

Pontiwa
RAINFALL at "Salgarth Sanatorium"

County of Brecon

Observer Dr. Evans

Marcus Paterson

River Basin Wye - 8

Rain Gauge, by

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|------|---------|
| Diameter ... | | | | | | | 5 | | | | |
| Height | | | | | | | 0 10 | | | | |
| Altitude ... | | | | | | | 600 | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | M.EANS. |
| January ... | | | | | | | 1.91 | 1.35 | | | |
| February ... | | | | | | | 4.85 | 1.10 | | | |
| March | | | | | | | 3.07 | .81 | | | |
| April | | | | | | | 1.96 | 1.95 | | | |
| May | | | | | | | 3.68 | 3.83 | | | |
| June | | | | | | | 1.20 | 1.82 | | | |
| July | | | | | | | 1.02 | 1.43 | | | |
| August | | | | | | | 2.35 | 7.00 | | | |
| September... | | | | | | | 1.88 | 3.27 | | | |
| October ... | | | | | | | 5.90 | mp | | | |
| November... | | | | | | | 4.25 | | | | |
| December... | | | | | | | 1.91 | | | | |
| TOTALS ... | | | | | | | 3338 | N.R. | | | |

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

RAINFALL at *Talgarth* (^{S. Wales}*Portmeirion Sanatorium*) new g. new site (1938)County of *Brecon*Observer *D. H. E. Watson*River Basin *E. Wye*Type of Gauge *Aneroid bar. M.O. (8158)*

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

Ref.

707659/100

| Diameter | 5 | Height | 0.10 | Altitude | 500 | Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Mean Total |
|-----------|-------|--------|-------|----------|-------|-------|-------|-------|-------|-------|--------|------|------|------|------|------|------------|
| January | 2.41 | 4.22 | 2.55 | 3.20 | 1.12 | 4.61 | 4.33 | 4.63 | 5.23 | 4.81 | 3.501 | | | | | | |
| February | 2.75 | 3.32 | 3.73 | 3.36 | 2.55 | 2.13 | 5.10 | 1.13 | 3.59 | 2.14 | 2.380 | | | | | | |
| March | 1.79 | 2.49 | 2.72 | 2.11 | 1.78 | 2.78 | 2.30 | 1.31 | 2.01 | 2.56 | 1.985 | | | | | | |
| April | 3.12 | 4.52 | 1.02 | 2.60 | 3.89 | 2.62 | 2.47 | 2.20 | 3.21 | 2.69 | 2.634 | | | | | | |
| May | 3.58 | 5.76 | 1.92 | 1.36 | 1.27 | 2.05 | 1.16 | 2.05 | 0.54 | 3.28 | 2.297 | | | | | | |
| June | 4.55 | 6.66 | 4.27 | 1.00 | 3.91 | 3.73 | 2.00 | 2.34 | 2.28 | .80 | 2.554 | | | | | | |
| July | 4.40 | 3.25 | 2.50 | 2.01 | 1.72 | 5.53 | 3.83 | 2.04 | 7.01 | 4.03 | 3.532 | | | | | | |
| August | 3.79 | 1.50 | .97 | 2.26 | 1.39 | 1.44 | 1.57 | 3.84 | 2.18 | .25 | 1.818 | | | | | | |
| September | 1.92 | 3.18 | 2.45 | 2.55 | 3.90 | 2.92 | 2.77 | 1.30 | 0.49 | 1.28 | 2.276 | | | | | | |
| October | 1.03 | 6.89 | 6.65 | 2.26 | 4.07 | 2.18 | 3.79 | 4.97 | 3.17 | 5.04 | 4.005 | | | | | | |
| November | 7.75 | 2.59 | .94 | 2.09 | 5.08 | 3.14 | 1.75 | 5.34 | 7.37 | 9.35 | 4.540 | | | | | | |
| December | 1.29 | 1.92 | 1.45 | 5.87 | 3.17 | 3.84 | 2.53 | 3.55 | 1.94 | 2.78 | 2.826 | | | | | | |
| TOTALS | 37.38 | 37.30 | 31.17 | 27.66 | 31.85 | 35.87 | 34.60 | 31.70 | 39.02 | 36.93 | 34.348 | | | | | | |

1931. Forest trees 60' high, 100 yds. N.N.E.

† Inspected 10/5/38 by Dr Glasspoole. Site rather open. New site selected and new m.o. gauge supplied 5/38.

1938. New gauge moved 500 yds N.W. on 1/8/38 to new site.

Greenhouses 36' high 40 yds N; stone wall 12' high 30 yds E;
Forest trees 60' high 50 yds E; Forest trees 60' high 50 yds S.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. | | | Talgarth | 2 1/2 m. | 246. | Bronllys. | 1 m. | 88E. |

Station No.

4208

RAINFALL at Talgarth (S. Wales Sanatorium) new file 41

County of Brecon

Observer D^r H. E. Watson

River Basin S-Wye

Type of Gauge M.A. Standard (in.)

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

Ref.

File No. 707659/2b

| Diameter | 5 | | | 469 | 900 | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|
| Height | 1 | 0 | | | | 1 | | | | | |
| Altitude | 500 | | | | | 41 | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means Tributary |
| January | 3.45 | 3.31 | 6.44 | 3.22 | 2.92 | 3.87 | 3.54 | 7.48 | 1.23 | .73 | 36.19 |
| February | 3.44 | 41 | 2.48 | .96 | 3.17 | 4.33 | 2.11 | 2.16 | 1.34 | 6.82 | 27.22 |
| March | 3.69 | 2.41 | .77 | .39 | .96 | 1.04 | 6.02 | 1.53 | 1.33 | 1.14 | 19.28 |
| April | .90 | 1.67 | 1.05 | 1.34 | 1.40 | 1.83 | 2.19 | 3.49 | 1.79 | 2.78 | 18.44 |
| May | 2.72 | 3.61 | 3.25 | 1.06 | 3.48 | 3.47 | 2.92 | 2.27 | 2.62 | 1.65 | 27.05 |
| June | 1.52 | 34 | 2.90 | 2.11 | 3.85 | 2.74 | 2.59 | 2.71 | ,75 | 1.26 | 21.26 |
| July | 3.18 | 2.59 | 1.73 | 2.18 | 2.62 | 1.78 | 1.75 | .91 | .44 | 4.29 | 21.47 |
| August | 5.00 | 3.06 | 2.63 | 3.87 | 4.08 | 5.66 | 4.44 | 3.12 | 1.56 | 4.87 | 33.79 |
| September | 1.26 | 2.08 | 3.83 | 2.82 | 2.52 | 5.48 | 1.71 | 2.71 | 2.9 | 4.05 | 28.65 |
| October | 2.83 | 2.69 | 3.48 | 4.89 | 6.85 | 1.37 | .61 | 2.56 | 7.45 | 2.82 | 35.05 |
| November | 2.87 | .84 | 2.75 | 5.88 | .38 | 7.65 | 3.63 | 1.58 | 5.17 | 4.95 | 35.10 |
| December | 2.43 | 5.13 | 1.79 | 2.77 | 5.17 | 3.38 | 3.46 | 6.85 | 3.99 | 2.12 | 37.10 |
| TOTALS | 33.29 | 28.14 | 33.10 | 31.49 | 37.40 | 42.60 | 30.97 | 37.57 | 29.86 | 36.98 | 341.20 |

1941 Stone wall 9' high 60 yds W.
 Stone wall 9' high 30 yds E.
 Greenhouse 18' high 30 yds N.
 Wall & trees 4+60 high (approx) 40 yds S.

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

Reference No.....

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1941 | | | Talgarth | 2½ m | E.S.E. | Broadlys | 1 ml | E.S.E. |

BRITISH RAINFALL ORGANIZATION

Station No..... 4208

51

RAINFALL at Talgarth (S. Wales Sanatorium)
 County of Brecknockshire Observer Dr. H. F. Watson
 River Basin S-Wye Physician Superintendent
 Type of Gauge Standard

Annual Average in. based on years obs. un-weighted. Period of average 1916 - 1900 Ref.
 36.42 " 7 " (within) 1938 - 56 File No. 707659/26

| Diameter | 5" | | | 469 | 900 | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Height | 1' 0" | | | | | 1 | | | | | | |
| Altitude | 500' | | | | | 51 | | | | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means. | Totals |
| January | 4.30 | 4.04 | 1.14 | 3.00 | 3.44 | 4.54 | 3.49 | 2.84 | 4.66 | 4.88 | 36.33 | |
| February | 3.74 | 1.01 | 1.85 | 3.61 | 2.09 | 0.60 | 3.56 | 5.52 | 3.30 | 4.47 | 26.65 | |
| March | 4.94 | 2.59 | 2.85 | 2.66 | 2.82 | 1.27 | 2.67 | 0.83 | 3.49 | 2.28 | 26.40 | |
| April | 3.13 | 2.51 | 3.87 | 0.63 | 1.06 | 1.72 | 0.12 | 1.02 | 3.92 | 2.93 | 20.91 | |
| May | 3.79 | 4.25 | 1.51 | 2.18 | 4.25 | .69 | 2.20 | 2.92 | 1.79 | 1.56 | 25.14 | |
| June | 1.07 | 3.27 | 1.31 | 4.51 | 4.23 | 2.39 | 2.20 | 3.80 | 1.49 | 2.06 | 26.33 | |
| July | 1.04 | 1.74 | 3.73 | 2.63 | 3.40 | 2.56 | 3.16 | 2.28 | 3.38 | 3.00 | 26.92 | |
| August | 4.72 | 6.37 | 3.19 | 5.01 | 1.10 | 3.86 | 2.67 | 3.95 | .86 | 3.03 | 34.75 | |
| September | 2.36 | 2.70 | 3.71 | 3.09 | 2.08 | 4.11 | 5.77 | 6.82 | .35 | 5.29 | 36.26 | |
| October | 1.08 | 4.66 | 2.65 | 5.03 | 2.35 | 2.16 | 2.34 | 4.18 | 3.61 | 7.57 | 35.63 | |
| November | 8.87 | 3.17 | 2.36 | 8.34 | 3.46 | 1.52 | 2.90 | 2.26 | 4.84 | 8.84 | 46.06 | |
| December | 2.67 | 4.54 | 1.41 | 3.53 | 4.51 | 3.66 | 3.58 | 3.31 | 8.15 | 5.10 | 40.52 | |
| TOTALS | 41.19 | 40.85 | 29.58 | 44.22 | 34.85 | 28.97 | 34.66 | 39.73 | 36.84 | 51.01 | 381.90 | |

1941 Stone wall 9' high 60 yds. W + 30 yds E Greenhouse 18' high 30 yds N.
 Wall + trees 4' + 60' high, 40 yds S.

| Position of Station on Ordnance One-Inch map : | | | No. of Map..... | National Grid Reference SD(32)136354 | | |
|--|---------|-------|------------------|--------------------------------------|----------------|-----------------------|
| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge. |
| 1941 | | | Talgarth | 2 mi ESE W.N.W. | Browleys | 1 mi E.S.E. W.N.W. |

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|---------------------------------|---------------------|---------|---------|---------|---------|
| | | C 1921 1921-30 D | D | D | D | |
| (62) | WT. 13072—389 10M 6/50 T.S. 841 | | | | | |