

## RAINFALL at Altagarra Mountain

County of Londonderry Observer H.A. Robinson C.E.River Basin Foyle + C. 5W. Criswell, Esq. L.S. (1929)

M.O. Rain Gauge, by \_\_\_\_\_

Exposed on Moor

|               |      |      |      |      |      |      |      |      |       |       |               |
|---------------|------|------|------|------|------|------|------|------|-------|-------|---------------|
| Diameter ...  |      |      |      |      |      |      |      |      | 5     |       |               |
| Height .....  |      |      |      |      |      |      |      |      | 10    |       |               |
| Altitude ...  |      |      |      |      |      |      |      |      | 1230  |       |               |
| Year .....    | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928  | 1929  | 1930<br>Mean. |
| January ...   |      |      |      |      |      |      |      |      | 8.05  | 2.34  | 5.77          |
| February ...  |      |      |      |      |      |      |      |      | 4.59  | 4.59  | 1.76          |
| March .....   |      |      |      |      |      |      |      |      | 5.52  | 1.74  | 4.17          |
| April .....   |      |      |      |      |      |      |      |      | 2.94  | 1.97  | 3.29          |
| May .....     |      |      |      |      |      |      |      |      | 1.59  | 4.19  | 2.42          |
| June .....    |      |      |      |      |      |      |      |      | 6.35  | 3.52  | 2.47          |
| July .....    |      |      |      |      |      |      |      |      | 2.49  | 4.32  | 5.69          |
| August .....  |      |      |      |      |      |      |      |      | 10.05 | 8.83  | 10.82         |
| September...  |      |      |      |      |      |      |      |      | 4.77  | 1.81  | 4.82          |
| October ..... |      |      |      |      |      |      |      |      | 9.47  | 8.87  | 9.38          |
| November...   |      |      |      |      |      |      |      |      | 7.55  | 7.77  | 7.20          |
| December...   |      |      |      |      |      |      |      |      | 6.49  | 10.10 | 7.22          |
| TOTALS...     |      |      |      |      |      |      |      |      | 69.86 | 59.05 | 65.01         |
|               |      |      |      |      |      |      |      |      | M.    | M.    | M.            |

1928. On top of shoulder between Altagarra + Crockalougha.

1929. a turf wall 1ft high 5ft radius, was built around the gauge in June.

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 from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1928  |         |       | Dungiven         | 10m                 | N                    | Banagher       | 6½m                 | N.W                  |
|       |         |       |                  |                     |                      | 000380         |                     |                      |

RAINFALL at Glenadra (Aragarran Mountain)County of LondonderryObserver W. Gaiswold, C.F.River Basin S. Foyle & C.Londonderry C.B.C.Type of Gauge M.O.

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

7. 664891/26

|           |       |       |       |       |       |       |       |       |       |       |       |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Diameter  | 5"    |       |       |       |       |       |       |       |       |       |       |  |
| Height    | 1' 0" |       |       |       |       |       |       |       |       |       |       |  |
| Altitude  | 1230' |       |       |       |       |       |       |       |       |       |       |  |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means |  |
| January   | 7.19  | 6.14  | 4.62  | 6.26  | 8.28  | 7.52  | 9.15  | 7.12  | 5.43  | 4.58  |       |  |
| February  | 5.13  | .30   | 5.60  | .94   | 6.09  | 3.33  | 6.50  | 3.63  | 4.53  | 3.50  |       |  |
| March     | 2.03  | 4.56  | 4.57  | 3.29  | 1.96  | 4.62  | 4.43  | 3.18  | 5.19  | 5.81  |       |  |
| April     | 5.29  | 5.72  | 2.18  | 5.97  | 4.71  | 1.66  | 4.64  | 4.28  | 3.20  | 7.30  |       |  |
| May       | 6.37  | 3.97  | 4.92  | 5.07  | 1.34  | 2.89  | 2.73  | 4.66  | 1.35  | 1.76  |       |  |
| June      | 6.12  | 2.97  | 3.57  | 3.67  | 6.62  | 2.62  | 2.45  | 7.69  | 3.62  | 2.24  |       |  |
| July      | 6.01  | 4.49  | 4.60  | 3.79  | 1.78  | 9.08  | 7.48  | 6.91  | 6.36  | 5.45  |       |  |
| August    | 4.50  | 2.44  | 3.44  | 6.59  | 3.52  | 4.07  | 5.30  | 2.76  | 2.27  | 1.63  |       |  |
| September | 3.57  | 5.90  | 1.26  | 9.28  | 6.84  | 6.38  | 3.96  | 4.30  | 2.94  | 4.22  |       |  |
| October   | 4.46  | 6.17  | 5.90  | 8.32  | 9.15  | 4.89  | 2.42  | 9.03  | 5.11  | 7.06  |       |  |
| November  | 8.60  | 4.42  | 2.57  | 1.83  | 7.51  | 6.90  | 2.77  | 9.30  | 7.77  | 6.80  |       |  |
| December  | 4.59  | 7.98  | 3.49  | 9.07  | 5.58  | 6.88  | 4.26  | 6.55  | 6.14  | 7.20  |       |  |
| TOTALS    | 63.86 | 54.96 | 46.72 | 64.08 | 58.38 | 60.84 | 56.09 | 65.61 | 53.91 | 57.60 |       |  |

N.B. 2. is read on 1% of each month.

Surface surrounds gauge from 1/4 sq.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
|       |         |       | Dungiven         | 10m.                | N                    | Bangor         | 6 1/2 m.            | N.W.                 |

RAINFALL at Glendhra (Altgarrahan Mountain) Station No. T.F. 6243 41County of Londonderry Observer Londonderry C.B.C.River Basin Foyls co - 6Type of Gauge M.O.

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

File No. 664891/26

| Diameter  | 5"    |       |         |         | 939     | 028   | X      |        |        |       |       |
|-----------|-------|-------|---------|---------|---------|-------|--------|--------|--------|-------|-------|
| Height    | 1' 0" |       |         |         |         | 1     |        |        |        |       |       |
| Altitude  | 1230' |       |         |         |         | 41    |        |        |        |       |       |
| Year      | 1941  | 1942  | 1943    | 1944    | 1945    | 1946  | 1947   | 1948   | 1949   | 1950  | Means |
| January   | 4.93  | 8.91  | 6.72    | (6.50)  | (5.50)  | 5.76  | 7.21   | (7.06) | (5.90) | 4.40  |       |
| February  | 5.02  | 3.06  | 3.91    | (2.20)  | (5.00)  | 3.51  | (2.30) | (3.67) | 3.50   | 3.71  |       |
| March     | 4.35  | 5.19  | 1.81    | (2.00)  | (2.59)  | 2.04  | (6.40) | (4.90) | 3.31   | 2.82  |       |
| April     | 2.80  | 3.33  | 3.43    | 3.54    | (2.80)  | 1.79  | 5.96   | 3.48   | 4.27   | 5.79  |       |
| May       | 3.06  | 5.48  | 6.23    | 3.40    | 6.50    | 1.98  | 4.35   | 2.76   | 3.12   | 2.72  |       |
| June      | 0.53  | 1.08  | 3.88    | 4.37    | 5.85    | 5.02  | 5.41   | 4.73   | 8.25   | 3.54  |       |
| July      | 6.34  | 6.17  | 1.74    | 5.00    | 6.92    | 5.71  | 7.12   | 4.36   | 8.28   | 8.27  |       |
| August    | 6.00  | 7.85  | 9.25    | 3.33    | 2.15    | 9.08  | .36    | 6.65   | 4.01   | 7.28  |       |
| September | 1.51  | 7.02  | (5.50)  | 7.53    | 4.79    | 8.62  | 3.46   | 5.71   | 3.80   | 8.75  |       |
| October   | 5.48  | 4.48  | (6.70)  | 7.85    | 6.31    | 2.66  | 3.09   | 4.78   | 8.10   | 6.25  |       |
| November  | 9.17  | 1.76  | (5.50)  | (7.50)  | 1.04    | 5.64  | 7.02   | 3.73   | 4.78   | 4.16  |       |
| December  | 4.19  | 7.64  | (4.50)  | 6.44    | 6.80    | 6.13  | 3.25   | (9.54) | (7.15) | 5.40  |       |
| TOTALS    | 53.38 | 61.97 | (59.17) | (59.66) | (56.97) | 57.94 | 56.93  | 61.39  | 52.97  | 63.09 |       |
|           | M     | M     | M       | M       | M       | M     | M      | M      | M      | M     |       |

1943 Sept. - Dec. record by 1944 Jan - Mar. est'd. Nov. amended  
 1944 Jan - Mar. est'd. Nov. amended  
 1945 Jan - Feb. adj. for snow & late reaching. Mar. & Apr. part est. for suspected interference. Aug. agrees  
 Gauge over-exposed on snow  
 1947 Feb & Mar. app. H.S. 3 (6)  
 1949 Jan. part with Dec '48 ; Dec 29 app. with Jan '50

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 |         |       | Dungrovan        |                     |                      | Banagher       |                     |                      |



Station No. T.F 6243

RAINFALL at <sup>S</sup>X<sup>S</sup> ~~Greenedra~~ (Aetagaran mountain)

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County of Londonderry Observer Londonderry C.B.C.

River Basin S - Foyle &amp; C.

Type of Gauge H.O. Briffed.

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

59.01 .. 27 - months 1928-1957 - - 1916-1950 File No. 664891/26

E 83207/55

| Diameter ...  | 5"    |         |        |       |       | 9.39  | 02.8   |        |        |       |       |  |
|---------------|-------|---------|--------|-------|-------|-------|--------|--------|--------|-------|-------|--|
| Height ...    | 1' 0" |         |        |       |       |       | 1      |        | 1' 5"  |       |       |  |
| Altitude ...  | 1230' |         |        |       |       |       | 51     |        |        |       |       |  |
| Year ...      | 1951  | 1952    | 1953   | 1954  | 1955  | 1956  | 1957   | 1958   | 1959   | 1960  | Means |  |
| January ...   | 3.63  | (7.50)  | 1.76   | 4.40  | 5.55  | 4.70  | 6.19   | 5.11   | 3.50   | 6.18  |       |  |
| February ...  | 4.46  | (3.40)  | 2.60   | 5.76  | 4.70  | 2.22  | (6.25) | 6.00   | 1.90   | 6.29  |       |  |
| March ...     | 3.56  | 2.69    | 1.13   | 4.95  | 1.26  | 2.90  | 4.47   | (2.85) | 5.10   | 3.44  |       |  |
| April ...     | 2.62  | 2.17    | 3.12   | 1.50  | 3.31  | 1.86  | 1.69   | 2.57   | 5.63   | 4.66  |       |  |
| May ...       | 3.31  | (1.81)  | 3.64   | 6.31  | 4.50  | 2.06  | 2.34   | 4.29   | 1.36   | 3.28  |       |  |
| June ...      | 3.05  | 3.46    | 4.13   | 4.28  | 6.09  | 4.40  | 1.99   | 7.49   | 3.61   | 3.55  |       |  |
| July ...      | 4.60  | (3.00)  | 6.98   | 4.75  | 1.20  | 6.29  | 8.47   | 8.39   | 4.63   | 8.74  |       |  |
| August ...    | 7.71  | 6.71    | 4.62   | 4.29  | 1.22  | 6.78  | 5.20   | 5.87   | (2.70) | 5.69  |       |  |
| September ... | 4.05  | 3.81    | (4.47) | 8.19  | 5.34  | 6.13  | 7.02   | 7.34   | 1.52   | 3.74  |       |  |
| October ...   | 2.32  | 8.53    | (3.22) | 6.89  | 4.85  | 4.10  | 4.47   | 5.75   | 6.28   | 8.27  |       |  |
| November ...  | 9.74  | 4.75    | (5.75) | 8.18  | 3.98  | 3.89  | 2.19   | 2.30   | 9.14   | 5.84  |       |  |
| December ...  | 6.07  | 5.31    | 3.78   | 6.69  | 6.64  | 6.74  | 7.31   | 7.83   | 9.82   | 5.59  |       |  |
| TOTALS ...    | 55.12 | (63.14) | 45.20  | 66.69 | 48.64 | 52.07 | 56.59  | 65.79  | 55.19  | 65.27 |       |  |
|               | M     | M       | M      | H     | M     | M     | M      | M      | M      | M     |       |  |

1952 Jan Feb Jul amended MOSb.

1953 Sept amended MOSb. Oct. Nov. ~~not~~ amended.

1954. Months and means of 1954.

1955 Feb amended M.O. 3b.

Just. III 1959 B.O.F. Site slightly over-aford 5-W. Turf well in poor condition but gives some protection. Sg. fair. Catch bottled and measured at W.W.

1957 Feb. ed. by 1959 Aug. ent. in MOSb.

20004 10004 00204

6260400164

H Gauge was exposed in 1957.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference IC 711012

| 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 | 1910-19 | 1920-30 | 1931-40 | 1941-50    | 1951-60 |
|----------------|---------|---------|---------|------------|---------|
|                |         | C 1928  | ✓       | ✓ n.p. 43. |         |
|                |         | M.      | M 34-46 | M          |         |