

RAINFALL AT *Meldreth Chickadee Farm*

Lat.

Lon.

County of *Cambridge*

Observer *A. Howard Esq.*

Rain Gauge, by

Observer *A. Howard Esq.*

H. W. Allen Esq. & Co.

case - 2.

| | | | | | | | | | | | |
|--------------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | | | | | 5 | | | | | | |
| Height | | | | | 1 | 1 | | | | | |
| Altitude .. | | | | | 70 | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | | | | | 1.52 | 1.08 | 2.56 | 1.16 | .71 | .67 | |
| February .. | | | | | 2.15 | 1.29 | 1.85 | 1.29 | 1.01 | .29 | |
| March | | | | | 1.25 | 2.12 | 1.88 | .69 | 2.39 | 2.93 | |
| April | | | | | .73 | 1.51 | .80 | 2.70 | 2.77 | 1.51 | |
| May | | | | | 1.30 | 1.05 | 1.15 | 3.18 | 1.31 | 1.24 | |
| June | | | | | .80 | 3.08 | 3.27 | 1.64 | 1.14 | 4.36 | |
| July | | | | | 3.51 | 1.09 | .61 | 2.46 | 2.89 | 2.89 | |
| August | | | | | 1.97 | 2.60 | 1.13 | 2.27 | 1.96 | 1.98 | |
| September .. | | | | | 1.05 | 1.53 | .79 | .79 | 1.12 | 2.03 | |
| October | | | | | 1.10 | 1.12 | 3.04 | 2.45 | 1.40 | 3.65 | |
| November .. | | | | | 1.26 | 1.72 | 3.48 | 1.96 | .87 | .64 | |
| December .. | | | | | 1.35 | .66 | 2.44 | 2.66 | 1.39 | 2.67 | |
| TOTALS .. | | | | | 17.99 | 18.85 | 23.00 | 23.25 | 18.96 | 24.86 | |

1907 Meldreth Church 1 mile N
 " Station 1/4 " E
 Box hedge 13 ft high 21 ft S

RAINFALL at Meldreth Guiswick FarmCounty of CambridgeshireObserver A. Howard EsqRiver Basin Once 2

Rain Gauge, by _____

| | | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter ... | 5 | | | | | | | | | | | |
| Height | 1 | 1 | | | | | | | | | | |
| Altitude ... | 70 | T | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 1.48 | 1.38 | 2.91 | 2.23 | 1.02 | 3.76 | .76 | 1.41 | 1.97 | 3.24 | 2.016 | |
| February ... | 1.96 | .98 | 1.14 | .68 | 1.42 | 2.01 | 4.02 | .58 | .70 | 2.63 | 1.612 | |
| March | .85 | 2.04 | 2.46 | 1.94 | 3.27 | 2.01 | 3.48 | 1.44 | .60 | 2.10 | 2.019 | |
| April | 2.51 | 1.05 | .16 | 1.67 | .85 | .91 | 1.21 | 1.50 | 3.19 | 2.54 | 1.559 | |
| May | 3.04 | 1.51 | 1.77 | 1.62 | 1.14 | 1.75 | 2.66 | 2.37 | 1.73 | .41 | 1.800 | |
| June | 1.22 | 2.30 | 3.08 | 1.88 | 1.98 | 1.06 | 1.57 | 2.60 | .58 | 1.14 | 1.736 | |
| July | 1.75 | .50 | 1.34 | 1.59 | 3.00 | 2.93 | 1.07 | 5.38 | 1.86 | 2.56 | 2.198 | |
| August | 1.64 | 1.10 | 5.72 | 1.17 | .92 | 3.67 | 2.91 | 3.81 | .62 | 2.14 | 2.370 | |
| September .. | 1.11 | 1.14 | 1.91 | 1.82 | .74 | .85 | .85 | 1.42 | 6.14 | .79 | 1.677 | |
| October ... | 2.60 | 2.19 | 1.67 | 3.46 | 1.85 | 1.19 | 2.19 | 3.01 | 1.12 | .61 | 1.989 | |
| November .. | 2.63 | 2.59 | 1.81 | 1.85 | 2.48 | 1.98 | 2.87 | 1.49 | 1.68 | 1.53 | 2.091 | |
| December ... | 3.58 | 3.63 | 2.21 | .96 | 5.48 | 3.33 | 2.21 | .71 | 1.58 | 3.30 | 2.729 | |
| TOTALS ... | 24.37 | 20.41 | 26.18 | 20.67 | 24.15 | 25.45 | 25.80 | 25.72 | 22.02 | 22.99 | 23.796 | |
| | D | D | D | D | D | D | D | D | D | D | | |

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|----------|-----------|------------|
| 1919. | | | Meldreth | 400 yds | E | Meldreth | 1 mi | N.E. |

RAINFALL at Meldreth (Chirich Farm)County of CambridgeObserver Det. Howard, Esq.River Basin One - 2

M.O. Rain Gauge, by

An. Av. 22-92

31 yrs

1920-51 ex 1948 1949
No record 1947

| Diameter ... | 5 | 5 | | | | | | | 5 | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Height | 1.1 | 1.1 | | | | | | | 1.1 | | |
| Altitude ... | 70 | 71 | | | | | | | 70 | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | Mean. 1920. |
| January ... | 2.04 | 2.29 | 1.93 | 1.19 | 2.33 | 1.07 | 2.05 | 2.31 | 2.93 | 1.34 | 2.06 |
| February ... | 2.28 | 2.27 | 1.51 | 2.52 | .72 | 2.68 | 2.41 | 3.05 | 1.30 | .57 | .54 |
| March | 1.31 | 1.23 | 1.36 | 1.81 | .71 | 1.30 | .22 | 2.19 | 1.33 | .07 | 1.55 |
| April | 2.06 | 1.23 | 2.64 | 1.39 | 2.41 | 1.72 | 2.78 | 1.79 | .94 | 1.62 | 1.84 |
| May | 1.80 | .89 | 1.18 | 1.23 | 3.90 | 2.46 | 2.68 | .84 | 1.74 | 1.47 | 2.51 |
| June | 1.29 | .56 | .85 | .72 | 1.82 | .29 | 2.40 | 2.17 | 2.43 | 1.11 | .91 |
| July | 3.16 | .24 | 4.29 | 2.83 | 4.32 | 2.47 | 2.85 | 2.08 | 2.66 | 2.15 | 2.78 |
| August | .79 | 1.09 | 2.14 | 3.10 | 1.86 | 2.58 | .91 | 2.62 | 2.34 | .96 | 2.29 |
| September... | 1.78 | 1.30 | 2.24 | 2.30 | 2.49 | 2.60 | 2.52 | 3.67 | .59 | .21 | 3.09 |
| October | .71 | .83 | .68 | 3.51 | 3.62 | 3.14 | 2.29 | 1.80 | 2.97 | 3.73 | .98 |
| November... | .53 | 1.66 | 1.03 | 1.24 | 2.50 | 1.62 | 3.32 | 2.39 | 1.67 | 4.39 | 3.92 |
| December... | 1.52 | 1.30 | 1.24 | 2.03 | 2.57 | 1.57 | .36 | 2.17 | 2.22 | 3.64 | 2.25 |
| TOTALS... | 18.29 | 12.89 | 21.09 | 23.92 | 29.25 | 23.30 | 24.79 | 27.08 | 23.12 | 21.26 | 24.72 |

1923. Evergreen hedge 10 ft high 20 ft N.

1925 do. do. 24' S

1929 do. 6 ft - 21' S & E

1930. G. read 9 am winter & summer.

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1919. | | | Meldreth | 400 yds | E. | Meldreth | 1 m. | N. E. |
| 1925 | | | - do - | 1/4 m | SE | - do - | 1 m | N |

RAINFALL at Meldreth (Chiswick Farm)County of CambridgeshireObserver A. A. Howard, Esq.River Basin Ouse - 2Type of Gauge Ny 6. Snowden (1139)Annual Average 22.4 in. based on 31 years obs. un-weighted. Period of average 1881/1915. Ref. Sw 1883
22.42 31 1920-51 ex 1948 1949
No record 1947

| Diameter | 5. | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| Height | 1.1. | | | | | | | | | | | |
| Altitude | 70. | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | |
| January | 1.80 | 1.04 | .92 | 1.30 | 1.84 | 3.08 | 3.53 | 2.53 | 3.80 | 1.72 | 2156 | |
| February | 1.73 | .32 | 1.39 | .42 | 2.01 | 1.95 | 2.91 | .46 | .67 | 1.78 | 1364 | |
| March | .17 | 1.60 | 1.52 | 1.56 | .52 | .65 | 3.24 | .36 | 1.66 | 2.59 | 1387 | |
| April | 3.02 | 2.40 | 1.28 | 1.67 | 3.12 | 1.57 | 2.62 | .31 | 3.18 | 1.57 | 2074 | |
| May | 2.50 | 3.91 | 1.80 | .82 | 1.26 | .83 | 2.67 | 2.32 | 1.33 | 1.41 | 1885 | |
| June | 1.24 | .68 | 3.36 | 1.91 | 2.38 | 3.60 | 2.20 | .45 | 2.03 | .28 | 1813 | |
| July | 3.64 | 1.84 | .84 | 1.70 | 1.06 | 5.51 | 2.10 | 1.22 | 1.27 | 3.78 | 2296 | |
| August | 3.53 | 2.64 | 1.19 | 1.86 | 1.24 | .51 | 1.71 | 1.26 | 3.19 | .15 | 1728 | |
| September | 2.35 | 2.01 | 2.08 | 1.10 | 3.39 | 3.62 | 1.97 | 2.33 | 1.90 | .57 | 2132 | |
| October | .69 | 4.03 | 1.96 | 1.86 | 2.34 | 1.60 | 2.90 | 2.35 | 3.92 | 1.78 | 2333 | |
| November | 2.48 | 1.73 | 1.14 | 1.71 | 3.33 | 2.74 | 1.68 | 2.27 | 3.10 | 6.13 | 2631 | |
| December | .86 | .46 | .44 | 3.04 | 1.84 | 1.61 | 2.64 | 2.70 | 1.08 | 1.48 | 1615 | |
| TOTALS | 24.01 | 22.66 | 17.92 | 18.96 | 24.33 | 27.27 | 30.07 | 18.56 | 27.13 | 23.24 | 2344 | Ky |

1931. Bone hedge 6 ft. high 7 ft. S.E.

1936 Fence 5' high, 15' 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 | | | Meldreth | 1/4 mi. | S.E. | Meldreth | 1 mi. | N. |

Station No. 1191

RAINFALL at Meldreth (Chiswick Farm)

41

County of Cambridgeshire

Observer A. D. Howard Esq. (died Nov 1920)

River Basin Great Ouse

A. T. HOWARD, Esq.

Type of Gauge Snowdon

Annual Average 22.4 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref. S

22.92

31

1920-51
1948 1949

File No. 5789/48

| Diameter | 5" | | | 182 | 595 | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|
| Height | 1' 1" | | | | | | | | | | |
| Altitude | 70' | | | | | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 2.52 | 2.15 | 4.07 | 1.12 | 2.21 | 1.19 | 1.26 | 2.71 | .92 | 1.10 | |
| February | 1.71 | .69 | 1.02 | .98 | 1.39 | 1.83 | 1.79 | .79 | .91 | 3.14 | |
| March | 2.90 | 1.09 | .71 | .29 | .66 | 1.30 | 4.09 | .77 | .63 | .43 | |
| April | 1.17 | .85 | .86 | 1.32 | .80 | 1.15 | 1.70 | 1.44 | 1.31 | 1.46 | |
| May | 1.73 | 1.92 | 1.51 | 1.13 | 2.51 | 2.24 | .52 | 2.13 | 1.12 | 2.36 | |
| June | .86 | .53 | 2.65 | 1.20 | 1.22 | 2.98 | 2.09 | 2.62 | .66 | 2.14 | |
| July | 1.98 | 2.55 | .81 | 1.56 | 2.47 | 2.34 | 2.35 | .92 | 3.25 | 5.95 | |
| August | 3.65 | 1.63 | 1.62 | 2.21 | 2.05 | 3.82 | .01 | 2.84 | .82 | 2.27 | |
| September | .77 | 1.19 | 1.13 | 2.92 | 2.32 | 2.52 | .69 | 1.15 | .39 | 2.57 | |
| October | 2.31 | 3.30 | 1.85 | 3.32 | 2.25 | 1.44 | .23 | 1.85 | 2.96 | .99 | |
| November | 2.51 | 2.02 | 1.39 | 2.73 | .37 | 4.30 | | .79 | 1.93 | 3.37 | |
| December | 1.25 | 1.89 | 1.16 | .83 | 2.37 | 1.78 | | 1.87 | 1.54 | .86 | |
| TOTALS | 23.36 | 19.81 | 18.78 | 19.61 | 20.62 | 26.89 | imp | 19.88 | 16.44 | 26.64 | |

Box hedge 6' high 20' S.E. Fence 5' high 15' W.

1948 n.p. low
1949 n.p. low.

1950 low.

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 | | | Meldreth | 1/4 ml | S.E. | Meldreth | 1 ml | N. |

BRITISH RAINFALL ORGANIZATION

Station No. 1191 T 29-9-54RAINFALL at Meldesth (Chiswick Farm)

51

County of CambridgeshireObserver A.T. Howard, Esq.River Basin Ouse - 2Type of Gauge SnowdonAnnual Average 22.4 in. based on 20 years obs. un-weighted. Period of average 1881-1915 Ref. S

22.92

31

" ex 1948 1949 File No. E 7819/48
No Record 1947

| | | | | | | | | | | | | |
|----------------|-----|-------|------|------|------|------|------|------|------|------|------|-------|
| No Record 1947 | | | | | | | | | | | | |
| Diameter | ... | 5" | | | 182 | 595 | | | | | | |
| Height | ... | 1' 1" | | | | | | | | | | |
| Altitude | ... | 70' | | | | | | | | | | |
| Year | ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | ... | 1.93 | | | | | | | | | | |
| February | ... | 3.41 | | | | | | | | | | |
| March | ... | 2.71 | | | | | | | | | | |
| April | ... | 2.68 | | | | | | | | | | |
| May | ... | 2.72 | | | | | | | | | | |
| June | ... | 1.44 | | | | | | | | | | |
| July | ... | 1.06 | | | | | | | | | | |
| August | ... | 4.67 | | | | | | | | | | |
| September | ... | 2.23 | | | | | | | | | | |
| October | ... | 1.37 | | | | | | | | | | |
| November | ... | 3.29 | | | | | | | | | | |
| December | ... | 1.70 | | | | | | | | | | |
| TOTALS | ... | 29.21 | N.R. | N.R. | | | | | | | | |

1951 Box hedge 6', 20' SE; Fence 5', 15' E: Print

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference TL574457

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge. | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|----------------------|-----------|
| 1951 | | | Meldesth | 1/2 | SE | Meldesth | 1 1/2 | N. |

Summary of Earlier Records from 10-year Sheets:

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|------------|---------------|---------|---------|---------|
| | ✓ | ✓ | ✓ | ✓ | ✓ |
| | ✓ but - 19 | ✓ but - 20-24 | ✓ | ✓ | ✓ |