

RAINFALL at Castle Caulfield, Parkavone,

County of Tyrone

Observer Capt. Y. A. Burges, Esq.

River Basin: Bann 2

Rain Gauge, by

| | | | | | | | | | | |
|---------------|------|------|------|------|------|------|------|------|-------|-----------|
| Diameter ... | | | | | | | | | 8" | |
| Height | | | | | | | | | 4" 6" | |
| Altitude ... | | | | | | | | | 250 | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 Mean |
| January ... | | | | | | | | | 2.12 | 3.80 |
| February ... | | | | | | | | | 3.37 | 1.18 |
| March | | | | | | | | | 1.38 | 2.88 |
| April | | | | | | | | | 1.78 | 2.86 |
| May | | | | | | | | | 2.91 | 2.56 |
| June | | | | | | | | | 2.92 | 2.49 |
| July | | | | | | | | | 2.98 | 7.29 |
| August | | | | | | | | | 7.08 | 7.45 |
| September... | | | | | | | | | 1.23 | 2.70 |
| October | | | | | | | | | 6.89 | 6.23 |
| November... | | | | | | | | | 4.56 | 5.88 |
| December ... | | | | | | | | | 2.78 | 7.22 |
| TOTALS... | | | | | | | | | imp | 43.39 |
| | | | | | | | | | | 49.39 |

1928 Record low.

1929. House 33 ft. high 54 ft. N.
 Tree 80 " " 90 " S.E.W.
 " 90ft " " 150 " W.

Position 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 |
|-------|---------|-------|------------------|---------------------|-----------|-----------------|---------------------|-----------|
| 1929. | | | Donaghmore | 2 m. N.E. | | Castlecaulfield | 1 m. N.E. | |

RAINFALL at Castlecaufield (Parkavore)County of TyroneObserver Capt Y.A. BurgessRiver Basin 2-Bann-Lough Neagh West

Type of Gauge

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

7. 887824/28

| Diameter | 8" | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|--------|---------|-------|-------|-------|
| Height | 4' 6" | 0' 6" | | | | | | | | | |
| Altitude | 250' | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 3.83 | 3.66 | 1.88 | 4.21 | 1.91 | 4.04 | 4.63 | (5.20) | 3.97 | 3.01 | |
| February | 3.18 | 1.10 | 2.74 | 2.29 | 3.61 | 1.89 | 4.56 | (1.75) | 2.35 | 3.32 | |
| March | 2.71 | 2.63 | 2.88 | 2.52 | 1.71 | 2.51 | (2.41) | 1.75 | 3.47 | 4.57 | |
| April | 3.83 | 3.40 | 2.40 | 3.11 | 3.13 | .73 | 2.37 | .24 | 2.68 | 4.69 | |
| May | 5.38 | 3.66 | 2.61 | 3.89 | .79 | 1.61 | 1.80 | 3.09 | 1.40 | .70 | |
| June | 6.18 | 1.83 | 2.70 | 2.10 | 4.69 | 3.05 | 2.32 | 4.82 | 2.62 | 1.38 | |
| July | 4.60 | 1.81 | 4.21 | 2.54 | 1.09 | 6.32 | 3.76 | 4.93 | 6.91 | 3.96 | |
| August | 2.36 | 2.54 | 2.67 | 6.42 | 1.92 | 2.16 | 4.58 | 2.21 | 1.76 | .73 | |
| September | 1.72 | 3.77 | 0.49 | 6.85 | 4.82 | 5.50 | 2.60 | 2.47 | 2.29 | 3.41 | |
| October | 2.81 | 3.77 | 3.23 | 6.30 | 4.87 | 3.41 | 1.98 | 7.62 | 3.11 | 4.93 | |
| November | 5.78 | 2.67 | 1.50 | .88 | 5.56 | 4.06 | 1.33 | 6.35 | 5.89 | 3.50 | |
| December | 3.05 | 5.45 | 2.73 | 6.12 | 3.66 | 3.92 | 2.04 | 3.01 | 2.99 | 4.11 | |
| TOTALS | 45.43 | 38.29 | 30.04 | 45.23 | 37.76 | 39.09 | 34.38 | (43.34) | 39.44 | 38.31 | |

1931. House 33 ft. high, 54 ft. N.
Tree 80 " " 90 " E.E.W.
" 90 " " 150 " W.

Gauge lowered 6' 6" above ground Mar 1932

1933 Jan & Feb estimated.

Np. Part estimated + low.

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| | | | Donaghmore | 2m | N.E. | Castlecaufield | 1m N.E. |

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. M. 6250

RAINFALL at Castlcaulfield (Pankavale) ^{Major}

41

County of Tyrone

Observer

Capt. J.A. Burgess

River Basin Bann through Neagh West

Type of Gauge

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

Ref.

File No.

887824/28

| | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter | 8" | | | | 948 | 679 | | | | |
| Height | 0' 6" | | | | | 1 | | | | |
| Altitude | 250' | | | | | 41 | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 |
| | | | | | | | | | | Means |
| January | 1.98 | 5.52 | 4.76 | 4.04 | 2.43 | 4.09 | 1.97 | 5.48 | 3.00 | 1.86 |
| February | 2.99 | 1.60 | 2.20 | .97 | 3.45 | 2.93 | 1.43 | 2.12 | 3.23 | 3.64 |
| March | 3.54 | 3.47 | 1.47 | .52 | 1.36 | 1.32 | 4.38 | 2.88 | 3.19 | 2.14 |
| April | 1.82 | 1.99 | 2.73 | 2.03 | 1.46 | .85 | 3.29 | 2.35 | 2.82 | 5.26 |
| May | 2.58 | 2.33 | 3.70 | 2.21 | 4.21 | .67 | 4.41 | 1.65 | 2.88 | 1.41 |
| June | 0.49 | .15 | 4.17 | 2.80 | 5.13 | 2.76 | 4.40 | 3.50 | 1.89 | 2.66 |
| July | 2.75 | 5.05 | 2.39 | 5.64 | 3.75 | 3.29 | 4.68 | 3.57 | 2.85 | 6.82 |
| August | 4.15 | 5.82 | 6.95 | 3.58 | 1.38 | 4.58 | .77 | 4.59 | 3.39 | 5.79 |
| September | 1.07 | 4.39 | 2.14 | 4.46 | 3.18 | 6.97 | 3.02 | 3.37 | 3.31 | 7.42 |
| October | 4.91 | 3.01 | 2.96 | 4.56 | 3.97 | 1.34 | 2.57 | 2.77 | 4.85 | 4.75 |
| November | 3.64 | .63 | 2.75 | 6.14 | .81 | 5.48 | 4.71 | 3.90 | 3.97 | 3.32 |
| December | 1.43 | 3.98 | 2.02 | 3.62 | 3.64 | 4.74 | 3.06 | 5.68 | 6.42 | 2.35 |
| TOTALS | 31.35 | 37.94 | 38.24 | 39.57 | 34.77 | 39.02 | 38.69 | 41.86 | 40.54 | 47.42 |
| | D | D | D | D | D | D | D | D | D | D |

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

Reference No.....

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

RAINFALL at Castlecaulfield (Parkavone)

51

County of Tyrone

Observer

Station No.

River Basin. 2. Barn-Lough Neagh West

Major J. A. Burgess

Rev. T. G. Easton, O.S.E. M.A.,

Type of Gauge. R. B.A.

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

File No. 887824/28

| Diameter | 8" | | | 948 | 679 | 5" | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 0' 6" | | | | 1 | 1' 0 | | | | | |
| Altitude | 250' | | | | 51 | 250' | | | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 2.74 | 4.12 | 1.28 | 3.07 | 4.02 | 2.80 | 4.29 | 3.66 | 2.16 | 4.05 | |
| February | 2.04 | 0.69 | .67 | 3.52 | 3.40 | 1.06 | 2.41 | 4.50 | 1.09 | 2.85 | |
| March | 3.27 | 2.07 | .62 | 2.84 | .93 | 2.27 | 3.45 | 2.16 | 3.37 | 2.86 | |
| April | 1.87 | 1.30 | 1.29 | .53 | 3.71 | 1.42 | 1.64 | 1.57 | 4.13 | 2.15 | |
| May | 2.02 | 1.16 | 2.78 | 3.77 | 3.35 | .22 | 1.68 | 2.71 | 1.39 | 2.98 | |
| June | 2.82 | 2.95 | 1.25 | 2.99 | 6.29 | 2.71 | 2.30 | 6.49 | 3.00 | 3.26 | |
| July | 3.42 | 1.34 | 5.60 | 4.59 | 1.08 | 4.45 | 3.76 | 5.12 | 3.65 | 5.15 | |
| August | 3.48 | 4.47 | 3.13 | 2.59 | .99 | 6.78 | 4.93 | 4.31 | .93 | 5.46 | |
| September | 3.72 | 1.44 | 3.06 | 4.74 | 3.78 | 3.53 | 4.49 | 4.78 | 1.46 | 3.39 | |
| October | 1.28 | 6.01 | 1.88 | 5.73 | 2.82 | 2.88 | 3.82 | 3.38 | 5.32 | 4.41 | |
| November | 6.61 | 2.65 | 3.01 | 4.35 | 2.21 | 2.71 | 1.22 | 2.34 | 5.13 | 4.12 | |
| December | 4.85 | 3.82 | 3.65 | 5.05 | 3.80 | 5.01 | 4.84 | 5.86 | 5.82 | 3.70 | |
| TOTALS | 40.12 | 31.02 | 28.22 | 42.77 | 36.38 | 35.44 | 38.83 | 46.88 | 37.45 | 44.38 | |
| | D | D | D | D | D | D | D | D | D | D | |

1956. Gauge moved &g. belonging to N.I. Min. of Finance installed, no change of site. Monthly cards are read from m. delay, but Major Burgess still has authority.

Just. I 1958 B.O.K. Trees 75° 80'SSE ± 60° 100'E. House 45° 70' NW. otherwise remote enough unverified measure. No alternative sites because of trees.

1959 19.1.59 Estate sold to N.I. Council for Orthopaedic Development (See T.G. Easton)

C 513

Rejected

An. Av. 38.46 based on 23 yrs. obs. within 1929-57. 2" low. Period of Av. 1916-50.s. —

Correspondence in 1960 reveals that this is a recorder (drum) gauge - bucket pivot, recording 1/100th of a clock. Moved to stn. 5661 in 1956.

Position of Station on Ordnance One-Inch map : No. of Map 312 National Grid Reference H(23) 733614+

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

Summary of Earlier Records from 10-year Sheets :

000699

| Record D, or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|--|---------|------------|-----------------------------|---------|---------|
| | | | C 513 1928 | ✓ n.p. 38 D 31-37. 39.46 | ✓ ✓ | |