

RAINFALL at Great Yeldham The Oak HouseCounty of EssexObserver G. A. Goodchild EsqRiver Basin Colne + c 5Snoddon Rain Gauge, by

|              |      |      |       |       |       |       |       |       |       |       |        |        |
|--------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Diameter ... |      |      | 5     |       |       |       |       |       |       |       |        |        |
| Height ..... |      |      | 1 6   |       |       |       |       |       | 2.6   |       |        |        |
| Altitude ... |      |      | 150   |       |       |       |       |       |       | 200   |        |        |
| Year ...     | 1910 | 1911 | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. | Total  |
| January ...  |      |      | 3.04  | 2.38  | 1.52  | 2.55  | 1.11  | 1.44  | 2.41  | 2.44  |        | 7.40   |
| February ... |      |      | 1.14  | .61   | 1.94  | 2.37  | 3.24  | .68   | .50   | 2.64  |        | 7.06   |
| March .....  |      |      | 3.02  | 1.62  | 3.86  | 1.27  | 2.11  | 1.45  | .81   | 2.27  |        | 7.64   |
| April .....  |      |      | .19   | 1.76  | .79   | .54   | 1.58  | 1.24  | 2.24  | 3.26  |        | 8.32   |
| May .....    |      |      | .90   | 2.03  | 1.23  | 1.79  | 1.79  | .94   | 1.65  | .36   |        | 4.74   |
| June .....   |      |      | 1.66  | 1.24  | 1.64  | .59   | 2.47  | 1.16  | 1.02  | 1.17  |        | 5.82   |
| July .....   |      |      | 1.20  | 1.44  | 2.28  | 3.44  | 1.08  | 2.64  | 5.12  | 2.97  |        | 11.81  |
| August ..... |      |      | 5.73  | .35   | .70   | 2.77  | 3.93  | 5.80  | .95   | 2.19  |        | 12.87  |
| September .. |      |      | 2.72  | 1.38  | .98   | 1.54  | 1.52  | 1.24  | 3.51  | .81   |        | 7.08   |
| October ...  |      |      | 1.69  | 2.93  | 1.52  | 1.42  | 3.72  | 4.00  | 2.14  | .74   |        | 10.60  |
| November ..  |      |      | 1.92  | 2.02  | 2.22  | 2.14  | 3.42  | 1.59  | 1.87  | 2.28  |        | 9.16   |
| December ... |      |      | 1.98  | .81   | 5.75  | 4.34  | 2.81  | .81   | 2.45  | 3.53  |        | 9.60   |
| TOTALS ...   |      |      | 25.19 | 18.57 | 24.43 | 24.76 | 29.78 | 22.99 | 24.67 | 24.66 |        | 102.11 |

1912 Free

20 yds E

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
|       |         |       | Yeldham          | 1/4 m     | SE         | Yeldham | 1/6 m     | W.N.W      |

RAINFALL at *St. Yeldham, The Oak House*County of *Essex*Observer *G. Goodchild*River Basin *Coburn*Rain Gauge, by *H.O. 1930*

| Diameter ...  | 5     |       |       |       |       |       |       |       |       |       |              |        |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|--------|
| Height .....  | 2 6   | 2 0   | 2 0   |       |       |       |       |       | 1 6   | 1 0   | 2 0          |        |
| Altitude ...  | 200   |       |       |       |       |       |       |       |       |       |              |        |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | MEAN<br>1930 | TOTALS |
| January ...   | 2.30  | 2.03  | 3.39  | 1.45  | 2.37  | 1.05  | 2.23  | 1.12  | 3.21  | 1.76  | 1.86         | 22.77  |
| February ...  | .56   | .16   | 1.67  | 2.76  | 1.06  | 2.69  | 2.38  | 3.13  | 1.23  | .57   | .62          | 16.83  |
| March .....   | 1.63  | .86   | 1.72  | 1.46  | .50   | 1.20  | .14   | 1.68  | 2.07  | .06   | 1.55         | 12.87  |
| April .....   | 3.66  | 1.67  | 2.81  | 1.30  | 2.43  | 1.97  | 3.02  | 2.05  | 1.02  | 1.43  | 1.68         | 23.04  |
| May .....     | 1.38  | 1.13  | 1.27  | 1.10  | 4.43  | 2.77  | 1.38  | .86   | 1.60  | 1.27  | 2.82         | 17.91  |
| June .....    | 1.13  | .28   | 1.19  | .52   | 2.37  | .60   | 2.56  | 3.12  | 2.22  | 1.08  | 1.12         | 16.17  |
| July .....    | 3.58  | .28   | 4.35  | 1.67  | 2.91  | 2.60  | 3.35  | 2.84  | 2.35  | 2.26  | 3.42         | 27.61  |
| August .....  | 1.15  | 1.75  | 2.04  | 2.02  | 2.13  | 2.89  | 1.55  | 2.69  | 2.15  | 1.20  | 2.65         | 22.22  |
| September...  | 2.27  | 1.57  | 2.54  | 2.31  | 3.38  | 2.83  | 1.41  | 4.09  | .85   | .53   | 3.93         | 25.71  |
| October ..... | .79   | 1.34  | .92   | 4.50  | 4.40  | 2.62  | 2.40  | 1.89  | 2.92  | 3.12  | 1.14         | 26.26  |
| November...   | .55   | 1.51  | 1.20  | 2.05  | 2.99  | 2.07  | 3.38  | 2.32  | 1.79  | 4.05  | 3.32         | 25.23  |
| December...   | 2.45  | 1.42  | 1.72  | 2.38  | 2.27  | 1.70  | .49   | 2.92  | 2.45  | 4.85  | 2.46         | 25.11  |
| TOTALS...     | 21.35 | 14.00 | 24.82 | 23.52 | 31.24 | 24.99 | 24.29 | 28.71 | 23.86 | 22.18 | 26.57        | 265.53 |

1920. Trees removed.  
 1923. Gauge moved Sept. 20<sup>th</sup> 4 miles N.W. Trees 20' high 20 yds encircled.  
 1927. Trees 30' high 60' all round.  
 1930. Trees 10' high 20' encircling.

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 | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1930  |         |       | Yeldham          | 4 1/2               | SE        | Yeldham        | 4 1/2               | NW        |

RAINFALL at Great Yeldham HallCounty of Essex Observer G. A. Goodchild, Esq.River Basin Colne & C - SType of Gauge M.O. (Glasgow 1925)Annual Average 23.1 in. based on 22 years obs. ~~un~~-weighted. Period of average 1981-1915 Ref. P.B.379

89654.1/29

| Diameter  | 5.    | 5     |       |       |       |       |       |       |       |       |        |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|
| Height    | 1.6   | 1     | 6     |       |       |       |       |       |       |       |        |       |
| Altitude  | 220   | 200   |       |       |       |       |       |       |       |       |        |       |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Totals | Means |
| January   | 1.63  | .99   | 1.51  | 1.25  | 2.46  | 3.86  | 4.06  | 2.59  | 5.07  | 1.59  | 2506   |       |
| February  | 2.21  | .38   | 1.23  | .29   | 2.29  | 2.18  | 2.55  | .49   | .76   | 1.76  | 1414   |       |
| March     | .12   | 1.10  | 2.09  | 2.34  | .56   | .72   | 2.95  | .38   | 1.63  | 2.96  | 1485   |       |
| April     | 2.76  | 1.74  | 1.08  | 1.72  | 2.79  | 1.42  | 3.18  | .29   | 2.31  | 2.08  | 1937   |       |
| May       | 2.86  | 3.74  | 1.24  | .59   | 1.79  | .91   | 2.51  | 1.38  | 1.05  | 2.20  | 1827   |       |
| June      | 1.73  | .54   | 2.12  | 1.55  | 2.38  | 3.13  | 1.69  | .51   | 1.92  | .33   | 1590   |       |
| July      | 3.44  | 2.33  | 2.25  | 1.57  | .44   | 3.28  | 1.34  | 1.06  | 2.38  | 3.50  | 2159   |       |
| August    | 3.34  | 1.40  | 1.10  | 1.80  | 1.32  | .55   | 1.03  | 1.48  | 2.74  | .17   | 1493   |       |
| September | 1.60  | 1.49  | 2.37  | 1.26  | 2.59  | 1.79  | 1.44  | 1.39  | 1.38  | .63   | 1594   |       |
| October   | .70   | 5.09  | 2.09  | 1.40  | 2.21  | 1.70  | 2.00  | 2.61  | 4.89  | 1.98  | 2467   |       |
| November  | 1.81  | 1.73  | 1.16  | 1.65  | 3.76  | 3.06  | 1.42  | 2.30  | 3.72  | 6.43  | 2704   |       |
| December  | .82   | .40   | .52   | 3.42  | 2.56  | 1.74  | 2.97  | 2.76  | 1.08  | 1.57  | 1784   |       |
| TOTALS    | 23.07 | 20.93 | 18.76 | 18.84 | 25.15 | 24.34 | 27.14 | 17.24 | 28.93 | 25.20 | 22968  |       |

1931. Trees 10' high 20 yds encircling.

1934. Tree 20' " 10' " S N.W.

1935 Trees 18' high 20 yds encircling it.

Monthly cards commencing 1942

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 from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1931. |         |       | Gt Yeldham       | 1/2 mile            | SE                   | Gt. Yeldham    | 80 yds              | NW                   |



Station No. M 1326

RAINFALL at

St. Yaldham Hall.

41

County of

SSEX

Observer

G. A. Goodchild, Esq.

River Basin

Colne - 5

Type of Gauge

M.O. ?Annual Average 23.1 in. based on 22 years obs. un-weighted. Period of average 1881-1915 Ref. PB 379

File No.

846541/29

| Diameter  | 5"    |       |       | 228   | 276   |       |       |       |       |       |       |        |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height    | 1' 6" |       |       |       |       |       |       |       |       |       |       |        |
| Altitude  | 200'  |       |       |       |       |       | 80'   |       |       |       |       |        |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  | 1948  | 1949  | 1950  | Means | Totals |
| January   | 1.95  | 2.57  | 4.17  | 1.54  | 1.87  | 1.42  | 1.68  | 3.19  | 1.02  | 1.22  |       | 20.63  |
| February  | 2.03  | 1.20  | .90   | 1.10  | 1.27  | 1.81  | 1.50  | 1.14  | 1.22  | 2.83  |       | 15.00  |
| March     | 3.33  | 1.58  | .47   | .62   | .94   | 1.23  | 4.31  | .86   | .79   | .49   |       | 14.62  |
| April     | 1.14  | .84   | .96   | 1.26  | 1.08  | .89   | 1.53  | 2.03  | 1.58  | 1.57  |       | 12.88  |
| May       | 1.76  | 1.91  | 1.06  | 1.00  | 3.24  | 1.20  | .66   | 3.17  | 1.71  | 1.58  |       | 17.29  |
| June      | .67   | .34   | 1.48  | 1.73  | 1.75  | 2.30  | 3.12  | 1.77  | .82   | 1.33  |       | 15.31  |
| July      | 2.34  | 2.35  | 1.21  | 2.42  | 1.64  | 5.57  | 3.18  | 1.27  | .64   | 3.24  |       | 23.86  |
| August    | 3.59  | 1.97  | 1.16  | 1.87  | 1.73  | 3.33  | .36   | 3.53  | 1.28  | 1.59  |       | 20.41  |
| September | .43   | 1.95  | 1.64  | 3.46  | 2.97  | 3.03  | 1.24  | 1.28  | .68   | 3.18  |       | 19.86  |
| October   | 2.16  | 3.79  | 1.49  | 3.27  | 2.38  | 1.68  | .18   | 1.70  | 5.06  | .41   |       | 22.12  |
| November  | 2.12  | 2.20  | 1.59  | 3.00  | .53   | 2.99  | 1.14  | 1.38  | 2.01  | 3.48  |       | 20.44  |
| December  | 1.21  | 2.66  | 1.47  | 1.16  | 3.04  | 2.20  | 2.76  | 1.66  | 1.50  | 1.58  |       | 19.24  |
| TOTALS    | 22.73 | 23.36 | 17.60 | 22.43 | 22.44 | 27.65 | 21.66 | 22.98 | 18.31 | 22.50 |       | 221.66 |

1947 altitude corrected by observer.

1950 Trees 10' high 20yds.

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
|       |         |       |                  |                     |                      |                |                      |                       |

BRITISH RAINFALL ORGANIZATION

Station No. 1326

M

RAINFALL at Gt. Yaldham Hall (The Oak House) w.e.f. 22.10.58 51County of EssexObserver E.A. Goodchild Esq. w.e.f. 13.11.1958River Basin Colne & C.5Type of Gauge M.O.Annual Average 23.1 in. based on 22 years obs. w.e.f. 1916-1950 Period of average 1881-1915 Ref P.B. 379File No. 89654129 P

| Diameter ...  | 5"    |       |       | 228   | 276   |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height ...    | 1' 6" |       |       |       |       |       |       |       |       |       |       |
| Altitude ...  | 80'   |       |       |       |       |       |       | 165   |       |       |       |
| Year ...      | 1951  | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958  | 1959  | 1960  | Means |
| January ...   | 1.82  | 2.09  | .93   | 1.37  | 2.16  | 3.01  | 1.18  | 1.95  | 2.05  | 2.02  | 18.48 |
| February ...  | 3.87  | .63   | 1.02  | 1.91  | 1.97  | .70   | 2.04  | 2.64  | .11   | 1.14  | 16.03 |
| March ...     | 3.05  | 3.02  | .33   | 2.21  | 1.44  | .61   | 1.20  | .78   | 1.62  | 1.72  | 15.98 |
| April ...     | 2.80  | 1.34  | 2.02  | .36   | .27   | .95   | .20   | .85   | 2.03  | .51   | 11.33 |
| May ...       | 2.83  | .64   | 1.43  | 2.17  | 2.75  | .52   | .81   | 1.98  | .36   | .90   | 14.39 |
| June ...      | .97   | 1.78  | 2.82  | 2.97  | 2.12  | 1.72  | 1.80  | 4.43  | 2.49  | 1.10  | 22.20 |
| July ...      | 1.10  | .81   | 2.85  | 2.83  | .45   | 2.62  | 2.55  | 2.75  | 2.30  | 3.14  | 21.30 |
| August ...    | 2.52  | 2.44  | 1.85  | 3.19  | 1.24  | 4.16  | 2.51  | 4.06  | .53   | 3.19  | 25.69 |
| September ... | 3.63  | 2.66  | 1.77  | 1.23  | 2.02  | 1.41  | 2.69  | 3.51  | .04   | 3.69  | 22.65 |
| October ...   | .68   | 2.01  | 2.71  | 2.02  | 4.26  | 2.28  | 2.08  | 1.92  | 1.80  | 5.64  | 25.40 |
| November ...  | 3.92  | 4.06  | .99   | 3.26  | .52   | .79   | 2.03  | 1.46  | 2.39  | 2.99  | 22.41 |
| December ...  | 1.67  | 2.25  | .73   | 2.13  | 1.77  | 1.96  | 1.63  | 2.72  | 3.75  | 2.76  | 21.37 |
| TOTALS ...    | 28.86 | 23.73 | 19.35 | 25.65 | 20.97 | 20.63 | 20.72 | 29.05 | 19.47 | 28.80 | 237.3 |
|               | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |       |

1951. Trees 10' 20 yds.

22.10.58  
 1450  
 Height should always have been above 150', given of 22.10.58 as 164-165 although the Hall is possibly a few feet lower than the Oak House

760385

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference 57/252186

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|-------------------------------|----------------|--------------------------------|
| 1951  |         |       | Yaldham          | 4 mi SE                       | Gt. Yaldham    | 80 yd NW                       |

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 |
|----------------|-----------|-----------|---------|---------|---------|
|                | C12       | ✓         | ✓       | ✓       | ✓       |
|                | ✓ but -12 | ✓ but -27 | ✓       | ✓       | ✓       |