

RAINFALL AT Alport-Dale Alport Castles No. 42
 Lat. Lon. County of Derbyshire
 S Rain Gauge, by Observer E Sandeman by C.

Bowent 6.

| Diameter .. | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | | | | | | | 10 | | | | |
| Altitude .. | | | | | | | 955 | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | |
| January .. | | | | | | | 6.22 | 2.29 | 3.60 | 3.39 | |
| February .. | | | | | | | 4.08 | 3.53 | 5.11 | 4.33 | |
| March | | | | | | | 4.12 | 5.08 | 4.99 | 5.53 | |
| April..... | | | | | | | 1.96 | 3.97 | 3.55 | 3.32 | |
| May | | | | | | | 3.85 | 5.72 | 3.57 | 2.88 | |
| June | | | | | | | 1.82 | 8.75 | 2.49 | 4.37 | |
| July | | | | | | | 3.47 | 3.35 | 6.01 | 6.48 | |
| August | | | | | | | 4.69 | 5.06 | 4.67 | 3.28 | |
| September.. | | | | | | | 2.03 | .90 | 3.96 | 3.25 | |
| October.... | | | | | | | 7.78 | 8.42 | 1.85 | 7.06 | |
| November.. | | | | | | | 7.42 | 4.98 | 4.35 | 2.08 | |
| December .. | | | | | | | 5.68 | 5.05 | 3.56 | 9.29 | |
| TOTALS .. | 53.27 | 50.51 | 40.19 | 56.70 | 39.62 | 42.92 | 53.12 | 57.10 | 47.71 | 55.26 | |

1906 Printed as 52.12

'00-'05. Entered from P.Y. 1. XII. 1913.

RAINFALL at Alport Dale Airport East N° 42County of DerbyshireObserver E Sandeman Esq. C.I.
S.B. Wimber Esq. C.I.River Basin Trent-Derwent 6

Rain Gauge, by _____

| Diameter ... | 5 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|------|------|------|------|------|------------|
| Height | 1.0 | | | | | | | | | | |
| Altitude ... | 955 | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | M.R.A.N.S. |
| January ... | 5.28 | 2.37 | 5.72 | 5.72 | 4.64 | | | | | | |
| February ... | 5.99 | 6.57 | 2.09 | 1.78 | 3.44 | | | | | | |
| March | 1.43 | 4.19 | 6.75 | 6.40 | 7.18 | | | | | | |
| April | 6.26 | 4.57 | 1.83 | 5.11 | 2.51 | | | | | | |
| May | 4.08 | 1.39 | 3.72 | 3.28 | 3.35 | | | | | | |
| June | 3.93 | 4.42 | 4.77 | 2.89 | 4.83 | | | | | | |
| July | 5.84 | .68 | 6.95 | 1.51 | 5.17 | | | | | | |
| August | 6.90 | 2.81 | 9.50 | 2.41 | 3.94 | | | | | | |
| September .. | 5.50 | 3.32 | 3.95 | 3.11 | 4.17 | | | | | | |
| October ... | 3.81 | 4.78 | 4.52 | 5.19 | 4.12 | | | | | | |
| November .. | 6.90 | 6.08 | 4.14 | 5.92 | 7.19 | | | | | | |
| December ... | 8.33 | 9.39 | 8.29 | 3.94 | 9.06 | | | | | | |
| TOTALS ... | 59.25 | 50.57 | 62.23 | 47.26 | 59.60 | | | | | | |

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

RAINFALL at Alport Moor (Alport Colliery) No. 82.

County of Derbyshire.....

Observer Derwent Valley Water Board.

River Basin Trent-Derwent.

Type of Gauge M.C.

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

370241/34

660619/26

| Diameter | | | | | 5 | | | | | | |
|-----------|------|------|------|------|--------|-------|-------|--------|-------|---------|-------|
| Height | | | | | 10 | | | | | | |
| Altitude | | | | | 975 | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | | | | | # 4.40 | 5.03 | 7.32 | 7.24 | 8.32 | (3.9) | |
| February | | | | | 9.60 | 4.51 | 8.60 | 3.24 | 4.57 | 3.07 | |
| March | | | | | 2.62 | 4.07 | 4.15 | 2.88 | 4.27 | 3.87 | |
| April | | | | | 4.82 | 2.22 | 4.91 | 7.73 | 2.91 | 4.17 | |
| May | | | | | 1.86 | 1.78 | 2.87 | 4.43 | 2.99 | 1.17 | |
| June | | | | | 4.00 | 3.37 | 2.01 | 4.67 | 3.39 | 1.9 | |
| July | | | | | 2.65 | 6.63 | 4.47 | 5.52 | 8.66 | 3.23 | |
| August | | | | | 2.50 | 3.70 | 1.65 | (3.15) | 2.81 | 2.81 | |
| September | | | | | 7.00 | 7.77 | 1.88 | 3.39 | 2.51 | 5.04 | |
| October | | | | | 12.29 | 6.56 | 3.20 | 9.63 | 4.49 | (5.42) | |
| November | | | | | 8.37 | 7.78 | 2.52 | 6.89 | 9.14 | 1.01 | |
| December | | | | | 6.29 | 6.27 | 4.77 | 7.60 | 4.40 | 6.83 | |
| TOTALS | | | | | 66.99 | 59.68 | 48.35 | 59.37 | 58.46 | (53.99) | |
| | | | | | M | M | | | | | |

1938. August with by Goss., file map.

1940 Jan & Oct. est.

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

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

Station No. T.F. 2695/5

RAINFALL at Alport Moor (Alport Castle) N° 82 ✓

41

County of DerbyshireObserver Derwent Valley Water BoardRiver Basin Great-Derwent 6Type of Gauge In. O.

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

Ref.

File No. 660619/26 370241/34

| Diameter | <u>5"</u> | | | <u>106</u> | <u>480</u> | | | | | | |
|-----------|--------------|-------|-------|------------|------------|-------|-------|-------|-------|-------|-------|
| Height | <u>1' 0"</u> | | | | <u>1</u> | | | | | | |
| Altitude | <u>975'</u> | | | | <u>41</u> | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 4.84 | 6.22 | 7.56 | 9.40 | 7.34 | 7.75 | 4.78 | 13.20 | 3.78 | 4.80 | |
| February | 7.00 | 2.71 | 4.60 | 3.56 | 6.50 | 9.51 | 3.70 | 4.68 | 2.87 | 8.61 | |
| March | 7.90 | 3.32 | 1.90 | 1.46 | 1.78 | 2.28 | 9.29 | 2.20 | 2.94 | 2.58 | |
| April | 3.54 | 2.64 | 3.01 | 3.60 | 2.97 | 1.76 | 4.75 | 3.70 | 5.00 | 5.55 | |
| May | 3.22 | 4.64 | 3.65 | 4.83 | 3.77 | 2.33 | 3.93 | 1.90 | 2.78 | 2.75 | |
| June | 2.70 | .98 | 4.91 | 3.89 | 5.30 | 5.38 | 2.91 | 6.65 | 1.62 | 2.20 | |
| July | 4.41 | 6.06 | 2.71 | 4.34 | 1.87 | 5.89 | 2.46 | 3.11 | 2.72 | 4.00 | |
| August | 7.62 | 6.00 | 6.41 | 3.43 | 3.25 | 5.17 | 3.35 | 6.36 | 3.60 | 3.70 | |
| September | 8.15 | 3.64 | 5.25 | 6.13 | 2.79 | 7.32 | 2.60 | 3.80 | 2.80 | 7.65 | |
| October | 6.28 | 7.79 | 2.96 | 6.64 | 8.44 | 1.86 | 1.22 | 3.58 | 5.50 | 2.32 | |
| November | 4.53 | 1.68 | 5.59 | 9.12 | .88 | 9.89 | 6.58 | 2.75 | 8.69 | 8.45 | |
| December | 4.45 | 5.52 | 3.12 | 4.89 | 4.20 | 6.14 | 6.18 | 4.57 | 9.64 | 3.10 | |
| TOTALS | 54.44 | 50.20 | 51.67 | 61.89 | 49.09 | 65.28 | 48.75 | 56.50 | 51.94 | 55.71 | |
| | M | M | M | M | M | M | M | M | M | M | |

1944. Sept. cold by obs. Dec cold.

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

BRITISH RAINFALL ORGANIZATION

RAINFALL at Alport Moor (Alport Hartsley) No. 82

Station No. 2695/5

County of DerbyshireObserver Derwent Valley Water Bd.River Basin Treat. Derwent b.Type of Gauge 12 Octapent

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

File No. 370241/34

| Diameter | 5" | 106 | 480 | | | | | | | | |
|-----------|-------|---------|-------|-------|-------|-------|--------|--------|---------|-------|-------|
| Height | 1' 0" | | | 1 | | | | | | | |
| Altitude | 975' | | | 51 | | | | | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 6.10 | 6.70 | 2.61 | 5.25 | 3.50 | 9.50 | 3.82 | 8.30 | 4.85 | 9.46 | |
| February | 4.70 | 2.60 | 3.32 | 4.60 | 2.91 | 2.00 | 4.93 | (4.40) | .75 | 4.40 | |
| March | 7.10 | 3.85 | 3.60 | 3.60 | 4.10 | 2.56 | 4.48 | 4.00 | 2.75 | 2.63 | |
| April | 3.50 | (3.86) | 4.20 | .72 | 2.22 | 2.55 | 1.10 | 2.25 | 5.50 | 3.60 | |
| May | 3.50 | 2.70 | 3.20 | 3.82 | 6.30 | 1.43 | (1.75) | 4.65 | 1.75 | 2.83 | |
| June | 1.95 | (3.47) | 4.49 | 3.36 | 4.12 | 4.39 | 1.80 | 6.50 | 2.50 | 1.65 | |
| July | 3.75 | 4.30 | 6.27 | 7.20 | .60 | 8.70 | 5.47 | 6.30 | (4.75) | 9.70 | |
| August | 6.66 | 3.00 | 4.88 | 6.60 | .45 | 11.50 | 8.43 | 4.63 | (.70) | 5.15 | |
| September | 3.85 | 5.75 | 2.80 | 5.50 | 2.47 | 4.73 | 10.56 | (6.25) | (1.11) | 4.95 | |
| October | 1.75 | 8.60 | 3.10 | 8.65 | 4.25 | 3.36 | 6.00 | 4.43 | 4.50 | 7.86 | |
| November | 11.55 | 4.20 | 3.15 | 8.31 | 2.75 | 2.75 | 3.22 | 2.30 | 6.30 | 7.70 | |
| December | 9.37 | 5.22 | 2.85 | 11.95 | 6.23 | 7.12 | 7.60 | 5.70 | 9.20 | 6.30 | |
| TOTALS | 63.75 | (34.25) | 44.47 | 69.56 | 38.80 | 60.59 | 59.16 | 64.71 | (43.44) | 66.39 | |
| | M | M | M | | | | | | | M | |

1951 max + July rain. part ext. by m o 3(L)
 High. 1958 1.80K. g. sound. Site slightly on bank NW-ENE & SSW-SSE. Turf well few
 but below min. ff. 05004.
 1960. 3 rain and 26ft. fence with raised end grass kept short.

Period of average 1916-1950 5

§ Turf well Annual Average 57.03 in. based on 22 years to within 1935-57 3 in. low Reported

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference 9K/133.81/9

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

Summary of Earlier Records from 10-year Sheets :

| | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|---------|---------|---------|---------|---------|
| Record D, or d | | | C1935 | — | ✓ |