

# RAINFALL at

*3433* 10  
*Thursk* *Ravensthorpe Manor*

County of *N R Yorkshire*

Observer *F.E. Walker Esq*

River Basin *Once Swale 2*

*Copperhorden* Rain Gauge, by *No 3*

|              |      |      |      |      |      |       |       |       |       |       |        |
|--------------|------|------|------|------|------|-------|-------|-------|-------|-------|--------|
| Diameter ... |      |      |      |      | 5    |       |       |       |       |       |        |
| Height ..... |      |      |      |      | 17   |       |       |       |       |       |        |
| Altitude ... |      |      |      |      | 661  |       |       |       |       |       |        |
| Year ...     | 1910 | 1911 | 1912 | 1913 | 1914 | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |
| January ...  |      |      |      |      |      | 3.89  | .42   | 4.25  | 2.48  | 3.22  |        |
| February ... |      |      |      |      |      | 3.72  | 2.98  | .82   | 2.06  | 1.08  |        |
| March .....  |      |      |      |      |      | 1.25  | 3.28  | 2.97  | 1.42  | 3.26  |        |
| April .....  |      |      |      |      |      | 1.13  | 1.15  | 1.88  | 1.70  | 1.90  |        |
| May .....    |      |      |      |      |      | 1.31  | 2.27  | .90   | 2.66  | .89   |        |
| June .....   |      |      |      |      |      | .42   | 2.68  | 2.02  | 1.07  | 1.53  |        |
| July .....   |      |      |      |      |      | 4.31  | 2.17  | 1.29  | 3.55  | 2.98  |        |
| August ..... |      |      |      |      |      | 3.75  | 1.76  | 7.93  | 2.41  | 2.47  |        |
| September .. |      |      |      |      | 1.54 | .85   | 2.48  | .98   | 3.48  | 1.43  |        |
| October ...  |      |      |      |      | 2.08 | .96   | 3.66  | 3.18  | 1.76  | 5.64  |        |
| November ..  |      |      |      |      | 2.90 | 2.22  | 2.90  | 2.18  | 1.65  | 2.96  |        |
| December...  |      |      |      |      | 5.52 | 5.35  | 2.41  | 2.04  | 3.77  | 3.25  |        |
| TOTALS ...   |      |      |      |      |      | 29.16 | 28.16 | 30.44 | 30.01 | 30.61 |        |

| Date. | Lat. N.            | Long. W.          | Railway Station. | Distance. | Direction. | Church.                    | Distance.   | Direction. |
|-------|--------------------|-------------------|------------------|-----------|------------|----------------------------|-------------|------------|
|       | <i>54° 16' 1/4</i> | <i>1° 15' 3/4</i> | <i>Thursk</i>    | <i>6m</i> | <i>WSW</i> | <i>Holy Trinity, Bolly</i> | <i>1100</i> | <i>E</i>   |

RAINFALL at Bolton Ravensthorpe ManorCounty of N. B. YorkshireObserver: G. E. Walker Esq.River Basin Cuse-Swale 2Gauge Shedden Rain Gauge, by N.B.  
(Snow-melting chamber)

|               |       |       |       |       |       |       |       |       |       |       |       |      |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Diameter ...  | 5"    |       |       |       |       |       |       |       |       |       |       |      |
| Height .....  | 17    |       |       |       |       |       |       |       |       |       |       |      |
| Altitude ...  | 661   |       |       |       |       |       |       |       |       |       |       |      |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930  | Mean |
| January ...   | 3.28  | 2.52  | 3.96  | 1.57  | 2.08  | 1.78  | 2.71  | 2.33  | 4.18  | 2.97  | 3.69  |      |
| February ...  | .85   | .19   | 2.19  | 4.63  | 1.91  | 3.83  | 1.64  | 1.43  | 1.37  | .94   | 1.07  |      |
| March .....   | 2.19  | .95   | 1.97  | 1.57  | 1.31  | 1.55  | .69   | 2.53  | 2.65  | .23   | 2.75  |      |
| April .....   | 3.02  | 1.21  | 2.09  | 1.66  | 2.03  | 2.95  | .66   | 1.64  | .99   | 1.11  | 4.00  |      |
| May .....     | 2.22  | 1.73  | .80   | 2.73  | 4.65  | 2.91  | 3.00  | 1.74  | 1.27  | 1.57  | 1.49  |      |
| June .....    | 1.69  | .31   | 2.01  | .73   | 2.23  | .17   | 4.69  | 3.58  | 3.85  | 1.86  | 1.98  |      |
| July .....    | 4.90  | 1.20  | 4.83  | 2.76  | 3.27  | 1.98  | 2.41  | 4.54  | .73   | 2.16  | 6.96  |      |
| August .....  | 2.69  | 4.15  | 2.54  | 3.60  | 3.62  | 2.64  | 2.78  | 5.92  | 5.72  | 2.64  | 3.27  |      |
| September...  | 1.34  | 1.16  | 2.61  | 2.81  | 2.57  | 3.10  | 1.67  | 6.39  | .55   | .78   | 5.12  |      |
| October ..... | 2.26  | 1.60  | 1.31  | 2.79  | 4.70  | 2.94  | 2.88  | 2.65  | 3.80  | 2.73  | 2.61  |      |
| November...   | 1.16  | 2.07  | 1.58  | 3.36  | 1.75  | 2.76  | 5.19  | 3.56  | 2.51  | 3.26  | 3.18  |      |
| December...   | 3.85  | 2.25  | 3.85  | 3.17  | 3.53  | 2.92  | 1.06  | 2.15  | 1.54  | 4.26  | 2.76  |      |
| TOTALS...     | 29.44 | 19.34 | 29.74 | 31.38 | 33.65 | 29.53 | 29.38 | 38.46 | 29.16 | 24.51 | 38.88 |      |
|               | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |      |

1927. Dec. Observer states cannot lower g. to 1 ft. - see enclosure 1A file 814678127.

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 |
|-------|------------|------------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1920  | 54° 16' 4" | 1° 15' 34" | Thirsk           | 6 mi                | W 3 W     | Bolton         | 1100 yds            | E         |

RAINFALL at Boltby (Ravensthorpe Manor)County of North Riding Observer F. E. Walker, Esq.River Basin Ouse-Swale-2

Type of Gauge .....

Annual Average 27.4 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. S

314678/27

|           |       |       |       |       |       |       |       |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter  | 5.    |       |       |       |       |       |       |       |       |       |       |
| Height    | 1.7.  |       |       |       |       |       |       |       |       |       |       |
| Altitude  | 661.  |       |       |       |       |       |       |       |       |       |       |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means |
| January   | 2.41  | 1.73  | 2.08  | 2.07  | 2.87  | 3.70  | 2.87  | 3.04  | 4.96  | 2.16  |       |
| February  | 1.84  | .98   | 5.59  | 1.35  | 3.36  | 3.11  | 4.29  | 2.11  | 1.61  | 1.37  |       |
| March     | 1.65  | 2.53  | 2.11  | 3.15  | .84   | 2.00  | 2.77  | .28   | 2.70  | 2.15  |       |
| April     | 4.75  | 1.88  | 1.59  | 3.05  | 2.94  | 1.58  | 2.42  | .29   | 1.27  | 1.62  |       |
| May       | 3.09  | 5.25  | 2.29  | 1.05  | 1.40  | 1.37  | 2.85  | 3.82  | 1.95  | 1.25  |       |
| June      | 4.39  | 1.16  | 1.90  | 1.74  | 3.86  | 3.72  | 1.47  | 2.13  | 2.68  | .60   |       |
| July      | 4.42  | 5.04  | 2.68  | 3.61  | .72   | 4.37  | 1.40  | 2.90  | 4.26  | 5.98  |       |
| August    | 3.56  | 1.75  | .45   | 2.61  | 3.23  | 2.75  | 1.66  | 2.84  | 2.31  | 1.26  |       |
| September | 5.37  | 2.50  | 1.66  | 1.99  | 4.45  | 2.73  | 1.40  | 2.82  | 2.42  | 1.61  |       |
| October   | 1.37  | 3.66  | 4.52  | 3.00  | 3.45  | 1.64  | 2.25  | 3.86  | 4.05  | 3.29  |       |
| November  | 4.72  | 1.72  | 4.16  | 2.44  | 5.37  | 3.38  | 2.74  | 3.21  | 2.41  | 3.80  |       |
| December  | 1.32  | 1.22  | 1.10  | 5.83  | 2.77  | 1.93  | 5.43  | 4.30  | 2.16  | 2.48  |       |
| TOTALS    | 38.89 | 28.92 | 30.13 | 31.89 | 34.96 | 32.28 | 31.85 | 31.60 | 32.78 | 27.57 |       |
|           | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |       |

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 Direction<br>from gauge | Parish Church | Distance Direction<br>from gauge |
|-------|---------|-------|------------------|----------------------------------|---------------|----------------------------------|
| 1931  |         |       | Thirsk           | 6 miles WSW                      | Boltby        | 1100 yds E                       |



Station No. 3433RAINFALL at Bally (Ravensthorpe Manor)

41

County of North RidingObserver F. E. Walker Esq.River Basin Onne - Swale - 2Mrs F. E. Walker

Type of Gauge.....

Annual Average 2.24 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 8114678/27

| Diameter  | 5"    | 255   | 746   |       |       |      |      |      |      |      |       |
|-----------|-------|-------|-------|-------|-------|------|------|------|------|------|-------|
| Height    | 1' 7" |       | 1     |       | 1.6   |      |      |      |      |      |       |
| Altitude  | 661'  |       | 41    |       | 659   |      |      |      |      |      |       |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January   | 2.46  | 3.49  | 3.52  | 1.93  | 5.44  |      |      |      |      |      |       |
| February  | 4.98  | 2.08  | .67   | 2.15  | 1.80  |      |      |      |      |      |       |
| March     | 2.23  | 1.67  | .39   | .79   | 4.6   |      |      |      |      |      |       |
| April     | 1.73  | 1.05  | 1.54  | 2.26  | 1.62  |      |      |      |      |      |       |
| May       | 1.69  | 2.48  | 2.24  | 1.14  | 2.24  |      |      |      |      |      |       |
| June      | .73   | .86   | 1.46  | 2.21  | 3.56  |      |      |      |      |      |       |
| July      | 1.98  | 4.61  | .76   | 2.72  | 1.82  |      |      |      |      |      |       |
| August    | 3.93  | 3.03  | 3.26  | 3.41  | 5.14  |      |      |      |      |      |       |
| September | .72   | 1.98  | 3.67  | 4.42  | 1.76  |      |      |      |      |      |       |
| October   | 3.71  | 2.59  | 1.97  | 2.99  | 2.71  |      |      |      |      |      |       |
| November  | 2.94  | .83   | 3.30  | 3.99  | 50    |      |      |      |      |      |       |
| December  | .53   | 2.30  | 1.20  | 1.80  | 1.86  |      |      |      |      |      |       |
| TOTALS    | 27.63 | 26.97 | 23.97 | 23.81 | 28.91 |      |      |      |      |      |       |

Gauge moved to Thresh (Station No.) Sh. No. 3426/8.

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

Reference No. 480 866

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge. | Direction from gauge. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1942  |         |       | Thresh           | 1/2                 | SW                   | Feltham        | 2 3/8                | SW                    |

BRITISH RAINFALL ORGANIZATION