

RAINFALL at Yarm (Worsall Hall)County of York & N.R.Observer Major H.K.D. EvansRiver Basin Tees - bType of Gauge M.O.

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

f. 866815/39

| | | | | | | | | | | | |
|-----------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| Diameter | | | | | 5" | | | | | | |
| Height | | | | | 1' 0" | | | | | | |
| Altitude | | | | | 60' | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | | | | | 1.91 | 3.22 | 2.28 | 2.11 | 4.05 | 2.41 | |
| February | | | | | 2.75 | 2.98 | 2.76 | 1.59 | 1.03 | 1.02 | |
| March | | | | | .78 | 1.45 | 2.84 | .11 | 2.20 | 2.28 | |
| April | | | | | 2.65 | 1.33 | 2.36 | .07 | 1.25 | 1.77 | |
| May | | | | | .81 | 1.41 | 2.77 | 2.90 | 1.70 | 1.50 | |
| June | | | | | 2.52 | 4.51 | 1.14 | 2.29 | 1.64 | .55 | |
| July | | | | | 1.00 | 2.69 | 1.35 | 2.75 | 2.10 | 6.20 | |
| August | | | | | 2.32 | 2.71 | .93 | 2.89 | 2.38 | 1.02 | |
| September | | | | | 4.18 | 4.32 | 1.28 | 1.67 | 1.17 | 1.02 | |
| October | | | | | 4.21 | 1.63 | 1.60 | 3.32 | 4.16 | 3.07 | |
| November | | | | | 3.69 | 2.23 | 2.27 | 2.60 | 2.01 | 3.16 | |
| December | | | | | 1.95 | 1.32 | 4.05 | 3.61 | 1.04 | 2.40 | |
| TOTALS | | | | | 28.77 | 29.80 | 26.63 | 25.91 | 24.73 | 26.40 | |
| | | | | | 2.2 | 2.4 | 2.1 | 2.1 | 2.0 | 2.2 | |

1935 Hedge 4' high 4-15 yds all round.

Brick Wall 12' high 15-60 yds " "

1940 Hedge 7' high 6 yds N + W

Garden Wall 15' high 15 yds S + E

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 | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|---------------|---------------------|----------------------|
| 1935 | | | Yarm | 3 m | N.E. | Ricklelington | 3 m. | E. |

Station No. 3483/6RAINFALL at Yarm (Worsall Hall)

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County of Yorks N.R. Observer Major H.K.D. EvansRiver Basin Tees - 6Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref.File No. 8.668.15/39

| Diameter | 5" | | 031 | 339 | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|
| Height | 1' 0" | | | 1 | | | | | | | | |
| Altitude | 60' | 70' | | 41 | 70' | | 60' | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | |
| January | 2.87 | 1.81 | 2.84 | 1.33 | 4.35 | 1.41 | 1.25 | 5.14 | .95 | 1.17 | | |
| February | 5.75 | 1.56 | .08 | 2.08 | 1.66 | .56 | 1.43 | .99 | .46 | 3.10 | | |
| March | 2.02 | .80 | .38 | .70 | .36 | 1.09 | 2.92 | 1.11 | 1.00 | .44 | | |
| April | .49 | .56 | 1.08 | 2.09 | .83 | 1.90 | 2.83 | .85 | 1.93 | 1.93 | | |
| May | .97 | 2.01 | 2.16 | 1.02 | 3.41 | 2.13 | 1.91 | 1.19 | 1.04 | 1.05 | | |
| June | .60 | .82 | 1.40 | 2.38 | 2.16 | 2.77 | 2.37 | 4.55 | .65 | 1.27 | | |
| July | .86 | 2.66 | 1.08 | 2.23 | 1.26 | 3.64 | 2.21 | 1.58 | 1.75 | 2.14 | | |
| August | 2.83 | 1.89 | 3.40 | 2.13 | 3.29 | 3.71 | .21 | 2.83 | 2.08 | 6.04 | | |
| September | .36 | 2.31 | 3.89 | 3.93 | 1.51 | 3.89 | 2.10 | 1.17 | .93 | 2.87 | | |
| October | 3.50 | 2.03 | 1.82 | 2.74 | 3.27 | 1.26 | .34 | 1.14 | 2.69 | 1.01 | | |
| November | 2.66 | 1.14 | 2.22 | 4.09 | .70 | 4.25 | 1.60 | 1.39 | 3.31 | 5.61 | | |
| December | .28 | 2.33 | 1.22 | 1.45 | 1.06 | 3.67 | 1.58 | 1.76 | 2.07 | 2.55 | | |
| TOTALS | 23.19 | 19.92 | 22.17 | 26.17 | 23.86 | 28.58 | 20.75 | 23.70 | 18.86 | 29.18 | | |
| | D | D | D | D | D | D | D | D | D | D | | |

1944 Birch garden wall - 12 ft. 15 to 60 yds all round.

1947 larch hedge?

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. | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1941 | | | Yarm | 3 miles | | Worsall | | |
| 1947 | | | Yarm | 3 mbs | N.E. | Kirkcubington | 3 mbs | E |

BRITISH RAINFALL ORGANIZATION

Station No. 2483/6

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RAINFALL at Yarm (Worsall Hall)County of North Riding Yorks.Observer Major H. K. D. Evans.River Basin Ure - 6Type of Gauge M.O.Annual Average 25.11 in. based on 21 years obs. un-weighted. Period of average 1916-1950 Ref. 5" " 25.11 " " 21 " " Within 1935-56 " " File No. 866812/39

| Diameter ... | 5" | | | 031 | 339 | | | | | | | |
|---------------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|--|
| Height ... | 1'0" | | | | 1 | | | | | | | |
| Altitude ... | 60' | | | | 51 | | | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means | |
| January ... | 1.80 | 1.97 | .79 | 2.07 | 2.03 | 2.62 | 1.77 | 1.52 | 2.41 | 4.21 | | |
| February ... | 2.05 | .40 | 1.98 | 1.71 | 1.53 | 1.98 | 1.60 | 2.89 | .71 | 1.87 | | |
| March ... | 2.80 | 1.17 | .15 | 1.51 | 1.46 | .47 | .94 | 1.42 | .77 | 1.73 | | |
| April ... | 1.60 | 1.80 | 2.07 | .18 | .97 | .84 | .14 | 1.35 | 1.42 | 0.72 | | |
| May ... | 3.39 | 1.15 | 2.00 | 2.91 | 1.97 | .24 | 1.44 | 2.75 | .70 | 0.57 | | |
| June ... | .96 | 1.10 | 2.33 | 2.65 | 2.46 | 3.22 | 3.00 | 3.23 | 2.09 | 0.33 | | |
| July ... | 2.91 | 1.41 | 3.04 | 1.68 | 1.08 | 3.26 | 3.20 | 2.35 | 1.43 | 4.61 | | |
| August ... | 6.79 | 2.39 | 3.17 | 4.90 | .65 | 6.79 | 3.31 | 2.76 | .15 | 3.68 | | |
| September ... | 1.20 | 3.90 | 1.76 | 1.49 | 1.10 | 2.50 | 3.12 | 2.26 | .90 | 2.17 | | |
| October ... | 1.37 | 2.61 | 1.67 | 3.97 | 1.81 | 1.14 | 1.58 | 1.24 | 1.19 | 4.45 | | |
| November ... | 5.06 | 2.53 | 1.65 | 3.89 | 2.17 | .77 | 1.42 | .83 | 3.15 | 3.00 | | |
| December ... | 2.97 | 2.19 | .80 | 1.63 | 2.51 | 2.11 | 1.81 | 2.09 | 2.88 | 2.79 | | |
| TOTALS ... | 32.90 | 22.62 | 21.41 | 5.5 | 19.69 | 25.94 | 23.35 | 24.69 | 17.80 | 30.13 | | |
| | d | d | d | d | d | d | d | d | d | d | | |

1451. Garden wall 12' high 15" x 60" all round.
 1956 Brick garden wall 7' at 15" x 60" all round.

94/3

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NZ(45)394101

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|-------------------------------|----------------|--------------------------------|
| 1451. | | | Yarm | 3 1/2 m SE. | Worsall | 3 m. SSE. |

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|---------|---------|----------------------|---------|---------|
| | | | C 1935 Vard 35-37 | V | |