

RAINFALL at West Linton Dalziel House

County of Peebles Observer Dr. J. R. Jeffrey.

River Basin Tweed upper left bank trib2.

Rain Gauge, by Howard Wilson
Sandringham.

| Diameter ... | | | | | | 5 | | | | |
|--------------|------|------|------|------|-------|-------|-------|-------|-------|--------|
| Height | | | | | | 1 0 | | | | |
| Altitude ... | | | | 770 | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | MEANS. |
| January ... | | | | | 3.45 | 2.91 | 5.10 | 2.63 | 2.62 | 4.11 |
| February ... | | | | | 3.17 | 3.32 | 6.57 | .80 | 4.48 | 1.34 |
| March | | | | | 4.03 | 3.03 | 3.21 | 2.25 | 1.00 | 2.63 |
| April | | | | | 2.07 | 2.31 | 4.10 | 2.70 | .65 | 4.34 |
| May | | | | | 2.85 | 1.17 | 5.08 | 1.53 | 2.26 | .75 |
| June..... | | | | | 1.62 | 1.57 | 2.91 | 2.34 | 1.12 | 2.71 |
| July | | | | | 2.29 | 6.47 | 4.71 | 1.74 | 2.76 | 1.25 |
| August..... | | | | | 2.53 | 2.83 | 3.33 | 5.99 | 2.61 | 2.43 |
| September .. | | | | | 1.24 | 2.26 | 2.61 | 3.23 | 5.27 | 2.90 |
| October ... | | | | | 1.76 | 2.13 | 6.64 | 4.53 | 4.84 | 2.72 |
| November.. | | | | | 3.97 | 1.97 | 4.66 | 4.85 | 2.94 | 5.11 |
| December... | | | | | 4.39 | 4.45 | 4.86 | 2.09 | 3.64 | 5.79 |
| TOTALS ... | | | | | 33.37 | 34.42 | 53.58 | 34.68 | 34.19 | 37.08 |

1914 Wall 3 ft. high 20 ft. W
30 ft.

D D

159.53

4066

| Date. | Lat. N. | Long. W. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|----------|------------------|------------|------------|-------------|--------------------|------------|
| 1914 | 55.45 | 3.21 | Broomlee | 1 m. 34 | S SE | West Linton | 250 yds 100 yds | W. |
| 1919. | | | | | | | | |

RAINFALL at *Wat Lintu* (*Dalyell House*) (Carleton) Nov 1930

County of Peebles Observer D. J. A. Jeffreys.

River Basin 2 Tweed, L. bank. W. Mackie Sq. (1921)

Rain Gauge, by Howard & Wilson - 1930 :- Dr. R. F. Graham-Yooll
Castrol.

1232 *Scutellaria* L. 55.

Site inspected by Mr. Glanspach

16:9:29

1924. Cow Hills 40 ft. high twin SW.
House. 30 ft. > bld. E.

1921. Feb. 9. moved to Taipei.

1930. Position changed in Nov. 1930 to West Linton (Cairnton). New height 780'. 200 yards from Taisri and a much better exposure.

| Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series | | | No. of Map | Reference No. | | | | |
|--|---------|--------------------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| Date. | Lat. N. | Long. ^E | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
| 1914 | 55° 45' | 3° 21' | Broomlee | 1 m. | W. | West Linton | 250 yds. | W. |

RAINFALL at West Linton (Cairnton)

M.W.R.

County of PebblesObserver Dr R. Graham YuleRiver Basin 2-Teed upper-left BrookType of Gauge Standard

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

| Diameter | 6' | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1' 0" | | | | | | | | | | | |
| Altitude | 770' | 820' | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | Total |
| January | 2.78 | 6.23 | 4.10 | 4.26 | 2.64 | 4.46 | 5.05 | 6.56 | 5.75 | 1.64 | | 52.4 |
| February | 3.80 | 2.25 | 3.31 | 3.7 | 4.60 | 3.23 | 4.93 | 1.53 | 3.45 | 1.21 | | 36.5 |
| March | 1.16 | 3.20 | 1.25 | 3.82 | 1.56 | 3.06 | 2.44 | 2.20 | 4.28 | 3.95 | | 26.9 |
| April | 2.71 | 3.89 | 2.55 | 4.53 | 3.44 | 1.64 | 1.40 | .53 | 1.95 | 2.96 | | 25.6 |
| May | 3.64 | 3.61 | 1.92 | 2.82 | .99 | 1.67 | 2.42 | 4.43 | .79 | 4.04 | | 35.3 |
| June | 5.94 | 1.20 | 2.12 | 2.38 | 3.12 | 1.67 | 2.22 | 4.99 | 1.99 | 1.05 | | 26.6 |
| July | 4.22 | 2.90 | 4.49 | 3.38 | 1.86 | 6.78 | 4.48 | 3.58 | 3.24 | 5.52 | | 50.4 |
| August | 4.28 | 1.17 | 2.17 | 8.67 | 1.86 | 2.43 | 1.52 | 2.17 | 1.52 | 1.82 | | 25.0 |
| September | 1.34 | 4.10 | 1.67 | 2.75 | 4.93 | 3.14 | 2.43 | 2.91 | 2.12 | 4.38 | | 21.7 |
| October | 2.82 | 6.31 | 3.12 | 6.50 | 8.25 | 4.29 | 3.92 | 8.01 | 2.98 | 3.24 | | 49.6 |
| November | 4.44 | 2.97 | 1.62 | 2.66 | 5.12 | 4.04 | .70 | 6.69 | 6.60 | 4.42 | | 39.2 |
| December | 2.87 | 6.50 | .99 | 4.12 | 1.60 | 3.38 | 5.06 | 3.24 | 1.59 | 4.01 | | 33.3 |
| TOTALS | 40.00 | 42.33 | 29.31 | 41.28 | 39.87 | 38.99 | 39.57 | 45.84 | 36.26 | 38.24 | | 371.8 |

N.B. Formerly called Tairie

1933. Garden open space adjacent W. Hedge 8' high 14° N.

Hedge 5' high 16° E. Garden S. Open space adjacent S.

1934 Hedge 5' high 16° N; hedge 4' high 31° E.

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 | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| | | | Broomlee | 1/2 m | S.S.W. | West Linton | 1/2 m | S.S.W. |

Station No. M.W.R. 5078

RAINFALL at West Linton (Cairnton)

County of Peebles.

Observer Dr. R. Graham Yould

River Basin Tweed, Upper-left Bank.

A.F. Carter John Esq.

Type of Gauge Standard.

Annual Average 32.5 in. based on 11 years obs. un-weighted. Period of average 1881-1915. Ref. S.

as now apply. MR 3152

File No.

| Diameter | 5° | | | 906 | 478 | | | | | | |
|-----------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------|
| Height | 1' 0" | | | | 1 | | | | | | |
| Altitude | 820 | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 1.39 | 5.67 | 5.41 | 3.93 | 4.49 | 3.03 | 3.76 | 7.32 | 3.88 | 2.48 | Total 1st 39.35 |
| February | 3.22 | (1.54) | 3.13 | 1.93 | 4.30 | 2.85 | 1.97 | 3.15 | 2.99 | 4.06 | 2.914 |
| March | 2.77 | 2.28 | 1.77 | 0.67 | 2.37 | 2.37 | 4.34 | 2.06 | 1.71 | 3.19 | 23.53 |
| April | 1.66 | 1.68 | 1.95 | 1.78 | 1.61 | .95 | 5.16 | 3.46 | 2.90 | 4.07 | 25.12 |
| May | 3.83 | 2.42 | 4.32 | 3.29 | 4.17 | 1.31 | 3.05 | 2.00 | 2.14 | 1.90 | 28.43 |
| June | 0.94 | 1.08 | 3.23 | 3.38 | 2.96 | 2.54 | 3.44 | 4.90 | 1.41 | 2.86 | 26.74 |
| July | 2.81 | 2.81 | 2.77 | 2.33 | 3.07 | 4.13 | 2.43 | 3.14 | 2.20 | 4.14 | 27.83 |
| August | 4.01 | 3.63 | 4.04 | 3.36 | 4.09 | 3.67 | .14 | 8.36 | 2.53 | 3.29 | 37.07 |
| September | 1.13 | 3.69 | 1.48 | 4.88 | 4.93 | 4.78 | 2.24 | 4.22 | 2.08 | 8.06 | 37.69 |
| October | 3.53 | 5.07 | 5.53 | 3.24 | 4.44 | .65 | 1.47 | 3.44 | 5.40 | 3.04 | 35.81 |
| November | 2.54 | 90 | 1.83 | 8.05 | .71 | 4.28 | 4.81 | 2.48 | 5.01 | 4.77 | 35.38 |
| December | 2.08 | 2.77 | 2.11 | 4.56 | 2.49 | 3.35 | 2.66 | 4.63 | 6.98 | 1.77 | 33.31 |
| TOTALS | 29.97 | 33.24 | 35.87 | 41.40 | 39.63 | 33.91 | 35.45 | 44.16 | 39.03 | 43.63 | 381.49 |

42 Feb cont'd. for now.

1943 Dr. Graham Yould and J. Johnson. Equipment transferred to AE Carter John

20004

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| | | | | | | | |

BRITISH RAINFALL ORGANIZATION

RAINFALL at

West Burton

Station No.

5078

(Burton Green)

M.W.R.

(Central School)

2115000

51

County of Peebles

Observer

John Blacklaw, Esq.

River Basin Tweed Upper Left Bank

Type of Gauge. Standard

Annual Average 30.6 in. based on 11 years obs. un-weighted. Period of average 1891-1915 Ref. S

39.4 gauge moved, average does not apply

File No.

| Diameter ... | 5" | | | | 5" | 906 | 478 | | | | |
|--------------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|
| Height ... | 1' 0" | | | | 1' 0" | | | | | | |
| Altitude ... | 820' | 850' | | 880' | | 800' | | | | 51 | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 3.38 | 4.23 | 1.38 | 4.01 | 2.21 | 2.59 | 4.32 | 2.71 | 1.16 | 3.73 | |
| February | 2.95 | 1.16 | 1.28 | 2.40 | 2.03 | 2.00 | 3.31 | 2.79 | 1.04 | 2.83 | |
| March | 3.49 | 1.38 | 0.83 | 2.19 | 1.81 | 2.20 | 2.94 | 1.54 | 1.07 | 1.89 | |
| April | 3.58 | 1.59 | 2.98 | 1.46 | 1.56 | 1.08 | 1.68 | 1.81 | 2.44 | 1.88 | |
| May | 3.01 | 1.40 | 2.39 | 5.46 | 3.17 | 1.47 | 1.84 | 2.58 | 1.78 | 1.21 | |
| June | 1.95 | 2.69 | 1.62 | 3.44 | 1.71 | 2.67 | 2.25 | 2.41 | 2.14 | 1.33 | |
| July | 3.20 | 2.79 | 4.39 | 3.86 | 2.15 | 4.97 | 3.80 | 6.45 | 3.39 | 2.74 | |
| August | 4.89 | 4.60 | 2.17 | 5.67 | 1.93 | 6.77 | 4.67 | 3.69 | .54 | 4.00 | |
| September | 1.76 | 2.77 | 2.85 | 4.86 | 2.72 | 3.39 | 2.43 | 3.75 | .87 | 1.81 | |
| October | 2.65 | 2.83 | 1.69 | 7.04 | (2.75) | 2.72 | 3.20 | 2.15 | 3.66 | 2.98 | |
| November | 6.37 | 3.23 | 6.26 | 4.63 | (1.45) | 1.32 | 1.93 | 1.22 | 5.89 | 3.65 | |
| December | 3.65 | 4.46 | 3.96 | 5.89 | 6.15 | 4.70 | 4.75 | 5.30 | 3.70 | 4.92 | |
| TOTALS ... | 38.58 | 33.13 | 31.80 | 50.91 | 29.63 | 35.88 | 37.12 | 36.46 | 27.71 | 32.97 | |
| | D | D | D | D | (D) | D | D | D | D | D | |

1951 2' graham 4' old steel in frame. Equipment transferred to A.E.Collingham

1954 21/8 3' 6" changed.

1955 20/11 3' 6" changed. 58° 45' N 2° 21' W

Infr. AB Thomson. 22.6.56 hole 30' high 59' to N. otherwise satisfactory

00064

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 36/150/520

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance 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 |
|-------------------|--|-------------|---------|---------|-----------------|---------|
| | | c 1914 ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ but 2.43 | |