

RAINFALL AT Ardkinglas

Lat. _____

Lon. _____

County of Argyll

Rain Gauge, by N42

Observer Sir Andrew Noble Bart FRD

Loch Fyne - 11.

Mr. Peter Lindsay

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|-------|-------|--------|
| Diameter ... | | | | | | | | | 8 | | |
| Height | | | | | | | | | 16 | | |
| Altitude ... | | | | | | | | | 37 | | |
| Year ... | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January ... | | | | | | | | | 11.40 | 972 | |
| February ... | | | | | | | | | 9.34 | 436 | |
| March | | | | | | | | | 12.70 | 229 | |
| April | | | | | | | | | 2.40 | 6.55 | |
| May | | | | | | | | | 4.03 | 538 | |
| June | | | | | | | | | 3.94 | 236 | |
| July | | | | | | | | | 4.97 | 573 | |
| August | | | | | | | | | 5.83 | 436 | |
| September .. | | | | | | | | | 10.07 | 256 | |
| October ... | | | | | | | | | 2.52 | 12.51 | |
| November .. | | | | | | | | | 6.20 | 592 | |
| December ... | | | | | | | | | 9.43 | 786 | |
| TOTALS ... | | | | | | | | | 82.83 | 6760 | |

1908 Cairndow Church $\frac{1}{2}$ Mile NE

Arrochar Station 14 "

Home 80' high 118 yards NE

Jan - May poor defective g. & subsequently cor?

1909. Kilmarich Church $\frac{1}{2}$ mile NE.

RAINFALL at ArdkinglasCounty of ArgyllObserver Sir Andrew Noble Bt.River Basin Loch Fyne, 11.per P. Lindsay
Jas. Payne (1911)Rain Gauge, by N + Z.

| Diameter ... | 8 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1 6 | | | | | | | | | | |
| Altitude ... | 377 | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 9.00 | 6.67 | 11.45 | 9.71 | 6.24 | 7.47 | 11.16 | 3.51 | 3.73 | 3.39 | |
| February ... | 11.05 | 12.26 | 7.10 | 7.07 | 12.41 | 14.19 | 9.43 | 1.51 | 11.46 | .83 | |
| March | 5.88 | 2.86 | 8.29 | 11.93 | 9.71 | 4.99 | 2.13 | 2.80 | 1.84 | 5.41 | |
| April | 7.36 | 6.86 | 5.02 | 7.20 | 6.86 | 7.29 | 4.69 | 1.91 | 2.28 | 6.42 | |
| May | 3.72 | 4.76 | 4.27 | 9.40 | 3.90 | 1.19 | 5.03 | 2.66 | 3.88 | 1.60 | |
| June | 2.58 | 4.52 | 5.48 | 6.46 | 2.29 | 1.89 | 1.90 | 3.38 | 3.23 | 6.24 | |
| July | 5.93 | 5.75 | 3.17 | 1.20 | 3.03 | 5.05 | 3.62 | 2.30 | 5.47 | 2.08 | |
| August | 10.83 | 7.19 | 5.59 | 3.46 | 5.82 | 3.18 | 3.54 | 8.05 | 4.83 | 4.01 | |
| September .. | 3.54 | 3.67 | 5.35 | 4.09 | 3.29 | 2.20 | 2.60 | 6.08 | 6.71 | 6.46 | |
| October ... | 3.95 | 3.09 | 7.56 | 5.94 | 3.40 | 4.33 | 7.85 | 13.27 | 10.18 | 1.79 | |
| November .. | 4.74 | 5.79 | 9.84 | 11.71 | 10.76 | 4.04 | 8.48 | 14.06 | 11.79 | 6.42 | |
| December ... | 11.60 | 17.19 | 19.42 | 7.57 | 13.98 | 8.49 | 8.63 | 3.58 | 9.67 | 14.90 | |
| TOTALS ... | 80.18 | 80.61 | 92.54 | 83.84 | 81.69 | 64.31 | 69.06 | 63.11 | 75.07 | 57.55 | 74.796 |

2 2

2 2

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| 1912 | | | Ardrochar | | | | | |

RAINFALL at ArdringlassCounty of AngusObserver Mr. J. PayneRiver Basin Loch Lyne, 11.Rain Gauge, by M. J.

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-----------------|--|
| Diameter ... | 8 | | | | | | | | | | | |
| Height | 16 | | | | | | | | | | | |
| Altitude ... | 37 | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930. MEANS. | |
| January ... | 12.61 | 13.89 | 10.26 | 11.57 | 8.30 | 8.70 | 13.25 | 12.33 | 20.04 | 2.91 | 14.02 | |
| February ... | 13.00 | 3.53 | 8.28 | 11.60 | 2.24 | 7.33 | 7.05 | 6.20 | 8.24 | 2.70 | 5.4 | |
| March | 11.21 | 12.16 | 3.10 | 4.59 | .68 | 3.30 | 8.12 | 6.96 | 8.71 | 1.74 | 14.73 | |
| April | 4.32 | 2.69 | 5.05 | 6.87 | 4.95 | 7.20 | 3.11 | 6.22 | 5.01 | 2.58 | 2.77 | |
| May | 9.62 | 5.47 | 7.39 | 3.72 | 5.19 | 10.26 | 3.98 | 4.10 | 1.04 | 7.52 | 3.09 | |
| June | 3.40 | 1.15 | 4.37 | 3.37 | 4.08 | 1.46 | 5.58 | 5.69 | 5.28 | 5.76 | 14.85 | |
| July | 6.63 | 5.36 | 6.14 | 7.52 | 7.14 | 3.07 | 4.06 | 4.52 | 6.81 | 5.18 | 3.05 | |
| August | 4.57 | 6.66 | 3.79 | 7.66 | 5.71 | 5.09 | 7.92 | 6.07 | 6.61 | 7.51 | 7.82 | |
| September... | 5.41 | 4.76 | 3.91 | 10.70 | 8.53 | 5.63 | 5.88 | 7.99 | 6.65 | 3.44 | 5.45 | |
| October | 7.94 | 7.27 | 4.16 | 13.56 | 5.12 | 7.83 | 10.55 | 9.27 | 11.70 | 10.87 | 11.84 | |
| November... | 8.37 | 3.90 | 6.79 | 6.45 | 6.52 | 1.90 | 11.10 | 9.05 | 12.83 | 10.87 | 11.08 | |
| December... | 7.33 | 11.87 | 9.58 | 7.13 | 12.44 | 6.66 | 5.79 | 1.57 | 9.70 | 20.64 | 10.74 | |
| TOTALS... | 94.41 | 78.71 | 72.82 | 94.74 | 71.20 | 68.43 | 86.39 | 79.97 | 102.67 | 81.72 | 79.49 | |
| | D | D | D | D | D | D | D | D | D | D | D | |

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1912 | | | Arrochar | | | | | |

RAINFALL at ArkinglassCounty of ArgyllObserver J. PayneRiver Basin 11- Loch DyneJ. R. Taylor (1932)Type of Gauge SnowdonAnnual Average ^x in. based on years obs. un-weighted. Period of average Ref.

| | | | | | | | | | | | |
|-----------|-------|---------|-------|-------|-------|-------|-------|--------|------|------|-------|
| Diameter | 8. | | | | | | | | | | |
| Height | 1. 6. | | | | | | | | | | |
| Altitude | 37. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 9.32 | 15.66 | 9.30 | 12.94 | 5.71 | 6.29 | 16.01 | 13.46 | | | |
| February | 8.81 | .03 | 8.25 | 2.06 | 9.73 | 3.90 | 8.22 | 6.90 | | | |
| March | 1.32 | 4.35 | 5.98 | 4.19 | 4.08 | 5.01 | 1.95 | 9.34 | | | |
| April | 4.12 | 7.64 | 5.07 | 5.35 | 4.11 | 1.97 | 3.64 | 1.48 | | | |
| May | 4.40 | 2.72 | 3.76 | 6.39 | .83 | 2.76 | 2.58 | 4.44 | | | |
| June | 6.63 | 2.54 | 4.17 | 2.50 | 5.38 | 2.12 | 4.69 | 8.40 | | | |
| July | 6.02 | 7.52 | 5.62 | 3.48 | 3.57 | 6.94 | 7.37 | 6.61 | | | |
| August | 2.11 | 4.99 | 5.85 | 6.04 | 4.62 | 4.61 | 5.29 | 3.83 | | | |
| September | 2.46 | 6.54 | 1.27 | 11.14 | 10.61 | 3.96 | 5.51 | 7.80 | | | |
| October | 6.63 | (1.22) | 6.10 | 12.76 | 16.54 | 9.92 | 3.10 | 15.38 | | | |
| November | 12.10 | 7.87 | 4.80 | 2.61 | 9.00 | 5.44 | 1.55 | 17.21 | | | |
| December | 9.84 | 11.91 | 2.51 | 14.52 | 7.00 | 13.58 | 3.30. | 9.39 | | | |
| TOTALS | 74.06 | (82.98) | 62.68 | 53.98 | 80.98 | 66.50 | 63.21 | 104.24 | | | |

1932 Interpolated 3" for period Oct 14th 19th.

Sutcliffe 80' N.W.

Small natural stone 7'5" high 6'3" s.

Stella 91' s.w.

1939 Station terminated

* An av. of 72.4 in. computed for Survey (1933 rev.) appears satisfactory. (25 yrs weighted).

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1932 | | | Arkinglass | 11 m | E | Saint Andrew | 3 m | N. E |

Station No. 5428

RAINFALL at Bardonia

41

County of ArgyllObserver J. R. Taylor Esq.River Basin 11 - Loch Fyne

Type of Gauge.....

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

File No.

| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|---------------------|--------------------|---------------|---------------|---------------|-------|
| Diameter | ..... | ..... | ..... | 669 | 208 | ..... | 8" | ..... | ..... | ..... | ..... |
| Height | ..... | ..... | ..... | ..... | 1 | ..... | 1' 6" | ..... | ..... | ..... | ..... |
| Altitude | ..... | ..... | ..... | ..... | 41 | ..... | 37' | ..... | ..... | ..... | ..... |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | ..... | ..... | ..... | ..... | ..... | -100 | 11.40 | 11.03 | 10.83 | 5.58 | ..... |
| February | ..... | ..... | ..... | ..... | ..... | ..... | 0.26 | 8.69 | 9.50 | 8.46 | ..... |
| March | ..... | ..... | ..... | ..... | ..... | ..... | 3.37 | 10.21 | 3.63 | 4.72 | ..... |
| April | ..... | ..... | ..... | ..... | ..... | ..... | 11.40 | 4.97 | 8.59 | 4.89 | ..... |
| May | ..... | ..... | ..... | ..... | ..... | ..... | 4.27 | 2.80 | 3.80 | 1.81 | ..... |
| June | ..... | ..... | ..... | ..... | ..... | ..... | 4.18 | 6.58 | 1.88 | 3.91 | ..... |
| July | ..... | ..... | ..... | ..... | ..... | ..... | 6.41 | 5.11 | 3.10 | 9.49 | ..... |
| August | ..... | ..... | ..... | ..... | ..... | ..... | 0.04 | 7.95 | 5.69 | 4.89 | ..... |
| September | ..... | ..... | ..... | ..... | ..... | ..... | 8.78 | 10.28 | 3.36 | 10.78 | ..... |
| October | ..... | ..... | ..... | ..... | ..... | ..... | 3.46 | 12.12 | 8.87 | 8.48 | ..... |
| November | ..... | ..... | ..... | ..... | ..... | -100 | 11.58 | 5.16 | 9.44 | 6.32 | ..... |
| December | ..... | ..... | ..... | ..... | ..... | 10.80 | 3.53 | 13.11 | 13.61 | 2.66 | ..... |
| TOTALS | ..... | ..... | ..... | ..... | ..... | -100 imp n.p. | 68.68 d n.p. | 98.01 n.p. | 82.30 n.p. | 45.19 n.p. | ..... |

Observations ceased in 1939, resumed 10/1/46.

1946. n.p. imp

1949. n.p. Point. Some daily values may not be reliable.

1948 n.p. low. 1949 n.p. low. Impaction assumed for.

1950. Persistently low. Daily values good

Note: 1949 n.p. with 1949

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| | | | | | | | | |

BRITISH RAINFALL ORGANIZATION

Station No. 5428

51

RAINFALL at ArddingoliasCounty of AngleseyObserver J. R. Taylor Esq.River Basin Loch Tyne - 11.Type of Gauge SnowdonAnnual Average in, based on 9 years obs. un-weighted. Period of average 1916-50 Ref. S." " 65-93 " " 1951-59 " " 1916-50

File No.

| | | | | | | | | | | | |
|---------------|-------|---------|--------|-------|-------|-------|-------|-------|-------|--------|--------|
| Diameter ... | 8" | | 8" | | | 669 | 208 | | | | |
| Height ... | 1' 6" | 1' 6" | 1' 0" | | | | 1 | | | | |
| Altitude ... | 37 | | 27' | | | | 51 | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 8.33 | 6.29 | 5.96 | 7.99 | 4.82 | 6.55 | 12.27 | 11.02 | 3.10 | 5.88 | |
| February ... | 6.13 | (6.23) | 4.94 | 7.34 | 6.27 | 2.54 | 6.92 | 3.88 | 3.59 | 6.59 | |
| March ... | 5.16 | (8.00) | (2.87) | 6.13 | 2.59 | 4.58 | 7.79 | 1.80 | 7.27 | 3.26 | |
| April ... | 6.41 | 4.16 | 5.35 | 3.49 | 6.47 | 2.52 | 3.29 | 3.73 | 7.13 | 7.87 | |
| May ... | 2.03 | 2.53 | 3.80 | 4.93 | 4.71 | 5.16 | 2.28 | 5.18 | 3.12 | 4.70 | |
| June ... | 2.44 | 5.57 | 1.26 | 4.55 | 5.31 | 5.11 | 3.75 | 2.61 | 4.22 | 4.89 | |
| July ... | 5.58 | 4.09 | 7.77 | 4.94 | 1.14 | 6.86 | 6.00 | 3.85 | 7.57 | 6.06 | |
| August ... | 6.26 | 6.97 | 7.20 | 5.74 | 2.47 | 7.19 | 6.59 | 6.64 | 3.58 | 3.32 | |
| September ... | 7.36 | 4.43 | 10.62 | 9.54 | 7.97 | 5.76 | 4.55 | 6.19 | 2.11 | (4.10) | |
| October ... | 3.46 | 9.02 | 6.82 | 12.37 | 7.44 | 5.49 | 8.99 | 8.03 | 8.26 | (3.78) | |
| November ... | 14.67 | 2.61 | 13.74 | 15.26 | 4.93 | 5.23 | 3.05 | 2.46 | 9.16 | 10.45 | |
| December ... | 14.01 | 9.02 | 8.17 | 13.53 | 12.26 | 13.97 | 12.94 | 9.86 | 15.85 | 10.57 | |
| TOTALS ... | 81.84 | (68.92) | 78.50 | 95.81 | 66.38 | 70.96 | 78.42 | 65.63 | 74.96 | 71.47 | 75.289 |
| | D | n.p. | n.p. | d | d | d | d | d | d | d. | |

1951. Two small front-tines 6' at 15' + 20' S. shed 30' at 56' S. Bussling 20' at 61' S.E.

Bussling 18-20' at 130' N. gauge tested on 9/5/52 & found sound.

1952. Sub. 18. 11. 52 by A.B. Thomson. Bussling 18-20' at 130' N. gauge tested on 9/5/52 & found sound. new site chosen. Mean 8. will be with well 3' high 15' N.E. - S.W. Tree 30' high 60' S.W. from tower 10-12' high 40-50' N.E. 27' N.E.

1952. n.p. Seating & overshedding (5.8000)

1953. n.p. low.

1960 Sept. Oct app. by M.O.E.

Observer V. 5000 show it should be 0.2. high 18000 possible weathered accumulation. are at fault. Hopping 18. 11. 52 will place a gauge somewhere near to coline profile. (note on 18. 11. 52)

C0144

30004 10004

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference 27/15104

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|-------------------|-------------------------------|----------------|--------------------------------|
| 1951 | | | Arrochar & Tardel | 11 m. E. | Bairdow | 3/4 m. E. |

Summary of Earlier Records from 10-year Sheets:

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|-----------------|---------|-------------------|--------------|---------|
| | ✓ n.p. 11. 52 | ✓ | ✓ n.p. 38-40 | ✓ n.p. 41-50 | |
| | D 12-18. 11. 52 | ✓ | ✓ n.p. 33. 11. 52 | ✓ n.p. 48-50 | |