

RAINFALL at Lunesdale (Dove Crag)

County of Yorks. N.R. Observer G. A. Collinson C.E.

River Basin Tees 6. Tees Valley Water Bd.

Rain Gauge, by _____

| Diameter ... | | | | | 5 | | | | | |
|--------------|------|------|------|------|-------|--------|-------|-------|-------|-------|
| Height | | | | | 10 | | | | | |
| Altitude ... | | | | | 1720 | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 |
| January ... | | | | | 4.60 | 6.10 | 7.50 | 7.10 | 10.50 | 2.20 |
| February ... | | | | | 1.90 | 1.40 | 5.00 | 2.40 | 7.40 | 1.50 |
| March | | | | | 2.10 | 8.60 | 13.60 | 4.90 | 5.50 | 4.00 |
| April..... | | | | | 2.60 | (5.00) | 2.60 | 5.00 | 1.50 | 3.30 |
| May | | | | | 5.80 | 5.30 | 4.20 | 3.20 | 2.00 | 3.00 |
| June | | | | | 6.10 | 2.20 | 3.10 | 5.10 | 8.80 | 3.10 |
| July | | | | | 6.40 | 2.30 | 7.10 | 6.60 | 6.20 | 6.00 |
| August | | | | | 5.60 | 5.50 | 5.90 | 10.50 | 10.10 | 6.90 |
| September... | | | | | 6.30 | 5.20 | 7.50 | 8.50 | 2.80 | 5.00 |
| October..... | | | | | 6.90 | 6.10 | 5.20 | 6.20 | 7.00 | 7.40 |
| November... | | | | | 3.60 | 2.50 | 7.10 | 7.10 | 8.90 | 8.00 |
| December... | | | | | 7.60 | 8.80 | 3.20 | 1.90 | 3.50 | 8.40 |
| TOTALS... | | | | | 59.50 | 61.50 | 63.30 | 69.10 | 72.20 | 55.70 |
| | | | | | M | M | M | M | M | M |
| | | | | | | | | | | |

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____

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

RAINFALL at Lunedale (Dow Crag)

County of North Riding
River Basin Tees - b.

Observer G.R. Collinson, Esq., C.E.

B.S.D.

T.S.R. Wink, Esq. CL. (1941)

Type of Gauge

Annual Average 56.2 in. based on 2 years obs. un-weighted. Period of average 1881-1915. Ref. S.
670379/26

| Diameter | 5. | | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|---------|--------|-------|--|
| Height | 1.0. | | | | | | | | | | | | |
| Altitude | 1720. | | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Mean | Total | |
| January | 5.60 | 9.70 | 4.10 | 7.30 | 3.70 | 6.10 | 6.70 | 6.40 | 9.10 | (3.00) | 61.70 | | |
| February | 8.40 | .80 | 7.30 | 2.0 | 11.20 | 4.00 | (5.80) | 3.30 | 5.70 | (3.40) | 50.10 | | |
| March | 2.10 | 6.10 | 3.30 | 5.70 | 3.20 | 3.25 | (3.40) | 6.40 | 5.30 | 7.10 | 44.85 | | |
| April | 4.30 | 5.60 | 3.70 | 3.90 | 4.60 | 1.70 | 6.00 | 1.30 | 3.20 | 2.80 | 37.00 | | |
| May | 4.70 | 3.80 | 3.10 | 3.90 | .90 | 2.20 | 4.60 | 3.40 | 1.10 | 2.70 | 30.40 | | |
| June | 8.10 | 2.00 | 3.60 | 2.80 | 5.40 | 5.10 | 4.20 | 5.50 | 4.60 | 1.50 | 42.80 | | |
| July | 9.00 | 7.30 | 6.10 | 3.80 | 2.00 | 5.60 | 4.20 | 6.50 | 9.50 | 6.90 | 60.90 | | |
| August | 5.10 | 1.70 | 3.10 | 5.90 | 1.80 | 4.60 | 2.10 | 4.30 | 3.50 | 5.00 | 37.10 | | |
| September | 2.40 | 8.20 | 3.20 | 4.60 | 8.50 | 9.10 | 4.50 | 3.10 | 1.50 | 6.20 | 51.30 | | |
| October | 4.70 | 9.40 | 7.70 | 12.20 | 11.10 | 6.20 | 2.80 | 11.70 | 5.70 | 5.50 | 71.00 | | |
| November | 8.20 | 4.70 | 3.90 | 3.40 | 5.50 | 6.40 | 1.90 | 7.10 | 6.50 | 6.40 | 54.00 | | |
| December | 4.50 | 6.70 | 1.60 | 6.70 | 3.90 | 7.90 | 3.00 | 6.90 | 2.50 | 7.70 | 51.40 | | |
| TOTALS | 67.10 | 64.90 | 50.70 | 60.40 | 61.80 | 62.15 | 49.20 | 65.90 | 58.20 | (58.20) | 598.55 | | |

1937. Feb + Mar estimated

1940. Jan + Feb adjusted by ref. to nearby stns.

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

Station No. T.F. 3495

41

RAINFALL at Lumsdale (Dams Cray) Jr.

County of North Riding Observer T.S.R. Winter Esq. SE.

River Basin Tees - 6

Type of Gauge.

Annual Average 5.6 in. based on 3 years obs. un-weighted. Period of average 1881-1915 Ref. S.P.B. 467
57.6 17 E 10079/47

File No. 226951/33 670379/26

| | | | | | | | | | | | |
|-----------|---------|---------|-------|-------|-------|-------|--------|---------|-------|-------|--------|
| Diameter | 5" | 027 | 417 | | | | | | | | |
| Height | 1' 0" | | 1 | | | | | | | 1' 1" | |
| Altitude | 1720 | | 41 | X | | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | (4.00) | (4.70) | 6.40 | 9.00 | 8.00 | 6.70 | (5.50) | (10.00) | 4.20 | 4.30 | 61.80 |
| February | (5.80) | (2.70) | 4.60 | 9.60 | 7.00 | 5.80 | (4.00) | 4.60 | 6.20 | 7.80 | 52.10 |
| March | (5.50) | (3.70) | 2.80 | 1.50 | 3.00 | 3.30 | (7.30) | 3.50 | 2.80 | 3.20 | 36.70 |
| April | 4.10 | 2.50 | 3.70 | 3.00 | 5.40 | 3.60 | (6.80) | 3.70 | 5.70 | 5.40 | 42.90 |
| May | 4.00 | 3.40 | 6.10 | 2.90 | 5.20 | 3.10 | (1.90) | 2.60 | 2.50 | 4.40 | 35.10 |
| June | 1.20 | 1.20 | 7.00 | 5.00 | 5.10 | 4.10 | 5.80 | 8.90 | 1.60 | 4.10 | 44.00 |
| July | 1.50 | 6.30 | 3.90 | 5.30 | 3.30 | 6.10 | 6.70 | 2.80 | 4.30 | 5.20 | 45.40 |
| August | 7.90 | 5.20 | 10.90 | 3.40 | 4.90 | 7.30 | .40 | 8.50 | 3.80 | 8.30 | 60.60 |
| September | 1.50 | 5.60 | 5.30 | 10.00 | 4.50 | 10.00 | 7.50 | 7.70 | 3.20 | 9.60 | 64.90 |
| October | 7.20 | 5.90 | 5.60 | 5.20 | 6.90 | 7.00 | 2.00 | 5.50 | 6.80 | 6.20 | 52.30 |
| November | 4.30 | 1.70 | 4.50 | 3.50 | 2.00 | 8.90 | 8.90 | 5.20 | 10.10 | 6.70 | 61.80 |
| December | 3.90 | 5.90 | 3.10 | 6.70 | 3.10 | 5.70 | 4.30 | 4.30 | 9.70 | 4.70 | 51.40 |
| TOTALS | (50.90) | (48.80) | 63.90 | 65.10 | 58.40 | 62.60 | 61.10 | 67.30 | 60.90 | 70.00 | 609.00 |

1941. Jan-March est'd.

1942 Jan-March est'd.

1943. Jan 3 Feb. est'd. Mar-May app.
70004 70004

76004 76004

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 | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| | | | | | | | | |

BRITISH RAINFALL ORGANIZATION

Station No. 3495 T.F. 42

51

RAINFALL at Linsdale (Dowrag).

County of North Riding Yorks.

Observer

T. G. H. Winterbottom, Esq.,

River Basin

Tees

6

Tees Valley & Cleveland Water Bd.

Type of Gauge

Bradford.

Annual Average 57.6 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. PB. 1447
 " " 60.94 " " 31 " " Within 1924-56. " " File No. E 10079/49 S.

| | | | | | | | | | | | |
|-----------|-------|---------|-------|-------|-------|--------|--------|--------|-------|-------|--------|
| Diameter | 5" | 027 | 417 | | | | | | | | |
| Height | 1' 0" | | 1 | | | | | | | 1' 3" | |
| Altitude | 1720' | | 51 | | | | | | | 1670 | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| | | | | | | | | | | | Total |
| January | 6.80 | (5.80) | 2.90 | 4.80 | 3.20 | 5.70 | 7.50 | 5.00 | 3.90 | 6.50 | 52.10 |
| February | 5.90 | (2.80) | 3.10 | 3.00 | 2.80 | 2.30 | 5.00 | (1.00) | 2.10 | 7.00 | 43.00 |
| March | 5.80 | (4.00) | 1.80 | 4.20 | 2.50 | 3.00 | 3.00 | (3.55) | 3.00 | 3.20 | 39.20 |
| April | 5.30 | 3.80 | 4.40 | 1.30 | 3.50 | 1.30 | 1.30 | 3.80 | 4.20 | 3.10 | 32.00 |
| May | 3.40 | (2.50) | 3.30 | 5.50 | 5.30 | 2.60 | 3.50 | 6.50 | .70 | 3.00 | 36.30 |
| June | 2.00 | (4.40) | 2.70 | 5.30 | 3.60 | 3.00 | 3.30 | 3.50 | 3.00 | 2.60 | 33.40 |
| July | 3.50 | 4.30 | 7.80 | 6.20 | 2.70 | 4.40 | 6.50 | 5.50 | 4.50 | 7.00 | 52.40 |
| August | 5.90 | 9.20 | 8.20 | 9.20 | 1.50 | 10.10 | (9.10) | 6.30 | 1.50 | 5.00 | 65.50 |
| September | 5.00 | 5.80 | 4.20 | 9.50 | 3.30 | (4.00) | 6.60 | 4.30 | 1.40 | 3.20 | 47.30 |
| October | 2.10 | 5.72 | 2.10 | 11.70 | 2.80 | 4.40 | 5.90 | 4.90 | 4.00 | 7.00 | 50.62 |
| November | 9.00 | 4.30 | 6.20 | 6.40 | 2.40 | 1.50 | 3.50 | 1.60 | 6.40 | 7.00 | 48.30 |
| December | 10.40 | (4.70) | 3.00 | 8.00 | 8.10 | 7.00 | 5.80 | 3.60 | 8.00 | 5.20 | 63.80 |
| TOTALS | 64.60 | (57.32) | 48.90 | 75.10 | 41.70 | 49.30 | 61.00 | 57.55 | 42.70 | 59.80 | 557.92 |
| M. | M. | M. | M. | M. | M. | M. | M. | M. | M. | M. | |

1955 Feb. Mar. app. M. o. 3.5.

00 104 00204 30004

1956 Sept. Est. M. o. 3.
 Rep. III (1957-60) 9. round. Satisfactory exposure. Small enclosure. f. red by
 life-stick July. Height appears to be 50' too high
 1958 Feb.-March app. 61

1960 np low 73014

Position of Station on Ordnance One-Inch map :

No. of Map 84

National Grid Reference NY(35)830 192

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance 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 1924 | ✓ | ✓ | ✓ | |
| | | | | | | |