3.03 | .38 | 1.24 | 1.82 | .41 | .61 | 3.41 | 1.48 1.94 | |
| May ... | 3.49 | 2.51 | 2.19 | 2.94 | 5.10 | .67 | 1.23 | 2.19 | 1.71 | 2.44 | |
| June ... | .71 | 1.74 | 1.55 | 2.88 | 3.25 | 2.86 | 1.36 | 3.78 | .90 | 2.17 | |
| July ... | 1.24 | 1.08 | 2.31 | 2.08 | .69 | 2.43 | 3.96 | 3.02 | 1.30 | 2.77 | |
| August ... | 3.76 | 4.05 | 2.47 | 2.80 | 2.23 | 4.21 | 3.79 | 4.64 | .57 | 2.30 | |
| September ... | 1.63 | 1.26 | 2.36 | 2.10 | 2.18 | 3.50 | 4.84 | 4.63 | .07 | 5.12 | |
| October ... | .96 | 4.35 | 1.68 | 3.11 | 1.73 | 2.14 | 1.47 | 2.60 | 2.49 | 6.18 | |
| November ... | 4.02 | 2.70 | 1.64 | 6.57 | 2.82 | .74 | 2.43 | 1.72 | 2.62 | 5.99 | |
| December ... | 2.62 | 2.64 | 1.27 | 2.05 | 2.44 | 3.16 | 1.62 | 2.65 | 5.11 | 3.27 | |
| TOTALS ... | 32.57 | 26.89 | 21.88 | 30.63 | 28.82 | 26.01 | 26.77 | 32.64 | 23.26 | 42.27 44.16 | |
| | D | D | D | D | D | D | D | D | d | d | |

1951: Slight 3° high at 20 yds E.

1956: slightly high but accept.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 221167940

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|----------------|----------------------|
| 1951 | | | Bridgnorth | 3½ m. E. | Marville | 200 ^x E. |

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|--|---------|---------|-------------------|---------|---------------|
| | | | | 1939 d 39 D 40 | V | Vlud d 42 A 3 |