

RAINFALL at Fanton, Willerby Hold House.County of Yorks. S.R. Observer Major W. F. Wormauld.River Basin E. Coast streams - 14.Rain Gauge, by Deacon

|               |      |      |      |      |      |      |      |      |      |      |        |
|---------------|------|------|------|------|------|------|------|------|------|------|--------|
| Diameter ...  |      |      |      |      |      |      |      |      |      | 5    |        |
| Height .....  |      |      |      |      |      |      |      |      |      | 0.3  |        |
| Altitude..... |      |      |      |      |      |      |      |      |      | 565  |        |
| Year .....    | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January.....  |      |      |      |      |      |      |      |      |      |      |        |
| February ...  |      |      |      |      |      |      |      |      |      |      |        |
| March .....   |      |      |      |      |      |      |      |      |      |      |        |
| April .....   |      |      |      |      |      |      |      |      |      |      |        |
| May .....     |      |      |      |      |      |      |      |      |      |      |        |
| June .....    |      |      |      |      |      |      |      |      |      |      |        |
| July .....    |      |      |      |      |      |      |      |      |      |      |        |
| August .....  |      |      |      |      |      |      |      |      |      | 2.85 |        |
| September...  |      |      |      |      |      |      |      |      |      | 1.16 |        |
| October ..... |      |      |      |      |      |      |      |      |      | 4.95 |        |
| November...   |      |      |      |      |      |      |      |      |      | 3.80 |        |
| December ...  |      |      |      |      |      |      |      |      |      | 3.13 |        |
| TOTALS ...    |      |      |      |      |      |      |      |      |      |      |        |

1919 read. 22.3.21. End. x. 22

Some 40 ft. high 48 ft. E.  
 Below. 40 ft. > 51 ft. S.  
 " 40 ft. , 42 ft. N.

| Date.          | Lat. N. | Long.<br>W | Railway Station. | Distance. | Direction. | Church.  | Distance. | Direction. |
|----------------|---------|------------|------------------|-----------|------------|----------|-----------|------------|
| 54° 10' 0° 57' | Canton  |            |                  | 3         | W          | Willerby | 2 mi      | N.N.W.     |

## RAINFALL at Ganton Millerby Hold

County of E. R. Yorkshire

Observer Major W. F. McDonald

River Basin East Coast Streams 4

Gauge No. Rain Gauge, by  
(120)

Old Gauge

| Diameter ... | 5     |       |       |       |       |       |       |       |       | 1930<br>MEAN |       |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------|-------|
| Height ..... | 0.3   |       |       |       | 0.6   | 0.9   |       |       |       |              |       |
| Altitude ... | 565   |       |       |       |       |       |       |       |       |              |       |
| Year .....   | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929         |       |
| January ...  | 2.97  | 3.13  | 4.24  | 1.42  | 2.64  | 0.94  | 2.63  | 1.56  | 3.76  | 2.21         | 3.14  |
| February ... | 1.04  | 2.24  | 2.17  | 4.06  | 1.44  | 2.28  | 1.48  | 1.38  | 1.65  | 1.01         | 1.32  |
| March .....  | 2.13  | 0.3   | 2.33  | 1.23  | 1.51  | 1.72  | 0.56  | 1.20  | 2.97  | 0.05         | 2.15  |
| April .....  | 4.42  | 1.01  | 1.15  | 1.64  | 1.46  | 2.70  | 1.18  | 2.97  | 0.93  | 1.21         | 2.99  |
| May .....    | 2.01  | 1.84  | 1.16  | 3.27  | 4.18  | 2.53  | 1.63  | 1.21  | 1.31  | 1.36         | .88   |
| June .....   | 0.91  | 2.25  | 2.37  | 1.76  | 1.59  | 0.09  | 4.15  | 3.97  | 3.69  | 1.41         | 1.67  |
| July .....   | 5.95  | 1.34  | 4.27  | 2.72  | 5.10  | 1.77  | 2.95  | 2.69  | 0.77  | 1.27         | 5.21  |
| August ..... | 1.64  | 3.60  | 4.03  | 4.10  | 2.12  | 3.26  | 2.12? | 6.39  | 3.50  | 1.99         | 3.74  |
| September... | 1.66  | 0.89  | 2.30  | 2.21  | 2.44  | 2.95  | 1.03  | 4.32  | 0.61  | 1.31         | 3.85  |
| October..... | 2.48  | 1.65  | 1.90  | 2.13  | 3.39  | 1.84  | 2.82? | 1.85  | 3.97  | 2.00         | 1.76  |
| November...  | 0.85  | 2.77  | 1.51  | 3.84  | 1.77  | 3.92  | 3.14  | 3.01  | 2.89  | 2.47         | 3.18  |
| December...  | 2.67  | 1.62  | 2.73  | 2.93  | 2.15  | 3.58  | 1.10  | 2.07  | 1.04  | 3.89         | 1.44  |
| TOTALS...    | 28.73 | 19.17 | 30.16 | 30.43 | 29.79 | 27.58 | 24.79 | 32.62 | 27.09 | 19.18        | 31.33 |
|              | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2     | 2            | 2     |

1929. Set up re Peaky gauge in lead exposure, elev. 32. See 777426/27.  
 Observer says gauge round but oversheltered. Is putting up monthly  
 Bradford gauge for comparison purposes.

1930 Low n.p.

Terminated at end of 1930. F. 777426/27

N.B. Ejected from Survey as 5° low.

 Position of Station on reduced Ordnance Survey } No. of Map \_\_\_\_\_ Reference No. \_\_\_\_\_  
 Map, 2 miles to 1 inch Series

| Date. | Lat. N. | Long. W. | Railway Station. | Distance<br>from gauge | Direction<br>from gauge | Parish Church. | Distance<br>from gauge | Direction<br>from gauge |
|-------|---------|----------|------------------|------------------------|-------------------------|----------------|------------------------|-------------------------|
| 1920  | 54° 10' | 0° 27'   | Ganton           | 35 mi                  | W.                      |                |                        |                         |

## RAINFALL at Ganton, Witterby Wald.

County of E.R. Yorkshire.

Observer Major W.F. Wormald.

River Basin East Coast Streams 4

Bradford Rain Gauge, by.....

## New Gauge.

|           |  |
|-----------|--|
| Diameter  | 5  |
| Height    | 1 2  |
| Altitude  | 565  |
| Year      | 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930 |
| January   |  |
| February  |  |
| March     |  |
| April     |  |
| May       |  |
| June      |  |
| July      |  |
| August    | 3.75   |
| September | 3.84   |
| October   | 1.84   |
| November  | 4.26   |
| December  | 2.57   |
| TOTALS    | imp  |

1930. House 50' high 43 yds W.  
Poultry house 4½ " 26 yds S.

No. Rejected from Survey as 5° low.

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 from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
|       |         |       |                  |                     |                      |                |                     |                      |
|       |         |       |                  |                     |                      |                |                     |                      |

## RAINFALL at

Ganton (Witterby Ward) N.Y.O. Augt 1939

County of York : E. Riding

Observer Major W. Wormald.

River Basin 4 - East Coast Streams

Type of Gauge Snowdon

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

777426/27

| Diameter  | 5"    |       |       |       |       |       |       |       |        |        |       |  |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|--|
| Height    | 1/2"  |       |       |       |       |       |       |       |        |        |       |  |
| Altitude  | 565'  |       |       |       |       |       |       |       |        |        |       |  |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939   | 1940   | Means |  |
| January   | 2.70  | 1.33  | 1.40  | 1.77  | 2.43  | 2.47  | 4.38  | 2.66  | 3.79   | (1.71) |       |  |
| February  | 2.04  | .66   | 3.51  | 1.25  | 3.09  | 3.08  | 3.32  | .67   | 1.51   | 1.71   |       |  |
| March     | .61   | 2.10  | 1.96  | 2.88  | .41   | 1.20  | 3.30  | .19   | 2.53   | 1.47   |       |  |
| April     | 3.03  | 2.04  | .94   | 2.60  | 2.35  | 1.53  | 3.10  | .19   | 1.28   | 3.14   |       |  |
| May       | 2.35  | 5.90  | 2.20  | .98   | .68   | 2.16  | 4.14  | 3.95  | (4.95) | .65    |       |  |
| June      | 3.24  | .56   | 2.09  | 1.74  | 2.50  | 5.09  | 1.18  | 2.52  | 3.16   | .59    |       |  |
| July      | 3.35  | 1.95  | 1.55  | 1.90  | .39   | 2.73  | 1.89  | 3.22  | 3.70   | 6.70   |       |  |
| August    | 3.10  | 1.81  | .80   | 2.79  | 1.26  | 2.25  | .99   | 4.43  | 1.75   | 1.06   |       |  |
| September | 5.13  | 2.93  | 2.75  | 1.38  | 3.84  | 2.05  | 1.59  | 2.96  | 2.30   | 1.25   |       |  |
| October   | 1.47  | 2.86  | 4.06  | 1.76  | 3.78  | 1.98  | 3.18  | 3.24  | 4.43   | 4.18   |       |  |
| November  | 2.84  | 1.51  | 2.56  | 3.85  | 4.85  | 3.07  | 2.81  | 2.61  | 3.07   | 3.22   |       |  |
| December  | 1.45  | 1.39  | 1.12  | 4.36  | 3.10  | 1.74  | 5.20  | 3.64  | 2.49   | 2.73   |       |  |
| TOTALS    | 31.31 | 25.03 | 24.94 | 27.26 | 28.68 | 31.35 | 35.08 | 30.28 | 31.76  | 28.41  |       |  |
|           | M.     | M.     |       |  |

Cmp 1930.

New Snowdon monthly gauge.

House 50' high 33yds W. Poultry House 43' high 4yds S.

1939 May estimated from nearby stations  
1940 Jan apart cold.

The Committee has supplied an average of 26.7 in. for this station, but this value is not considered satisfactory for inclusion in British Rainfall.

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  |         |       | Ganton           | 4.2 m               | NW        | Witterby       | 2.2 m               |

Station No. 3406/5

41

## RAINFALL at Ganton (W. Hullaby Wold.)

County of Yorks E.R. Observer Major W.F. McDonald

River Basin East Coast Streams +

Type of Gauge Snowdrift

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

Ref.

File No. 777424/27

| Diameter  | 5"    |         | 038   | 711   |        |       |        |       |       |       |       |
|-----------|-------|---------|-------|-------|--------|-------|--------|-------|-------|-------|-------|
| Height    | 1' 2" |         |       | 1     |        |       |        |       |       |       |       |
| Altitude  | 565'  |         |       | 41    |        |       |        |       |       |       |       |
| Year      | 1941  | 1942    | 1943  | 1944  | 1945   | 1946  | 1947   | 1948  | 1949  | 1950  | Means |
| January   | 3.31  | (4.91)  | 3.40  | 1.84  | 3.90   | 1.52  | 2.85   | 5.71  | .86   | 1.20  |       |
| February  | 3.34  | (1.86)  | .29   | 1.94  | 1.56   | 1.85  | (3.00) | .83   | .65   | 2.65  |       |
| March     | 3.19  | (1.01)  | .44   | .41   | .37    | 1.81  | (4.79) | .95   | .87   | 1.09  |       |
| April     | 1.84  | .75     | 1.15  | 1.61  | 1.83   | 1.65  | 2.37   | 1.03  | 1.58  | 2.40  |       |
| May       | 1.63  | 3.19    | 2.18  | .58   | 1.60   | 1.86  | .81    | 1.85  | 1.66  | 2.07  |       |
| June      | .49   | 1.15    | 2.56  | 2.87  | 3.28   | 3.45  | 2.22   | 4.23  | 1.25  | 1.09  |       |
| July      | 2.19  | 2.64    | .78   | 2.34  | .93    | 3.31  | 1.13   | 1.35  | 1.20  | 2.77  |       |
| August    | 3.50  | 1.98    | 3.41  | 2.81  | (3.46) | 3.27  | .23    | 3.43  | 2.16  | 4.82  |       |
| September | .69   | 2.15    | 3.13  | 3.92  | (2.11) | 4.65  | 1.46   | 1.49  | .75   | 2.90  |       |
| October   | 3.72  | 1.85    | 1.66  | 2.65  | 2.55   | 1.53  | .74    | 1.71  | 2.90  | .95   |       |
| November  | 3.24  | 1.03    | 2.39  | 3.61  | 1.50   | 6.06  | 2.20   | .60   | 5.19  | 4.72  |       |
| December  | .48   | 2.06    | 1.26  | 2.67  | 1.15   | 3.26  | 1.73   | 2.39  | 2.35  | 3.82  |       |
| TOTALS    | 27.58 | (24.58) | 22.65 | 27.25 | 24.24  | 31.64 | 23.63  | 25.57 | 21.42 | 29.78 |       |
|           | m     | m       | m     | m     | m      | m     | m      | m     | m     | m     |       |

1942 Jan - March corrected for error

1945 Aug &amp; Sept afforctioned

1947 Feb &amp; Mar. used for snow by observer

1950 no data

70004

00304

30004

Snowdrift gauge M?

\* Mr. Connell has supplied an average of 24.7 ins. for this station but this value is not considered satisfactory in British Rainfall.

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 | Parish Church. | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
|       |         |       |                  |                     |           |                |                     |

Station No. 340615 ✓

51

## RAINFALL at Ganton (Wallerby Wood)

County of East Riding Yorks. Observer Major H. E. Wormald

River Basin East Coast Streams - 4

Type of Gauge Snowdon

Annual Average in. based on years obs. un-weighted. Period of average. Ref. S  
 " 28.41 " 23 " within 1931-54 " 1916-50  
 File No. 777426/27

|               |       |       |       |       |               |       |       |      |      |                               |
|---------------|-------|-------|-------|-------|---------------|-------|-------|------|------|-------------------------------|
| Diameter ...  | 6"    |       | 038   | 711   |               |       |       |      |      | P<br>end<br>of record<br>card |
| Height ...    | 1'2"  |       |       | 1     |               |       |       |      |      |                               |
| Altitude ...  | 565'  |       |       | 51    |               |       |       |      |      |                               |
| Year ...      | 1951  | 1952  | 1953  | 1954  | 1955          | 1956  | 1957  | 1958 | 1959 | 1960 Means                    |
| January ...   | 1.80  | 1.69  | 1.21  | 1.77  | 1.22 (4.58)   | 1.03  | 2.21  | 2.54 |      |                               |
| February ...  | 3.14  | .59   | 2.09  | 3.95  | 1.91 (2.29)   | 2.30  | 4.51  | .25  |      |                               |
| March ...     | 3.41  | 2.01  | .15   | 1.65  | 2.54          | .63   | 1.05  | 1.42 | 1.38 |                               |
| April ...     | 1.14  | 1.07  | 2.36  | .26   | .75           | .62   | .26   | .49  | 2.03 |                               |
| May ...       | 4.54  | 1.55  | 1.71  | 1.56  | 2.00          | .41   | .99   | 2.53 | .33  |                               |
| June ...      | 1.92  | 1.68  | 2.82  | 1.10  | 1.14          | 2.93  | 1.63  | 3.81 | 1.22 |                               |
| July ...      | 1.86  | 1.97  | 2.22  | 1.40  | 1.06          | 3.75  | 4.00  | 2.32 | 2.70 |                               |
| August ...    | 6.31  | 1.66  | 2.81  | 5.44  | .88           | 5.89  | 2.45  | 1.68 | .34  |                               |
| September ... | 1.01  | 5.65  | 1.38  | 1.56  | 1.51          | 1.45  | 3.08  | 1.71 | NR.  |                               |
| October ...   | 1.01  | 3.04  | 2.60  | 3.64  | 2.51          | 1.35  | 2.24  | 1.75 | 3.98 |                               |
| November ...  | 5.82  | 4.86  | 2.30  | 4.92  | 1.59          | .65   | 2.61  | .49  | 3.85 |                               |
| December ...  | 2.33  | 2.13  | .83   | 1.90  | 2.08          | 2.84  | 1.60  | 3.37 | 4.47 |                               |
| TOTALS ...    | 34.29 | 27.90 | 22.48 | 29.15 | 19.19 (26.89) | 23.24 | 26.29 | 2c   |      |                               |
|               | M     | M     | X M   | M     | n.p.          | n.p.  | n.p.  | n.p. | n.p. |                               |

1955 n.p. low. M03 suggested 2.90, May, 3.80, Dec. Obs did not agree.

1956 n.p. low. Jan &amp; Feb. est by obsrvn

30004

1957 n.p. low

1960 Iminated. December went down to carry on.

1958 up low

1957 - up inc

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 5160 12763

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

Summary of Earlier Records from 10-year Sheets :

|                |  | 1910-19 | 1920-30 433 | 1931-40 481 | 1941-50 781 | 1951-60 |
|----------------|--|---------|-------------|-------------|-------------|---------|
| Record D, or d |  |         | C up 1930   | ✓           | ✓ up 50     |         |