

## RAINFALL at Fulbourn, Cambridgeshire P.S. No 1

County of Cambridgeshire

Observer.

W W Gray Esq CL

River Basin One 2

Snowdon Rain Gauge, by \_\_\_\_\_

| Diameter ... | 5    |      |       |       |       |       |       |       |       |       |        |       |
|--------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| Height ..... | 1.5  |      |       |       |       |       |       |       |       |       |        |       |
| Altitude ... | 99   |      |       |       |       |       |       |       |       |       |        |       |
| Year ...     | 1910 | 1911 | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |       |
| January ...  |      |      | 2.75  | 1.91  | 1.60  | 2.57  | .93   | 1.28  | 2.34  | 2.57  |        |       |
| February ... |      |      | .89   | .54   | 1.26  | 2.09  | 3.29  | .46   | .78   | 2.88  |        | 7.41  |
| March .....  |      |      | 2.28  | 1.04  | 3.18  | 1.08  | 2.90  | 1.86  | .69   | 1.98  |        | 7.43  |
| April .....  |      |      | .16   | 1.40  | .54   | .83   | 1.24  | 1.30  | 2.88  | 2.37  |        | 7.79  |
| May .....    |      |      | .90   | 2.51  | 1.25  | 1.84  | 1.88  | .91   | 1.76  | .45   |        | 5.00  |
| June .....   |      |      | 2.39  | 1.09  | 1.65  | 1.91  | 1.39  | 2.06  | .37   | 1.21  |        | 5.03  |
| July .....   |      |      | 2.63  | 1.24  | 1.22  | 3.41  | 1.40  | 3.02  | 3.78  | 3.94  |        | 12.14 |
| August ..... |      |      | 6.74  | 1.32  | .77   | 2.40  | 2.11  | 3.84  | .84   | 2.08  |        | 8.87  |
| September .. |      |      | 1.79  | 1.26  | .65   | 1.39  | 1.30  | 1.16  | 5.27  | 1.03  |        | 8.76  |
| October ...  |      |      | 2.16  | 3.48  | 1.74  | .92   | 2.35  | 3.60  | 1.84  | .87   |        | 7.86  |
| November ..  |      |      | 2.36  | 1.68  | 1.70  | 2.36  | 2.10  | 2.59  | 1.19  | 1.58  |        | 6.75  |
| December ... |      |      | 3.72  | 2.05  | .64   | 5.18  | 3.11  | 2.18  | .62   | 2.07  |        | 8.53  |
| TOTALS ...   |      |      | 26.42 | 18.43 | 21.40 | 23.95 | 23.56 | 21.30 | 23.70 | 24.13 |        | 92.69 |
|              |      |      | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     |        | 426   |

Non reading on Sunday -

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church.  | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|----------|-----------|------------|
|       |         |       | Fulbourn G.E.R.  | 1.5       | NW         | Fulbourn | 1.45      | NW         |

RAINFALL at Fulbourn & Fleam Dyke No. 11

P.S.M.

County of Cambridge

Observer ~~W. H. Gandy Esq., C.E.~~

River Basin 2 - one.

Philip Portman from 1931

Snowdon (cotton) Rain Gauge, by  
1925 Gandy  
sound & correct  
Gandy glass N+2 correct

Cambridge W.W. Co,

IX.26

| Diameter ... | 5"    | 5"    |       |       |       |       |       |         |       |       |       |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|-------|--------|
| Height ..... | 1.0   | 1.0   |       | 1.5   |       | 1.0   |       |         |       |       |       |        |
| Altitude ... | 99    | 99    |       |       |       |       |       |         |       |       |       |        |
| Year .....   | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927    | 1928  | 1929  |       | 1930.  |
| January ...  | 1.95  | 2.03  | 1.77  | 1.20  | 2.49  | .93   | 1.87  | 1.92    | 2.41  | 1.31  | 1.57  | 17.75  |
| February ... | 3.4   | .31   | 1.15  | 2.15  | .79   | 2.14  | 2.18  | 2.67    | 1.04  | .39   | 1.45  | 13.61  |
| March .....  | 1.40  | .63   | 1.23  | 1.64  | .36   | .74   | .24   | 1.42    | 1.26  | .06   | 1.47  | 10.43  |
| April.....   | 3.04  | 1.34  | 2.06  | 1.03  | 2.38  | 2.09  | 2.53  | 1.42    | .67   | 1.14  | 1.98  | 19.68  |
| May .....    | 2.37  | 1.02  | 1.10  | .95   | 4.32  | 1.98  | 2.09  | .45     | 1.64  | .95   | 2.50  | 19.40  |
| June .....   | 1.40  | .47   | 1.01  | .58   | 1.52  | .69   | 2.29  | 2.55    | 1.92  | .87   | .74   | 13.74  |
| July .....   | 2.16  | .28   | 3.62  | 2.23  | 2.88  | 2.52  | 2.74  | 2.47    | 2.57  | 2.29  | 2.62  | 27.38  |
| August ..... | 1.13  | 1.10  | 1.90  | 3.20  | 2.29  | 1.69  | 1.25  | 2.37    | 1.82  | .57   | 1.34  | 18.66  |
| September... | 1.85  | 1.25  | 2.08  | 2.08  | 2.07  | 2.55  | 2.61  | 3.24    | .56   | .18   | 3.05  | 21.52  |
| October....  | .50   | .83   | .51   | 3.70  | 2.77  | 2.39  | 2.17  | 1.69    | 2.44  | 2.67  | .79   | 20.49  |
| November...  | .41   | 1.45  | 1.00  | 1.33  | 2.48  | 1.50  | 2.96  | 2.14    | 1.40  | 3.72  | 3.47  | 21.86  |
| December...  | 1.86  | .96   | 1.28  | 1.95  | 1.89  | 1.37  | .32   | (1.72)  | 2.28  | 3.56  | 1.84  | 19.03  |
| TOTALS...    | 19.41 | 11.67 | 18.71 | 22.04 | 26.24 | 20.49 | 23.25 | (24.06) | 20.37 | 17.71 | 21.82 | 225.77 |

Inspected 1/2. 20.IX.26. S. in open field, about 50 yds to S. of Pumping Station. The ground slopes down somewhat to the west and south. The gauge is certainly somewhat overexposed.

1927 Dec 8 corr. by check gauge

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 | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1911  |         |       | Fulbourn GER.    | 1.5                 | N.W.      | Fulbourn       | 1.45 N.W.           |

## RAINFALL at Fulbourn &amp; Fleam Dykes P.S. No. 1

County of Cambridgeshire

Observer Cambridge W.W.C.

River Basin River - 2

Type of Gauge M.O. (Cambridge 1923)

Annual Average 3 in. based on 9 years obs. unweighted. Period of average 1881-1915. Ref. 660551/26

ao. W.S. file  
Swansea

| Diameter  | 5"    |       |       |       |       |       |       |       |       |       |       |           | Total, Months |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------|---------------|
| Height    | 1.0.  |       |       |       |       |       |       |       |       |       |       |           |               |
| Altitude  | 99.   |       |       |       |       |       |       |       |       |       |       |           |               |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  |       |           |               |
| January   | 1.55  | .76   | 1.24  | 1.05  | 2.23  | 2.75  | 3.05  | 2.43  | 4.49  | 1.55  | 2110  |           |               |
| February  | 2.00  | .42   | 1.75  | .44   | 1.76  | 2.20  | 2.53  | .57   | .69   | 2.01  | 1437  |           |               |
| March     | .12   | 1.21  | 1.55  | 1.36  | .52   | .52   | 3.05  | .45   | 1.59  | 3.27  | 1363  |           |               |
| April     | 2.85  | 2.06  | 1.18  | 1.81  | 2.45  | 1.43  | 2.55  | .31   | 2.67  | 1.28  | 1859  |           |               |
| May       | 2.66  | 4.13  | 1.76  | .64   | .79   | 1.16  | 2.01  | 1.63  | 1.07  | 1.21  | 1706  |           |               |
| June      | 1.24  | .52   | 2.51  | 1.54  | 2.27  | 3.15  | 1.57  | .60   | 1.75  | .28   | 1543  |           |               |
| July      | 3.49  | 2.25  | .96   | 2.40  | .64   | 5.38  | 1.88  | 1.40  | 2.37  | 3.91  | 2468  |           |               |
| August    | 3.20  | 2.33  | 1.00  | 2.00  | 1.35  | .62   | .86   | 1.58  | 2.90  | .13   | 1597  |           |               |
| September | 2.42  | 2.00  | 1.91  | 1.36  | 4.02  | 3.32  | 2.03  | 3.73  | 2.35  | .44   | 2357  |           |               |
| October   | .54   | 3.61  | 1.87  | 1.63  | 1.59  | 1.64  | 1.86  | 2.36  | 4.13  | 1.44  | 2057  |           |               |
| November  | 2.16  | 1.67  | 1.39  | 1.61  | 2.67  | 2.59  | 1.67  | 1.98  | 2.88  | 5.71  | 2433  |           |               |
| December  | .87   | .40   | .35   | 2.86  | 1.86  | 1.78  | 2.62  | 2.71  | 1.17  | 1.49  | 1611  |           |               |
| TOTALS    | 23.10 | 21.56 | 17.47 | 18.58 | 22.10 | 26.54 | 25.68 | 19.75 | 28.06 | 22.72 | 22541 | KM<br>446 |               |

1931. Pumping Station about 35 ft. high.

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  |         |       | Fulbourn         | 1 mi.<br>3 mi.      |           | Fulbourn       |                     |

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 1197

## RAINFALL at Fulbourn (Fleam Dyke) P.S.B. No. 1

41

County of Cambridgeshire

Observer Cambridge W.W.C.

River Basin Ouse - 2

Type of Gauge M.O.

Annual Average 23.2 in. based on 9 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.

File No. 660557/26

| Diameter  | 5"    |       |       | 183   | 928   |       |       |       |       |       |       |        |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height    | 1' 0" |       |       |       |       |       |       |       |       |       |       |        |
| Altitude  | 99'   |       |       |       |       |       |       |       |       |       |       |        |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  | 1948  | 1949  | 1950  | Means | Total  |
| January   | 2.23  | 2.15  | 4.01  | 1.15  | 2.06  | 1.07  | 1.54  | 3.06  | .33   | 1.03  |       | 19.13  |
| February  | 1.83  | 1.65  | .75   | .90   | 1.18  | 1.59  | 1.50  | .74   | .54   | 2.57  |       | 13.15  |
| March     | 3.01  | 1.04  | 4.42  | .50   | .84   | 1.33  | 3.93  | .69   | .64   | .35   |       | 12.75  |
| April     | .94   | .86   | .95   | 1.31  | .82   | 1.29  | 1.52  | 1.14  | 1.37  | 1.45  |       | 11.65  |
| May       | 2.02  | 2.10  | 1.32  | 1.04  | 1.42  | 1.91  | .51   | 2.50  | 1.73  | 2.62  |       | 17.17  |
| June      | .60   | .68   | 2.26  | 1.08  | 1.32  | 2.02  | 2.43  | 1.93  | .73   | .98   |       | 14.03  |
| July      | 1.95  | 3.44  | .70   | 1.71  | 1.42  | 3.55  | 1.73  | 1.15  | 1.26  | 4.05  |       | 20.96  |
| August    | 4.36  | 1.18  | 1.18  | 2.16  | 1.55  | 2.97  | .30   | 4.96  | 1.00  | 2.56  |       | 22.22  |
| September | .51   | 1.76  | 1.20  | 2.45  | 2.75  | 2.61  | 1.05  | 1.44  | .39   | 2.27  |       | 16.43  |
| October   | 2.02  | 3.84  | 1.55  | 2.80  | 1.84  | 1.19  | .23   | 1.57  | 3.44  | .17   |       | 18.65  |
| November  | 2.24  | 2.03  | 1.29  | 2.67  | .33   | 3.47  | 1.23  | .91   | 1.80  | 3.48  |       | 19.45  |
| December  | .04   | 2.02  | 1.29  | .75   | 2.28  | 2.02  | 2.55  | 1.14  | 1.15  | 1.21  |       | 15.45  |
| TOTALS    | 22.75 | 22.65 | 16.92 | 18.52 | 17.81 | 25.02 | 18.52 | 21.23 | 14.88 | 22.74 |       | 201.04 |

45 H. values taken from percolation record

A

Position of Station on reduced Ordnance Survey Map, No. of Map  
1 mile to 1 inch Series Reference No.  
1916-1950 P

Leyton Woods

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

Station No..... 1197

## RAINFALL at Fullerton &amp; Histon Dykes P.S. Sta. No. 1

51

County of Cambridgeshire

Observer Cambridge W.W. Co.

River Basin Ouse - 2

Type of Gauge M.O.

Annual Average 23.0 in. based on 9 years obs. un-weighted. Period of average 1921-1945  
 " 21.40 " " 39 " within 1916-56 " " " 1916-50 " " " File No. 668557/26

Ref. A.W.S.

" S.

| Diameter  | 5"    |       |       |       |      |       |       |       |       |       | Total Means |
|-----------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------------|
| Height    | 1' 0" |       |       |       |      |       |       |       |       |       |             |
| Altitude  | 99'   |       |       |       |      |       |       |       |       |       |             |
| Year      | 1951  | 1952  | 1953  | 1954  | 1955 | 1956  | 1957  | 1958  | 1959  | 1960  |             |
| January   | 1.98  | 1.44  | .99   | 1.01  | 2.07 | 2.31  | .89   | 1.93  | 2.26  | 1.81  | 16.69       |
| February  | 2.93  | .64   | 1.38  | 1.97  | 1.83 | .69   | 1.40  | 2.74  | .12   | 1.08  | 14.78       |
| March     | 3.06  | 3.13  | .46   | 1.93  | 1.54 | .40   | .76   | .74   | 1.77  | 1.31  | 15.10       |
| April     | 3.06  | .97   | 1.95  | .89   | .39  | .82   | .14   | 1.04  | 1.80  | .39   | 10.95       |
| May       | 2.07  | 1.66  | 1.27  | 2.92  | 1.74 | .70   | .51   | 2.48  | .46   | .76   | 14.57       |
| June      | 1.11  | 1.45  | 2.60  | 1.64  | 1.94 | 1.52  | 1.79  | 5.60  | 1.49  | 1.87  | 21.07       |
| July      | 1.33  | .46   | 1.96  | 2.70  | .21  | 2.30  | 2.74  | 2.76  | 5.09  | 3.59  | 23.14       |
| August    | 3.01  | 4.53  | 1.87  | 3.71  | .84  | 3.05  | 2.13  | 2.12  | 1.54  | 2.61  | 25.41       |
| September | 2.00  | 2.54  | 1.37  | 1.47  | 2.21 | 1.11  | 3.40  | 2.53  | .60   | 4.71  | 21.44       |
| October   | .91   | 1.66  | 2.17  | 1.51  | 2.80 | .96   | 1.84  | 2.04  | 1.63  | 4.05  | 19.56       |
| November  | 2.74  | 2.80  | 1.33  | 2.58  | .78  | .87   | 1.67  | 1.48  | 1.64  | 3.11  | 19.00       |
| December  | 1.23  | 1.98  | .65   | 1.43  | 1.24 | 1.65  | 1.87  | 2.39  | 3.14  | 3.03  | 18.61       |
| TOTALS    | 25.43 | 23.26 | 18.00 | 23.26 | 1759 | 16.37 | 19.14 | 27.91 | 21.04 | 28.32 | 220.32      |
|           | D     | D     | D     | D     | D    | NP    | D     | D     | D     | D     |             |

1956:- N.P. gauge leaking.

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference T 462540.579

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|----------------|----------------------|
|       |         |       |                  |                     |                |                      |

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

|                | 1910-19        | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|----------------|----------------|---------|---------|---------|---------|
| Record D, or d | C. 1911 ✓<br>✓ | ✓<br>✓  | ✓<br>✓  | ✓<br>✓  | ✓<br>✓  |