

RAINFALL at Ancrum, Monteviot.County of Roxburgh.Observer Bertram Talbot Esq.River Basin Sweed-Tenot &c. 3.

Rain Gauge, by _____

| | | | | | | | | | | | | |
|--------------|------|------|------|------|--------|------|-------|-------|-------|-------|--------|---------------------------|
| Diameter ... | | | | | 5 | | | | | | | |
| Height | | | | | 3 0 | | | 4 0 | 3 0 | 2 6 | | |
| Altitude ... | | | | | 300 | | | | 250 | 200 | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | | | | | # 1.82 | | 2.71 | 3.24 | 3.03 | 2.68 | | Totals. 15.19 11.66 |
| February ... | | | | | 1.94 | | 4.27 | .88 | 2.51 | 1.69 | | 9.35 |
| March | | | | | 2.73 | | 4.09 | .94 | .54 | 1.93 | | 7.50 |
| April | | | | | .82 | | 2.08 | 2.74 | .86 | 1.80 | | 7.48 |
| May | | | | | 1.56 | | 3.73 | 2.18 | 1.80 | 1.02 | | 8.73 |
| June | | | | | 2.29 | | 2.06 | 2.35 | .44 | .90 | | 5.75 |
| July | | | | | 2.00 | | 4.25 | 1.75 | 4.10 | .99 | | 11.09 |
| August | | | | | 1.73 | | 4.66 | 8.49 | 1.64 | 2.25 | | 17.04 |
| September .. | | | | | .91 | | 2.31 | 1.59 | 5.77 | 1.50 | | 11.17 |
| October ... | | | | | 1.11 | | 3.69 | 3.33 | 3.44 | 3.46 | | 13.92 |
| November .. | | | | | 3.23 | | 3.67 | 2.01 | 1.31 | 4.35 | | 11.34 |
| December... | | | | | 4.83 | | 2.69 | 1.73 | 1.64 | 3.92 | | 9.98 |
| TOTALS ... | | | | | 24.97 | N.R. | 40.21 | 31.23 | 27.08 | 26.49 | | 125.01 42.16 |

D

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|--------------|------------|---------|-----------|------------|
| | | | Noble Leffort | 2.9 m 1 m | E SE. | Ancrum | 2 m | NW |

RAINFALL at Ancrum (Glentworth)County of DoncasterObserver Bertam Talbot Esq.River Basin 3 miles, Tivoli &c.(1927) Summerson Rain Gauge, by _____

| Diameter ... | 5" | | | | | 5 | | | | | | |
|---------------|-------|-------|-------|-------|---------|-------|-------|-------|-------|-------|-----------------|-----------------|
| Height | 2'6" | | | | | 2'6" | | | 1'0" | | | |
| Altitude ... | 200 | | | | | 250 | | | 210 | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930. MEANS. | |
| January ... | 2.23 | 5.03 | 1.68 | 1.88 | 1.41 | 1.63 | 2.51 | 2.17 | 3.92 | .89 | 2.40 | Totals 26.35 |
| February ... | 2.18 | .43 | 2.26 | 2.62 | .91 | 4.56 | 2.42 | .99 | 2.14 | 1.17 | .67 | 20.35 |
| March | 3.07 | 1.90 | 1.97 | 1.04 | 1.09 | 2.61 | .93 | 2.16 | 3.79 | .15 | 2.02 | 20.73 |
| April | 2.11 | .80 | 2.88 | 2.04 | 1.09 | 2.53 | 2.22 | 1.94 | .93 | 1.41 | 1.51 | 19.46 |
| May | 2.89 | 1.78 | .61 | 2.34 | 3.51 | 4.90 | 2.63 | 1.95 | 1.82 | 1.22 | .94 | 24.59 |
| June | 1.13 | .86 | 1.45 | 1.07 | 1.86 | .35 | 3.37 | 3.17 | 4.87 | 1.49 | 1.53 | 21.15 |
| July | 3.56 | 2.41 | 3.95 | 2.18 | 3.58 | 1.57 | 2.63 | 2.37 | 1.55 | 2.44 | 4.92 | 32.16 |
| August | 4.04 | 5.81 | 2.15 | 4.89 | 2.95 | 3.87 | 3.99 | 6.18 | 3.97 | 4.48 | 4.32 | 46.65 |
| September... | 1.67 | 1.93 | 2.38 | 1.93 | 2.95 | 4.83 | 4.19 | 5.18 | 1.41 | .80 | 2.24 | 29.06 |
| October | 1.57 | 2.74 | 2.72 | 2.74 | 2.87 | 2.08 | 3.88 | 2.39 | 4.07 | 2.81 | 3.27 | 31.19 |
| November... | 1.64 | 1.86 | .68 | 3.42 | 1.08 | 1.57 | 2.82 | 2.54 | 2.78 | 2.65 | 3.07 | 23.81 |
| December... | 2.55 | 2.54 | 2.23 | 2.01 | (3.28) | 2.80 | .67 | 1.98 | 1.58 | 4.16 | 2.22 | 26.02 |
| TOTALS... | 29.24 | 27.89 | 24.96 | 23.16 | (26.38) | 33.30 | 32.26 | 33.02 | 32.83 | 24.17 | 29.11 | 321.52 |
| | D | D | D | D | D | D | D | D | D | D | D | 26 |

1924. Dec. 29th corrected.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 |
|-------|---------|-------|---------------------------------|-----------------------------|-------------------------|----------------|---------------------|----------------------|
| | | | <u>Wibbel</u> <u>Tadfoot</u> | <u>2 m.</u> <u>1 mi.</u> | <u>E.</u> <u>SE.</u> | <u>Ancrum</u> | <u>2 m.</u> | <u>N.W.</u> |

RAINFALL at Ancrum (Monteviot)

County of Forburgh. Observer Bertram Talbot.
River Basin 3. Tweed. Leviot & c. Re. Head Gardener
Type of Gauge.....

Annual Average 22.8 in. based on 12 years obs. un-weighted. Period of average..... 1881-1912 Ref. 5

| | | | | | | | | | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|----------------|-------|-------|-------|-------|-------------|
| Diameter | 5" | | | | | | | | | | | |
| Height | 1' 0" | | | | | | | | | | | |
| Altitude | 210' | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | |
| January | 1.59 | 2.30 | 1.61 | 1.62 | 1.48 | 3.27 | 2.26 | 2.53 | 4.06 | .25 | | Total 20.97 |
| February | 1.67 | .29 | 2.07 | .06 | 1.46 | 3.47 | 2.71 | .99 | 1.81 | 1.51 | | 16.04 |
| March | 1.14 | 2.89 | .52 | 3.35 | .84 | 2.02 | 1.93 | 1.00 | 2.82 | 3.78 | | 20.29 |
| April | 2.48 | 2.12 | .95 | 3.94 | 2.74 | 1.74 | 1.27 | .29 | 1.18 | 1.66 | | 18.37 |
| May | 2.26 | 2.00 | 1.81 | 1.69 | .99 | .94 | 4.06 | 2.70 | 1.35 | 2.49 | | 20.29 |
| June | 5.61 | 1.20 | 1.53 | 2.32 | 4.67 | 2.13 | 1.35 | 3.14 | 2.10 | 1.11 | | 25.16 |
| July | 2.80 | 2.27 | 4.45 | 1.97 | 1.42 | 3.68 | 3.15 | 3.15 | 2.65 | 7.26 | | 32.80 |
| August | 3.88 | 1.31 | 1.46 | 2.77 | 3.27 | 1.31 | 2.78 | 1.87 | 1.80 | .77 | | 21.12 |
| September | 1.56 | 3.79 | 1.13 | 2.44 | 2.56 | 3.43 | 1.52 | 1.73 | 1.42 | 3.16 | | 22.74 |
| October | 1.77 | 4.77 | 2.50 | 4.41 | 4.61 | 1.82 | 2.19 | 3.74 | 2.76 | 2.63 | | 31.76 |
| November | 3.44 | .82 | 1.82 | 2.09 | 3.46 | 3.24 | .61 | 4.67 | 2.92 | 2.67 | | 25.76 |
| December | .75 | 2.02 | .67 | 2.94 | 1.08 | 2.61 | 2.69 | 2.69 | .68 | 1.80 | | 18.4 |
| TOTALS | 28.95 | 25.78 | 20.52 | 29.60 | 28.58 | 29.66 | 27.42 25.92 | 28.50 | 25.55 | 28.09 | | 273.0 |

1931. Leviot - not near - 50 yds.
Terminated 1935 on death of observer.
18.549 Back years 1936-41 recd. from M.O. Edit. B. H. Russell.
part M.O. 1916-30 av.

| | | | | | | | |
|--|---------|-------|------------------|---------------------|-----------|-------------------|---------------------|
| 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 | Parish Church. | Distance from gauge |
| 1931. | | | Sedfoot | 1/2m | S.E. | Ancrum | 2m. N.W. |

Station No. 5050RAINFALL at Ancrum (Montenist)

41

County of RoxburghObserver Hebert GardinerRiver Basin 3. Tweed, Tenter & CCapt. J. S. Aikman, M.C. (43)Type of Gauge CumulativeDon Simpson Esq. 1909Annual Average 29.8 in. based on 13 years obs. unweighted. Period of average 1881-1915 Ref. S

File No.

| Diameter | 5 | | | | 916 | 030 | | | | | | |
|-----------|-------------|---------|-------|--------|-------|-------|--------|-------|-------|-------|-------|--------|
| Height | 10 | | | | | 1 | | | | | | |
| Altitude | 210 | | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | Totals |
| January | 1.74 | 2.52 | 2.39 | 1.27 | 3.92 | 1.56 | 1.96 | 5.33 | 1.70 | 1.73 | | 24.12 |
| February | 3.21 | (1.50) | 1.04 | (1.26) | 2.30 | .70 | 1.24 | 1.31 | .98 | 3.12 | | 17.16 |
| March | 2.50 | 1.22 | 1.55 | .41 | .67 | 1.45 | (3.04) | .94 | .53 | 1.26 | | 13.57 |
| April | 1.08 | .78 | 1.52 | (1.11) | 1.05 | .46 | 2.58 | 1.80 | 1.43 | 1.58 | | 13.89 |
| May | 1.71 | (1.50) | 3.51 | (2.81) | 3.99 | 1.97 | 3.04 | 1.40 | 1.27 | 1.63 | | 22.53 |
| June | 1.09 | 1.16 | 3.60 | 2.22 | 2.76 | 2.39 | 2.30 | 3.87 | .79 | 1.08 | | 21.26 |
| July | 2.01 | 2.88 | 2.71 | (2.34) | 1.41 | 3.10 | 3.30 | 1.43 | 2.04 | 3.42 | | 24.64 |
| August | 4.35 | 1.20 | 4.06 | 1.67 | 1.51 | 4.98 | .73 | 8.44 | 2.55 | 2.53 | | 32.02 |
| September | 0.72 | 2.40 | 1.89 | 5.85 | 1.94 | 2.84 | 1.21 | 2.40 | 1.25 | 3.68 | | 24.18 |
| October | 2.82 | 1.75 | 2.46 | 1.39 | 3.14 | .81 | .53 | 2.51 | 4.40 | 1.37 | | 21.78 |
| November | 2.61 | .60 | 1.36 | 5.29 | .51 | 3.90 | 3.06 | 1.97 | 2.88 | 4.09 | | 26.27 |
| December | 0.75 | (1.60) | .70 | 2.78 | 1.45 | 1.72 | (1.39) | 2.85 | 2.61 | 1.40 | | 17.25 |
| TOTALS | 24.59 | (19.11) | 26.49 | 26.70 | 24.65 | 25.88 | 24.38 | 34.25 | 22.43 | 27.87 | | 258.67 |
| | 1931-22.014 | | | 27404 | | | | | | 2687 | | 211 |

18.5.43 Bank Years 1941 recd from H.O. Edin. Feb sent for sums. Dec 1942 sent. S. Ramsell.

1943. Greenhouses. 12 Ft 1/2yd's NE.

1944 n.p. low Jan. Aug.

1947. Mar = Dec adj ref. Tedburgh

↑
Pentagon 1946-50 sumsPosition 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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| | | | Nisbit | 2 m. | E. | Ancrum | 1 1/2 m. | N. |

BRITISH RAINFALL ORGANIZATION

Station No. 5050

RAINFALL at Ancrum (monterist)

51

County of Roxburgh

Observer Mr. G. S. Aikman

River Basin 3-Jweed-Terist & C

Type of Gauge Snowden

Annual Average 29.8 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. S
" 27.68 " 41 " within 1916-58. " 1916-50 " S
File No.

| Diameter ... | 5" | | | | 916 | 030 | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height ... | 1' 0" | | | | | 1 | | | | | |
| Altitude ... | 210' | | | | | 51 | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 2.85 | 2.05 | 0.80 | 2.64 | 2.07 | 2.05 | 4.52 | 2.00 | 1.72 | 3.52 | |
| February ... | 2.34 | .56 | .93 | 1.40 | 2.42 | 2.54 | 1.78 | 2.14 | .57 | 2.45 | |
| March ... | 2.15 | .87 | .35 | 1.61 | 1.40 | .96 | .55 | 1.27 | .86 | 1.82 | |
| April ... | 2.10 | 1.59 | 2.86 | .77 | .57 | .92 | .28 | 2.36 | 2.01 | 1.13 | |
| May ... | 2.41 | 1.44 | 1.80 | 4.81 | 2.17 | .64 | 1.53 | 2.33 | .42 | 1.12 | |
| June ... | 1.20 | 2.22 | 1.52 | 2.05 | .81 | 2.35 | 1.19 | 3.27 | 2.35 | .76 | |
| July ... | 2.66 | 1.18 | 3.93 | 2.73 | 2.18 | 3.75 | 2.62 | 6.18 | 1.67 | 2.72 | |
| August ... | 2.80 | 2.44 | 2.38 | 5.67 | .81 | 7.93 | 3.00 | 1.62 | .41 | 4.34 | |
| September ... | 1.56 | 1.65 | 3.06 | 2.18 | 1.88 | 2.18 | 2.25 | 2.78 | 1.04 | 1.02 | |
| October ... | 0.39 | 2.19 | 1.41 | 4.42 | 1.75 | 1.47 | 2.28 | 1.67 | 1.77 | 2.98 | |
| November ... | 4.59 | 3.60 | 2.63 | 3.18 | 1.10 | .73 | .78 | .87 | 4.42 | 2.50 | |
| December ... | 2.27 | 3.63 | 1.75 | 2.72 | 3.45 | 3.42 | 2.03 | 3.43 | 3.12 | 2.46 | |
| TOTALS ... | 27.32 | 23.42 | 23.42 | 34.12 | 20.61 | 28.74 | 25.81 | 29.42 | 10.30 | 26.82 | |
| | d | d | d | d | d | | | d | D | D | |

1951 greenhouse 12' high at 4' N.E.

184

121

91.7 78.6 78.6 114.5 69.2 97.1 79.9

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NT(36)642250

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|-------------------------------|----------------|--------------------------------|
| 1954 | | | Nisbett | 2 mi. E. | Ancrum | 1 1/2 mi. W |

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 |
|----------------|---------|---------|---------|---------|---------|
| C 1914 na 1915 | ✓ | ✓ | ✓ | ✓ | ✓ |
| ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |