

1923

RAINFALL AT *Two N.W. Lower Tregurrow*

Lat. _____

Lon. _____

County of *Somerset-Cornwall*

Rain Gauge, by _____

Observer *W. W. J. Lean**Forcey & S. E. Coast Streams - 2.*

| | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|-----------|-------|-------|-------|--------|
| Diameter | | | | | | | 5 | | | | |
| Height | | | | | | | 9.0 | | | | |
| Altitude | | | | | | | 71 ft | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | | | | | | | | 3.66 | 1.11 | 6.07 | |
| February | | | | | | | | 4.94 | 1.79 | 6.53 | |
| March | | | | | | | | 4.77 | 1.88 | 1.71 | |
| April | | | | | | | | 5.06 | 2.11 | 2.83 | |
| May | | | | | | | | 1.26 | 4.22 | 2.32 | |
| June | | | | | | | | 1.98 | 1.80 | 1.54 | |
| July | | | | | | | | 1.93 | .62 | .83 | |
| August | | | | | | | | 4.65 | 2.62 | 1.98 | |
| September.... | | | | | | | # 4.16 | 4.03 | 1.10 | 3.42 | |
| October | | | | | | | 4.47 | 1.86 | 7.05 | 3.62 | |
| November.... | | | | | | | 1.33 | 3.51 | 4.49 | 3.29 | |
| December | | | | | | | 8.80 | 6.97 | 4.99 | 4.27 | |
| TOTALS | | | | | | | | 44.62 | 33.78 | 38.31 | |

*St. Clement Church 2 miles S.**St. Pauls Church 1 3/4 miles W*

RAINFALL AT

Turo W.W. Lower Tregurrow

Lat.

Lon.

County of

Cornwall

Rain Gauge, by

Observer

W. J. Lean Esq

Jourey & St. Austin Streams - 2

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 5 | | | | | | | | | | |
| Height | 9 0 | | | | | | | | | | |
| Altitude .. | 717 | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 6.47 | 3.85 | 2.46 | 5.10 | 6.03 | 3.03 | 6.40 | 1.70 | 1.36 | 3.10 | 3.950 |
| February .. | 6.33 | 2.17 | 2.58 | 2.22 | 7.88 | 1.00 | 6.10 | 1.86 | 2.55 | .48 | 3.317 |
| March | 3.29 | 3.69 | 2.80 | 5.92 | 2.51 | 5.60 | 1.30 | 1.14 | 5.51 | 4.79 | 3.655 |
| April | 2.05 | 4.66 | 2.85 | 1.89 | 1.33 | 3.44 | 1.50 | 6.14 | 2.22 | 2.13 | 2.821 |
| May | 1.99 | 1.31 | 1.81 | 2.91 | 2.80 | .58 | 3.83 | 2.90 | 1.93 | .90 | 2.096 |
| June | 3.91 | 2.14 | 3.63 | 2.04 | 1.45 | 2.38 | 1.58 | 3.14 | 1.23 | 2.82 | 2.432 |
| July | .77 | 1.11 | 2.74 | 4.08 | 5.63 | .49 | 1.61 | 2.23 | 2.42 | 2.23 | 2.331 |
| August | 2.85 | 1.38 | 1.83 | 4.66 | 1.97 | 4.68 | 2.34 | 1.53 | 4.60 | 1.50 | 2.737 |
| September .. | 2.10 | 4.39 | 4.09 | 3.64 | 2.25 | 1.11 | .96 | 2.35 | 4.13 | 1.61 | 2.663 |
| October | 3.30 | 2.73 | 3.06 | 9.39 | 2.61 | 2.69 | 5.29 | 8.44 | 2.67 | 6.65 | 4.683 |
| November .. | 6.39 | 1.28 | 6.17 | 2.92 | 2.51 | 5.91 | 3.83 | 7.39 | 1.38 | 1.70 | 3.948 |
| December .. | 6.92 | 7.66 | 3.17 | 8.60 | 3.96 | 2.05 | 4.22 | 5.63 | 5.19 | 5.98 | 5.338 |
| TOTALS .. | 46.37 | 36.37 | 37.19 | 53.37 | 40.93 | 32.96 | 38.96 | 44.48 | 35.19 | 33.89 | 39.971 |

1903 Turo Station 2 1/2 mile W

1909 St Pauls Church 1 1/4 W

H.W.B.

RAINFALL at Truro W.W. Lower TregunowCounty of CornwallObserver W. J. Lean Esq (Mr Steer.)River Basin Towey + SE Coast Streams 2Gauge Copper BA, Rain Gauge, by
glass by Stearns
diam 5.00 all over.

| | |
|----|------|
| 50 | 49.8 |
| 40 | 39.4 |
| 30 | 29.0 |
| 20 | 18.6 |
| 10 | 8.2 |
| 0 | -1.2 |

| Diameter ... | 5 | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| Height | 90 | | | | 10 | | | | | | | |
| Altitude ... | 71 ft | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | Sum |
| January ... | 4.73 | 1.58 | 4.72 | 7.56 | 1.41 | 5.18 | 1.84 | 2.43 | 5.13 | 6.79 | | 16.19 |
| February ... | 5.79 | 2.20 | 4.24 | 1.65 | 5.81 | 8.85 | 6.75 | 1.48 | 3.62 | 7.38 | | 19.23 |
| March | .89 | 3.81 | 6.82 | 5.12 | 6.81 | .63 | 4.19 | 4.79 | 2.01 | 4.56 | | 18.55 |
| April | 2.73 | 1.65 | .48 | 4.47 | 2.20 | 1.64 | 1.15 | 1.68 | 2.43 | 3.49 | | 8.75 |
| May | 2.05 | .77 | 2.49 | 3.65 | 1.30 | 2.81 | 1.65 | 2.48 | .84 | 1.73 | | 6.70 |
| June | 2.37 | 2.80 | 5.01 | 1.35 | 2.36 | 3.40 | 1.96 | 3.30 | 1.26 | 1.12 | | 7.64 |
| July | 2.26 | 1.20 | 4.42 | .58 | 4.89 | 4.41 | 2.79 | 1.31 | 3.46 | .70 | | 8.26 |
| August | 3.86 | 2.07 | 11.49 | 1.07 | 1.98 | 2.02 | 4.53 | 5.74 | 2.48 | 3.23 | | 15.98 |
| September .. | .25 | 3.01 | 1.30 | 2.89 | 2.49 | 1.36 | 2.15 | 2.01 | 6.95 | 2.10 | | 13.21 |
| October ... | 6.84 | 4.63 | 5.17 | 5.81 | 3.18 | 6.21 | 6.95 | 7.39 | 4.65 | 1.93 | | 26.92 |
| November .. | 5.38 | 4.73 | 3.64 | 5.80 | 4.70 | 3.82 | 8.06 | 2.79 | 5.00 | 4.02 | | 19.87 |
| December ... | 10.29 | 10.84 | 6.20 | 4.61 | 10.28 | 9.63 | 4.63 | 2.06 | 7.37 | 7.98 | | 22.04 |
| TOTALS ... | 50.44 | 39.29 | 55.93 | 44.56 | 47.41 | 49.96 | 46.65 | 37.46 | 45.20 | 45.03 | | 77.31 |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 0 |

7/14 June 12 Gauge moved 150 ft E

PMW

Inspected c. 3.12.12 G. on pole abt 9 ft high. Trees 20 to 25 ft high about 25 ft S. Tanks
25 ft. high 15 ft N. Suggested removal to fairly open spot & placing at 1 ft.
N.B. G. was all about 1907 on a gabled roof.

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| 1910 | | | Truro | 2 1/4 m | W | St Paul | 1 1/4 m | W |

RAINFALL at St. Paul's (Long Preston)County of CornwallObserver W. J. Lean Eng.River Basin 2

Manager (Truro Water Coy.)

Gauged by B. A. Rain Gauge, by Sam by Howard

| Diameter ... | 5 | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|--------|-------|
| Height | 1.0 | | | | | | | | | | | | |
| Altitude ... | 71 | | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. | Sum. | 20-30 |
| January ... | 6.83 | 4.41 | 5.42 | 3.54 | 6.04 | 5.17 | 6.39 | 7.43 | 7.95 | 3.93 | 8.11 | 65.22 | |
| February ... | 8.2 | 6.4 | 4.07 | 9.86 | 2.38 | 6.87 | 3.11 | 2.09 | 4.50 | 2.06 | 2.82 | 40.12 | |
| March | 4.66 | 3.30 | 3.38 | 2.57 | 2.57 | 8.3 | 8.7 | 3.80 | 7.44 | 4.5 | 3.33 | 33.20 | |
| April | 5.41 | 1.06 | 4.59 | 3.88 | 3.87 | 3.45 | 2.03 | 2.53 | 2.44 | 8.9 | 3.29 | 33.14 | |
| May | 1.78 | 2.38 | 1.17 | 3.75 | 3.53 | 5.03 | 2.01 | 6.9 | 1.53 | 4.22 | 2.86 | 28.95 | |
| June | 2.66 | 1.07 | 1.11 | 5.56 | 1.75 | 1.2 | 3.39 | 3.03 | 2.16 | 2.92 | 9.1 | 18.67 | |
| July | 4.84 | 1.91 | 3.41 | 8.1 | 5.29 | 3.76 | 1.73 | 3.09 | 1.48 | 1.99 | 2.90 | 31.21 | |
| August | 1.16 | 3.15 | 3.03 | 2.31 | 2.81 | 2.57 | 2.16 | 4.04 | 2.21 | 2.47 | 6.08 | 31.77 | |
| September... | 3.61 | 7.5 | 3.72 | 2.71 | 4.23 | 3.47 | 6.0 | 6.83 | 2.29 | 6.3 | 5.31 | 34.15 | |
| October | 6.72 | 1.92 | 1.51 | 6.79 | 9.15 | 4.38 | 3.04 | 2.45 | 7.82 | 7.62 | 6.02 | 57.42 | |
| November... | 2.20 | 3.33 | 2.26 | 4.71 | 4.56 | 4.29 | 7.23 | 4.19 | 4.72 | 13.24 | 7.92 | 60.65 | |
| December... | 6.58 | 2.23 | 7.64 | 4.30 | 8.15 | 5.75 | 9.4 | 4.15 | 6.64 | 9.99 | 4.38 | 60.75 | |
| TOTALS... | 47.27 | 27.15 | 41.31 | 45.79 | 54.03 | 45.69 | 33.50 | 45.32 | 51.18 | 50.42 | 53.93 | 495.59 | |
| | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

1927 Engine House 25' High 60' N.W.

1929 Feb is probably an inch less due to loss by snow on Feb 11, but observations remain original figures.

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 | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| | | | St. Paul | 2 1/4 m. | N | St. Paul | 1 1/4 | W. |

RAINFALL at Truro W.W. (Lower Tregurrow)County of CornwallObserver W. J. Lean Esq.River Basin Fowey & S.E. Coast Streams - 2

Type of Gauge

Annual Average 42.2 in. based on 33 years obs. un-weighted. Period of average 1891-1915 Ref. 3.

37959/30

| Diameter | 5. | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|---------|
| Height | 1.0. | | | | | | | | | | | |
| Altitude | 71. | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | 5 years |
| January | 3.91 | 4.98 | 3.31 | 3.85 | 1.50 | 7.36 | 7.77 | 6.86 | 8.42 | 3.83 | 51.78 | |
| February | 3.98 | .05 | 3.50 | .33 | 4.01 | 7.59 | 7.64 | 2.16 | 2.39 | 7.04 | 38.69 | |
| March | 4.45 | 3.03 | 3.71 | 4.47 | 1.60 | 5.18 | 7.13 | .32 | 2.21 | 3.43 | 35.53 | |
| April | 2.66 | 2.83 | 2.20 | 3.34 | 4.67 | 2.33 | 3.21 | .03 | 3.97 | 3.13 | 28.37 | |
| May | 3.66 | 4.90 | 2.82 | 1.69 | 2.22 | 1.22 | 2.33 | 2.95 | .98 | 1.05 | 23.82 | |
| June | 2.74 | 2.80 | 2.68 | 1.39 | 3.34 | 2.21 | 1.72 | 1.68 | 2.60 | 1.52 | 22.68 | |
| July | 5.85 | 3.51 | 2.91 | .57 | .46 | 7.51 | 1.51 | 3.66 | 6.37 | 3.26 | 35.61 | |
| August | 4.94 | 1.57 | 1.40 | 3.86 | 3.75 | .60 | .51 | 5.47 | 2.66 | .18 | 24.94 | |
| September | 3.00 | 5.13 | 2.41 | 3.03 | 3.81 | 2.93 | 4.10 | 1.69 | .78 | 2.35 | 29.23 | |
| October | 1.11 | 8.76 | 7.14 | 3.73 | 5.39 | 1.51 | 3.75 | 4.35 | 4.34 | 4.27 | 44.35 | |
| November | 9.17 | 3.11 | 1.18 | 2.38 | 6.70 | 5.90 | 2.74 | 7.43 | 7.52 | 9.46 | 55.59 | |
| December | 1.53 | 4.23 | 2.78 | 11.09 | 5.91 | 5.83 | 5.17 | 5.68 | 3.61 | 5.92 | 51.75 | |
| TOTALS | 47.00 | 44.90 | 36.04 | 39.73 | 43.36 | 50.16 | 47.83 | 42.28 | 45.85 | 45.44 | 442.34 | |

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1931 | | | Truro | 2 1/4 mls | W | Truro | 1 1/2 mls | SW. |

Station No. 1923

RAINFALL at

Truro W.W.

(Lower Irregular)

41

County of

Cornwall

Observer

S.D.

W. S. Bean Esq.

River Basin

2 - Fawey & SE. Coast Streams

Manager (W.S.G. 1949)

Type of Gauge

B.R.

Annual Average 42.2 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No. 37959/30

| Diameter | 5" | | | | 319 | 134 | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1' 0" | | | | 1 | | | | | 11" | | |
| Altitude | 71' | | | | 41 | | | | | 50' | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | Sums |
| January | 6.04 | 5.80 | 8.16 | 3.91 | 3.87 | 6.64 | 6.72 | 9.52 | 1.69 | 2.60 | | 84.95 |
| February | 6.86 | .79 | 2.38 | 1.11 | 3.92 | 4.35 | 2.39 | 1.81 | 2.19 | 8.86 | | 34.66 |
| March | 4.23 | 3.40 | 1.01 | .58 | 1.13 | 2.76 | 12.25 | 2.26 | 1.76 | 2.57 | | 31.95 |
| April | 1.44 | 2.74 | 1.89 | 2.69 | 1.56 | 1.64 | 3.24 | 2.92 | 1.77 | 2.81 | | 22.70 |
| May | 3.76 | 7.74 | 4.20 | .41 | 4.51 | 5.23 | 3.97 | 2.03 | 3.44 | 2.11 | | 37.40 |
| June | 3.05 | .75 | 1.43 | 2.77 | 4.02 | 2.76 | 3.83 | 2.84 | 1.46 | 1.63 | | 24.54 |
| July | .72 | 2.84 | 3.05 | 3.47 | 5.28 | 2.64 | 2.58 | 2.16 | 2.86 | 5.22 | | 30.32 |
| August | 5.62 | 2.42 | 3.11 | 2.77 | 2.87 | 5.48 | 1.27 | 3.90 | 1.50 | 6.76 | | 35.70 |
| September | .89 | 3.22 | 4.61 | 2.86 | 1.99 | 7.07 | 1.80 | 1.96 | 3.23 | 6.10 | | 33.73 |
| October | 1.86 | 2.67 | 3.45 | 6.01 | 3.72 | 4.34 | 2.97 | 6.62 | 7.50 | 2.29 | | 40.93 |
| November | 3.64 | 1.11 | 3.65 | 10.49 | 2.15 | 7.29 | 4.76 | 2.86 | 5.52 | 8.93 | | 50.40 |
| December | 3.35 | 6.46 | 3.55 | 4.31 | 8.92 | 6.49 | 3.65 | 7.08 | 3.09 | 4.78 | | 51.68 |
| TOTALS | 41.46 | 39.94 | 40.99 | 40.38 | 43.94 | 56.69 | 49.43 | 45.96 | 35.51 | 54.66 | | 442.96 |

1950 Treatment Tanks, ground level, 10 ft. N.

PHW

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 |
|--------------|---------|-------|------------------|---------------------|----------------------|-----------------------|---------------------|----------------------|
| 1943 1944 | | | Truro | 3 miles 2 1/4 " | N. W. W | St. Clements Truro | 2 miles 1 1/2 " | N. E. W |

BRITISH RAINFALL ORGANIZATION

Station No. 1923

RAINFALL at Truro W.W. (Lower Tregurrow)

51

County of Cornwall

Observer

E. D. Loan Esq.

River Basin. Tavy & SE. Co. & Streams - 2

MANAGER:

Type of Gauge. BA M.O.

Annual Average 42.2 in. based on 33 years obs. unweighted. Period of average 1881-1915 Ref. S

44.61 " " 35 " 1916-1950.

1916-1950

File No. 37959/30

| Diameter ... | 5" | | | | | 5" | | 379 | 134 | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ... | 11 0" | | | | | 0 11" | | | | | |
| Altitude ... | 50' | | | | | 59' | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 5.33 | 5.41 | 1.06 | 2.75 | 6.19 | 5.12 | 3.37 | 5.48 | 6.59 | 5.04 | 46.34 |
| February ... | 4.15 | 1.19 | 1.68 | 5.32 | 3.99 | 4.44 | 5.87 | 5.45 | .81 | 4.76 | 34.16 |
| March ... | 6.58 | 3.55 | 1.12 | 4.23 | 1.70 | 1.89 | 4.41 | 3.30 | 4.50 | 3.79 | 35.07 |
| April ... | 3.69 | 3.74 | 2.58 | .85 | 1.22 | 1.28 | .60 | 1.15 | 3.70 | 2.85 | 21.66 |
| May ... | 3.33 | 2.24 | 3.12 | 3.73 | 4.07 | 1.28 | 2.32 | 3.33 | 1.48 | 1.89 | 26.79 |
| June ... | .41 | 1.33 | 2.35 | 3.60 | 2.93 | 2.12 | 3.04 | 3.47 | 1.29 | 1.50 | 22.04 |
| July ... | 1.14 | 1.21 | 3.37 | 3.14 | .20 | 3.39 | 2.31 | 3.58 | 1.88 | 4.36 | 24.58 |
| August ... | 4.66 | 3.70 | 2.04 | 2.12 | .83 | 3.79 | 5.60 | 7.09 | 4.77 | 3.29 | 37.89 |
| September ... | 4.55 | 5.24 | 3.90 | 4.12 | 1.81 | 5.42 | 3.12 | 7.10 | .04 | 5.72 | 41.02 |
| October ... | 1.92 | 6.61 | 2.33 | 3.16 | 3.86 | 2.01 | 2.53 | 3.12 | 6.27 | 10.34 | 42.15 |
| November ... | 6.60 | 5.31 | 1.82 | 8.25 | 3.83 | 2.64 | 3.11 | 2.87 | 7.60 | 6.77 | 48.82 |
| December ... | 4.33 | 4.41 | 1.49 | 4.37 | 6.29 | 7.23 | 3.59 | 5.13 | 8.50 | 5.71 | 51.06 |
| TOTALS ... | 46.69 | 43.94 | 26.86 | 45.64 | 36.92 | 36.68 | 39.87 | 51.57 | 47.43 | 56.02 | 431.55 |
| | D | D | D | D | D | D | D | D | D | D | |

1951 Ketting tanks at 10' N. ground level.

Inspected 8.3.56 W. Deeks. Gauge sound, measure flat bottomed. Site slightly
 off a small bank beside retting cables. Recommended standard gauge,
 Cape measure, range gauge 10' South away from bank.

1950 clump in photo 9 eq. carried out

Position of Station on Ordnance One-Inch map :

No. of Map. 190

National Grid Reference 86 7 464

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|------------------|---------|---------|---------|---------|
| | ✓ ✓ Unit - 18 | ✓ | ✓ | ✓ | |