

RAINFALL AT Tan-y-welch, The GardensLat.Long.County of MerionethRain Gauge, byObserver Mr J. RobertsGwynlyn - 3.

| | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|-------|--------|
| Diameter | | | | | | | | | | 5 | |
| Height | | | | | | | | | | 1.0 | |
| Altitude | | | | | | | | | | 50 | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | | | | | | | | | | 10.21 | 8.98 |
| February | | | | | | | | | | 5.86 | 4.63 |
| March | | | | | | | | | | 2.77 | 2.32 |
| April | | | | | | | | | | 3.99 | 7.14 |
| May | | | | | | | | | | 7.00 | 3.77 |
| June | | | | | | | | | | 4.23 | 3.27 |
| July | | | | | | | | | | 1.42 | 2.75 |
| August | | | | | | | | | | 9.64 | 2.57 |
| September | | | | | | | | | | 3.04 | 5.62 |
| October | | | | | | | | | | 4.87 | 4.73 |
| November | | | | | | | | | | 4.31 | 4.55 |
| December | | | | | | | | | | 7.87 | 3.51 |
| TOTALS | | | | | | | | | | 65.21 | 53.84 |

RAINFALL AT Tan-y-bwlch The Gondwana

Lat.

Lon.

County of Merioneth

Rain Gauge, by

Observer

Mr J. Roberts

glyn - 3.

| Diameter .. | 5 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------|
| Height | 1 0 | | | | | | | | | | |
| Altitude .. | 50 ? | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 6.80 | 4.47 | 4.59 | 8.50 | 5.78 | 4.43 | 9.19 | 4.44 | 6.81 | 4.20 | 5.921 |
| February .. | 5.35 | 2.82 | 1.74 | 4.92 | 4.99 | 3.08 | 5.77 | 3.72 | 6.72 | 1.54 | 40.65 |
| March | 1.62 | 4.91 | 5.36 | 8.47 | 4.88 | 6.97 | 7.05 | 5.02 | 6.81 | 4.96 | 5.555 |
| April | 3.66 | 4.05 | 2.16 | 3.04 | 5.48 | 6.30 | 2.26 | 3.30 | 3.86 | 5.11 | 3.943 |
| May | 3.39 | 1.76 | 5.48 | 3.67 | 4.19 | 1.39 | 9.08 | 4.14 | 6.76 | 3.21 | 14.202 |
| June | 3.99 | 4.60 | 4.29 | 1.40 | 1.67 | 2.75 | 3.48 | 7.59 | 3.94 | 3.43 | 3.714 |
| July | 3.42 | 2.57 | 3.03 | 6.43 | 3.14 | 5.29 | 2.61 | 3.94 | 6.75 | 8.86 | 14.604 |
| August | 8.05 | 9.54 | 4.88 | 10.29 | 6.22 | 7.07 | 7.89 | 7.35 | 6.10 | 3.47 | 7.086 |
| September .. | 3.68 | 2.53 | 1.93 | 8.26 | 4.82 | 3.09 | 2.17 | 1.15 | 4.92 | 7.13 | 3.068 |
| October.... | 8.04 | 6.39 | 6.03 | 12.54 | 4.21 | 6.44 | 8.07 | 11.00 | 2.02 | 11.13 | 7.587 |
| November .. | 5.79 | 8.39 | 4.17 | 7.30 | 3.53 | 6.20 | 4.15 | 5.14 | 6.74 | 3.61 | 5.505 |
| December .. | 8.14 | 8.57 | 5.66 | 4.56 | 7.03 | 2.78 | 8.97 | 5.64 | 6.20 | 10.43 | 6.798 |
| TOTALS .. | 61.93 | 60.60 | 49.27 | 79.38 | 55.94 | 55.82 | 69.69 | 62.43 | 67.13 | 67.08 | 62.92 55.4 |

D → D → D → D → D

1902 Maentwrog church 1 mile E

1903 Tan-y-bwlch Station 1 N

Holt

RAINFALL at Tamworth The Gardens

County of Merioneth

Observer Mr J Roberts

River Basin Glaslyn

Rain Gauge, by—

| | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|----------------|
| Diameter ... | 5 | | | | | | | | | |
| Height | 10 | | | | | | | | | |
| Altitude ... | 50? | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | MEANS. |
| January ... | 6.44 | 3.06 | 5.40 | 7.58 | 6.88 | 9.61 | 14.86 | 4.21 | 5.93 | 5.90 |
| February ... | 7.70 | 6.10 | 3.70 | 2.57 | 6.32 | 9.21 | 9.29 | 3.05 | 7.62 | 2.54 |
| March | 3.60 | 4.09 | 10.56 | 6.55 | 8.63 | 4.15 | 1.42 | 3.48 | 3.09 | 8.95 |
| April | 4.77 | 5.07 | 1.14 | 7.38 | 1.12 | 3.91 | 5.25 | 4.24 | 2.08 | 4.16 |
| May | 3.75 | 3.43 | 2.49 | 4.59 | 4.51 | 3.66 | 6.79 | 3.93 | 5.13 | 1.84 |
| June | 4.47 | 3.40 | 8.41 | 5.42 | 2.99 | 2.78 | 4.98 | 5.32 | 4.06 | 5.00 |
| July | 6.34 | 1.46 | 7.53 | 2.86 | 6.75 | 7.75 | 1.83 | 2.87 | 5.41 | 3.59 |
| August | 8.37 | 7.68 | 11.19 | 3.89 | 6.29 | 4.23 | 4.24 | 13.93 | 5.26 | 4.73 |
| September .. | .57 | 5.20 | 1.42 | 5.36 | 4.13 | 3.26 | 7.32 | 6.35 | 15.09 | 5.64 |
| October ... | 4.93 | 5.21 | 7.67 | 6.70 | 2.00 | 2.63 | 12.34 | 11.87 | 7.97 | 4.48 |
| November ... | 7.61 | 8.70 | 9.34 | 8.72 | 6.78 | 5.74 | 5.55 | 7.80 | 6.25 | 4.85 |
| December ... | 11.82 | 10.76 | 4.61 | 5.87 | 10.18 | 12.01 | 3.93 | 3.91 | 10.70 | (12.51) |
| TOTALS ... | 69.87 | 64.16 | 77.46 | 67.52 | 66.58 | 68.94 | 165.60 | 70.96 | 78.59 | (63.85) 69.353 |

1919. Dec. 22nd. interpolated (3.25 in.).

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|-----------|-----------|------------|
| 1911 | | | Tan-y-bwlch | 1 mi | N | Maentwrog | 1 mi | E. |

RAINFALL at ~~Bwlch (Bwlch)~~
~~John Roberts~~

County of Merioneth.

Observer ~~Robert Jackson~~River Basin ~~Glaslyn~~ 3~~John Roberts~~
W.W. Davies (26)Gauge Rain Gauge by
(27)

| Diameter ... | 5" | | | | | | | 5 | | | |
|--------------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|--------------------|
| Height | 1.5 | | | | | | 10 | | | | |
| Altitude ... | 52 | | | | | | 55 | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | MILLIMES. 1930. |
| January ... | 7.85 | 9.69 | 6.80 | 7.80 | 5.15 | | 7.42 | 8.14 | 12.05 | 3.38 | 9.16 |
| February ... | 6.94 | 7.2 | 8.31 | 11.77 | 2.10 | | 7.06 | 4.67 | 7.77 | 2.71 | .62 |
| March | 8.82 | 7.81 | 4.51 | 2.39 | 2.16 | | 2.42 | 5.89 | 3.25 | 2.42 | 3.34 |
| April..... | 9.58 | 2.22 | 3.23 | 5.49 | 4.66 | | 2.69 | 3.05 | 2.64 | 1.45 | 3.43 |
| May | 9.24 | 3.89 | 2.65 | 4.92 | 8.11 | | 3.79 | 3.61 | .89 | 4.29 | 3.11 |
| June | 4.91 | .88 | 2.86 | 3.53 | 5.21 | | 5.53 | 9.22 | 11.23 | 4.62 | 2.98 |
| July | 11.35 | 3.47 | 5.14 | 7.48 | 6.19 | | 6.29 | 4.80 | 6.65 | 4.02 | 6.07 |
| August | 5.90 | 9.91 | 5.19 | 7.59 | 10.63 | | 6.53 | 14.40 | 7.43 | 8.15 | 8.20 |
| September... | 7.88 | 2.22 | 5.95 | 9.30 | 9.44 | | 4.44 | 8.26 | 1.63 | 3.63 | 6.38 |
| October..... | 3.59 | 7.27 | 1.25 | 10.74 | 6.29 | | 4.56 | 6.88 | 9.11 | 9.77 | 11.07 |
| November... | 2.72 | 4.21 | 4.77 | 10.38 | 5.05 | | 9.88 | 9.19 | 11.54 | 13.16 | 8.11 |
| December... | 4.26 | 7.84 | 8.53 | 8.21 | 9.86 | | 2.23 | 2.58 | 5.31 | 11.05 | 9.78 |
| TOTALS... | 80.24 | 59.63 | 59.19 | 89.60 | 74.83 | | 62.84 | 80.60 | 79.50 | 68.65 | 72.25 |
| | D | D | D | D | P | | D | D | D | D | D |

1927. Wall 12 ft. high, 80 yds. N.
 Years 30 - - , 20 - S.
 " 40 - - , 40 - E.
 { Middle} 12 - , 40 - W.

1930. Gauge read in Winter 9 a.m.
 " " " Summer 10...

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

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|-------------------------|---------------------|----------------------|----------------|---------------------|-----------|
| 1930. | | | Bwlch | 1 mile | E. | Maentwrog | 1 mile | E. |
| | | | Maentwrog Rd. G.W.R. | 2½ | E. | | 3½ | " |

RAINFALL at Tan-y-bwlch (Plas garden)

County of Merioneth

Observer J.W. Dawe

River Basin 3. Glyndwr

Type of Gauge R.G.

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

Ref.

665525/36

| Diameter | 5. | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|--|
| Height | 1.0 | | | | | | | | | | | |
| Altitude | 55 | | 50 | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | |
| January | 8.03 | 8.08 | 6.89 | 4.890 | 3.74? | 6.44 | 6.62 | 6.85 | 8.12 | 4.76 | 66.33 | |
| February | 7.25 | 11 | 5.85 | 81 | 9.61 | 3.21 | 10.74 | 2.46 | 5.43 | 6.03 | 51.60 | |
| March | 1.64 | 1.11 | 3.53 | 4.05 | 2.35 | 3.57 | 3.03 | 4.24 | 3.87 | 4.89 | 35.28 | |
| April | 4.72 | 5.06 | 1.87 | 4.74 | 6.30 | 2.03 | 5.06 | 7.70 | 3.35 | 3.21 | 35.54 | |
| May | 4.39 | 6.11 | 2.51 | 9.26 | 2.58 | 2.13 | 1.04 | 3.61 | 0.72 | 2.06 | 34.44 | |
| June | 9.12 | 1.94 | 4.76 | 3.95 | 8.88 | 8.22 | 4.22 | 7.65 | 4.23 | 1.38 | 54.34 | |
| July | 5.36 | 8.93 | 3.76 | 1.63 | 1.88 | 8.50 | 2.75 | 7.94 | 10.14 | 4.38 | 55.26 | |
| August | 5.97 | 1.89 | 3.00 | 9.88 | 3.81 | 4.27 | 1.93 | 3.89 | 3.96 | 2.00 | 40.60 | |
| September | 5.15 | 6.26 | 1.34 | 4.84 | 9.72 | 6.87 | 4.63 | 2.24 | 2.25 | 5.88 | 49.18 | |
| October | 5.32 | 10.85 | 9.19 | 11.35 | 9.06 | 5.41 | 4.49 | 9.68 | 4.32 | 6.67 | 76.34 | |
| November | 10.61 | 5.28 | 2.39 | 2.04 | 7.48 | 10.39 | 2.00 | 7.64 | 10.99 | 11.39 | 70.21 | |
| December | 5.34 | 4.74 | 2.89 | 10.02 | 3.83? | 7.92 | 4.27 | 7.18 | 5.16 | 7.89 | 53.24 | |
| TOTALS | 72.90 | 63.36 | 47.49 | 67.37 | 68.24 | 69.06 | 50.78 | 66.08 | 62.54 | 60.54 | 62836 KM | |

1934 Trees 100' high 50°N : Trees 50' high 50°N E : Wall 20' high 30°N W.

1935 Observer did not agree to any amendment being made for January & December.

Trees 20' high 30 yds S. Hills 100yds high 30 yds N.

1938 Trees 80' high 50°N : Hill 100yds high 30 yds S : Trees 20' high 30 yds S : Trees 40' high 40 yds E : Wall 12' high 30 yds W.

8th Rawell.

Dec. 1941 1940 record received

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 |
|-------|---------|-------|-----------------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1931 | | | Maentwrog Rd. R. & R. R. | 2 1/2 m. | E. | Maentwrog. | 1 m. | E |

Station No. 1333

RAINFALL at Tan-y-bwlch (Plas Gardn)

41

County of Merioneth

Observer M. F. L. Daws

River Basin 3 - Glastyn

The Head Gardener

Type of Gauge 9in. dia.

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

Ref.

File No. b65525/26

| Diameter | 5 | | | | | | | | | | |
|-----------|-------|------|-------|-------|-------|------|------|------|------|------|-------|
| Height | 10 | | | | | | | | | | |
| Altitude | 50 | | | | | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 1.86 | | 9.87 | 8.92 | 4.69 | | | | | | |
| February | 6.10 | | 6.56 | 3.73 | 6.11 | | | | | | |
| March | 6.08 | | 2.44 | 2.14 | 2.48 | | | | | | |
| April | 1.19 | | 4.90 | 3.94 | 3.00 | | | | | | |
| May | 5.16 | | 7.17 | 4.58 | 4.87 | | | | | | |
| June | 1.12 | | 6.26 | 4.52 | 4.48 | | | | | | |
| July | 4.54 | | 5.91 | 6.07 | 4.69 | | | | | | |
| August | 7.88 | | 8.18 | 4.28 | .59 | | | | | | |
| September | 1.99 | | 9.03 | 6.13 | 5.88 | | | | | | |
| October | 9.27 | | 7.60 | 8.67 | 4.92 | | | | | | |
| November | 4.08 | | 6.49 | 8.44 | .65 | | | | | | |
| December | 5.89 | | 2.99 | 7.80 | 6.91 | | | | | | |
| TOTALS | 55.46 | N.R. | 77.39 | 69.22 | 49.27 | # | N.R. | N.R. | | | |

1941 Trees. S. 100' high N.

wall 10' high so S.

Hill to N.E.

wall 12' high S. E.

1948 No return record after 1945 & no replies to our various queries

1944 Framed h'high 6' SW.

Spruce 50-70' high 50 yds S-SW.

| 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 | Direction |
| 1941 1948 | | | Maentwrog Rd 768 | 3 mi 1 km | E. E | Maentwrog | 1 mi 2 km | E. E |