

RAINFALL AT Tiverton Blundell's School

Lat.

Lon.

County of S Devon

Snowdon Rain Gauge, by P. Harris Boardman Observer E. G. Princeley
Exe - 6.

| | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|--|
| Diameter ... | | | | | | | | | | 5 |
| Height | | | | | | | | | | 6.3 |
| Altitude ... | | | | | | | | | | 265 |
| Year ... | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 MEANS. |
| January ... | | | | | | | | | | .86 1.72 |
| February ... | | | | | | | | | | 2.40 .51 |
| March | | | | | | | | | | 2.90 4.79 |
| April | | | | | | | | | | 2.47 2.89 |
| May | | | | | | | | | | 1.75 1.50 |
| June..... | | | | | | | | | | .73 3.06 |
| July | | | | | | | | | | 1.84 2.62 |
| August | | | | | | | | | | 3.97 1.79 |
| September .. | | | | | | | | | | 2.86 2.66 3.47 |
| October ... | | | | | | | | | | 2.91 6.33 |
| November .. | | | | | | | | | | 1.67 1.39 |
| December... | | | | | | | | | | 3.91 5.74 |
| TOTALS ... | | | | | | | | | | 28.29 35.84 35.00 |

1908 51 Peters Ch 1½ miles W
 Tiverton Station 3/4 . W
 Trees 50 ft high 20 yards S
 (Elm) 35 . SSW
 Shrub 25 ft high 10 . NE

1909 Corr. by surrounding stations I. 1913.

N.B. annual values rejected from Survey May 1929.

RAINFALL at Tiverton Blundell's School

County of South Devon

Observer E. G. Pierce Esq

River Basin *Exce* 6

Swanson Rain Gauge, by P. Harrison
B.C.

| Diameter ... | 5 | | | | | | | | | | |
|--------------|-------|-------|------|------|------|------|------|------|------|------|--------|
| Height | 6 3 | | | | | | | | | | |
| Altitude ... | 2650 | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 5.33 | 1.43 | | | | | | | | | |
| February ... | 4.39 | 2.00 | | | | | | | | | |
| March | 6.3 | 2.29 | | | | | | | | | |
| April | 2.70 | 2.32 | | | | | | | | | |
| May | 3.20 | 1.10 | | | | | | | | | |
| June | 2.77 | 2.06 | | | | | | | | | |
| July | 2.75 | .24 | | | | | | | | | |
| August..... | 3.98 | 1.91 | | | | | | | | | |
| September .. | 3.35 | 2.10 | | | | | | | | | |
| October ... | 6.97 | 3.86 | | | | | | | | | |
| November .. | 5.60 | 3.86 | | | | | | | | | |
| December ... | 6.27 | 9.82 | | | | | | | | | |
| TOTALS ... | 44.94 | 32.99 | N.O. | N.R. | N.R. | | | | | | |

1910 Shrub 14 ft high 10 ft N
Oak 40. 50. S

N.D., annual values rejected from Survey Map, 1929

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|-------------|-----------|------------|
| 1916 | | | Jervis Bay 3/4 m | N SW | | S St Peters | 1/4 m | W |

RAINFALL at TIVERTON. BLUNDELL'S SCHOOL

County of S. D. DEVON..... Observer F. G. PEIRCE.....

River Basin EXE - 6.....

SNOWDON Rain Gauge, by.....

| | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|-------|
| Diameter | | | | | | | | | | 5 |
| Height | | | | | | | | | | 1.6 |
| Altitude | | | | | | | | | | 270 |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 |
| January | | | | | | | | | | 1.87 |
| February | | | | | | | | | | 2.16 |
| March | | | | | | | | | | .36 |
| April | | | | | | | | | | .96 |
| May | | | | | | | | | | 2.94 |
| June | | | | | | | | | | 2.70 |
| July | | | | | | | | | | 1.81 |
| August | | | | | | | | | | 3.47 |
| September | | | | | | | | | | .81 |
| October | | | | | | | | | | 6.00 |
| November | | | | | | | | | | 9.86 |
| December | | | | | | | | | | 9.72 |
| TOTALS | | | | | | | | | | 42.66 |
| | | | | | | | | | | 43.98 |

1929. Hedge, 8' high 20' N. otherwise clear except for hedges to E & W the nearer of which is 35' distant.

Position of Station on reduced Ordnance Survey Map, 2 miles 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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| | | | TIVERTON | 5/8 mile | W.S.W. | TIVERTON | 1 1/4 m | W.S.W. |

RAINFALL at Tiverton (Blundell's School).

County of South Devonshire

Observer E. G. Peirce, Esq.

Ríover Basin

Exe - 6

Type of Causes

Snowdon.

Annual Average 37.3 in. based on 8 years obs. unweighted. Period of average 1881 - 1915. Ref. S.

851168/28.

| Diameter | 5. | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1.6. | | | | | | | | | | |
| Altitude | 270. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 3.83 | 4.85 | 2.73 | 3.43 | 1.93 | 4.89 | 7.94 | 5.36 | 7.72 | 2.88 | 44.56 |
| February | 3.14 | .05 | 5.05 | 3.9 | 4.22 | 2.70 | 6.78 | 1.67 | 2.03 | 4.11 | 30.14 |
| March | 1.63 | 2.85 | 3.82 | 3.10 | 1.92 | 3.62 | 4.65 | 1.18 | 1.30 | 2.97 | 26.04 |
| April | 3.23 | 3.28 | 1.94 | 3.31 | 5.40 | 2.47 | 3.22 | .15 | 3.28 | 2.74 | 29.22 |
| May | 3.77 | 3.13 | 2.92 | 1.63 | 1.88 | .85 | 2.22 | 2.67 | .65 | 1.30 | 21.02 |
| June | 2.75 | 1.61 | 1.97 | 1.75 | 2.86 | 1.83 | .73 | 1.55 | 2.84 | 1.02 | 18.91 |
| July | 5.12 | 2.96 | 1.95 | .96 | 1.41 | 6.95 | 1.46 | 3.07 | 5.79 | 3.45 | 32.12 |
| August | 4.03 | 1.83 | 1.39 | 3.68 | 2.48 | .36 | .79 | 4.42 | 3.65 | .08 | 22.11 |
| September | 1.80 | 5.41 | 1.69 | 2.59 | 4.35 | 4.07 | 2.85 | 1.82 | .76 | 1.93 | 26.77 |
| October | .90 | 6.91 | 3.51 | 2.67 | 5.03 | 2.04 | 3.98 | 4.29 | 4.55 | 3.97 | 37.55 |
| November | 6.08 | 2.42 | .79 | 1.50 | 6.22 | 4.70 | 2.61 | 6.38 | 8.94 | 8.93 | 48.57 |
| December | 2.05 | 3.00 | 1.74 | 12.94 | 5.48 | 3.21 | 3.52 | 5.47 | 2.74 | 3.09 | 43.24 |
| TOTALS | 37.83 | 38.50 | 29.50 | 37.95 | 41.18 | 37.69 | 40.45 | 37.03 | 43.65 | 36.47 | 380.55 |
| | D | D | D | D | D. | D | D | D | D | D | D |

Hedya $\frac{1}{2}$ " high 16°N.

1934. Clean in all other directions. Except for hedges 6' high on E + W the nearest of which is 35 ft. distant.

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

D. 6 M.

| 1 mile to 1 inch Series | | | | | | | |
|-------------------------|---------|-------|------------------|---------------------|-----------|-------------------|---------------------|
| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge |
| 1931 | | | Linton | ½ m | SW | Linton St Peter's | ¾ m |

RAINFALL at Tiverton (Blundell's School)

(Cosley Hdg) Station No. 1791

County of South Devonshire Observer E. G. Peirce Esq.

River Basin Exe - E.

Type of Gauge Snowdon

Annual Average 17.3 in. based on 8 years obs., un-weighted. Period of average 1881-1915 Ref. 5

File No. 881160/28

41

| | | | | | | | | | | | |
|-----------|------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|--------|
| Diameter | 5" | 5 | | | | 337 | 477 | | | | |
| Height | 1'6" | 2'6" | | | | From 1942 | | 1 | | | |
| Altitude | 250 | 270 | | 250 | | | | 41 | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 5.10 | 5.06 | 8.08 | 2.90 | 3.32 | 3.71 | 4.57 | 9.19 | 1.07 | .82 | 43.62 |
| February | 4.36 | .50 | 1.79 | .87 | 2.74 | 3.41 | 1.09 | 1.58 | 1.63 | 6.68 | 24.65 |
| March | 4.12 | 2.84 | 1.44 | .17 | .68 | 1.25 | 4.87 | 1.17 | 1.79 | 1.25 | 19.58 |
| April | 1.28 | 1.30 | .76 | 2.66 | .88 | 2.73 | 2.11 | 2.05 | 1.59 | 2.49 | 18.35 |
| May | 2.08 | 5.84 | 2.64 | .87 | .01 | 4.65 | 3.30 | 3.67 | 2.36 | 1.74 | 31.06 |
| June | 1.32 | 1.10 | 2.09 | 2.66 | 2.82 | 2.56 | 3.25 | 1.88 | .96 | 1.22 | 19.86 |
| July | 1.68 | 1.31 | 2.78 | 2.60 | 2.59 | 1.62 | 1.83 | 1.85 | 2.72 | 5.54 | 24.52 |
| August | 5.20 | 3.69 | 3.32 | 3.33 | 1.88 | 5.51 | .99 | 4.02 | 2.04 | 5.51 | 35.49 |
| September | .86 | 2.67 | 3.60 | 3.29 | 3.00 | 5.20 | 1.96 | 1.85 | 2.61 | 4.85 | 29.79 |
| October | 2.16 | 2.85 | 4.04 | 5.83 | 4.83 | 1.64 | .70 | 3.77 | 5.33 | 1.77 | 32.92 |
| November | 2.90 | 1.04 | 3.32 | 6.61 | 2.15 | 5.92 | 3.00 | 2.17 | 5.16 | 6.96 | 39.23 |
| December | 2.53 | 5.00 | 3.76 | 3.99 | 5.63 | 4.90 | 3.98 | 5.03 | 2.60 | 4.00 | 41.72 |
| TOTALS | 3359 | 33.20 | 37.62 | 35.78 | 34.53 | 43.10 | 31.45 | 38.93 | 29.76 | 42.83 | 360.79 |

1941. Hedge 8' High 20' N. 1942 Gauge moved approx. 500 yds S.W.

1943 in open garden, nearest trees 50 yds N.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|--------------------------|---------------------|----------------------|
| 1941 | | | Tiverton | 5 miles 12 m. | N.E. by S. W | Tiverton | 1/2 miles | W.S.E. |
| 1943 | | | Tiverton | | | Tiverton, St. Peter's | 1/2 m. | W. S. E. |

Station No. 1791

51

RAINFALL at Tiverton (Cowley Lodge)

County of S. Devon

Observer E. G. Peirce Esq.

River Basin Exe - 6

Type of Gauge Snowdon

Annual Average 37.3 in based on 8 years obs. yr-weighted. Period of average 1881-1955 Ref. S
 " 36.66 " 15 " written 1942-57 " 1916-55
 File No. 881160/2.8

| Diameter ... | 5" | | | 357 | 477 | | | 5' | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ... | 2' 6" | | | | | 1 | | 3' " | | | |
| Altitude ... | 250' | | | | | 51 | | 240 | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 4.22 | 4.61 | .53 | 1.71 | 4.74 | 4.12 | 2.78 | 3.36 | 5.91 | 4.05 | 36.03 |
| February | 4.68 | 1.07 | 2.46 | 3.55 | 3.29 | .26 | 5.75 | 3.78 | .29 | 3.45 | 28.57 |
| March | 4.45 | 3.65 | 1.31 | 3.48 | 1.41 | 1.26 | 3.12 | 1.72 | 4.60 | 2.29 | 27.29 |
| April | 2.10 | 3.12 | 3.10 | .34 | 1.02 | 1.58 | .03 | .92 | 5.73 | 3.28 | 19.22 |
| May | 3.99 | 2.74 | 2.46 | 3.31 | 3.95 | .43 | 1.46 | 3.68 | 1.35 | 1.61 | 24.98 |
| June | 1.23 | 1.58 | 2.07 | 3.28 | 4.14 | 1.91 | 2.19 | 3.83 | 1.68 | 1.47 | 23.38 |
| July | 1.82 | 1.03 | 3.27 | 2.96 | 1.49 | 2.76 | 3.46 | 2.43 | 2.95 | 5.22 | 27.39 |
| August | 4.26 | 5.62 | 2.24 | 2.47 | .65 | 2.56 | 2.42 | 4.15 | 3.10 | 3.52 | 30.99 |
| September | 3.34 | 3.26 | 4.07 | 3.81 | 1.75 | 7.92 | 4.53 | 5.99 | .68 | 5.57 | 40.52 |
| October | 1.98 | 4.80 | 3.38 | 2.82 | 1.76 | 1.87 | 2.70 | 4.29 | 4.23 | 12.08 | 39.90 |
| November | 4.07 | 3.85 | 2.58 | 4.55 | 4.26 | 1.61 | 2.67 | 3.25 | 6.36 | 4.59 | 43.69 |
| December | 3.80 | 4.10 | .77 | 4.47 | 6.19 | 4.89 | 3.37 | 4.46 | 8.78 | 5.63 | 45.96 |
| TOTALS ... | 42.44 | 39.43 | 28.24 | 39.75 | 34.64 | 30.66 | 34.48 | 41.86 | 43.66 | 52.76 | 387.92 |

* 1951 In open garden, 10' N.E. of house 30' distant to the West. Gauge stands on a pillar so that it is 2' 6" above ground level.

* 1953 G. moved 100' WSW. Gauge 3' 7.5" on pillar; site over sheltered E & W.

X Average accepted, but may be 1½-2 ins. low.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 55(21) 962132

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|--------------------|----------------------|
| 1951 | | | Tiverton | 2 m. 1.4W. | St Peters Tiverton | 1m. 4.4W. |

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|--|---------|---------|---------|---------|---------|
| | | | | | | |
| | | | c 1929 | ✓ | ✓ | ✓ |