

RAINFALL AT

Daly Caaf Kauron

Lat. _____

Lon. _____

County of Agre

Rain Gauge, by _____

Observer

Hebert Christie Esq C.E.

Inn 10-3.

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|-------|-------|-------|--------|
| Diameter ... | | | | | | | | 9 | | | |
| Height | | | | | | | | 10 | | | |
| Altitude ... | | | | | | | | 515 | | | |
| Year ... | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January ... | | | | | | | | 5.00 | 6.12 | 7.05 | |
| February ... | | | | | | | | 3.75 | 5.12 | 3.95 | |
| March | | | | | | | | 6.50 | 3.95 | 2.40 | |
| April | | | | | | | | 4.00 | 1.50 | 5.20 | |
| May | | | | | | | | 5.00 | 3.60 | 2.90 | |
| June | | | | | | | | 7.25 | 3.75 | 3.20 | |
| July | | | | | | | | 3.62 | 6.25 | 7.35 | |
| August | | | | | | | | 7.00 | 3.50 | 4.90 | |
| September .. | | | | | | | | 2.10 | 9.75 | 2.75 | |
| October ... | | | | | | | | 9.50 | 1.98 | 10.20 | |
| November .. | | | | | | | | 7.12 | 5.40 | 4.80 | |
| December ... | | | | | | | | 7.00 | 6.30 | 6.85 | |
| TOTALS ... | | | | | | | | 67.94 | 57.22 | 61.55 | |

1907 Daly Church 3 miles SE
 " Station 3 1/2 " SE
 Hills 300 ft high near by

RAINFALL at Dalry, Loaf ReservoirCounty of Ayr.Observer Gilbert Christie Esq. F.R.S.River Basin Irvine Hb. 3.Sunder ¹⁹¹⁵ Rain Gauge, by _____

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 11 | 9 | 11 | 5 | | | | | | | |
| Height | 1 0 | | 1 3 | | | | 1 0 | | | 1 3 | |
| Altitude ... | 515 | ↑ | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 10.12 | 4.20 | 3.70 | 4.65 | 4.24 | 5.05 | 6.54 | 3.40 | 5.49 | 5.38 | 20.81 |
| February ... | 14.75 | 7.35 | 4.35 | 3.96 | 5.01 | 6.14 | 5.88 | 1.08 | 6.72 | .95 | 14.63 |
| March | 6.00 | 2.10 | 6.55 | 4.73 | 5.87 | 2.42 | 1.20 | 1.99 | 2.04 | 3.89 | 9.12 |
| April | 3.00 | 3.35 | 2.45 | 3.86 | 3.22 | 3.47 | 4.72 | 1.92 | .64 | 3.41 | 10.69 |
| May | 2.65 | 3.10 | 2.15 | 3.97 | 2.76 | 1.17 | 4.64 | 3.88 | 3.17 | 1.22 | 12.91 |
| June | 2.05 | 2.60 | 6.10 | 3.89 | 1.60 | 2.36 | 3.09 | 4.50 | 1.89 | 5.47 | 14.95 |
| July | 4.55 | 3.90 | 3.15 | 1.71 | 2.75 | 4.25 | 2.72 | 1.85 | 4.84 | 1.80 | 11.21 |
| August | 10.80 | 2.70 | 4.30 | 1.71 | 5.78 | 2.62 | 4.89 | 5.08 | 3.43 | 4.13 | 17.53 |
| September .. | 2.80 | 3.05 | 4.35 | 2.76 | 3.39 | 1.68 | 2.62 | 4.02 | 6.70 | 4.34 | 17.68 |
| October ... | 2.80 | 4.75 | 6.75 | 3.25 | 3.02 | 4.26 | 7.04 | 10.46 | 8.21 | 1.79 | 27.50 |
| November .. | 4.25 | 7.05 | 5.05 | 7.24 | 5.27 | 2.47 | 4.72 | 10.92 | 6.72 | 5.15 | 27.51 |
| December ... | 5.65 | 7.95 | 7.60 | 5.96 | 6.13 | 6.57 | 5.76 | 3.63 | 5.82 | 9.70 | 24.91 |
| TOTALS ... | 69.42 | 52.10 | 56.50 | 47.69 | 49.04 | 42.46 | 53.82 | 52.73 | 55.67 | 47.23 | 209.45 |

1917 Corr. for ault by M1030 20.12.52-~~FW~~
 1919. Object moved: "Hills."

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| 1911. | | | Dalry | 3 mls | E. | Dalry | 3 mls. | E. |

RAINFALL at Dalry (Gaaf Reservoir).County of Sgt.Observer Gilbert Christie, Esq. C.E.River Basin S. Irvine.Shawdon Rain Gauge, by _____

| Diameter ... | 5 | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|--------|
| Height | 1.3 | | | | | | | | | | | |
| Altitude ... | 515 | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930. MEANS. | |
| January ... | 5.39 | 7.77 | 3.98 | 6.26 | 6.24 | 5.75 | 6.72 | 7.16 | 10.90 | 2.62 | 5.94 | 6.873 |
| February ... | 6.72 | 1.97 | 6.31 | 5.47 | 1.48 | 4.36 | 6.74 | 3.85 | 4.02 | 3.35 | .21 | 4.448 |
| March | 4.64 | 6.86 | 2.67 | 2.61 | .95 | 2.79 | 2.78 | 4.92 | 5.25 | 1.75 | 3.64 | 3.886 |
| April | 2.35 | 1.57 | 3.23 | 4.34 | 3.68 | 5.14 | 2.68 | 3.52 | 2.01 | 1.78 | 2.79 | 3.309 |
| May | 6.09 | 3.62 | 5.24 | 1.70 | 5.38 | 7.71 | 3.66 | 3.34 | 2.11 | 3.80 | 2.63 | 4.528 |
| June | 2.62 | 1.43 | 3.17 | 1.84 | 3.74 | .89 | 3.53 | 6.21 | 5.26 | 4.82 | 3.36 | 3.647 |
| July | 5.26 | 5.69 | 3.43 | 6.03 | 4.95 | 2.21 | 4.57 | 5.29 | 3.43 | 4.86 | 3.84 | 4.946 |
| August | 7.15 | 6.84 | 3.89 | 7.58 | 5.33 | 4.81 | 5.77 | 5.32 | 4.85 | 7.50 | 7.72 | 6.676 |
| September... | 4.20 | 2.79 | 4.49 | 8.71 | 6.35 | 3.88 | 4.34 | 6.23 | 4.69 | 2.06 | 4.81 | 5.255 |
| October | 3.08 | 5.34 | 3.61 | 7.35 | 4.37 | 5.40 | 7.68 | 6.70 | 9.12 | 6.85 | 8.50 | 6.800 |
| November... | 6.09 | 3.53 | 4.58 | 4.57 | 4.13 | 1.77 | 6.37 | 5.35 | 7.25 | 8.80 | 6.00 | 5.844 |
| December... | 6.02 | 9.37 | 4.10 | 6.20 | 6.67 | 4.63 | 2.80 | 1.36 | 3.52 | 10.66 | 6.47 | 6.180 |
| TOTALS... | 59.61 | 56.78 | 48.70 | 62.66 | 53.17 | 49.34 | 57.64 | 59.25 | 62.51 | 58.35 | 55.91 | 62.392 |
| | D | D | D | D | D | D | D | D | D | D | D | 816 |

1920. ^{nearest} object = "Hills".

11/10. Gauge moved to position suggested by Mr. Glasspool 12/9/29.

Site inspected by Dr. Glasspool 12.9.29.

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 from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|----------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920. | | | Dalry. | 3 m. | E. | Dalry | 3 m. | E. |
| 1925 | 55° 43' | 4° 47' W | " | " | " | " | " | " |

RAINFALL at Dalry (Caaf Reservoir)County of DyrObserver Gilbert Christie, C.F.River Basin 3 - Irvine ac.W. G. Gill, C.F. (1933)Type of Gauge StandardAnnual Average 53.2 in. based on 22 years obs. un-weighted. Period of average 1981-1915 Ref. 5

| Diameter | 5' | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Height | 1' 3" | | | | | | | | | | |
| Altitude | 515' | | | | | | | | | | |
| Year | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 | 1988 | 1989 | 1940 | Total Means |
| January | 5.30 | 9.30 | 4.62 | 5.18 | 3.58 | 5.50 | 6.00 | 8.24 | 5.93 | 3.80 | 57.45 |
| February | 5.45 | 1.2 | 3.66 | 6.8 | 6.66 | 2.91 | 6.99 | 3.00 | 7.57 | 2.43 | 39.41 |
| March | 1.56 | 3.39 | 2.27 | 2.81 | 2.32 | 3.34 | 1.79 | 4.41 | 5.43 | 5.79 | 33.11 |
| April | 2.42 | 4.89 | 2.87 | 3.44 | 4.52 | 1.63 | 3.07 | .77 | 3.49 | 3.53 | 30.63 |
| May | 4.82 | 3.68 | 3.39 | 3.54 | 1.15 | 2.58 | 1.99 | 4.86 | 1.36 | 1.53 | 28.90 |
| June | 6.50 | 2.76 | 3.06 | 3.71 | 5.64 | 2.52 | 5.43 | 7.14 | 3.12 | 1.47 | 41.35 |
| July | 5.34 | 5.37 | 5.56 | 3.34 | 3.63 | 6.69 | 6.59 | 6.32 | 7.80 | 4.04 | 54.68 |
| August | 2.28 | 3.66 | 5.43 | 5.80 | 2.59 | 5.28 | 4.31 | 4.53 | 2.34 | 3.31 | 39.55 |
| September | 2.22 | 6.72 | 1.22 | 8.19 | 7.25 | 5.23 | 3.45 | 5.61 | 4.79 | 6.34 | 51.02 |
| October | 4.55 | 8.16 | 4.04 | 10.25 | 11.43 | 7.40 | 3.36 | 11.65 | 2.99 | 5.99 | 69.82 |
| November | 9.29 | 4.97 | 3.54 | 1.80 | 6.15 | 5.63 | 1.07 | 9.77 | 9.87 | 8.27 | 60.36 |
| December | 5.31 | 8.68 | 1.99 | 9.07 | 4.88 | 7.93 | 3.96 | 4.39 | 4.50 | 3.65 | 59.36 |
| TOTALS | 55.04 | 61.70 | 41.65 | 57.81 | 59.80 | 56.64 | 48.01 | 70.69 | 59.13 | 55.15 | 565.62 |

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. | | | Dalry | 3m. | E. | Dalry | 3m. | E. |

RAINFALL at Dalry (Caaf Reservoir)Station No. 5246

41

County of Ayr Observer W. G. Guild, Esq.River Basin 3-Inver & C.Type of Gauge SnowdonAnnual Average 53.2 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

| | | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Diameter | 5" | | | | 648 | 056 | | | | | | |
| Height | 1' 3" | | | | | 1 | | | | | | |
| Altitude | 515' | | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | |
| January | 0.98 | 9.34 | 6.83 | 5.41 | 3.83 | 6.87 | 7.14 | 8.39 | 7.00 | 4.47 | 59.66 | |
| February | 3.41 | 2.28 | 6.82 | 2.31 | 7.64 | 4.32 | .58 | 4.93 | 5.98 | 4.81 | 4308 | |
| March | 2.81 | 4.25 | 2.38 | 1.22 | 4.22 | 2.86 | 5.02 | 5.01 | 3.98 | 4.16 | 3591 | |
| April | 2.47 | 2.68 | 4.97 | 3.64 | 2.74 | 3.09 | 5.72 | 4.10 | 7.02 | 4.72 | 4115 | |
| May | 4.59 | 3.44 | 4.45 | 4.10 | 4.95 | 1.08 | 5.57 | 2.90 | 2.44 | 2.27 | 3584 | |
| June | 1.74 | 2.83 | 4.79 | 4.53 | 5.13 | 3.37 | 4.69 | 6.74 | 1.82 | 4.07 | 3971 | |
| July | 4.90 | 5.82 | 3.86 | 5.63 | 4.00 | 5.29 | 3.77 | 4.82 | 2.34 | 7.19 | 4702 | |
| August | 5.55 | 8.04 | 8.99 | 3.33 | 2.59 | 3.83 | .08 | 7.41 | 6.92 | 7.16 | 5396 | |
| September | 2.89 | 8.37 | 4.07 | 7.22 | 5.70 | 9.40 | 6.06 | 8.18 | 3.71 | 12.11 | 6771 | |
| October | 5.96 | 7.95 | 9.61 | 7.23 | 8.65 | .89 | 3.54 | 10.06 | 7.20 | 5.21 | 6630 | |
| November | 4.58 | 1.18 | 4.46 | 6.81 | .96 | 9.19 | 7.81 | 5.25 | 8.43 | 4.88 | 5355 | |
| December | 3.15 | 7.58 | 3.50 | 6.02 | 5.50 | 6.41 | 3.13 | 8.35 | 11.01 | 2.36 | 5701 | |
| TOTALS | 43.03 | 63.76 | 63.53 | 57.51 | 55.91 | 56.60 | 53.11 | 76.14 | 67.90 | 63.41 | 60090 | |

1950. Letter to Cong. re similarity of readings to 5247. Cong. state records have been accepted for 37 years. To be discussed later when opportunity arises.

1949. Unusually long - watch.

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1941 | | | Dalry | 3 mi | E | Dalry | 3 mi | E |

Station No. 5246

RAINFALL at Dalry (Coag. Reservoir)

51

County of Ayrshire

Observer W. G. Guided Log

River Basin 3-Grouse & C

Type of Gauge Snowdon + A (Piers T-S)

Annual Average 53.2 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter ... | 5" | | | | 648 | 056 | | | | | |
| Height ... | 1' 3" | | | | | 1 | | | | | |
| Altitude ... | 515' | | | | | 51 | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 5.67 | 7.66 | 3.90 | 6.67 | 4.02 | 5.00 | 6.38 | 6.42 | 2.20 | 4.13 | |
| February ... | 3.27 | 2.80 | 3.13 | 6.42 | 3.33 | 2.00 | 3.32 | 4.88 | 2.59 | 4.57 | |
| March ... | 4.44 | 4.38 | 1.66 | 4.12 | 2.11 | 3.65 | 6.98 | 1.56 | 3.58 | 2.37 | |
| April ... | 2.95 | 2.67 | 2.95 | 2.80 | 5.52 | 1.75 | 3.21 | 2.33 | 3.79 | 5.53 | |
| May ... | 2.73 | 2.17 | 2.95 | 3.46 | 5.11 | 3.22 | 3.05 | 3.90 | 2.14 | 3.16 | |
| June ... | 2.79 | 4.00 | 1.70 | 5.35 | 4.77 | 3.81 | 2.96 | 3.25 | 4.26 | 3.94 | |
| July ... | 4.21 | 4.84 | 5.98 | 5.16 | 1.64 | 8.11 | 6.51 | 5.84 | 7.03 | 5.98 | |
| August ... | 5.69 | 5.91 | 4.62 | 8.42 | 1.68 | 7.11 | 5.19 | 5.99 | 1.29 | 5.66 | |
| September ... | 4.85 | 5.16 | 7.37 | 7.84 | 6.42 | 6.41 | 4.22 | 5.19 | 2.18 | 4.41 | |
| October ... | 1.93 | 6.71 | 4.63 | 12.36 | 3.68 | 4.02 | 7.12 | 5.17 | 7.64 | 3.20 | |
| November ... | 7.32 | 3.91 | 9.31 | 8.34 | 3.43 | 2.86 | 2.77 | 3.18 | 5.80 | 7.32 | |
| December ... | 9.46 | 7.13 | 6.07 | 8.23 | 9.21 | 6.96 | 5.85 | 7.18 | 9.05 | 6.89 | |
| TOTALS ... | 55.31 | 57.34 | 54.27 | 79.17 | 50.92 | 54.90 | 57.86 | 54.89 | 51.55 | 57.16 | |
| | D | D | D | D | D | D | D | D | D | D | |

Inst Oct-1957. Little of c sw. New data 15 in installed in position selected with 2 years overlap 1959 in p check and probably high. 1960 in p check

probably not independent from Birkhead steel 5247?

Assumed to have terminated 12/60. 8/9/72

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 26/253498

| 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-*Rejected*

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

RAINFALL at Dolby (Coaf Reservoir) N.S. Station No. 5249/1
 County of Wiltshire Observer W. G. Guild Esq.
 River Basin Lavine & C-3
 Type of Gauge.....

51

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....
~~500~~ ~~1958-59~~ ~~1916-50~~ File No. 1916-50

| | | | | | | | | | | | |
|---------------|------|------|------|------|------|------|---------------|-------|-------|-------|-------|
| Diameter ... | | | | 648 | 057 | | 5" | | | | |
| Height ... | | | | | 1 | | 1'0" | | | | |
| Altitude ... | | | | | 51 | | 550' | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | | | | | | | -100 | 5.85 | 2.09 | 4.11 | |
| February ... | | | | | | | | 4.34 | 2.28 | 4.37 | |
| March ... | | | | | | | | 1.54 | 3.37 | 2.35 | |
| April ... | | | | | | | | 2.16 | 3.58 | 5.28 | |
| May ... | | | | | | | | 3.74 | 2.04 | 3.06 | |
| June ... | | | | | | | | 3.31 | 3.87 | 3.83 | |
| July ... | | | | | | | | 5.81 | 6.59 | 5.76 | |
| August ... | | | | | | | | 5.76 | 1.13 | 5.39 | |
| September ... | | | | | | | | 4.99 | 2.08 | 4.27 | |
| October ... | | | | | | | | 4.80 | 7.20 | 3.20 | |
| November ... | | | | | | | #-100 2mp. | 3.01 | 5.52 | 7.07 | |
| December ... | | | | | | | 5.00 | 6.67 | 8.87 | 6.47 | |
| TOTALS ... | | | | | | | -100 9mp. | 51.98 | 48.62 | 55.16 | |

1958 ap clack No M.F.R. Not plotted on 1/2" O.S.

Annual average 55.75 in. based on 2 yrs. obs. 1958-59. Period of average 1916-50. Ref. 3.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference NS(26)255499

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

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | c 1958 | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|--------|---------|---------|---------|---------|---------|
| | | | | | | |