

RAINFALL AT

Evesham, Berks.

Lat. _____

Lon. _____

County of *Worcestershire*

Howard Rain Gauge, by _____

Observer *Mr. R. O. Bro. R. d. p. C. Smith*

upper avon - 3.

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|------|-------|--------|
| Diameter ... | | | | | | | | | | 5 | |
| Height | | | | | | | | | | 1 0 | |
| Altitude ... | | | | | | | | | | 120 | |
| Year ... | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January ... | | | | | | | | | | 1.00 | |
| February ... | | | | | | | | | | .51 | |
| March | | | | | | | | | | 2.70 | |
| April | | | | | | | | | | 2.00 | |
| May | | | | | | | | | | .94 | |
| June | | | | | | | | | | 3.98 | |
| July | | | | | | | | | | 2.59 | |
| August | | | | | | | | | | 2.44 | |
| September .. | | | | | | | | | | 3.92 | |
| October ... | | | | | | | | | | 3.16 | |
| November .. | | | | | | | | | | .84 | |
| December ... | | | | | | | | | | 2.71 | |
| TOTALS ... | | | | | | | | | | 26.79 | |

1907 St. Lawrence Church 1 mile NE
Evesham Station 1/4 . NE
Trees 20 ft high 20 yards NW & S.E.

RAINFALL at Evesham BengworthCounty of WorcestershireObserver Mr. Ross & Co. LtdRiver Basin Severn Upper Avon 3

(G.A. Weather. Eng.)

Howard Rain Gauge, by

copper

glass

4.97

4.97

5.00

4.95

.04

.10

.20

.20

.30

.40

.50

.04

.10

.20

.20

.30

.40

.50

| Diameter ... | 5 | | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|------------------------|
| Height | 10 | | | | | | | | | | | | |
| Altitude ... | 120 T | 128 | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | | |
| January ... | 2.32 | .78 | 4.27 | 3.20 | .70 | 2.84 | .99 | 1.68 | 2.21 | 3.44 | | | Total 16.44 8.32 |
| February ... | 2.59 | 1.41 | 1.99 | .90 | 1.82 | 2.44 | 3.02 | 1.17 | .82 | 2.25 | | | 7.26 |
| March | .96 | 1.85 | 3.34 | 3.94 | 2.67 | .69 | 2.96 | 1.76 | 1.02 | 4.16 | | | 9.90 |
| April | 3.15 | .78 | .11 | 2.99 | .82 | 1.02 | 1.05 | 1.08 | 2.82 | 1.74 | | | 6.69 |
| May | 1.59 | .70 | 2.57 | 2.38 | 1.13 | 2.57 | 2.49 | 3.10 | 1.39 | .82 | | | 7.80 |
| June | 3.14 | 1.40 | 5.37 | .54 | 2.98 | 2.03 | 1.87 | 1.99 | .58 | .81 | | | 5.20 |
| July | 2.16 | .11 | 4.53 | 1.35 | 4.20 | 4.40 | 1.88 | 1.64 | 2.61 | 3.07 | | | 9.20 |
| August | 3.69 | 1.70 | 6.88 | 1.25 | 1.18 | 1.92 | 2.79 | 5.15 | .66 | 2.50 | | | 11.10 |
| September .. | .64 | 1.57 | .38 | 2.24 | .85 | .54 | 1.15 | 2.06 | 4.75 | 2.01 | | | 9.97 |
| October ... | 2.08 | 1.90 | 2.60 | 2.66 | 1.55 | 2.61 | 3.42 | 2.45 | 1.32 | 2.03 | | | 9.22 |
| November .. | 3.95 | 2.53 | 1.55 | 2.35 | 2.38 | 1.69 | 2.67 | .90 | 1.41 | .92 | | | 5.90 |
| December ... | 3.51 | 3.54 | 3.31 | 1.12 | 4.97 | 4.03 | 2.31 | 1.13 | 1.89 | 2.39 | | | 8.22 |
| TOTALS ... | 29.78 | 18.27 | 36.90 | 24.92 | 25.25 | 26.78 | 26.60 | 24.11 | 21.43 | 26.64 | | | 98.78 9.16 |

1910 moved early - from 40 yards.

1911 moved 20 yards
has 15 ft high 11 yards NE & SE

1914 moved 40 yards

1919. Or. moved 'not more than 22 yards'.

+ C.S. 29. 3.20 surrounded by small cabbages in open field, quite good exposure.

+ D.S.S. 4. VII. 15. Howard's gauge in good condition. Gauge & glass (flat foot) accurate
position changed from season to season according to crops but distance of move is small
and exposure always uniformly good.

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|-----------|-----------|------------|
| | | | Evesham | 1/2 m | WNW ESE | Bengworth | 1/2 m | SW NNE |

RAINFALL at Evesham, BengeworthCounty of WorcestershireObserver J. E. MasonRiver Basin Severn - Upper Avon

Rain Gauge, by _____

| | | | | | | | | | | | |
|---------------|------|------|------|------|---------|------|------|------|------|------|--------|
| Diameter ... | | | | | 5 | | | | | | |
| Height | | | | | 2 | | | | | | |
| Altitude ... | | | | | 96 | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | MEANS. |
| January ... | | | | | 3.11 | | | | | | |
| February ... | | | | | 44 | | | | | | |
| March | | | | | (.90) | | | | | | |
| April | | | | | 2.02 | | | | | | |
| May | | | | | 5.35 | | | | | | |
| June | | | | | 1.53 | | | | | | |
| July | | | | | 3.82 | | | | | | |
| August | | | | | 2.98 | | | | | | |
| September... | | | | | 3.52 | | | | | | |
| October | | | | | 4.40 | | | | | | |
| November... | | | | | 1.49 | | | | | | |
| December... | | | | | 2.14 | | | | | | |
| TOTALS... | | | | | (61.70) | | | | | | |

1924. March estd.

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

Map, 2 miles to 1 inch Series

Reference No. _____

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1924 | 52.5 | 1.55 | | | | | | |

RAINFALL at Everham (Bargeworth).County of Worcester.Observer Wm. Ross Bross Ltd.River Basin 9 - Upper Avon.Per C.B. Crocker.Everham Rain Gauge, by _____

| Diameter ... | 5 | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|------------------|
| Height | 1.0 | | | | | | | | | | | |
| Altitude ... | 128 | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. | |
| January ... | 2.28 | 2.19 | 1.91 | 1.43 | 2.80 | 1.55 | 2.47 | 2.59 | 3.74 | .73 | 3.74 | Totals, 25.43 |
| February ... | .61 | .18 | 2.79 | 3.11 | .42 | 2.40 | 2.23 | 2.55 | 1.41 | .45 | .36 | 16.51 |
| March | 2.40 | 1.00 | 1.37 | 1.69 | .89 | .44 | .63 | 1.54 | 2.17 | .10 | 1.34 | 13.57 |
| April | 3.09 | .85 | 2.41 | 2.10 | 2.50 | 1.33 | 2.58 | 1.51 | 1.09 | .97 | 2.87 | 21.30 |
| May | 1.46 | 1.38 | .74 | 1.68 | 5.17 | 2.71 | 4.60 | 1.13 | 1.03 | 1.56 | 2.29 | 23.75 |
| June | 1.85 | .43 | .90 | .21 | 1.56 | .34 | 1.73 | 2.42 | 2.60 | 1.08 | 3.03 | 16.15 |
| July | 3.61 | .21 | 3.21 | 2.55 | 3.77 | 2.89 | 1.63 | 3.64 | 1.67 | 1.85 | 3.14 | 28.17 |
| August | 1.21 | 2.78 | 5.04 | 1.93 | 3.21 | 1.74 | 1.90 | 2.86 | 2.16 | 1.55 | 2.41 | 26.79 |
| September... | 3.16 | 1.27 | 2.03 | 2.32 | 3.50 | 3.11 | .79 | 4.46 | .83 | .98 | 2.76 | 25.21 |
| October | 1.91 | 1.67 | .35 | 4.56 | 3.91 | 2.80 | 2.70 | 1.24 | 3.58 | 3.78 | 2.03 | 28.53 |
| November... | .50 | 1.54 | 1.16 | 1.02 | 1.66 | 1.18 | 4.81 | 1.87 | 2.56 | 6.19 | 3.90 | 26.39 |
| December... | 1.65 | 1.26 | 2.58 | 2.45 | 1.99 | 2.08 | .36 | 2.34 | 1.98 | 5.45 | 2.76 | 24.90 |
| TOTALS... | 23.73 | 14.76 | 24.49 | 25.05 | 31.38 | 22.57 | 26.43 | 28.15 | 24.82 | 24.69 | 30.63 | 276.70 |
| | D | D | D | D | D | D | D | D | D | D | D | 444 |

1920. Trees 15' ft. 1120. off. N.E. & S.W.

" 29" slope (S.E.) "quite good exposure".

28/9/30 Inspects by Mr. G. Manspacher see green file

1930. Jan. 1st Gauge moved 84' S.W.

Shed 25' high, 45' N.W.

Position of Station on reduced Ordnance Survey }
Map, 2 miles 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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | | | Everham. | 1/2 mile | N.W. | Bargeworth. | 1/2 mile | S.W. |

RAINFALL at Evesham (Bangsworth)County of WorcestershireObserver Messrs. Ross Bros., Ltd.River Basin Severn Upper Avon 3Type of Gauge HowardAnnual Average 22.9 in. based on 17 years obs. ~~un~~ weighted. Period of average 1881-1898 Ref. 3

875123/28.

| Diameter | 5 | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 10 | | | | | | | | | | | |
| Altitude | 123 | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | Totals |
| January | 1.23 | 1.89 | 1.80 | 2.19 | .69 | 2.35 | 2.65 | 2.46 | 4.17 | 2.73 | | 22.19 |
| February | 1.96 | .19 | 2.31 | .36 | 1.94 | 1.68 | 2.10 | .58 | 0.85 | 2.13 | | 15.10 |
| March | .12 | 1.68 | 2.26 | 1.52 | .38 | 2.50 | 2.92 | .25 | 1.40 | 1.53 | | 14.56 |
| April | 3.08 | 2.79 | 0.90 | 1.94 | 3.00 | 2.31 | 2.11 | .14 | 2.31 | 2.80 | | 21.38 |
| May | 3.62 | 7.37 | 1.76 | .57 | 1.54 | .56 | 2.31 | 1.57 | 0.84 | 2.17 | | 22.31 |
| June | 4.18 | 1.29 | 2.89 | .75 | 2.62 | 2.09 | 1.26 | 1.18 | 1.85 | .44 | | 18.65 |
| July | 3.01 | 2.10 | 1.29 | 1.46 | .61 | 4.95 | 3.41 | 2.55 | 4.92 | 3.04 | | 27.34 |
| August | 4.72 | 2.39 | 0.56 | 1.65 | 1.18 | .45 | .90 | 2.75 | 2.01 | .25 | | 16.86 |
| September | 2.23 | 3.05 | 1.76 | 1.63 | 2.90 | 3.73 | 2.45 | 1.68 | 0.73 | .85 | | 21.01 |
| October | .84 | 3.94 | 3.40 | 1.00 | 3.16 | .77 | 2.33 | 2.52 | 2.90 | 2.98 | | 23.84 |
| November | 2.60 | 1.44 | 0.94 | 1.73 | 3.96 | 1.74 | 1.47 | 2.40 | 4.49 | 5.69 | | 26.46 |
| December | 1.00 | 1.15 | 0.33 | 4.20 | 3.02 | 2.23 | 1.41 | 2.85 | 1.59 | 1.34 | | 17.12 |
| TOTALS | 28.59 | 29.28 | 20.20 | 19.00 | 25.00 | 25.36 | 26.45 | 20.93 | 28.06 | 25.96 | | 243.82 |
| | D. | D. | D. | D. | D. | D. | D. | D. | D. | D. | | 48.4 |

1931. Gauge moved Sept. 1st 1931. 84' N.E.

Trees 15' high 30' N.E. & S.W.

1940. Trees 15' high 20' 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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1931. | | | Evesham | 2 min. | N.W. | Bangsworth. | 1/2 min. | S. |

Station No. 2425

RAINFALL at Evesham (Bengerworth)

41

County of Worcestershire

Observer Thomas Ross Buss Ltd.

River Basin Severn Upper Basin 3

Type of Gauge Heyford Snowden 50

Annual Average 22.9 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref S

File No. 875123/28

| Diameter | 5" | | | | 4 5/6 | 12 7/8 | | | 8" | | | |
|-----------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|--------|
| Height | 1' 0" | | | | | 1 | | | 1 | | | |
| Altitude | 128' | | | | | 41 | | | 128 | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | Totals |
| January | 2.46 | 2.54 | 3.92 | 1.88 | 1.05 | 2.05 | 1.27 | 3.80 | 1.04 | 3.35 | | 20.36 |
| February | 1.77 | .45 | 1.46 | .98 | 1.57 | 1.40 | .88 | .94 | .71 | 3.34 | | 13.50 |
| March | 2.09 | 1.84 | .82 | .25 | 1.06 | .81 | 5.15 | .87 | 1.29 | .95 | | 15.13 |
| April | .82 | .91 | .71 | 1.27 | .91 | 2.30 | 1.69 | 1.86 | 2.15 | 1.63 | | 14.25 |
| May | 1.77 | 2.71 | 2.71 | .74 | 2.02 | 2.72 | 1.57 | 3.45 | 2.73 | 2.12 | | 22.60 |
| June | 1.87 | .07 | 1.63 | 2.26 | 2.20 | 1.98 | 1.14 | 2.43 | .24 | 1.75 | | 15.57 |
| July | 4.03 | 1.38 | .70 | 2.54 | 1.17 | 1.59 | 1.65 | .91 | 1.46 | 2.38 | | 17.81 |
| August | 3.74 | 3.05 | 1.18 | 3.08 | 1.75 | 3.87 | .53 | 2.71 | 1.49 | 3.08 | | 24.48 |
| September | .63 | 1.23 | 1.88 | 2.85 | 1.78 | 3.12 | 1.39 | 2.94 | 1.71 | 2.26 | | 20.87 |
| October | 2.45 | 2.44 | 1.94 | 2.74 | 3.35 | .45 | .24 | 2.30 | 4.97 | .55 | | 21.43 |
| November | 2.42 | 1.55 | 1.50 | 3.91 | .48 | 3.96 | 1.25 | 1.17 | 2.11 | 3.98 | | 22.33 |
| December | 1.45 | 2.68 | 1.01 | 1.36 | 3.28 | 1.59 | 1.67 | 2.56 | 1.13 | 1.52 | | 18.25 |
| TOTALS | 25.50 | 20.85 | 19.52 | 23.86 | 20.62 | 25.84 | 18.43 | 25.94 | 21.03 | 25.01 | | 226.60 |

1941 Trees 15' high 25 yds. E.

1942 Buildings 10' high 10' E.

1947 Buildings 25' 25 yds N.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. | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1941 | | | Evesham | 3 1/4 m. | N.W. | Bengerworth | 1/2 m. | S.W. |

Station No. 2425

RAINFALL at Overham (Bengeworth)

51

County of GloucestershireObserver James Ross Bros Ltd.River Basin Lower Upper Avon 3Type of Gauge Howard SnowdenAnnual Average 22.9 in. based on 17 years obs. not weighted. Period of average 1881-1915 Ref. S
24.31 " " 35 " " 1916-1950 1916-1950 File No. 875/23/28 P

| Diameter ... | 5" ² 8" | | | 4.56 | 127 | | | 5" | | | |
|---------------|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|----------------|
| Height ... | 1' 0" | | | | 1 | | | 1' 3" | | | |
| Altitude ... | 128' | | | | 51 | | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means Total |
| January ... | 2.99 | 1.61 | .74 | .99 | 2.34 | 2.90 | 1.36 | 2.06 | 3.67 | 4.03 | 22.69 |
| February ... | 2.11 | .61 | .94 | 2.18 | .79 | .38 | 2.15 | 3.24 | .12 | 1.46 | 13.98 |
| March ... | 2.93 | 1.94 | .91 | 1.67 | 1.83 | .51 | 1.78 | .97 | 1.97 | 1.05 | 15.56 |
| April ... | 2.79 | 1.96 | 1.83 | .41 | .81 | 1.11 | .06 | .82 | 2.18 | 1.08 | 13.05 |
| May ... | 2.56 | 2.53 | 1.71 | 2.20 | 4.64 | .90 | .72 | 2.29 | 1.70 | 1.19 | 20.44 |
| June ... | .48 | 1.39 | 1.72 | 2.40 | 2.97 | 1.72 | 1.02 | 2.67 | .83 | 2.28 | 17.48 |
| July ... | .65 | .31 | 4.99 | 2.21 | .48 | 2.17 | 4.16 | 3.20 | 1.51 | 3.82 | 23.50 |
| August ... | 4.06 | 4.76 | 3.11 | 3.24 | .27 | 4.60 | 3.21 | 2.72 | .67 | 4.59 | 31.23 |
| September ... | 1.86 | .69 | 2.16 | 1.66 | 1.26 | 2.61 | 3.08 | 3.50 | .14 | 4.78 | 21.74 |
| October ... | 1.15 | 3.76 | 1.78 | 3.15 | 1.00 | 2.09 | 1.03 | 2.53 | 2.27 | 5.15 | 23.91 |
| November ... | 5.97 | 2.63 | .85 | 4.94 | 1.70 | .55 | 1.56 | 2.43 | 3.04 | 3.54 | 27.21 |
| December ... | 1.78 | 1.95 | .74 | 1.69 | 1.90 | 3.06 | 1.88 | 2.14 | 3.92 | 2.57 | 21.63 |
| TOTALS ... | 29.33 D | 24.14 D | 21.48 D | 26.74 D | 19.99 D | 22.60 D | 22.01 D | 28.57 D | 22.02 D | 35.54 D | 252.42 |

1954. Buildings 25' @ 25 yds NW.
 Insp. II 1954 J.B.O.K. Over-impacted site on very flat area only wind break being offered to N.
 f. is liable to be moved around depending on crops. Read 07-09 clock. Good drainage.

Position of Station on Ordnance One-Inch map:

No. of Map 144National Grid Reference SP045442

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|----------------------------------|----------------|-----------------------------------|
| 1951 | | | Overham | 3/4. A.W. | Bengeworth | 1/2 r. A.W. |

Summary of Earlier Records from 10-year Sheets:

1916-1950, P-accepted

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