

RAINFALL AT *Abingdon Sewage Pumping Station*

Lat.

Lon.

County of *Berks*

Rain Gauge, by

Observer

*E. Minship Esq C.E.**5- Thames - Oxford.*

| | | | | | | | | | | | |
|---------------|------|------|------|-------|------|-------|-------|-------|-------|-------|--------|
| Diameter | | | | | 5 | | | | | | |
| Height | | | | | 6 | | | | | | |
| Altitude | | | | | 170 | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | | | | .40 | 1.39 | 2.21 | .40 | 1.95 | .38 | 2.37 | |
| February | | | | 2.71 | 1.71 | .21 | .29 | 2.02 | 1.36 | 1.74 | |
| March | | | | .22 | 1.02 | 1.38 | 2.23 | 2.61 | .80 | .20 | |
| April | | | | .04 | 2.08 | 1.54 | .47 | 1.09 | 1.28 | 1.93 | |
| May | | | | 1.16 | 1.91 | .34 | .29 | .72 | 2.55 | 1.10 | |
| June | | | | .53 | 2.92 | .55 | 2.28 | 1.28 | 1.48 | .80 | |
| July | | | | 3.04 | 3.69 | 3.51 | .65 | .67 | .40 | 1.52 | |
| August | | | | 1.23 | 2.84 | 2.00 | 2.32 | 2.81 | 1.28 | 2.55 | |
| September.... | | | | .56 | 2.33 | .81 | 4.61 | 2.95 | .40 | 1.80 | |
| October..... | | | | 3.37 | | 2.96 | 2.25 | 1.12 | 4.78 | 2.15 | |
| November.... | | | | 1.62 | 4.69 | 3.90 | .73 | .34 | 2.32 | 2.32 | |
| December | | | | 1.67 | 1.74 | 1.83 | 2.31 | 2.32 | 1.92 | 1.10 | |
| TOTALS . . . | | | | 16.65 | | 21.24 | 18.83 | 19.88 | 18.95 | 19.58 | |

1894 October record unreliable.

RAINFALL AT Abingdon Sewage Works

Lat.

Lon.

County of Berks

Rain Gauge, by

Observer G. W. Shipley Esq. C.E.

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 5 | | | | | | | | | | |
| Height | 0 6 | | | | | | | | | | |
| Altitude ... | 169 | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 2.38 | 1.39 | .79 | 2.51 | 3.04 | .40 | 3.17 | .73 | 1.51 | .66 | 1.658 |
| February .. | 3.35 | 1.00 | 1.04 | 1.07 | 2.98 | .30 | 1.38 | .87 | .74 | .60 | 1.323 |
| March | .47 | 1.96 | 1.31 | 2.29 | 1.34 | 2.66 | 1.30 | .77 | 2.53 | 2.40 | 1.703 |
| April | .52 | 1.19 | 1.39 | 2.13 | 1.15 | 1.80 | .47 | 1.78 | 4.65 | 1.50 | 1.658 |
| May | .96 | 1.24 | 1.97 | 3.77 | 3.26 | 3.26 | 1.47 | 1.82 | .73 | 1.27 | 1.975 |
| June | 2.19 | .89 | 2.32 | 5.59 | 1.00 | 3.60 | 2.68 | 2.51 | 1.26 | 3.90 | 2.594 |
| July | 1.18 | 2.29 | .70 | 2.83 | 1.90 | .68 | .85 | 3.48 | 1.59 | 2.14 | 1.764 |
| August | 2.24 | 1.80 | 2.76 | 3.07 | 1.54 | .76 | 1.34 | 1.20 | 2.67 | 3.68 | 2.106 |
| September.. | .37 | 2.12 | 1.46 | 2.18 | .67 | 1.31 | .70 | .57 | 2.19 | 2.78 | 1.435 |
| October | 1.88 | 1.25 | 1.56 | 5.63 | 1.13 | .88 | 3.98 | 5.42 | 1.16 | 3.54 | 2.643 |
| November .. | 1.56 | .54 | 2.44 | 2.37 | 1.61 | 3.57 | 3.12 | 1.91 | 1.15 | .74 | 1.901 |
| December .. | 2.79 | 3.94 | 1.82 | 1.09 | 1.68 | 1.03 | 2.06 | 3.57 | 1.92 | 2.76 | 2.266 |
| TOTALS .. | 19.89 | 19.61 | 19.56 | 34.53 | 21.30 | 20.25 | 22.52 | 24.63 | 22.10 | 25.87 | 23.026 |

D 1900 3 3 7 0

1907 Abingdon Station G.W.R.

1908 St Helens Church 45 Chain N

Abingdon Station 62 . N

RAINFALL at Abingdon Sewage WorksCounty of BerkshireObserver G. W. Shipley Esq. C.E.River Basin Thames. Ok + C 5Raphael V. Hall Esq. C.E.

Rain Gauge, by _____

| Diameter ... | 5 | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------------------------|
| Height | 0 6 | | | | | | | | | | | |
| Altitude ... | 169 | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 1.19 | .59 | 4.15 | 2.63 | .49 | 2.88 | 1.27 | 1.36 | 2.68 | 2.49 | | Total 16.19 7.80 |
| February ... | 2.29 | 1.30 | 1.72 | .67 | 1.55 | 3.26 | 5.27 | 1.07 | .68 | 2.34 | | 9.36 |
| March | .46 | 1.48 | 2.85 | 1.75 | 3.64 | 1.07 | 4.90 | 1.45 | .50 | 3.73 | | 10.88 |
| April | 2.68 | .84 | .00 | 3.52 | 1.08 | .92 | .58 | 1.28 | 3.63 | 2.27 | | 7.76 |
| May | 1.64 | 2.18 | 1.83 | 1.95 | .97 | 3.96 | 1.73 | 1.64 | 1.54 | .33 | | 5.24 |
| June | 4.38 | 1.12 | 3.43 | .32 | 1.34 | 1.52 | 1.58 | 1.81 | .70 | 1.20 | | 5.29 |
| July | 1.76 | .07 | 1.37 | 1.10 | 3.60 | 2.84 | 1.46 | 3.62 | 3.58 | 1.85 | | 10.51 |
| August | 2.00 | .61 | 3.80 | .60 | 1.35 | 2.03 | 3.50 | 3.83 | 1.27 | 3.46 | | 12.06 |
| September .. | .33 | .81 | 1.12 | 1.51 | .63 | 2.64 | .78 | 1.26 | 5.05 | 1.30 | | 8.39 |
| October ... | 3.71 | 2.27 | 2.92 | 3.63 | 2.48 | 2.00 | 3.92 | 3.70 | 4.32 | 1.37 | | 13.31 |
| November .. | 3.14 | 2.14 | 1.62 | 1.94 | 2.59 | 2.01 | 3.19 | .67 | 2.26 | 1.44 | | 7.56 |
| December... | 3.73 | 4.31 | 2.93 | .92 | 5.13 | 4.61 | 2.68 | 1.01 | 1.53 | 3.52 | | 8.74 |
| TOTALS ... | 27.31 | 17.72 | 27.24 | 20.54 | 24.85 | 29.64 | 30.86 | 22.70 | 28.04 | 25.30 | | 106.90 |
| | 2 | | | | 2 | 2 | 2 | 2 | | 2 | | 48 |

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

RAINFALL at Abingdon Sewage WorksCounty of BerkshireObserver Raphael V Hall Esq C.E.River Basin Thames. Ock & CoW. W. Lewis Esq. C.E. (1925)London Rain Gauge, by _____

| Diameter ... | 5" | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|---------------|-------|-------|----------------|-----------------|
| Height | 0 | 6 | | | | | | | | | | |
| Altitude ... | 169 | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. | |
| January ... | 1.80 | 2.29 | 2.11 | 1.21 | 3.16 | 1.48 | 2.52 | 2.43 | 2.56 | .94 | 2.54 | Totals 23.04 |
| February ... | .65 | .24 | 2.18 | 3.25 | .17 | 2.89 | 2.09 | (3.90) | 1.71 | .61 | .58 | 18.27 |
| March | 1.33 | .66 | 1.69 | 2.37 | .57 | .48 | .68 | (2.30) | 1.62 | .09 | .93 | 12.72 |
| April | 2.47 | 1.10 | 2.54 | 2.08 | 1.76 | 2.29 | 3.06 | (1.80) | .81 | 1.27 | 1.79 | 20.97 |
| May | 1.47 | .87 | .95 | 1.14 | 3.76 | 2.21 | 3.36 | (1.20) | .88 | .78 | 1.97 | 18.59 |
| June | 3.34 | .27 | 1.16 | .23 | 2.25 | .04 | 2.22 | (2.80) | 1.34 | .87 | .79 | 15.31 |
| July | 5.28 | .15 | 3.79 | 1.22 | 2.80 | 3.44 | 2.59 | (2.50) | 2.55 | 1.06 | 2.39 | 27.77 |
| August | .86 | 1.37 | 4.46 | 2.34 | 2.05 | 2.14 | 1.05 | (4.20) | 1.97 | .63 | 2.12 | 23.19 |
| September... | 1.41 | 1.80 | 1.52 | 1.74 | 3.10 | 2.89 | 1.14 | (5.80) | .80 | .12 | 3.22 | 23.54 |
| October | 1.76 | 1.08 | .65 | 4.13 | 3.34 | 2.37 | 2.00 | 1.48 | 3.34 | 3.09 | 1.19 | 24.43 |
| November... | .67 | 1.91 | .90 | 1.13 | 2.05 | 2.16 | 4.28 | 2.77 | 2.11 | 5.76 | 4.28 | 22.02 |
| December... | 1.49 | 1.36 | 2.12 | 2.45 | 3.59 | 2.27 | .43 | 2.87 | 2.16 | 4.83 | 2.47 | 26.04 |
| TOTALS... | 22.53 | 13.10 | 24.07 | 23.29 | 28.60 | 24.66 | 25.42 | 34.05 imp. | 21.85 | 20.05 | 24.27 | 261.87 46 |
| | D | D | D | D | D | D | D | 72 | D | D | D | |

1928. Jan. R. recently fixed is a good 12" above ground. See enclosure 1A

File 316047/28

1927. Imp.

1929 Sewage P.S. 4'40" high 4'50" S.

W. W. 826

W. W. 1916-50

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1930. | | | Abingdon | 1 m. | N. | | | |

RAINFALL at Abingdon (Sewage Works)County of BerkshireObserver W. H. Lewis, Esq. C.E.River Basin Thames - Ockes & S.The Borough of SurinType of Gauge London Glasgow 1937Annual Average 22.8 in. based on 38 years obs. un-weighted. Period of average 1881-1915. Ref. S

8.6047/28.

| Diameter | 8. | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------------------|-----|
| Height | 1.2. | 1. 2. | | | | 1 0 | | | | | | |
| Altitude | 169. | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Totals. Means | |
| January | 1.09 | 1.96 | 1.60 | 1.70 | 1.59 | 3.32 | 3.27 | 2.15 | 4.28 | 2.62 | 22.58 | |
| February | 1.76 | 1.4 | 3.88 | 1.5 | 2.00 | 1.75 | 4.08 | 1.42 | .75 | 1.73 | 16.66 | |
| March | .18 | 1.43 | 2.52 | 1.62 | .38 | 2.22 | 3.16 | 1.25 | 1.64 | 2.03 | 15.43 | |
| April | 2.88 | 2.40 | 1.06 | 2.14 | 3.31 | 1.21 | 2.95 | 1.04 | 2.92 | 2.03 | 20.93 | |
| May | 3.12 | 6.27 | 2.01 | .57 | 1.03 | .53 | 2.66 | 2.02 | 1.36 | 1.08 | 20.65 | |
| June | 2.51 | .65 | 0.76 | .82 | 3.50 | 2.98 | 1.84 | 1.60 | 1.23 | .67 | 15.55 | |
| July | 3.73 | 3.46 | 1.89 | .79 | .80 | 4.62 | 1.32 | 1.07 | 4.85 | 2.91 | 25.44 | |
| August | 2.97 | 2.31 | 0.72 | 1.61 | 1.58 | .99 | .69 | 2.52 | 2.02 | .05 | 15.46 | |
| September | 2.58 | 2.34 | 2.13 | 1.78 | 4.00 | 3.14 | 1.58 | 1.28 | .57 | .81 | 20.21 | |
| October | .66 | 3.84 | 1.76 | 1.34 | 3.87 | 1.58 | 2.75 | 2.34 | 4.61 | 2.80 | 25.55 | |
| November | 2.76 | 1.04 | 0.92 | 1.58 | 3.75 | 2.66 | 1.32 | 2.65 | 3.57 | 6.19 | 26.44 | |
| December | .68 | .64 | 0.44 | 4.54 | 2.85 | 1.80 | 1.77 | 2.91 | 1.14 | 1.10 | 17.67 | |
| TOTALS | 24.92 | 26.48 | 19.67 | 18.64 | 27.66 | 26.80 | 27.39 | 18.25 | 28.64 | 24.02 | 142.77 | 426 |
| | D. | D | D | D | D | D | D | D | D | D | D | |

1931. Sewage pumping station 40' high 50's.

1785. Station inspected 17/4. Site good. G. slightly oval, this will be remedied by the rim made circular. New measuring glass ordered & also purchased 8/5/35.

1936 Pump house 14' high, 15' gds 5' W.

1937 Building 15' high 40's.

1934 corrected for anemometer 28.5.48 12.

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. | | | Abingdon G.W.R. | 1 m | N. | Abingdon | 2 m | N. |

Station No. 824

RAINFALL at Abingdon (Sewage Works)

41

County of Berkshire

Observer The Borough Surveyor

River Basin Thames: Oct 9 & 5

Type of Gauge Rainstick

Annual Average 22.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 816047/28

| Diameter | 8" | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|------|------|-------|-------|-------|
| Height | 1' 0" | | | | | | | | | | |
| Altitude | 169' | 170' | | | | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 2.55 | 3.02 | 3.51 | 1.34 | 1.44 | 1.36 | 1.32 | 4.68 | 1.01 | .48 | |
| February | 1.99 | .65 | .72 | .91 | 1.55 | 2.12 | 1.23 | .51 | 1.00 | 3.82 | |
| March | 2.29 | 1.95 | .60 | .20 | .81 | .76 | 4.07 | .93 | 1.69 | .60 | |
| April | 1.31 | .92 | .56 | 1.21 | 1.21 | 1.49 | 2.20 | 1.59 | 1.27 | 1.79 | |
| May | 1.87 | 2.89 | 2.04 | .52 | 1.79 | 3.76 | 1.70 | 3.38 | 1.56 | 2.07 | |
| June | 2.36 | .18 | 1.69 | 1.58 | 2.25 | 2.39 | 1.03 | 1.81 | .62 | 1.19 | |
| July | 4.13 | 1.86 | 1.01 | 1.39 | 1.82 | 1.55 | 2.96 | .88 | 1.61 | 4.13 | |
| August | 2.83 | 2.94 | 1.71 | 1.30 | 1.33 | 3.51 | .69 | 3.75 | 1.28 | 2.66 | |
| September | .83 | 1.03 | 1.45 | 1.81 | 2.12 | 3.22 | 1.06 | 1.19 | 2.50 | 2.52 | |
| October | .95 | 3.45 | 2.33 | 3.31 | 2.68 | .84 | .37 | 1.76 | 5.69 | .56 | |
| November | 2.64 | 1.67 | 1.23 | 3.75 | .41 | 3.86 | 1.34 | 1.39 | 2.77 | 4.21 | |
| December | 1.02 | 2.90 | 1.02 | 1.30 | 3.36 | 1.74 | 1.51 | 2.41 | 1.02 | .95 | |
| TOTALS | 24.27 | 23.46 | 18.07 | 18.62 | 29.77 | 26.60 | N.R. | N.R. | 22.02 | 24.98 | |

1941. Sub. pump house 14' high 40' S.

1949 No notes to requests for data

1948 24.28

adopted from

Jc. 110 826

for 1916 records

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 | | | Abingdon | 1 m. | N. | Abingdon | 1/2 m. | N. |

BRITISH RAINFALL ORGANIZATION

Station No. 824

RAINFALL at Abingdon (Sewage Works)

51

County of Berkshire

Observer

The Borough Surveyor

River Basin: Thames-Ockers

Type of Gauge: Glaishe

Annual Average 22.8 in. based on 38 years obs. un-weighted.

Period of average 1881-1915

Ref. S

23.83 - 35 - 1916-1950

1916-1950 7816047/28 P

File No.

| Diameter ... | 8" | | | 26 | 10 | 11 | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height ... | 1' 0" | | | | 1 | | | | | | |
| Altitude ... | 170' | | | | 51 | | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 2.29 | 1.35 | .81 | 1.31 | 2.49 | 3.92 | 1.38 | 2.83 | 3.37 | 3.57 | |
| February ... | 3.76 | .53 | 1.20 | 1.99 | 1.23 | .29 | 2.57 | 2.57 | .11 | 1.59 | |
| March ... | 3.42 | 2.07 | .51 | 1.94 | 1.10 | .48 | 1.20 | .93 | 2.57 | 1.01 | |
| April ... | 2.25 | 1.23 | 1.97 | .35 | .34 | 1.42 | .89 | .97 | 1.92 | .67 | |
| May ... | 3.13 | 1.98 | 1.47 | 1.73 | 3.92 | .28 | 1.41 | 1.51 | .65 | 2.27 | |
| June ... | 1.15 | 1.33 | 2.66 | 3.88 | 2.34 | 2.18 | 1.96 | 3.55 | 1.55 | 3.10 | |
| July ... | 1.25 | .39 | 2.80 | 2.01 | .21 | 2.28 | 2.42 | 2.55 | 1.71 | 3.56 | |
| August ... | 3.60 | 3.42 | 1.59 | 3.43 | .48 | 3.74 | 2.07 | 3.82 | 1.79 | 2.25 | |
| September ... | 2.24 | 1.56 | 1.82 | 1.48 | 1.49 | 2.13 | 3.13 | 2.55 | .14 | 3.25 | |
| October ... | .79 | 3.44 | 2.52 | 1.56 | 1.57 | 1.54 | 1.94 | 2.61 | 1.64 | 5.37 | |
| November ... | 5.00 | 3.42 | 1.51 | 4.27 | 1.23 | .70 | 1.67 | 2.61 | 1.89 | 3.52 | |
| December ... | 1.88 | 2.36 | .54 | 1.97 | 2.84 | 3.44 | 2.27 | 2.65 | 4.67 | 4.61 | |
| TOTALS ... | 30.76 | 23.08 | 19.40 | 25.52 | 19.24 | 22.40 | 22.91 | 24.15 | 22.01 | 34.77 | |
| | D | D | D | D | D | D | D | D | D | D | |

1957 Sub. pump. etc. 14' - 40'S.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 50(4) 496959

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge. | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1952. | | | Abingdon | 1/2 ml. | N. | Abingdon | 1/2 ml. | N |

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 |
|----------------|---------|-------------|---------|-------------|---------|
| | ✓ | ✓ NP mps 27 | ✓ | ✓ NR 47, 48 | |
| | ✓ | ✓ bwd 23-25 | ✓ | ✓ | |