

10²⁵⁹⁷

RAINFALL at Eastwood Waterworks

County of Nottingham

Observer

F.W. Davies Esq

River Basin Trent Erewash

Somerton Rain Gauge, by N+3

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|-------|--------|-------|-------|--------|
| Diameter ... | | | | | | | | | | 8 | |
| Height | | | | | | | | | | 10 | |
| Altitude ... | | | | | | | | | | 244 | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | | | | | | | 240 | 160 | 1.89 | 3.54 | 943 |
| February ... | | | | | | | .70 | 200 | 2.09 | 2.24 | 703 |
| March | | | | | | | 180 | 100 | 1.26 | 4.73 | 879 |
| April | | | | | | | 130 | 140 | 1.35 | 1.35 | 540 |
| May | | | | | | | 200 | 200 | 2.24 | 1.47 | 771 |
| June..... | | | | | | | 200 | 140 | .50 | .76 | 366 |
| July | | | | | | | 140 | 370 | 3.96 | 2.45 | 1150 |
| August..... | | | | | | | 430 | 180 | 1.69 | 1.94 | 973 |
| September... | | | | | | | 180 | 500 | 5.05 | 1.63 | 1348 |
| October ... | | | | | | | 410 | 140 | 1.44 | 2.62 | 956 |
| November.. | | | | | | | 130 | 160 | 1.52 | 1.62 | 604 |
| December... | | | | | | | .90 | 360 | 3.70 | 3.35 | 1155 |
| TOTALS ... | | | | | | | (240) | (2550) | 26.68 | 27.70 | 10388 |

of gauge Dec 27th first reading Jan 1st 1918
House 25 ft high 50 yds S.W.

wt of Hougham

| Date. | Lat. N. | Long. W. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|----------|------------------|-----------|------------|----------|-----------|------------|
| 53-1. | 1.18. | | Eastwood | 3/4 m | NW | St Marys | 3/4 m | E |

RAINFALL at Eastwood Waterworks

County of Nottinghamshire Observer F. M. Davies Esq
 River Basin Trent - Erewash 4 Water Engg. Nottingham
Snowdon Rain Gauge, by 22 & 23.

| Diameter ... | 8 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------|
| Height | 1.2 | | | | | | | | | | |
| Altitude ... | 244 | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | M.D.M.S. |
| January ... | 2.66 | 2.31 | 3.33 | 1.13 | 2.06 | 2.13 | 3.20 | 1.76 | 5.63 | 1.41 | 4.29 |
| February ... | 2.18 | 2.25 | 2.77 | 2.12 | 8.6 | 2.64 | 2.38 | 1.61 | 2.41 | 4.4 | 1.65 |
| March | 1.95 | 1.88 | 1.55 | 1.11 | 1.18 | 1.65 | 1.82 | 2.55 | 2.56 | 1.22 | 2.73 |
| April..... | 4.00 | 1.90 | 3.09 | 1.97 | 1.87 | 1.89 | 1.30 | 1.89 | .43 | 1.31 | 2.76 |
| May | 2.39 | 1.90 | 1.24 | 2.84 | 2.98 | 3.96 | 2.28 | 1.09 | 1.45 | 1.84 | 1.66 |
| June | 2.25 | 1.30 | 1.76 | 1.38 | 1.94 | 1.05 | 2.57 | 1.36 | 2.59 | 1.22 | 1.39 |
| July | 4.01 | 1.71 | 3.96 | 3.20 | 2.20 | 1.62 | 1.48 | 2.58 | 1.13 | 1.24 | 5.69 |
| August | 1.00 | 3.95 | 5.20 | 2.95 | 2.68 | 3.04 | 1.96 | 2.95 | 2.43 | 2.44 | 2.16 |
| September... | 1.59 | 1.89 | 2.04 | 2.35 | 2.89 | 3.66 | 1.03 | 3.99 | .49 | 1.49 | 4.51 |
| October..... | 1.57 | 3.82 | 1.52 | 1.69 | 4.37 | 3.65 | 1.96 | 2.66 | 4.24 | 3.55 | 2.86 |
| November... | 1.76 | 1.53 | 1.87 | 1.88 | 1.76 | 2.01 | 3.54 | 2.62 | 3.53 | 6.23 | 3.35 |
| December... | 2.91 | 2.36 | 3.27 | 2.87 | 2.92 | 2.59 | 1.09 | 2.78 | 2.20 | 4.85 | 2.67 |
| TOTALS... | 27.27 | 19.80 | 28.60 | 24.49 | 27.71 | 27.89 | 23.61 | 30.83 | 27.42 | 25.63 | 34.72 |

1920 Houses 25 ft High 507ds S.W.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
 Map, 2 miles to 1 inch Series }

| Date. | Lat. N. | Long. W. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|----------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | 53° 1' | 1° 18' | Eastwood | 3/4 mi | NW | St. Marys | 3/4 mi | E. |

RAINFALL at Eastwood Waterworks

B

County of Nottinghamshire

Observer F.W. Davies, Esq., C.E.

River Basin Tiers - Eastwood 4

Type of Gauge N.O.

Annual Average 25.2 in. based on 2 years obs. un-weighted. Period of average 1881-1915 Ref. 743106/27.

| Diameter | 8 | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| Height | 13 | | | | | | | | | | | |
| Altitude | 243 | | | | | | | | | | | |
| Year | | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | |
| January | 1.92 | 2.11 | 2.20 | 2.44 | 1.37 | 3.54 | 3.71 | 2.94 | 5.31 | 2.93 | 2.87 | 2.87 |
| February | 2.99 | 4.41 | 3.02 | 6.3 | 2.57 | 2.02 | 4.11 | 1.88 | 1.57 | 3.10 | 2.130 | |
| March | 1.17 | 1.90 | 2.77 | 1.88 | 1.75 | 1.79 | 2.14 | 1.13 | 1.75 | 2.28 | 1.556 | |
| April | 3.61 | 2.77 | 1.36 | 2.02 | 3.05 | 1.84 | 2.37 | 1.13 | 2.13 | 1.72 | 2.100 | |
| May | 2.88 | 6.74 | 1.64 | 1.01 | 2.7 | 1.23 | 2.59 | 2.10 | 1.35 | 1.29 | 2.010 | |
| June | 4.06 | 1.08 | 1.73 | 1.47 | 3.89 | 3.49 | 1.53 | 1.72 | 1.79 | .94 | 1.970 | |
| July | 4.98 | 3.73 | 1.81 | 1.27 | 1.90 | 4.96 | 3.31 | 4.94 | 4.59 | 2.63 | 3.312 | |
| August | 4.05 | 1.57 | 1.65 | 1.89 | 1.83 | 1.95 | 1.43 | 2.07 | 3.13 | 1.33 | 1.690 | |
| September | 2.75 | 1.73 | 1.97 | 2.50 | 5.16 | 3.11 | 1.42 | 2.93 | 1.60 | .95 | 2.312 | |
| October | 1.61 | 2.84 | 4.57 | 1.12 | 4.48 | 1.91 | 2.53 | 2.88 | 2.37 | 4.52 | 2.913 | |
| November | 3.72 | 1.80 | 1.40 | 1.94 | 5.01 | 2.89 | 1.41 | 3.08 | 4.88 | 6.89 | 3.802 | |
| December | 1.37 | 1.85 | 1.35 | 5.79 | 3.90 | 2.18 | 2.73 | 4.29 | 2.14 | 2.14 | 2.514 | |
| TOTALS | 33.11 | 27.53 | 22.47 | 22.66 | 33.18 | 28.91 | 27.28 | 28.09 | 33.61 | 29.72 | 28.656 | |

1931. Honco 25' high 50 yds S.W.

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 |
|-------|---------|-------|---------------------------|---------------------|-----------|----------------------|---------------------|-----------|
| 1931. | | | L.N.E.R. E.N. Eastwood | 3/4 m | N.W. | St. Mary's, Eastwood | 3/4 m | E. |

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

Station No. 2594

RAINFALL at Eastwood Waterworks / 41

County of Notts
 River Basin Trent - Trewash - 4
 Type of Gauge M.O.

Annual Average 25.9 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 743106/27

| Diameter | 8" | | | 116 | 346 | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1' 3" | | | | 1 | | | | | | |
| Altitude | 243' | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 3.36 | 3.19 | 4.31 | 2.99 | 2.46 | 2.75 | 2.64 | 6.27 | 1.07 | .83 | 2.977 |
| February | 2.35 | 1.36 | .70 | 2.26 | 2.70 | 2.83 | 1.82 | 1.75 | .75 | 5.25 | 2.177 |
| March | 3.36 | 1.86 | .73 | 3.31 | .73 | 1.08 | 5.29 | .64 | 1.53 | 1.00 | 16.08 |
| April | 1.86 | 1.55 | .86 | 2.32 | 2.07 | 1.06 | 2.02 | 1.94 | 2.27 | 2.56 | 1.851 |
| May | 2.68 | 3.69 | 3.64 | 1.02 | 2.42 | 1.45 | 1.55 | 2.31 | 2.66 | 1.40 | 22.77 |
| June | .42 | .80 | 1.68 | 1.92 | 2.94 | 2.57 | 1.55 | 3.08 | .69 | 1.77 | 17.42 |
| July | 3.07 | 2.51 | 1.06 | 2.97 | 2.23 | 1.95 | 2.47 | 1.12 | 4.00 | 2.13 | 23.51 |
| August | 3.61 | 2.31 | 2.00 | 2.47 | 1.83 | 4.74 | .27 | 4.52 | 1.76 | 3.08 | 26.59 |
| September | .33 | 1.11 | 2.42 | 4.37 | 1.49 | 3.00 | 1.64 | 2.11 | 1.49 | 3.50 | 2.142 |
| October | 2.78 | 1.97 | 1.61 | 2.68 | 3.78 | 1.10 | .30 | 1.71 | 4.35 | .96 | 21.24 |
| November | 3.56 | 1.48 | 2.25 | 5.16 | .44 | 5.38 | 2.06 | 1.40 | 3.16 | 4.44 | 29.30 |
| December | 1.08 | 2.12 | 1.06 | 1.57 | 2.03 | 2.99 | 2.57 | 4.13 | 2.57 | 1.93 | 22.05 |
| TOTALS | 27.76 | 23.95 | 22.32 | 30.04 | 25.12 | 30.90 | 24.18 | 30.98 | 26.24 | 28.88 | 270.37 |

1941 hours 25 height 50 yards S.W.

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 from gauge | Parish Church. | Distance from gauge |
|-------|---------|-------|-------------------|---------------------|----------------------|----------------|---------------------|
| 1941 | | | Eastwood L.N.E.R. | 3 1/4 m. | N.W. | St. Mary's | 3 1/4 m. |

Station No. 2597

51

RAINFALL at EASTWOOD (WATERWORKS)

County of NOTTINGHAM Observer B. W. DAVIES, Esq., C.E.

River Basin TRENT - FREWASH - 4

Type of Gauge H.G. Standard

Annual Average 25.9 in. based on 9 years obs, un-weighted. Period of average 1881-1915 Ref. 8

File No. 743106/27

| Diameter ... | 84 | | | 116 | 346 | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height ... | 113" | | | | 1 | | | | | | |
| Altitude ... | 243' | | | | 51 | | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 2.87 | 2.56 | .87 | 1.53 | 2.85 | 4.20 | 1.83 | 3.14 | 3.14 | 5.34 | 27.83 |
| February ... | 3.45 | .65 | 1.98 | 2.76 | 2.10 | 1.02 | 2.92 | 4.24 | .20 | 2.52 | 21.84 |
| March ... | 3.85 | 2.44 | 1.46 | 2.61 | 2.75 | .93 | 3.20 | 1.68 | 1.41 | 1.83 | 22.16 |
| April ... | 2.32 | 1.87 | 2.43 | .44 | 1.31 | 1.99 | .21 | 1.02 | 2.59 | 1.24 | 15.42 |
| May ... | 2.90 | 2.78 | 2.22 | 2.68 | 3.07 | .64 | 1.30 | 2.73 | .53 | 1.17 | 20.02 |
| June ... | 1.50 | 3.03 | 4.10 | 4.09 | 3.33 | 3.12 | 1.47 | 4.32 | .88 | 1.99 | 27.83 |
| July ... | .73 | .92 | 3.45 | 2.04 | .76 | 3.48 | 2.61 | 4.72 | 1.94 | 3.27 | 23.92 |
| August ... | 4.79 | 1.58 | 2.40 | 4.44 | .64 | 5.75 | 4.26 | 2.31 | 1.00 | 3.69 | 30.56 |
| September ... | 1.82 | 1.83 | 1.47 | 3.46 | .77 | 2.58 | 6.25 | 2.73 | .08 | 4.21 | 25.20 |
| October ... | .83 | 3.65 | 2.07 | 3.64 | 1.71 | 1.34 | 1.77 | 2.53 | 2.04 | 5.52 | 25.10 |
| November ... | 6.12 | 1.55 | 1.89 | 5.25 | 2.23 | 1.05 | 2.52 | 1.16 | 2.59 | 3.46 | 27.82 |
| December ... | 2.26 | 2.77 | .84 | 2.83 | 2.50 | 3.38 | 2.58 | 3.49 | 4.18 | 4.01 | 28.84 |
| TOTALS ... | 32.94 | 25.63 | 25.18 | 35.47 | 24.02 | 29.48 | 30.92 | 34.07 | 20.58 | 38.25 | 29654 |
| | D | D | D | D | D | D | D | D | D | D | |

1951 House 25' at 150° S.W.

1956 Rather big, but accept.

Junk I 1959 J.B.S.H. On hillside by trees NW-S.E. New site rec. Job accepted 1.1.60.



Position of Station on Ordnance One-Inch map : No. of Map 112 National Grid Reference SK(43)460468

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|-----------|---------------------|----------------------|
| 1951 | | | EASTWOOD | 3/4 m. | N.W. | St. Mary's Eastwood | 3/4 m. E. |

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 |
|-------------------|--|---------|---------|---------|---------|---------|
| | | C1918 ✓ | ✓ | ✓ | ✓ | ✓ |