

RAINFALL at Caerfanell Valley, Daren TowerCounty of BreconObserver Newport CorporationRiver Basin Usk - 7

Snowdon Rain Gauge, by _____

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|---------|-------|--------|
| Diameter ... | | | | | | | | | 5 | | |
| Height | | | | | | | | | 10 | | |
| Altitude ... | | | | | | | | | 1172 | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | | | | | | | | | | 9.76 | |
| February ... | | | | | | | | | | 4.72 | |
| March | | | | | | | | | | 7.78 | |
| April | | | | | | | | | | 3.59 | |
| May | | | | | | | | | | .99 | |
| June | | | | | | | | | | 2.98 | |
| July | | | | | | | | | | 2.06 | |
| August | | | | | | | | | | 4.89 | |
| September... | | | | | | | | | # 12.80 | 3.79 | |
| October ... | | | | | | | | | 5.39 | 2.94 | |
| November .. | | | | | | | | | 6.18 | 4.55 | |
| December... | | | | | | | | | 12.21 | 13.37 | |
| TOTALS ... | | | | | | | | | imp D | 61.22 | |

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

RAINFALL at Winfanton (Doncaster)County of West YorkObserver Newport CorporationRiver Basin Udick 7

Rain Gauge, by _____

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 1.0 | | | | | | | | | | |
| Altitude ... | 1172 | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. |
| January ... | 12.70 | 11.04 | 7.67 | 6.09 | 9.00 | 10.00 | 11.48 | 8.15 | 16.96 | 3.07 | 13.77 |
| February ... | 5.02 | 3.3 | 11.19 | 17.37 | 8.1 | 13.68 | 6.64 | 6.49 | 9.75 | 1.74 | .73 |
| March | 8.82 | 8.43 | 8.13 | 2.54 | 3.41 | 1.12 | 1.96 | 7.31 | 6.39 | 1.60 | 4.15 |
| April | 12.12 | 1.50 | 5.52 | 5.65 | 7.05 | 6.05 | 4.30 | 2.53 | 2.21 | 1.01 | 5.68 |
| May | 5.26 | 2.68 | 1.84 | 4.34 | 6.06 | 8.36 | 3.51 | 2.63 | .62 | 6.50 | 2.90 |
| June | 5.11 | .43 | 2.22 | 1.60 | 3.82 | .00 | 3.07 | 5.92 | 6.10 | 4.18 | 3.21 |
| July | 8.87 | 3.81 | 8.48 | 4.43 | 7.63 | 3.65 | 3.30 | 5.58 | 4.39 | 4.97 | 5.47 |
| August | 2.92 | 7.75 | 5.84 | 6.11 | 8.41 | 5.92 | 6.70 | 12.16 | 5.67 | 4.08 | 7.02 |
| September... | 6.06 | 4.09 | 5.22 | 6.25 | 11.01 | 5.09 | 3.25 | 9.56 | 2.81 | 2.20 | 7.55 |
| October | 6.38 | 2.78 | 2.45 | 11.70 | 9.74 | 9.91 | 6.40 | 9.76 | 12.54 | 10.50 | 8.93 |
| November... | 4.55 | 5.30 | 3.03 | 6.23 | 6.14 | 3.98 | 15.66 | 6.74 | 14.58 | 19.03 | 8.76 |
| December... | 10.55 | 8.53 | 10.11 | 5.80 | 12.65 | 7.66 | .58 | 4.17 | 7.80 | 19.41 | 7.50 |
| TOTALS... | 88.36 | 56.67 | 71.70 | 78.11 | 86.03 | 75.32 | 66.85 | 81.00 | 89.82 | 78.29 | 75.67 |

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

Reference No. _____

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

RAINFALL at Torpantau (Dafenfawr)County of Bacon Observer Newport Corporation.River Basin 7-448Type of Gauge StandardAnnual Average 70.4 in. based on years obs. un-weighted. Period of average Ref. 660606/26

| | | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Diameter | 5. | | | | | | | | | | | |
| Height | 1.0. | | | | | | | | | | | |
| Altitude | 1172 | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | |
| | | | | | | | | † | | | | |
| January | 5.31 | 13.38 | 7.39 | 12.10 | 1.91 | 10.53 | 12.66 | 12.47 | 12.56 | 3.69 | 7200 | |
| February | 5.02 | 11 | 9.27 | 77 | 7.92 | 3.82 | 11.23 | 3.66 | 8.13 | 5.48 | 5541 | |
| March | 1.16 | 4.83 | 6.80 | 6.55 | 2.53 | 5.50 | 5.41 | 1.23 | 3.64 | 6.62 | 4427 | |
| April | 4.91 | 7.65 | 2.10 | 5.13 | 9.78 | 4.20 | 5.53 | 3.30 | 5.01 | 5.26 | 4997 | |
| May | 5.15 | 8.42 | 2.40 | 4.80 | 1.66 | 1.99 | 2.86 | 5.48 | 1.02 | 2.12 | 3590 | |
| June | 7.10 | 2.96 | 4.50 | 2.82 | 8.72 | 3.85 | 2.90 | 5.40 | 5.68 | 8.5 | 4528 | |
| July | 6.58 | 6.92 | 6.21 | 2.44 | 1.39 | 10.45 | 4.80 | 5.62 | 15.78 | 5.07 | 6526 | |
| August | 6.36 | 1.54 | 1.74 | 6.86 | 2.54 | 1.70 | 1.84 | 4.86 | 3.75 | 81 | 3200 | |
| September | 3.21 | 7.35 | 2.80 | 6.95 | 11.27 | 4.81 | 3.60 | 2.65 | 1.32 | 4.81 | 4777 | |
| October | 2.12 | 13.79 | 10.61 | 7.34 | 9.49 | 5.24 | 4.82 | 12.52 | 5.75 | 10.05 | 8183 | |
| November | 16.39 | 6.15 | 1.71 | 2.99 | 11.57 | 8.00 | 3.91 | 12.59 | 14.57 | 16.54 | 9442 | |
| December | 4.45 | 7.91 | 2.44 | 16.65 | 7.29 | 12.23 | 5.78 | 7.24 | 4.54 | 5.78 | 7431 | |
| TOTALS | 67.76 | 81.01 | 57.97 | 74.40 | 76.07 | 72.52 | 65.34 | 74.52 | 81.75 | 67.08 | 71842 | |
| | | | | | | | | | m | m | | |

+ Inspected 12/5/38 by J.W. Glasspool. Good site. Time well suggested.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| | | | | | | | | |

Station No. T.F. 4179

RAINFALL at Torpantau (Doverfawr)

41

County of BreconObserver Newport CorporationRiver Basin 7-11-16Type of Gauge SnowdonAnnual Average 70.4 in. based on 24 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. I.W.S.File No. 660606/26

| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|
| Diameter | 5 | | | | 483 | 562 | | | | | |
| Height | 10 | | | | | 1 | | | | | |
| Altitude | 1172 | | | | | 41 | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 3.82 | 7.19 | 15.05 | 11.55 | 5.00 | 11.93 | 6.56 | (18.80) | 8.42 | 2.99 | |
| February | 8.95 | 1.35 | 7.12 | 1.72 | 9.45 | 8.94 | 2.58 | (4.59) | 3.34 | 10.88 | |
| March | 4.85 | 5.29 | 1.86 | .56 | 4.43 | 2.50 | 13.55 | (4.82) | 2.98 | 4.08 | |
| April | 1.87 | 3.68 | 2.65 | 3.93 | 4.22 | 2.57 | 7.21 | (4.42) | 5.95 | 6.38 | |
| May | 4.74 | 9.19 | 6.94 | 3.67 | 6.51 | 4.23 | 3.03 | 4.33 | 6.03 | 3.14 | |
| June | 2.72 | 35 | 8.29 | 4.02 | 6.94 | 7.22 | 4.52 | (7.46) | 1.09 | 2.62 | |
| July | 4.89 | 5.34 | 5.20 | 4.02 | 4.85 | 4.16 | 4.14 | 2.31 | 1.39 | 7.24 | |
| August | 9.06 | 8.45 | 7.35 | 5.87 | 4.94 | 10.91 | .71 | 6.63 | 3.61 | 10.62 | |
| September | 1.41 | 5.79 | 7.22 | 7.22 | 7.18 | 11.80 | 3.69 | 6.95 | 2.89 | 11.20 | |
| October | 12.07 | 7.94 | 7.35 | 9.37 | 9.86 | 1.61 | 2.01 | 6.33 | 11.49 | 2.85 | |
| November | 6.31 | 1.52 | 6.01 | 10.69 | .80 | 15.69 | 9.27 | 3.89 | 8.02 | 9.00 | |
| December | 7.45 | 14.88 | 3.34 | 5.92 | 10.36 | 8.24 | 6.23 | 14.37 | 8.30 | 3.49 | |
| TOTALS | 68.14 | 71.57 | 78.38 | 68.54 | 74.54 | 89.80 | 63.50 | (84.90) | 56.81 | 76.09 | |

1948 Engineer unable to account for low totals. Surf well to be built.

R.P. too much cut.

1949 no. less.

1950 fig total slightly low. Feb may be the cause.

75004

7973

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. | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| | | | | | | | | |

BRITISH RAINFALL ORGANIZATION

Station No.

4179 TF 53

51

RAINFALL at Tarpantau (Darenfawr)County of BucknockshireObserver Newport CorporationRiver Basin Y-UskType of Gauge SnowdonAnnual Average 10.4 in. based on 24 years obs. unweighted. Period of average 1881-1915 Ref. 1WS.. .. 72.73 37 (within) 919-56File No. 1916 1915 1916 1916 1916 1916

| Diameter ... | 5" | | | | 483 | 562 | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height ... | 1' 0" | | | | | 1 | | | | | |
| Altitude ... | 1172' | | | | | 51 | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 9.03 | 9.08 | 2.13 | 4.20 | 5.97 | 10.10 | 10.86 | 8.22 | 10.70 | 9.16 | |
| February ... | 9.88 | 1.48 | 3.16 | 6.76 | 2.68 | 4.45 | 8.56 | 11.51 | 5.55 | 11.48 | |
| March ... | 8.35 | 5.48 | 6.57 | 5.30 | 3.89 | 3.05 | 9.10 | 2.72 | 8.12 | 3.62 | |
| April ... | 6.30 | 5.37 | 4.93 | 1.50 | 2.82 | 1.99 | 3.35 | 2.30 | 7.36 | 7.11 | |
| May ... | 4.39 | 6.68 | 4.22 | 4.62 | 6.61 | 1.70 | 3.76 | 7.52 | 2.74 | 2.45 | |
| June ... | 1.96 | 4.12 | 2.06 | 7.06 | 7.76 | 3.57 | 1.28 | 4.69 | 2.85 | 4.50 | |
| July ... | 2.23 | 2.40 | 7.71 | 4.21 | 1.21 | 6.80 | 6.62 | 4.87 | 6.13 | 7.90 | |
| August ... | 9.69 | 10.90 | 5.53 | 7.26 | 2.03 | 6.91 | 5.04 | 6.00 | 1.50 | 5.43 | |
| September ... | 5.97 | 4.87 | 7.11 | 9.16 | 3.63 | 8.18 | 10.47 | 12.35 | 3.33 | 6.67 | |
| October ... | 2.28 | 8.12 | 4.23 | 15.25 | 3.87 | 2.50 | 7.28 | 8.06 | 7.78 | 11.52 | |
| November ... | 15.66 | 4.03 | 7.05 | 16.45 | 6.41 | 1.90 | 3.69 | 3.07 | 11.73 | 18.07 | |
| December ... | 10.28 | 7.43 | 2.25 | 8.23 | 10.88 | 9.36 | 8.20 | 7.56 | 22.06 | 11.19 | |
| TOTALS ... | 86.02 | 69.96 | 57.25 | 90.00 | 56.75 | 56.51 | 75.21 | 78.87 | 81.85 | 99.10 | |
| | M | M | n.p. | M | M | n.p. | M | M | M | M | |

1952 Afforestation taking place in the area will eventually over-shelter the gauge. Authority advised to set up a second gauge early, or move gauge to new site. Re. 14/10. Equiv Station gauge, bond 3/54. Chalmers to be replaced by new gauge.

1953. n.p. low. Afforestation taking place.

1954. Afforestation is not yet begun. New site will be chosen when planting reaches the area.

1957. Cont.

50(32)73164

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 50(32)73164

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

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|-----------|-----------|-------------|------------|---------|
| | 1918 imp. | 1920 D | 1931 - 38 - | 1941-49 - | |
| | 1919 - | 1921-30 - | 1939 - 40 M | 1949-49 NP | |
| | | | | 1950 - | |