

## RAINFALL AT Rotherham

Situwell

Situwell Vale

Lat.

Lon.

County of W York

Snowdon Rain Gauge, by

Observer

G. Howard, Esq.

Read at 0.30 pm. June - Don Y

|              |      |      |      |      |      |      |      |      |      |      |           |
|--------------|------|------|------|------|------|------|------|------|------|------|-----------|
| Diameter ... |      |      |      |      |      |      |      |      |      | 5    |           |
| Height ..... |      |      |      |      |      |      |      |      |      | 10   |           |
| Altitude ... |      |      |      |      |      |      |      |      |      | 300  |           |
| Year ...     | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS.    |
| January ...  |      |      |      |      |      |      |      |      |      |      | 1.17      |
| February ... |      |      |      |      |      |      |      |      |      |      | .61       |
| March .....  |      |      |      |      |      |      |      |      |      |      | 3.57      |
| April .....  |      |      |      |      |      |      |      |      |      |      | 1.47      |
| May .....    |      |      |      |      |      |      |      |      |      |      | 2.46 1.58 |
| June.....    |      |      |      |      |      |      |      |      |      |      | 1.69 4.64 |
| July .....   |      |      |      |      |      |      |      |      |      |      | 2.08 4.47 |
| August ..... |      |      |      |      |      |      |      |      |      |      | 2.09 2.85 |
| September .. |      |      |      |      |      |      |      |      |      |      | 1.82 2.92 |
| October ...  |      |      |      |      |      |      |      |      |      |      | 1.15 2.70 |
| November ... |      |      |      |      |      |      |      |      |      |      | 1.12 .41  |
| December...  |      |      |      |      |      |      |      |      |      |      | 1.01 4.74 |
| TOTALS ...   |      |      |      |      |      |      |      |      |      |      | 31.13     |

1908 Rotherham Church 1/4 miles N.W.

Westgate Station 1/4 - NW

Fossebury Brook 4 ft high 1 ft E

## RAINFALL at Rotherham Sitwell Vale

County of W.R. Yorkshire

Observer Mr G. Howard

River Basin Ouse - Don 7

Snowdon Rain Gauge, by N + 3

| Diameter ... | 5     |       |       |       |       |       |       |       |       |       |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ..... | 1.0   |       |       |       |       |       |       |       |       |       |        |
| Altitude ... | 300 T |       |       |       |       |       |       |       |       |       |        |
| Year ...     | 1910  | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |
| January ...  | 2.30  | 1.12  | 4.53  | 2.91  | 1.15  | 2.52  | .78   | 2.32  | 1.59  | 3.87  |        |
| February ... | 2.81  | 1.47  | 1.80  | .99   | 1.23  | 3.08  | 4.22  | .60   | 1.63  | 2.83  |        |
| March .....  | .64   | .97   | 2.99  | 2.85  | 1.84  | .88   | 4.97  | 1.85  | 1.12  | 3.99  |        |
| April .....  | 2.32  | .85   | .12   | 3.12  | 1.01  | .90   | .72   | 1.66  | 1.44  | 1.50  |        |
| May .....    | 2.64  | 1.18  | 3.74  | 1.89  | 1.54  | 1.78  | 2.43  | 1.88  | 2.34  | 1.00  |        |
| June .....   | 3.43  | 2.67  | 4.67  | .54   | 2.53  | 2.07  | 1.23  | 1.92  | .58   | .88   |        |
| July .....   | 2.92  | .15   | 6.06  | 1.43  | 3.08  | 4.36  | 1.48  | .76   | 3.38  | 3.67  |        |
| August ..... | 3.58  | 2.00  | 5.78  | 2.45  | 1.64  | 2.24  | 1.79  | 4.43  | 1.62  | 2.99  |        |
| September .. | .33   | 1.96  | 1.40  | 2.96  | 1.43  | .79   | 1.20  | .69   | 6.17  | 2.47  |        |
| October ...  | 2.22  | 2.01  | 2.69  | 3.97  | 2.35  | 1.44  | 2.26  | 2.61  | 1.13  | 3.08  |        |
| November ... | 4.00  | 3.21  | 2.08  | 2.12  | 2.56  | 2.81  | 3.32  | .92   | 1.22  | 1.61  |        |
| December ... | 4.36  | 4.87  | 2.70  | 1.36  | 4.80  | 6.24  | 2.39  | 1.42  | 2.75  | 5.53  |        |
| TOTALS ...   | 31.55 | 22.56 | 38.56 | 26.57 | 25.16 | 29.11 | 26.79 | 21.06 | 24.97 | 30.65 |        |
|              | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |        |

Read at 0.30 Km.  
 1912 Force + High S. E.  
 1914 Banks 3. 7. E  
 1919 Boundary Banks after 7. S. E

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church.            | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|--------------------|-----------|------------|
|       | 53.26   | 1.21. | Middlewichgate   | 1/4 m     | NW         | Rotherham (Parish) | 1/4 m     | NW         |

## RAINFALL at Rotherham Silsby Vale

County of N. R. Yorkshire

Observer Dr G. Howard Esq.

River Basin Ouse-Don 7

On Snowdonia Rain Gauge, by Netty.  
5000  
2000  
2000  
2000

Is in good condition

Glass N+2, not tested.

| Diameter ... | 5"     |       |       |       |       |       |       |       |       |       |       |      |
|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| Height ..... | 1      | 0     |       |       |       |       |       |       |       |       |       |      |
| Altitude ... | 300    |       |       |       |       |       |       |       |       |       |       |      |
| Year .....   | 1920   | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | 1930  | MEAN |
| January ...  | 2.98   | 2.06  | 3.59  | 1.69  | 1.68  | 2.31  | 2.44  | 1.37  | 4.29  | 1.52  | 3.80  |      |
| February ... | 2.60   | .22   | 2.76  | 4.77  | 1.14  | 3.36  | 1.43  | 1.42  | 2.77  | .83   | .78   |      |
| March .....  | 1.91   | .99   | 1.47  | 1.48  | 1.04  | .67   | .72   | 2.32  | 2.45  | .08   | 2.57  |      |
| April .....  | 4.43   | .77   | 3.55  | 2.04  | 1.57  | 2.45  | 1.44  | 1.91  | .93   | .95   | 2.98  |      |
| May .....    | 3.17   | 1.24  | .63   | 2.79  | 3.57  | 3.37  | 2.43  | 1.20  | 1.79  | 1.22  | 1.76  |      |
| June .....   | 2.59   | .42   | .97   | 1.64  | 1.84  | .11   | 3.14  | 2.87  | 3.06  | 1.16  | .56   |      |
| July .....   | 3.83   | .34   | 2.94  | 6.28  | 2.01  | .89   | 2.29  | 2.57  | .53   | .93   | 6.14  |      |
| August ..... | 74.459 | 6.14  | 2.46  | 2.55  | 2.57  | 3.37  | 5.55  | 2.33  | 1.61  | 2.65  |       |      |
| September... | 1.25   | .61   | 2.16  | 1.84  | 2.81  | 2.31  | 1.03  | 3.75  | .21   | 1.39  | 3.93  |      |
| October..... | 2.02   | 1.59  | 1.13  | 1.50  | 3.22  | 2.74  | 2.11  | 2.12  | 3.89  | 3.09  | 2.23  |      |
| November...  | .81    | 1.88  | .82   | 3.10  | 1.85  | 2.09  | 3.07  | 2.62  | 2.94  | 4.70  | 3.11  |      |
| December...  | 2.57   | 2.81  | 3.06  | 2.80  | 2.27  | 2.53  | 1.06  | 2.45  | 1.86  | 4.74  | 2.04  |      |
| TOTALS...    | 28.90  | 17.52 | 29.22 | 30.39 | 26.05 | 25.40 | 24.53 | 30.15 | 26.65 | 22.22 | 32.55 |      |

1920 gooseberry 4 ft high 7 ft E

In sheltered g. 20.7.22 Is in kitchen garden all objects at suitable distances from g. Slight slope down to N.E. Excellent position.

1928. Black currant bush 5 ft. h. 20 ft. N.E.

| 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 |
| 1920   | 53° 26' | 1° 21' | Westgate         | 1 mi NW             | Rotherham |

## RAINFALL at Rotherham (Skelwell Vale).

County of West Riding

Observer G. Howard, Esq., F.R.Met.Soc.

River Basin Ouse-Don-7

Type of Gauge Snowdon

260 21

Annual Average 27.2 in. based on 22 years obs. unweighted. Period of average 1881-1915 Ref. Av. W. Shear

| Diameter  | 5.    |       |       |       |       |       |       |       |       | 12.   |       |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height    | 1.0.  |       |       |       |       |       |       |       |       |       |       |
| Altitude  | 300.  |       |       |       |       |       |       |       |       |       |       |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means |
| January   | 1.85  | 1.41  | 2.00  | 1.95  | 1.46  | 2.99  | 3.85  | 2.38  | 5.07  | 2.44  |       |
| February  | 2.12  | 1.36  | 3.40  | 1.73  | 3.03  | 3.03  | 3.58  | 1.11  | 1.96  | 2.11  |       |
| March     | 1.23  | 1.41  | 2.30  | 2.30  | 1.55  | 1.79  | 2.88  | 1.20  | 2.08  | 1.51  |       |
| April     | 2.97  | 2.51  | 1.83  | 2.32  | 2.14  | 1.32  | 2.57  | .08   | 1.90  | 2.21  |       |
| May       | 3.47  | 6.96  | 2.09  | 1.93  | 1.41  | 1.70  | 3.09  | 2.17  | 1.63  | 1.13  |       |
| June      | 4.64  | 5.58  | 1.09  | 1.07  | 2.59  | 3.21  | 1.69  | 1.87  | 2.38  | .68   |       |
| July      | 4.19  | 3.53  | 1.84  | 1.47  | 1.71  | 4.24  | 2.87  | 3.51  | 4.91  | 4.74  |       |
| August    | 4.96  | 1.99  | 0.47  | 1.02  | 3.17  | 2.20  | .22   | 3.22  | 2.88  | .28   |       |
| September | 3.29  | 1.59  | 1.25  | 1.96  | 4.22  | 2.38  | 1.62  | 2.37  | 2.38  | .87   |       |
| October   | .68   | 3.15  | 5.17  | 1.87  | 3.27  | 2.44  | 3.14  | 3.18  | 3.36  | 4.58  |       |
| November  | 3.79  | 1.53  | 2.02  | 2.01  | 5.19  | 2.85  | 1.73  | 2.91  | 3.91  | 5.62  |       |
| December  | .82   | 1.08  | 0.46  | 3.96  | 2.87  | 2.01  | 3.71  | 3.43  | 2.33  | 2.08  |       |
| TOTALS    | 33.01 | 26.10 | 23.42 | 21.59 | 30.61 | 30.36 | 30.95 | 26.43 | 33.79 | 28.25 |       |
|           | D     | D     | D     | D.    | D.    | D.    | D.    | D.    | D     | D     |       |

1931. Dwarf flowers 3 to 6 ins high 1' round gauge

1934. currants 4' high 12 ft. E.

1936. Raspberry plant 4 ft high 9.20 N.E.

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  |         |       | LMS              | 1 1/4 mls           | NW                   | Rotherham      | 1 1/4               | NW                   |

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

Station No. 3131

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## RAINFALL at Rotherham (Sutwell Vale)

County of West Riding, Yorkshire. Observer by Howard Esq., F.R.Met.Soc. File 1143

River Basin Class - Don - 7

Type of Gauge. Standard

Annual Average 26.0 in. based on 21 years obs. un-weighted. Period of average 1881-1915 Ref. W. D. Street

File No.

| Diameter  | 5"    |       |      |      |      |      |      |      |      |      |       |  |
|-----------|-------|-------|------|------|------|------|------|------|------|------|-------|--|
| Height    | 1' 0" |       |      |      |      |      |      |      |      |      |       |  |
| Altitude  | 300   |       |      |      |      |      |      |      |      |      |       |  |
| Year      | 1941  | 1942  | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |  |
| January   | 4.39  | 2.16  |      |      |      |      |      |      |      |      |       |  |
| February  | 3.34  | 1.02  |      |      |      |      |      |      |      |      |       |  |
| March     | 4.71  | 1.72  |      |      |      |      |      |      |      |      |       |  |
| April     | 1.64  | 1.03  |      |      |      |      |      |      |      |      |       |  |
| May       | 1.96  | 2.92  |      |      |      |      |      |      |      |      |       |  |
| June      | 1.19  | 1.18  |      |      |      |      |      |      |      |      |       |  |
| July      | 3.66  | 1.98  |      |      |      |      |      |      |      |      |       |  |
| August    | 3.06  | 4.14  |      |      |      |      |      |      |      |      |       |  |
| September | 1.55  | 1.34  |      |      |      |      |      |      |      |      |       |  |
| October   | 3.21  | 2.27  |      |      |      |      |      |      |      |      |       |  |
| November  | 3.59  | 1.73  |      |      |      |      |      |      |      |      |       |  |
| December  | 1.69  | 1.59  |      |      |      |      |      |      |      |      |       |  |
| TOTALS    | 31.01 | 23.14 | D #  |      |      |      |      |      |      |      |       |  |

1941. Sunkank bush 2 ft. high 9 ft. N.E.

1942. Sta. T. on death of observer.

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|----------------------|-----------|
| 1941  |         |       | Midland          | 1'2 ml.             | N.W.      | Parish (R'ham) | 1'2 ml.              | N.W.      |