

RAINFALL at Maybole (Otterden)

County of Ayr.

Observer R. Lombe for Robert Goss, Esq.

River Basin

Girvan 7 Doon - 5

Rain Gauge, by

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|-------|-------|-------|-------|---------|-------|
| Diameter ... | | | | | | 5" | | | | | |
| Height | | | | | | 1' | | 1 3 | | | |
| Altitude ... | | | | | | | | 314 | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | |
| | | | | | | | | | | M.EANS. | |
| January ... | | | | | | 3.70 | 4.20 | 6.33 | 8.03 | 4.83 | 5.83 |
| February ... | | | | | | 4.96 | 3.98 | 1.31 | 4.10 | 1.99 | .86 |
| March | | | | | | 2.39 | 3.28 | 3.41 | 2.00 | 1.03 | 2.07 |
| April..... | | | | | | 3.75 | 2.36 | 3.27 | 1.65 | 1.74 | 1.69 |
| May | | | | | | 7.18 | 2.66 | 2.72 | 2.47 | 2.73 | 4.32 |
| June | | | | | | .58 | 1.70 | 4.08 | 4.83 | 2.88 | 2.81 |
| July | | | | | | 1.94 | 3.78 | 2.09 | 2.90 | 4.84 | 3.28 |
| August | | | | | | 2.64 | 3.05 | 4.82 | 3.18 | 5.48 | 6.03 |
| September... | | | | | | 2.66 | 4.33 | 7.04 | 3.89 | 2.23 | 4.13 |
| October..... | | | | | | 3.82 | 4.80 | 4.96 | 5.82 | 7.14 | 7.22 |
| November... | | | | | | 1.91 | 3.51 | 5.53 | 5.41 | 6.58 | 6.92 |
| December... | | | | | | 4.75 | 1.91 | 1.08 | 3.35 | 8.93 | 4.26 |
| TOTALS... | | | | | | 40.28 | 39.46 | 46.04 | 47.63 | 46.10 | 44.92 |

1928 Bushes 6' high 7yds S.

1929 transferred from Ayr 1/7

N.B. annual values rejected from Survey Map. 1929Position 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 | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1928 | | | Cassillis | 2 1/4 | S E | Maybole | 3 1/4 | S |

RAINFALL at Maybole (Otterden)County of Ayr.Observer Robert Gross (1936), Railway Compt. Engy.River Basin 5-DoonH. D. Brewster (1940)

Type of Gauge.....

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

| Diameter | 6" | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1' 3" | | | | | | | | | | |
| Altitude | 314' | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 4.40 | 6.10 | 3.72 | 4.92 | 2.41 | 3.88 | 5.59 | 6.72 | 3.05 | 2.82 | |
| February | 5.04 | 1.00 | 2.97 | 7.75 | 3.66 | 1.91 | 5.61 | 1.67 | 5.20 | 1.67 | |
| March | 1.04 | 2.70 | 3.26 | 3.75 | 1.98 | 2.07 | 0.81 | 3.08 | 4.05 | 5.76 | |
| April | 1.51 | 3.40 | 2.44 | 2.69 | 2.77 | 1.74 | 2.14 | 1.58 | 2.81 | 2.70 | |
| May | 2.33 | 3.05 | 2.31 | 3.53 | 3.6 | 2.95 | 1.34 | 2.77 | 1.88 | 1.96 | |
| June | 7.06 | 1.74 | 1.91 | 2.85 | 3.45 | 1.90 | 3.13 | 5.16 | 2.12 | 1.45 | |
| July | 4.55 | 4.73 | 3.75 | 2.57 | 1.96 | 6.25 | 5.04 | 6.10 | 4.66 | 5.19 | |
| August | 1.82 | 1.96 | 3.83 | 4.79 | 1.89 | 3.99 | 3.49 | 2.41 | 3.64 | 2.56 | |
| September | 1.29 | 4.93 | 1.93 | 5.77 | 4.79 | 4.26 | 2.38 | 4.50 | 2.31 | 7.19 | |
| October | 1.01 | 5.68 | 2.93 | 8.26 | 9.40 | 5.86 | 3.78 | 8.80 | 1.33 | 4.26 | |
| November | 6.94 | 3.93 | 1.60 | 1.06 | 4.64 | 4.43 | 0.44 | 6.27 | 8.32 | 4.73 | |
| December | 4.67 | 7.80 | 1.73 | 4.84 | 3.92 | 5.12 | 2.54 | 2.98 | 2.50 | 6.21 | |
| TOTALS | 44.96 | 46.07 | 31.38 | 45.78 | 43.73 | 43.36 | 36.38 | 51.04 | 40.87 | 46.40 | |
| | D | D | D | D | D | D | D | D | D | D | |

1931. Bushes 6' high 7yds 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. | | | Cassillis | 24 | S.E. | Maybole | 34 | S. |

Station No. 5261

RAINFALL at Maybole (Otterden)

41

County of Ayr

Observer Mr D. Brenner Esq.

River Basin 5-Droon

for Mrs. Gross, ^{and 1911}

Type of Gauge D. 6100, 1/2 in.

D. 6100, 1/2 in.

Annual Average 43.2 in. based on 12 years obs. un-weighted. Period of average 1881-1915. Ref. S

File No.

| | | | | | | | | | | |
|-----------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------------|
| Diameter | 5" | | | 643 | 033 | | | | | 5 |
| Height | 1' 3" | | | | | 1 | | | | 1.0 ^{approx} |
| Altitude | 314 ¹ | | | | | 41 | | | | 314 |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 Means |
| January | 0.60 | 1.99 | 4.54 | 5.15 | 3.85 | 4.83 | 2.98 | 7.07 | 5.75 | 3.68 |
| February | 1.92 | 1.58 | 5.06 | 2.32 | 5.54 | 2.56 | .11 | 3.01 | 5.13 | 3.23 |
| March | 2.80 | 2.20 | 2.42 | .64 | 2.99 | 1.92 | 2.97 | 3.96 | 2.77 | 2.81 |
| April | 1.83 | 1.63 | 3.77 | 3.17 | 1.55 | 1.80 | 4.72 | 2.67 | 5.44 | 4.30 |
| May | 2.73 | 1.85 | 2.84 | 2.96 | 3.69 | .70 | 4.56 | .87 | 2.17 | 2.22 |
| June | 1.35 | 2.59 | 4.29 | 3.83 | 4.42 | 2.51 | 3.75 | 5.98 | .94 | 2.53 |
| July | 3.30 | 3.74 | 2.30 | 2.98 | 2.26 | 4.01 | 3.36 | 3.75 | 1.77 | 5.33 |
| August | 5.68 | 4.84 | 5.32 | 3.46 | 2.64 | 2.00 | .42 | 5.06 | 4.75 | 3.85 |
| September | 1.67 | 5.18 | 3.13 | 5.74 | 4.65 | 5.66 | 4.64 | 5.85 | 1.68 | 9.33 |
| October | 4.74 | 6.11 | 7.06 | 4.29 | 3.63 | .49 | 1.90 | 6.53 | 5.74 | 4.33 |
| November | 2.43 | 1.25 | 3.28 | 5.86 | 53 | 6.01 | 7.74 | 3.60 | 5.36 | 3.62 |
| December | 2.38 | 5.65 | 2.66 | 5.86 | 2.67 | 4.17 | 3.38 | 4.44 | 8.99 | 1.47 |
| TOTALS | 31.43 | 41.67 | 46.67 | 46.26 | 38.42 | 36.66 | 40.53 | 53.29 | 50.49 | 46.70 |
| | D | D | D | D | D | D | D | D | D | D |

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

Station No. 5261

RAINFALL at maybole (Osterdale) Old site

51

County of Ayrshire

Observer D. Gross, Esq.

River Basin 5 - Doon

Type of Gauge M.O.

Annual Average 43.2 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " " 45.27 " " 8 within 1951-59. " " 1916-50 " 0
 File No.

| Diameter ... | 5" | | | | 643 | 033 | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height ... | 1' 0" | | | | | | 1 | | | | |
| Altitude ... | 314' | | | | | | 51 | | | | 350' |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 3.87 | 6.07 | 2.81 | 4.43 | 3.31 | 3.47 | 4.54 | 3.95 | 1.43 | 4.47 | |
| February | 3.77 | 1.95 | 1.69 | 3.40 | 2.02 | 4.81 | 2.45 | 3.43 | 2.18 | 3.88 | |
| March | 3.23 | 1.41 | 0.74 | 2.81 | 1.66 | 1.80 | 4.15 | 1.03 | 2.64 | 1.92 | |
| April | 2.43 | 1.55 | 1.80 | 1.17 | 2.75 | 1.47 | 2.47 | 1.72 | 2.19 | 2.59 | |
| May | 1.63 | 1.62 | 2.00 | 1.76 | 3.43 | 2.37 | 1.81 | 2.97 | 1.52 | 1.79 | |
| June | 1.84 | 3.10 | 1.93 | 5.11 | 3.33 | 2.82 | 2.22 | 3.07 | 3.29 | 2.16 | |
| July | 3.56 | 3.51 | 6.25 | 5.35 | 1.92 | 5.00 | 4.52 | 5.47 | 4.30 | 3.26 | |
| August | 4.56 | 6.38 | 3.49 | 4.51 | 1.86 | 6.27 | 4.55 | 5.54 | 1.02 | 3.94 | |
| September | 2.54 | 2.92 | 4.98 | 6.14 | 4.05 | 3.81 | 4.15 | 2.09 | 2.15 | 3.21 | |
| October | 1.80 | 3.97 | 3.02 | 9.39 | 2.50 | 3.53 | 4.83 | 3.57 | 5.13 | 1.97 | |
| November | 6.30 | 2.80 | 6.69 | 6.17 | 2.32 | 2.11 | 2.18 | 2.28 | 4.32 | 6.19 | |
| December | 7.35 | 4.35 | 4.18 | 6.03 | 6.14 | 4.63 | 4.04 | 4.06 | 5.43 | 5.16 | |
| TOTALS ... | 42.88 | 39.53 | 38.48 | 56.27 | 34.29 | 37.79 | 41.91 | 40.12 | 35.60 | 40.54 | |
| | D | D | D | D | D | D | D | n.p. | n.p. | n.p. | |

1915. ~~approximate old site~~
 Ins. (3-10-58) ~~at 9.50m - a little site to Ballygarry obs - the fact that catch is same as new site is attributed to linsplashing~~

RSE. n.p. check.
 1959 n.p. check.
 1960 n.p. check.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 308146

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

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|--|---------|---------|---------|---------|---------|
| | | C1922 ✓ | | ✓ | ✓ | |

643034

Station No. 5261/1

RAINFALL at Mayhole (Otterdey) new site.

51

County of Devon Observer D. Cross, Esq.

River Basin 5 - Doon

Type of Gauge M.D.

Annual Average... in. based on... years obs. un-weighted. Period of average... Ref...
45.27 - - 8 - - within 1951-59 1916-50 File No.

| Diameter ... | | | | | 5' | 643 | 0.34 | | | | |
|---------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| Height ... | | | | | 1'0" | | 1 | | | | |
| Altitude ... | | | | | 350' | | 51 | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | | | | | 3.28 | 3.28 | 4.46 | 4.08 | 1.42 | 4.59 | |
| February ... | | | | | 2.05 | .79 | 2.67 | 3.87 | 2.05 | 3.71 | |
| March ... | | | | | 1.57 | 1.68 | 4.11 | 1.11 | 2.65 | 1.96 | |
| April ... | | | | | 2.73 | 1.49 | 2.45 | 1.76 | 2.19 | 2.62 | |
| May ... | | | | | 3.29 | 2.29 | 1.79 | 2.95 | 1.58 | 1.81 | |
| June ... | | | | | 3.31 | 2.42 | 2.23 | 3.18 | 3.32 | 2.18 | |
| July ... | | | | | 1.91 | 4.87 | 4.44 | 5.38 | 4.32 | 3.36 | |
| August ... | | | | | 1.88 | 6.24 | 4.47 | 5.55 | 1.05 | 3.99 | |
| September ... | | | | | 3.85 | 3.80 | 4.10 | 3.07 | 2.11 | 3.26 | |
| October ... | | | | | 2.50 | 3.35 | 4.84 | 3.46 | 5.03 | 2.00 | |
| November ... | | | | | 2.34 | 2.04 | 2.23 | 2.26 | 4.38 | 6.24 | |
| December ... | | | | | 6.01 | 4.66 | 3.99 | 4.02 | 5.50 | 5.03 | |
| TOTALS ... | | | | | 33.72 | 36.94 | 41.78 | 40.74 | 35.60 | 40.74 | |

Ins. 13-10-58 G. sound - a little off to W. - site was chosen by Frederick R. Stott

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference ... 308147

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

Summary of Earlier Records from 10-year Sheets :

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