

RAINFALL AT Lake Gowlyd Gauge BFairfax

Lat.

Lon.

County of Carnarvon

Snowdon Rain Gauge, by N. & T.
Conway & C - 2.

Observer J. B. Farrington C.E.

| Diameter ... | | | | | | | | | | 5" | |
|--------------|------|------|------|------|------|------|------|------|------|--------|--------|
| Height | | | | | | | | | | 100 | |
| Altitude ... | | | | | | | | | | 1700 | |
| Year ... | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January ... | | | | | | | | | | 10.03 | 8.21 |
| February ... | | | | | | | | | | 6.23 | 2.99 |
| March | | | | | | | | | | 9.44 | 7.71 |
| April | | | | | | | | | | 3.85 | 6.47 |
| May | | | | | | | | | | 5.85 | 1.92 |
| June | | | | | | | | | | 6.78 | 2.74 |
| July | | | | | | | | | | 6.00 | 6.80 |
| August | | | | | | | | | | 6.76 | 5.37 |
| September .. | | | | | | | | | 4 | 8.45 | 7.95 |
| October ... | | | | | | | | | | 12.98 | 3.17 |
| November .. | | | | | | | | | | (6.79) | 10.40 |
| December ... | | | | | | | | | | 10.48 | 7.33 |
| TOTALS ... | | | | | | | | | | 84.29 | 82.50 |

Glenncock Station+ Erected by C.S.
Inspected by H.R.M.On steep mountain slope, with turf shelter
(left bank)

RAINFALL at Lake Cowlyd Ffrith Fawr - B

County of Cameron

Observer J.B. Farnington by C.E.

River Basin Conway + C 2

E. Jones, Ob.

Snowdon Rain Gauge, by -

Gal. iron 5.00 all round

Glen comes 31.7.20

+ Inspected J.S. 31.7.20

9. on steep side of hill facing S.E.
on slight terrace. As good as could be obtained
sheltered by mountain on S.W. & W.

+ Inspected

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|-----------------------|-----------|------------|---------|-----------|------------|
| 1911 | | | Llanrwst Dolgarrog | | | | | |

RAINFALL at Llyn y Gwynedd (B)

County of Caernarvon.

Observer S. F. Griffiths.

River Basin Conway & 2.

Conway & Dolgellau Bay Water Bd.

Rain Gauge, by _____

| | | | | | | | | | | |
|--------------|--------------|---------|-------|-------|-------|-------|-------|-------|--------|-------|
| Diameter ... | 5" | | | | | | | | | 5 |
| Height | 10 | | | | | | | | | 10 |
| Altitude ... | 500 | | | | | | | | | 1700 |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 |
| | | | | | | | | | | 1930. |
| January | 9.95 | 12.41 | 7.82 | 6.88 | 10.10 | 11.64 | 11.10 | 16.96 | 3.00 | 14.50 |
| February | 9.05 | 12.24 | 11.15 | 2.00 | 10.82 | 9.00 | 3.70 | 10.30 | 1.80 | .80 |
| March | 9.29 (10.50) | 2.18 | 2.18 | 2.58 | 2.66 | 4.14 | 9.48 | 5.80 | 1.50 | 3.30 |
| April | 9.82 | 2.80 | 3.79 | 5.71 | 4.84 | 5.02 | 5.40 | 2.38 | 1.81 | 4.00 |
| May | 6.22 | 4.53 | 5.68 | 7.19 | 7.16 | 6.76 | 2.83 | 2.52 | 4.50 | 2.90 |
| June | 3.42 | 1.03 | 3.07 | 6.26 | .05 | 6.83 | 2.15 | 11.30 | 2.80 | 2.40 |
| July | 13.74 | 7.96 | 4.34 | 6.65 | 3.36 | 7.50 | 5.30 | 2.35 | 5.70 | 7.50 |
| August | 7.87 | 7.23 | 8.32 | 10.13 | 5.50 | 6.63 | 13.23 | 10.00 | 7.10 | 7.30 |
| September | 3.86 | | 7.81 | 4.95 | 9.06 | 4.88 | 10.40 | 3.10 | 3.10 | 7.00 |
| October | 4.12 | 5.31 | 11.89 | 7.60 | 12.61 | 6.15 | 10.30 | 13.55 | 10.40 | 13.30 |
| November | | 4.90 | 10.94 | 4.00 | 4.15 | 12.22 | 10.21 | 15.75 | 15.50 | 10.70 |
| December | | 11.10 | 11.97 | 15.81 | 11.38 | 2.50 | 2.69 | 8.05 | 10.70 | 9.20 |
| TOTALS... | 0 | (72.87) | 82.66 | 89.96 | 84.86 | 81.67 | 82.27 | 92.79 | 102.06 | 67.91 |
| | | | | | | | | | | 82.90 |

Feb. 31/2/20 Found on left side of hill facing S.E. on slight terrace, ab. pool a position as could be observed. Shaded by mountain on S.E. & W.

1921. March ect.

1929. N. P. low. Llyn y Gwynedd. (Endo. 10" File 744290/27)

1930. N. P. low. Distance to lake from gauge 4 mts.

Position of Station on reduced Ordnance Survey } No. of Map _____

Reference No. _____

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1929 | | | Dolgarrog. | 6 m. | N.E. | Trefriw | 5 m. E. |

RAINFALL at Lake Cowlyd (3)

(Ffrith Fawr)

County of CornwallObserver C.F. Farrington G.E. died 1/39River Basin. 3. Conway &c.

Commr. & Colm. P. R. M. B. Ref.

Type of Gauge new Octapent

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

744290/27.

Ref.

| Diameter | 5 | | | | | | | | | | Means |
|-----------|-------|-------|-------|---------|-------|-------|-------|-------|-------|--------|----------|
| Height | 1' 0" | | | | | | | | | | |
| Altitude | 1700' | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | |
| January | 8.70 | 13.89 | 10.05 | 15.00 | 6.50 | 9.20 | 7.90 | 10.90 | 19.50 | 5.80 | 10744 |
| February | 7.10 | 13 | 5.05 | 7.76 | 17.60 | 3.40 | 10.40 | 6.90 | 6.40 | 5.20 | 6094 |
| March | 1.60 | 3.60 | 3.10 | 8.30 | 3.80 | 5.90 | 19.00 | 5.20 | 5.90 | 4.10 | 6050 |
| April | 6.70 | 6.80 | 2.45 | 2.96 | 6.90 | 2.90 | 7.00 | -80 | 4.75 | 5.85 | 4680 |
| May | 5.20 | 4.35 | 2.15 | 5.40 | 3.60 | 2.80 | 1.60 | 5.40 | 1.15 | 3.05 | 3470 |
| June | 6.90 | 1.90 | 6.25 | 2.90 | 8.40 | 7.00 | 3.40 | 9.30 | 4.40 | 1.20 | 5165 |
| July | 4.50 | 8.60 | 4.45 | 2.00 | 1.70 | 7.10 | 2.30 | 9.25 | 8.10 | 4.70 | 5270 |
| August | 10.20 | 1.90 | 3.10 | 10.10 | 2.10 | 2.90 | 2.10 | 3.10 | 3.20 | 1.90 | 4060 |
| September | 6.23 | 6.25 | 1.65 | 11.50 | 10.00 | 7.10 | 4.30 | 2.80 | 1.00 | 6.20 | 5703 |
| October | 4.50 | 10.40 | 8.95 | 11.50 | 14.80 | 7.50 | 4.40 | 10.90 | 6.20 | 8.80 | 8795 |
| November | 17.30 | 5.60 | 2.30 | 6.04 | 10.20 | 7.50 | 2.40 | 9.50 | 10.00 | 13.30 | 8414 |
| December | 5.20 | 6.30 | 1.30 | 13.90 | 5.30 | 17.00 | 8.00 | 5.40 | 6.25 | 4.80 | 7345 |
| TOTALS | 84.13 | 69.72 | 50.80 | (40.35) | 90.90 | 80.30 | 72.80 | 77.45 | 76.8 | 564.60 | 75790 KM |

Loss of since 1929.

1933. Gauge inspected 14th September - found to be on unorthodox site - recommended to be removed or replaced by octapent gauge ^{not as representative} on new site selected - surrounded by 10ft turf wall. N.P. LOW.

1940 Jan part std. for snow.

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

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

Station No. 142481

41

RAINFALL at Lake Conwy (Ffrith Fawr) B.

County of Carnarvon

Observer Conway + (Llyn Penrh. W. Bd.)

River Basin 2-Conway &c.

Type of Gauge New Octagonal

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

File No. 7444.2.9.1.27

| | | | | | | | | | | | |
|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter | 5 | | | 536 | 097 | | | | | | |
| Height | 10 | | | | 1 | | | | | | |
| Altitude | 1700' | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | (4.30) | 6.80 | 13.00 | 14.90 | 7.50 | 9.50 | 11.45 | 18.05 | 12.00 | 14.80 | |
| February | 9.40 | 5.20 | 4.70 | 2.75 | 9.40 | 11.75 | 1.60 | 6.82 | 4.45 | 15.08 | |
| March | 8.90 | 4.30 | 1.50 | 5.20 | 3.25 | 3.95 | 12.55 | 2.75 | 3.54 | 4.25 | |
| April | 2.60 | 5.05 | 4.90 | 2.90 | 4.40 | 1.75 | 10.56 | 3.45 | 9.38 | 7.20 | |
| May | 4.20 | 5.00 | 8.40 | 2.75 | 4.25 | 2.15 | 4.30 | 3.25 | 4.32 | 1.69 | |
| June | 0.90 | 0.65 | 6.00 | 3.60 | 5.05 | 6.85 | 4.12 | 11.85 | 1.43 | 3.56 | |
| July | 2.50 | 6.25 | 5.60 | 5.70 | 4.50 | 3.80 | 3.45 | 4.30 | 3.26 | 5.63 | |
| August | 7.80 | 8.00 | 8.50 | 3.85 | 1.60 | 6.00 | 0.48 | 6.84 | 3.40 | 9.86 | |
| September | 1.00 | 4.40 | 8.50 | 9.30 | 5.50 | 9.30 | 5.84 | 8.45 | 2.6 | 16.65 | |
| October | 7.40 | 10.10 | 8.25 | 9.50 | 8.75 | 1.95 | 1.06 | 4.25 | 9.80 | 7.83 | |
| November | 4.40 | 1.45 | 6.05 | 12.55 | 1.25 | 12.30 | 11.65 | 3.83 | 10.83 | 7.93 | |
| December | 5.00 | 7.55 | 3.65 | 8.55 | 6.05 | 10.50 | 3.76 | 9.28 | 16.13 | 10.50 | |
| TOTALS | 58.40 | 64.75 | 78.45 | 81.55 | 61.50 | 79.80 | 70.82 | 83.13 | 80.60 | 94.98 | |
| | M | M | M | M | M | M | M | M | M | M | |

1941 Jan. 1st d. for sun. 1943 np low. 1945 np low. 1946 np low.

1948 np low.

40004

3
60.50 50.95 v
< 10.0

" gauge over exposed" printed in BR 1942.

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

Station No. 43481

51

RAINFALL at 11 Lake Cwylld (Ffrith Fawr) X

County of Caernarvonshire Observer Conway & Llynnon Bay N.Bd.

River Basin 2 - Conway & C.

Type of Gauge Octagonal (Bosella)

Annual Average in. based on years obs. un-weighted. Period of average Ref.
 " " 94.46 " " 7 " " 1949-54. 1916-50 S
 File No. 744290 127

| Diameter ... | 5" | | | 536 | 097 | | | | | 5" | |
|--------------|--------|-------|-------|--------|-------|---------|-------|-------|-------|-------|-------|
| Height ... | 1' 0" | | | | | 1 | | | | 110" | |
| Altitude ... | 1700' | | | | | 51 | | | | 1700' | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 10.69 | 12.00 | 3.83 | 10.13 | 8.20 | 9.57 | 12.45 | 11.90 | 12.32 | 13.56 | |
| February | 9.55 | 4.00 | 2.76 | 7.35 | 4.50 | 1.19 | 6.61 | 14.63 | 1.44 | 12.08 | |
| March | 11.67 | 5.15 | 3.20 | 7.26 | 3.34 | 4.69 | 6.74 | 3.00 | 3.88 | 2.97 | |
| April | 6.74 | 4.75 | 7.69 | 2.00 | 4.04 | 2.79 | 1.25 | 1.46 | 7.82 | 4.22 | |
| May | 3.88 | 2.72 | 4.26 | 7.66 | 6.32 | 3.44 | 4.00 | 7.24 | 1.21 | 2.13 | |
| June | 3.45 | 6.58 | 3.68 | 6.40 | 3.86 | 3.65 | 1.44 | 3.58 | 2.68 | 2.80 | |
| July | 4.00 | 2.52 | 8.10 | 8.98 | 1.67 | 10.72 | 9.43 | 7.49 | 4.67 | 7.44 | |
| August | 10.48 | 7.46 | 7.20 | 8.15 | 2.80 | (19.00) | 12.16 | 5.58 | 1.21 | 5.45 | |
| September | 9.48 | 13.00 | 10.27 | 12.15 | 3.97 | (7.57) | 13.05 | 8.17 | 0.62 | 5.82 | |
| October | 1.49 | 14.50 | 3.95 | 22.57 | 6.76 | (5.56) | 8.93 | 6.52 | 8.23 | 6.24 | |
| November | 14.07 | 8.46 | 12.54 | 17.16 | 2.94 | 3.32 | 3.85 | 3.26 | 11.15 | 22.40 | |
| December | 19.23 | 9.72 | 4.87 | 10.48 | 8.13 | 9.03 | 8.42 | 4.12 | 14.05 | 10.10 | |
| TOTALS | 104.03 | 90.86 | 72.35 | 119.97 | 56.53 | 80.13 | 88.33 | 77.35 | 69.28 | 95.21 | |
| | | | | NP | NP | NP | NP | NP | NP | NP | |

1951 Total greater than that of Ffrith Garry 1950, as would be expected, but was 1950 1951-1950.

1955 np. much too low.

1956 NP TMG, low, 0 Ex.

00344

1957 np. low. There are boulders etc due to location on barren rocky hillside.

1958 np. (low).

1959 Infected 12.8-60 by Gibbularia. unsatisfactory site in steep NW-SE hillside. Rec. alt site. nearest available at SH(23)72963 at 1270'. 0.6 S-SE and N-NE but reasonable with turf wall.

Gauge over exposed

1960 np. low. poor site.

722626

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference SH(23)72963

| 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 |
|-------------------|-----------|------------|------------|------------|---------|
| | 1910-19 D | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
| | 1914-15 | 1921 | 1931-33 NP | 1941-42 N | |
| | 1916-17 | 1922 | 1936-37 | 1942-53 NP | |
| | 1918-19 | 1923 | 1937-38 | 1944-55 | |
| | 1919-20 | 1924-30 NP | 1938-39 | 1945-46 NP | |
| | | | 1940-41 | 1946-50 N | |