

RAINFALL AT Ingatestone, Fryerning, Wellowend

Lat.

Lon.

County of

Essex

Rain Gauge, by 14+3

Observer

Alfriston Esq.

Blackwater - 14.

| Diameter .. | 5 | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 10 | | | | | | | | | |
| Altitude .. | 291 | | | X | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | MEANS. |
| January .. | .64 | .84 | 1.97 | 2.28 | 1.04 | 3.37 | .95 | 1.01 | .81 | |
| February .. | .53 | 1.12 | .73 | 2.44 | .91 | 2.02 | 1.00 | 1.38 | .89 | |
| March .. | 2.43 | 1.46 | 1.80 | 1.62 | 3.04 | 1.37 | .99 | 2.02 | 2.99 | |
| April | 1.85 | .40 | 1.73 | .71 | 1.97 | .66 | 2.64 | 2.64 | 1.62 | |
| May | 1.10 | 2.53 | 1.92 | 1.54 | 1.17 | 1.76 | 1.38 | 1.51 | 1.13 | |
| June | .87 | 3.46 | 6.28 | 1.31 | 2.89 | 1.67 | 1.87 | .88 | 3.80 | |
| July | 2.14 | 1.03 | 4.77 | 2.23 | 1.22 | .72 | 1.29 | 2.93 | 3.81 | |
| August | 1.19 | 3.02 | 4.48 | 1.16 | 2.72 | .75 | 1.61 | 2.60 | 2.34 | |
| September .. | 1.34 | .65 | 2.10 | 1.05 | 1.41 | 1.99 | .63 | 1.26 | 2.17 | |
| October | 2.69 | 1.90 | 4.84 | 1.15 | 1.02 | 4.47 | 3.24 | 1.48 | 4.15 | |
| November .. | .71 | 1.81 | 2.17 | 1.34 | 2.27 | 4.12 | 2.30 | .99 | 1.00 | |
| December .. | 2.62 | 3.44 | 1.22 | 1.39 | 1.61 | .76 | 2.31 | 3.11 | 2.04 | 3.04 |
| TOTALS .. | 18.93 | 19.47 | 34.18 | 18.44 | 20.42 | 25.21 | 21.01 | 20.64 | 27.75 | |

D D D J D

1900 Fryerning Church 300 yards W

Birch Tree 7 ft high 21 ft NE

1903 Ingatesstone Station 1 1/2 miles SE

Hdg. Sta. No. 15 - 23304

NGR: TL (52) 642001

alt. 88 m

RAINFALL at Ingoldstone Farming Welland

County of Essex

Observer A. Elfristy Eg

River Basin Blackwater 4

5 mordon Rain Gauge. by Ntj

| | | | | | | | | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 10 | | | | | | | | | | |
| Altitude ... | 291 | 11 | | | | | | | 290 | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January | 1.30 | 1.31 | 2.38 | 3.06 | .79 | 3.55 | 1.16 | 1.24 | 3.06 | 3.18 | 864 |
| February | 2.33 | 1.11 | 1.50 | .73 | 2.16 | 2.80 | 2.73 | .55 | .88 | 2.78 | 794 |
| March | 1.17 | 1.91 | 2.56 | 1.75 | 0.89 | 90 | 3.87 | 1.54 | .96 | 2.82 | 919 |
| April | 1.18 | 1.10 | .08 | 2.20 | 1.44 | .84 | 1.31 | 1.56 | 2.72 | 3.07 | 866 |
| May | 2.83 | 1.53 | .94 | 1.37 | 1.55 | 2.29 | 1.59 | 3.30 | 1.67 | .58 | 714 |
| June | 1.96 | 1.91 | 2.54 | .51 | 1.15 | .98 | 2.26 | 1.04 | .84 | 1.45 | 559 |
| July | 1.93 | .29 | 1.17 | 2.05 | 1.26 | 4.92 | .90 | 4.25 | 5.59 | 2.01 | 1275 |
| August | 1.88 | .74 | 3.59 | 1.12 | .93 | 2.61 | 3.75 | 3.90 | 1.04 | 2.01 | 1070 |
| September | 1.02 | 1.34 | 2.29 | .90 | .93 | 2.13 | 1.13 | 1.14 | 3.66 | 1.16 | 709 |
| October | 1.43 | 3.04 | 1.72 | 3.50 | 1.19 | 1.94 | 2.90 | 3.58 | 1.65 | .91 | 904 |
| November | 3.14 | 3.81 | 1.79 | 2.82 | 2.60 | 2.77 | 4.34 | 1.62 | 1.75 | 1.66 | 937 |
| December | 3.06 | 3.83 | 2.71 | .67 | 6.18 | 5.15 | 3.17 | 1.10 | 1.46 | 3.54 | 927 |
| TOTALS ... | 23.23 | 21.92 | 23.27 | 20.68 | 24.07 | 30.78 | 30.11 | 24.82 | 25.28 | 25.17 | 10538 |

1911 Jan 1 Moved 100' S
Bench line 22½ ft 22½ NE corner B on Jan 1 1911 from SW

Bench rec 22 ft long 22 ft N.E.
S 23° 45' W SW

19/4/61 found 8 yard W SW
Shrub 8 ft high 20 ft SE

Prod. No. 05-233014

NGR: TL (52) 642001

CH-88

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|--------|------------------|-----------|------------|-----------|-----------|------------|
| 16.10 | 57.441 | 0.22 E | Ingatestone | 1 mile | S E | Fryerness | 2 miles | N |

RAINFALL at Inglistone, Tyermining.

County of Essex

Observer: H. G. Christy Esq.

River Basin Blackwater 4

Snowdon Rain Gauge, by A.G.

| Diameter ... | 5" | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 |
|--------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|-----------------|
| Height | 10 | | | | | | | | | | | |
| Altitude ... | 290 | | | | | | | | | | | |
| Year | 1920 | 2.35 | 2.21 | 3.26 | 1.23 | 2.82 | 1.55 | 2.89 | 1.47 | 3.78 | 1.37 | 2.15 |
| January ... | 2.35 | 2.21 | 3.26 | 1.23 | 2.82 | 1.55 | 2.89 | 1.47 | 3.78 | 1.37 | 2.15 | 2508 |
| February ... | 40 | 30 | 1.91 | 3.05 | 78 | 2.44 | 2.76 | 3.40 | 1.44 | 63 | .56 | 1767 |
| March | 1.19 | .93 | 1.46 | 1.77 | .87 | .89 | .37 | 2.34 | 2.66 | .09 | 1.40 | 1397 |
| April..... | 3.29 | 1.82 | 2.81 | 1.67 | 2.81 | 1.40 | 4.44 | 1.93 | 1.42 | 1.67 | 2.15 | 2541 |
| May | 1.96 | 1.40 | .92 | 1.58 | 3.85 | 2.53 | 1.00 | 1.13 | 2.40 | 1.78 | 2.57 | 2112 |
| June | 1.44 | .25 | 1.23 | .81 | 1.85 | .32 | 3.17 | 3.18 | 2.54 | .84 | 1.16 | 1677 |
| July | 3.10 | .17 | 3.02 | 1.65 | 3.59 | 4.15 | 2.06 | 2.60 | 1.98 | 2.10 | 2.86 | 2228 |
| August | 2.01 | 1.36 | 1.86 | 2.11 | 2.13 | 2.89 | 1.05 | 3.17 | 2.75 | 1.89 | 3.48 | 2490 |
| September... | 3.47 | 2.46 | 2.98 | 1.68 | 2.65 | 2.66 | .91 | 4.42 | .73 | .32 | 2.65 | 2493 |
| October..... | .85 | .91 | 1.30 | 4.63 | 3.51 | 3.10 | 2.53 | 2.03 | 3.65 | 3.29 | .93 | 2673 |
| November... | .58 | 1.73 | 1.69 | 2.00 | 3.50 | 1.82 | 4.17 | 2.58 | 1.99 | 5.41 | 4.03 | 2640 |
| December... | 2.40 | 1.26 | 2.42 | 2.05 | 3.20 | 2.46 | .56 | 3.12 | 3.25 | 4.25 | 2.25 | 2722 |
| TOTALS... | 23.04 | 14.80 | 24.76 | 24.23 | 31.56 | 26.21 | 25.91 | 31.37 | 28.59 | 23.64 | 26.19 | 28230 |
| | $\frac{1}{4}$ | |

1920. Route 4 R.R. 5 s.

1930. Gauge moved 24th Aug. 5yds W.

A.Y. Ma. 10. 15-23304

NGR: TL (52) 642001

Alt. 88m

| Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series | | | No. of Map | Reference No. | | | | |
|--|---------|---------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| Date. | Lat. N. | Long. E | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
| 1920 | 51° 41' | 0.22 | Inglistone | 1 mi | SE | Tyermining | 2 miles | W |

RAINFALL at Ingatesstone (Fryerning)

County of Essex

Observer H.E. Christy Esq.

River Basin Blackwater

Type of Gauge Standard

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

23.3 computed by Mr. Cornish (1928) Ref. 561245/36

Ref.

3466/30

| Diameter | 5. | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|
| Height | 0.9 | | 1.0 | | | | | | | | |
| Altitude | 290. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 2.08 | 1.41 | 1.20 | 1.44 | 1.42 | 4.03 | 3.57 | 2.59 | 5.03 | 1.78 | 24.55 |
| February | 1.80 | 1.25 | 1.03 | 1.38 | 2.07 | 1.86 | 4.13 | 1.53 | 1.98 | 1.87 | 14.60 |
| March | 1.33 | 1.32 | 1.51 | 2.28 | 1.81 | 1.91 | 2.63 | 1.41 | 1.65 | 2.93 | 14.78 |
| April | 3.37 | 2.32 | 1.92 | 1.82 | 3.06 | 1.14 | 3.17 | 1.22 | 3.08 | 1.64 | 20.76 |
| May | 2.82 | 3.20 | 1.32 | 1.66 | 1.16 | 1.30 | 2.67 | 1.80 | 1.69 | 1.57 | 17.00 |
| June | 1.76 | 1.83 | 1.81 | 1.30 | 2.65 | 4.51 | 1.95 | 1.36 | 1.99 | 1.32 | 17.48 |
| July | 2.92 | 2.47 | 1.01 | 1.43 | 1.50 | 3.03 | 3.04 | 1.91 | 3.24 | 3.09 | 21.64 |
| August | 3.52 | 1.85 | 1.48 | 1.88 | 1.61 | 1.57 | 1.70 | 2.05 | 4.42 | 1.03 | 16.06 |
| September | 1.85 | 2.36 | 2.13 | 1.37 | 3.22 | 2.91 | 1.53 | 3.20 | 1.59 | 1.45 | 20.71 |
| October | 1.86 | 4.97 | 1.52 | 1.51 | 2.21 | 1.78 | 1.36 | 2.86 | 6.35 | 2.74 | 26.16 |
| November | 2.17 | 1.15 | 1.14 | 2.81 | 4.05 | 3.10 | 1.95 | 2.98 | 4.20 | 6.68 | 29.73 |
| December | 1.78 | 1.45 | 1.68 | 1.85 | 2.41 | 1.94 | 3.79 | 2.89 | 1.33 | 1.33 | 20.45 |
| TOTALS | 24.26 | 21.58 | 14.75 | 21.08 | 26.26 | 23.78 | 30.49 | 20.80 | 33.55 | 25.46 | 2440 [KM] |

1931 Rose bushes 4' high 8' S
1934 " " 4' 16' S

Regd Sta No. 15-238014

NGL: 72(52) 642001

alt. 88m

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1931 | | | Ingatesstone | 1 mile | SE | Fryerning | 300 yds W |

Station No. 1367

RAINFALL at Ingateshaw (Fareham)

41

County of Essex.

Observer A.E. Christy, Esq.

River Basin Blackwater - 4.

Observer A. E. Christy, Esq.,

Type of Game: Snowdon.

Observer A-E. Christy, Esq..

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

Ref 561245/36

23.3 " computed by Mr Cornish (1938) File No. 3466/30
24. " based on 15 years 1916-1950 Period of 1916-1950 Ref P

| Diameter | 5" | | | | | | | | | | |
|-----------|-------|-------|-------|-------|------|------|-------|------|------|------|-------|
| Height | 10" | | | | | | 1945 | | | | |
| Altitude | 290' | | | | | | 150 | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 1.95 | 2.04 | 4.71 | 1.46 | | | 11.11 | | | | 21.27 |
| February | 2.32 | 1.14 | 1.00 | .87 | | | 11.15 | | | | 16.48 |
| March | 2.71 | 2.49 | .35 | .17 | | | 9.46 | | | | 15.18 |
| April | 1.36 | .83 | 1.26 | 1.54 | | | 7.78 | | | | 12.77 |
| May | 1.49 | 2.10 | 1.60 | .82 | | | 10.65 | | | | 16.66 |
| June | .75 | .29 | 1.44 | 1.61 | | | 10.91 | | | | 15.00 |
| July | 3.11 | 1.81 | 1.34 | 1.80 | | | 12.43 | | | | 20.49 |
| August | 3.95 | 1.91 | 1.31 | 2.30 | | | 11.47 | | | | 20.94 |
| September | .38 | 1.98 | 1.98 | 2.92 | | | 9.92 | | | | 17.18 |
| October | .94 | 3.16 | 1.67 | 3.27 | | | 10.92 | | | | 19.96 |
| November | 2.36 | 2.36 | 1.27 | 3.57 | | | 13.37 | | | | 22.93 |
| December | 1.60 | 2.20 | 1.63 | 1.35 | | | 12.38 | | | | 19.16 |
| TOTALS | 22.92 | 22.31 | 19.56 | 21.68 | | | 13155 | | | | 21802 |
| | \$ | \$ | \$ | \$ | | | | | | | |

1941. Rose bush 4' high 16° S.

Completed from Threlkeld 1286

Hyla Ste. No. 15-233014
N.R. TL(52) 642001
Alt. 88 m.

Position of Station on reduced Ordnance Survey Map, | *No. of Map.*
1 mile to 1 inch Series

Reference No.

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge. | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|----------------------|-----------|
| 1941 | | | Ingatestone | 1 m. | S.E. | Fryerning | 300 yds. | W. |

BRITISH RAINFALL ORGANIZATION

1916-1950, P - accepted

144-100 WL 47524-647X 12,000 3/40 U.S. 700 1910-19 1920-30 1921-30 1922-30