

RAINFALL at Rhayader (East Street) (Pwll G.)

County of Radnor

Observer

E Anthony Lewis & T Macaray

River Basin

Wye

Sum C (Pwll G from NW)

Rain Gauge, by

| | | | | | | | | | | | |
|--------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| Diameter ... | | | | 5 | | | | | | | |
| Height | | | | 10 | | | | | | | |
| Altitude ... | | | | | | | 100 | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | TOTALS MEANS 1910-19 |
| January ... | | | | 6.86 | 3.01 | 6.57 | 3.84 | 1.99 | 4.80 | 5.11 | 15.71 |
| February ... | | | | 2.60 | 4.68 | 6.36 | 9.99 | 1.28 | 4.39 | 3.04 | 16.50 |
| March | | | | 7.72 | 7.14 | 7.17 | 1.31 | 4.34 | 3.67 | 2.59 | 7.65 |
| April | | | | .72 | 6.78 | 2.31 | 1.77 | 4.10 | 2.78 | 1.70 | 3.10 |
| May | | | | 1.62 | 2.98 | 2.14 | 3.49 | 4.00 | 3.74 | 3.44 | 2.94 |
| June..... | | | | 5.04 | 2.84 | 2.19 | 1.34 | 2.49 | 2.33 | .80 | 2.09 |
| July | | | | | .80 | 4.40 | 5.02 | 2.05 | 2.81 | 4.29 | 1.63 |
| August..... | | | | 9.06 | 1.59 | 3.35 | 5.38 | 3.48 | 10.42 | 1.70 | 3.47 |
| September .. | | | | .78 | 2.63 | 2.66 | .49 | 3.13 | 2.57 | 9.87 | 1.82 |
| October ... | | | | 4.75 | 5.82 | 2.53 | 2.97 | 8.65 | 9.14 | 3.49 | 2.73 |
| November.. | | | | 4.69 | 6.55 | 6.61 | 4.17 | 4.61 | 4.25 | 3.48 | 3.85 |
| December... | | | | 6.85 | 3.83 | 10.55 | 11.08 | 3.43 | 1.99 | 8.85 | 10.65 |
| TOTALS ... | | | | 60.46 | 51.49 | 50.35 | 51.91 | 46.47 | 49.40 | 45.87 | 193.65 |

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| | | | | | | | | |

RAINFALL at Rhayader, (East Street)

County of Radnor

Observer F. Wallacapally Esq., C.E.
John Jones, Esq., (retired)

River Basin wye - 1

R. Charlton Esq.

Rainfall found Rain Gauge, by

500
479
479
500

for J.W. Wilkinson

| Diameter ... | 5 | | | | | | | | | | | |
|--------------|-------|-------|-------|---------|-------|-------|--------|-------|-------|-------|-------|---------|
| Height | 1.0 | | | | | | | | | | | |
| Altitude ... | 700 | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | MARSHAL |
| January ... | 6.26 | 7.50 | 7.76 | 5.13 | 6.11 | 8.10 | 7.58 | 6.71 | 9.89 | 1.67 | 8.34 | 75.05 |
| February ... | 4.19 | 3.31 | 6.22 | (11.05) | 8.1 | 10.45 | 3.33 | 4.06 | 4.57 | 1.44 | .64 | 11.07 |
| March | 7.53 | 5.45 | 4.33 | 2.23 | 1.88 | 2.08 | 1.94 | 5.02 | 3.53 | .31 | 3.16 | 37.16 |
| April..... | 7.74 | 1.51 | 4.48 | 3.28 | 4.92 | 4.31 | 2.53 | 2.81 | 1.84 | 1.04 | 3.65 | 38.20 |
| May | 8.75 | 1.62 | 7.3 | 3.76 | 5.58 | 4.14 | 2.71 | 1.60 | .79 | 2.87 | 3.20 | 30.75 |
| June | 9.24 | .68 | 1.61 | 4.3 | 2.21 | 2.0 | (2.00) | 5.03 | 5.01 | 3.05 | 1.27 | 24.73 |
| July | 5.08 | 1.76 | 5.60 | 3.41 | 6.29 | 4.09 | 6.19 | 5.17 | 2.44 | 2.93 | 4.40 | 24.36 |
| August | 1.22 | 4.75 | 2.99 | 4.41 | 5.71 | 5.89 | 4.07 | 7.24 | 5.03 | 1.86 | 5.18 | 47.85 |
| September... | 3.13 | 1.28 | 4.18 | 4.93 | 8.08 | 3.79 | 2.90 | 5.05 | 1.53 | 2.45 | 6.60 | 113.52 |
| October..... | 5.47 | 1.97 | 1.49 | 9.24 | 6.44 | 6.53 | 4.95 | 3.84 | 6.84 | 6.50 | 6.63 | 60.56 |
| November... | 2.53 | 3.76 | 2.26 | 6.50 | 4.73 | 3.70 | 8.57 | 3.68 | 9.63 | 11.41 | 6.86 | 63.63 |
| December... | 4.92 | 5.20 | 7.18 | 4.69 | 10.46 | 6.33 | 1.53 | 3.16 | 3.93 | 13.41 | 7.35 | 68.16 |
| TOTALS... | 55.16 | 35.79 | 47.83 | (87.56) | 63.28 | 59.01 | 48.30 | 53.37 | 55.03 | 48.70 | 57.28 | \$1.31 |

Inspectors C & 14.7.21 J. in small garden at edge of potato bed. Site
excellent exposure. very good gauge but found broken at A (below). will
be replaced

1923. Feb. covered by snow. site.

1925 N.P. big (F660552/26) P.T.O. for explanation robust & safe.

1926 3m. N.P. big

1929 late up.

1931 Inspector 3/9/31 Exposure good. Clean container too small



| Position of Station on reduced Ordnance Survey Map, 2 miles 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 | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| | | | | | | | | |

RAINFALL at Rhayader (East Street)

County of Radnor

Observer R. Ashton (read by Mr Vaughan)

River Basin 1-000



Type of Gauge Ume-Lindner.

Annual Average 49.2 in. based on 23 years obs. un-weighted. Period of average 1881-1945

Ref. A.W. Shb.

709325126

| Diameter | 5 | Height | 1.0 | Altitude | 700 | Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
|-----------|-------|--------|-------|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | | | | | | | | | | | | | | | | Total | |
| January | 5.84 | 7.64 | 14.92 | 5.72 | 2.40 | 6.95 | 9.81 | 8.35 | 7.98 | 3.65 | 6.83 | 6.83 | 6.83 | 6.83 | 6.83 | 6.83 | |
| February | 5.36 | 2.21 | 5.50 | 1.51 | 6.83 | 3.15 | 8.38 | 3.06 | 5.48 | 3.27 | 4.17 | 5.15 | 5.15 | 5.15 | 5.15 | 5.15 | |
| March | 1.28 | 3.53 | 3.36 | 4.50 | 1.95 | 3.16 | 3.25 | 1.61 | 3.04 | 2.99 | 2.99 | 2.99 | 2.99 | 2.99 | 2.99 | 2.99 | |
| April | 4.20 | 5.12 | 1.01 | 3.55 | 6.65 | 3.10 | 3.03 | 1.44 | 3.75 | 2.96 | 3.38 | 3.38 | 3.38 | 3.38 | 3.38 | 3.38 | |
| May | 5.50 | 4.77 | 1.39 | 2.20 | 1.85 | 1.94 | 1.69 | 1.31 | 0.97 | 2.54 | 2.71 | 2.71 | 2.71 | 2.71 | 2.71 | 2.71 | |
| June | 3.98 | 1.78 | 4.26 | 1.80 | 4.59 | 6.48 | 1.91 | 3.17 | 2.18 | 8.1 | 3.05 | 3.05 | 3.05 | 3.05 | 3.05 | 3.05 | |
| July | 3.40 | 6.23 | 2.91 | 1.66 | 1.51 | 6.55 | 2.95 | 4.38 | 7.90 | 4.78 | 10.27 | 10.27 | 10.27 | 10.27 | 10.27 | 10.27 | |
| August | 4.91 | 1.75 | 1.30 | 5.11 | 1.30 | 1.44 | 1.82 | 3.29 | 3.83 | 6.4 | 23.40 | 23.40 | 23.40 | 23.40 | 23.40 | 23.40 | |
| September | 2.71 | 4.32 | 1.14 | 3.42 | 9.08 | 3.73 | 2.47 | 1.04 | 0.57 | 2.16 | 3.06 | 3.06 | 3.06 | 3.06 | 3.06 | 3.06 | |
| October | 1.77 | 8.88 | 6.99 | 4.58 | 6.83 | 3.99 | 3.36 | 7.36 | 2.83 | 5.40 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | 5.10 | |
| November | 8.24 | 4.59 | 1.50 | 1.96 | 7.21 | 5.66 | 1.54 | 7.98 | 10.33 | 12.22 | 6.12 | 6.12 | 6.12 | 6.12 | 6.12 | 6.12 | |
| December | 3.16 | 4.05 | 1.95 | 10.55 | 4.81 | 7.25 | 4.17 | 5.75 | 3.37 | 5.16 | 5.02 | 5.02 | 5.02 | 5.02 | 5.02 | 5.02 | |
| TOTALS | 50.35 | 61.87 | 36.23 | 45.56 | 54.06 | 52.40 | +3.39 | 49.74 | 52.23 | 46.58 | 48.24 | 48.24 | 48.24 | 48.24 | 48.24 | 48.24 | |

Inspected Sept 1936 - gauge in small garden, out excellent exposure. Slopes rather over-sheltered. Read by Mr Vaughan (see Penally) 1936 * monthly total corrected by observer.
1940 Oct Total after adjusted.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1938 | | | Rhayader | 6 miles | WSW | Rhayader | 35 miles | WNW |

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

Station No. T.F. 4235

41

RAINFALL at Rhayader (East Street)

County of Radnor

Observer R. Ashton Esq.

River Basin 1-Wye



Type of Gauge Unorthodox

(cont'd) Mr. H. Vaughan

Annual Average 44.2 in. based on 23 years obs. un-weighted. Period of average 1891 - 1915 Ref. P.B. & J.Z.

File No. 70932516

| Diameter | 5 | | | | 464 | 672 | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|
| Height | 10 | | | | | | 1 | | | | |
| Altitude | 700 | | | | | | 41 | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means Total |
| January | 2.76 | 5.47 | 8.71 | 5.98 | 3.62 | 6.32 | 4.60 | 12.81 | 3.55 | 1.45 | 54.27 |
| February | 4.65 | 0.73 | 4.36 | 2.02 | 4.90 | 8.97 | 2.66 | 3.34 | 9.27 | 8.87 | 42.77 |
| March | 3.41 | 2.81 | 1.33 | 0.55 | 1.37 | 0.92 | 10.07 | 2.89 | 9.17 | 2.27 | 27.79 |
| April | 1.57 | 3.39 | 1.26 | 1.51 | 1.96 | 1.48 | 4.17 | 3.60 | 4.47 | 4.06 | 27.09 |
| May | 3.25 | 6.68 | 4.02 | 1.94 | 3.31 | 3.03 | 3.42 | 2.60 | 3.55 | 1.48 | 33.28 |
| June | 1.17 | 1.04 | 2.94 | 1.98 | 5.89 | 4.54 | 2.36 | 4.01 | 0.65 | 1.42 | 26.00 |
| July | 2.32 | 3.40 | 2.14 | 2.17 | 2.52 | 2.37 | 2.98 | 1.84 | 1.00 | 3.96 | 24.70 |
| August | 5.79 | 3.42 | 5.00 | 3.07 | 3.65 | 6.60 | 0.42 | 3.54 | 2.49 | 6.47 | 40.50 |
| September | 2.37 | 2.94 | 6.79 | 3.77 | 2.79 | 7.50 | 1.74 | 3.54 | 2.82 | 8.20 | 42.46 |
| October | 6.20 | 4.15 | 5.78 | 8.15 | 5.07 | 2.66 | 0.77 | 3.75 | 6.61 | 2.79 | 45.93 |
| November | 4.00 | 8.6 | 5.38 | 7.52 | 1.05 | 9.45 | 5.27 | 2.35 | 7.48 | 7.17 | 50.53 |
| December | 3.88 | 6.80 | 2.69 | 5.04 | 5.80 | 5.47 | 5.14 | 9.41 | 8.85 | 3.66 | 56.44 |
| TOTALS | 41.37 | 41.69 | 50.40 | 43.70 | 41.93 | 59.31 | 43.60 | 53.73 | 44.83 | 87.80 | 472.06 |

21.10.47. Inspected by M.O. Diam. 4.70, 5.00 (dead). Site v. sheltered, esp. from E through N to W. 1947 Hours 30' high 60° N.W. hours 20' high 50° N.E. hours 20' high 50° 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 from gauge | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|
| 1447 | | | Rhayader | 625* | W by S | Rhayader | 335* |

Station No. 4235

TF 19

RAINFALL at Rhyader (East Street)

County of Radnorshire C.A. Ribbley Sq. G.E.

Observer R. Ashton Esq.

River Basin 1-Wye

Type of Gauge Unrecorded

Annual Average 49.2 in. based on 23 years obs. unweighted. Period of average 1881-1915 Ref. P.B. 392.

49.06 39 (within) 1916-56 File No. 159325/26 S

51

| Diameter | 5" | | | | 464 | 672 | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Height | 10" | | | | | | 1 | | | | |
| Altitude | 700' | | | | | | 51 | | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means Total |
| January | 5.63 | 7.27 | 1.40 | 4.28 | 3.79 | 7.87 | 4.39 | 6.06 | 6.97 | 6.87 | 54.83 |
| February | 5.03 | 2.36 | 2.25 | 4.28 | 2.75 | 0.82 | 5.56 | 7.88 | 0.39 | 6.92 | 38.24 |
| March | 5.25 | 1.53 | 4.74 | 4.09 | 4.32 | 3.39 | 4.13 | 1.57 | 2.95 | 2.41 | 34.38 |
| April | 4.40 | 2.38 | 3.59 | 1.21 | 2.29 | 1.90 | 0.21 | 1.28 | 5.34 | 3.77 | 26.34 |
| May | 3.59 | 3.79 | 1.81 | 3.29 | 5.91 | 0.61 | 2.60 | 3.78 | 2.91 | 2.06 | 30.41 |
| June | 0.80 | 2.54 | 1.59 | 5.50 | 5.49 | 2.75 | 2.12 | 3.85 | 3.48 | 2.39 | 30.51 |
| July | 2.00 | 1.87 | 4.33 | 3.54 | 0.99 | 4.00 | 4.07 | 4.90 | 3.33 | 4.84 | 33.87 |
| August | 4.36 | 4.45 | 4.47 | 5.85 | 1.40 | 5.28 | 6.40 | 3.15 | 0.71 | 3.90 | 39.97 |
| September | 3.93 | 3.98 | 5.18 | 5.48 | 2.36 | 5.14 | 10.22 | 6.41 | 0.12 | 3.86 | 46.68 |
| October | 1.11 | 5.99 | 3.11 | 6.16 | 3.94 | 3.63 | 3.97 | 4.62 | 5.71 | 6.26 | 44.50 |
| November | 10.97 | 3.44 | 4.34 | 10.27 | 4.35 | 3.08 | 3.50 | 2.73 | 6.50 | 10.14 | 59.32 |
| December | 6.73 | 6.04 | 1.54 | 5.38 | 6.43 | 5.91 | 4.45 | 5.03 | 9.81 | 8.03 | 58.35 |
| TOTALS | 53.80 | 45.61 | 38.40 | 59.33 | 43.02 | 44.38 | 51.62 | 51.26 | 78.22 | 61.45 | 497.40 |

1947 Hours 80° high 60° NW. Hours 20° high 50° NE. Hours 20° high 50° E.
 July 1951. 6.0K. Rain a little drier other wise g. & improve satisfactory
 Part 9.3E SSE. 2.25.4ENE.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference SN 972680

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|----------------|----------------------|
| 1947 | | | Rhyader | 625yd W by S | Rhyader | 335yd W NW |

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|--|---------|---------|---|------------------------|---------|
| | | | — | 1951 71 1932-57 1958-59 D 1940 — | 1941-45 — 1946-50 D | |