

## RAINFALL at

Rowton Holly Bank

County of CheshireObserver R. J. Salmon EsqRiver Basin Dee4

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

|              |      |      |      |       |       |       |       |       |       |       |        |  |
|--------------|------|------|------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter ... |      |      |      | 5     |       |       |       |       |       |       |        |  |
| Height ..... |      |      |      | 1.5   |       |       |       |       |       |       |        |  |
| Altitude ... |      |      |      | 123   |       |       |       |       |       |       |        |  |
| Year ...     | 1910 | 1911 | 1912 | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |  |
| January ...  |      |      |      | 2.82  | 1.22  | 3.35  | .63   | 1.95  | 1.46  | 2.79  | 683    |  |
| February ... |      |      |      | 1.17  | 1.48  | 2.67  | 2.47  | 1.37  | 1.23  | 1.53  | 660    |  |
| March .....  |      |      |      | 3.14  | 2.51  | 1.27  | 1.67  | 2.05  | .84   | 6.22  | 1078   |  |
| April .....  |      |      |      | 3.43  | .65   | 1.08  | 1.22  | 1.47  | 1.18  | 1.58  | 545    |  |
| May .....    |      |      |      | 2.98  | 1.70  | 1.74  | 2.38  | 3.91  | 4.33  | .48   | 1110   |  |
| June .....   |      |      |      | 1.80  | 2.14  | .61   | 1.34  | 1.91  | 1.08  | 1.47  | 577    |  |
| July .....   |      |      |      | 1.20  | 4.13  | 3.37  | 1.45  | 1.05  | 5.38  | 1.58  | 946    |  |
| August ..... |      |      |      | 2.24  | 2.44  | 3.37  | 2.81  | 6.64  | 2.40  | 3.43  | 1528   |  |
| September .. |      |      |      | 1.55  | 2.80  | .46   | 2.56  | 1.09  | 5.62  | 2.40  | 1167   |  |
| October ...  |      |      |      | 2.51  | 1.63  | 1.62  | 3.91  | 5.36  | 1.50  | 4.70  | 1547   |  |
| November ..  |      |      |      | 2.09  | 3.29  | 3.04  | 1.94  | 2.43  | 2.02  | 2.37  | 876    |  |
| December...  |      |      |      | 1.28  | 5.72  | 4.70  | 1.59  | 1.11  | 4.80  | 5.70  | 1320   |  |
| TOTALS ...   |      |      |      | 26.21 | 29.71 | 27.28 | 23.97 | 30.34 | 31.81 | 34.25 | 12037  |  |

1913 Wall 15.6' high 32 ft NW  
 15.6' 16.9' NE  
 8.0' 12.10' SW

N.B. annual values rejected from Survey, 1928.

| Date. | Lat. N. | Long. W. | Railway Station. | Distance. | Direction. | Church.    | Distance. | Direction. |
|-------|---------|----------|------------------|-----------|------------|------------|-----------|------------|
|       | 53.11   | 2.49     | Waverton         | 1/2 m     | S          | Chirleston | 1 m       | NW         |

RAINFALL at Rowton Holly BankCounty of GloucestershireObserver P. J. Salmon Esq.River Basin Dee 4J. H. SalmonInscribed Rain Gauge, by  
(127)

|               |       |       |       |       |       |       |            |       |       |       |                |       |
|---------------|-------|-------|-------|-------|-------|-------|------------|-------|-------|-------|----------------|-------|
| Diameter ...  | 5     |       |       |       |       |       | 5          |       |       |       |                |       |
| Height .....  | 1.5   |       |       |       |       |       | 1.5        |       |       |       |                |       |
| Altitude ...  | 123   |       |       |       |       |       | 123<br>213 |       |       |       |                |       |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926       | 1927  | 1928  | 1929  | 1930<br>MEANS. | 123   |
| January ...   | 3.18  | 3.66  | 3.28  | 2.10  | 2.80  | 1.82  | 2.32       | 2.78  | 3.79  | 1.33  | 4.24           | 3130  |
| February ...  | 2.50  | .26   | 1.92  | 4.80  | .71   | 4.26  | 3.23       | 1.66  | 1.59  | .93   | .29            | 2215  |
| March .....   | 3.68  | .93   | 1.64  | 1.20  | 1.11  | .60   | .66        | 3.84  | 1.32  | .34   | 3.93           | 1925  |
| April .....   | 4.28  | 1.46  | 2.13  | 2.06  | 2.05  | 1.57  | .81        | 2.38  | 1.44  | 1.00  | .275           | 2195  |
| May .....     | 4.26  | 1.52  | .57   | 3.40  | 6.60  | 3.09  | 4.32       | 1.55  | 1.32  | 1.69  | 1.50           | 2982  |
| June .....    | 4.65  | .18   | 1.23  | .47   | 1.66  | .02   | 1.97       | 5.17  | 5.47  | 2.00  | .96            | 2378  |
| July .....    | 6.50  | .73   | 3.24  | 3.81  | 5.39  | 3.32  | 3.28       | 3.56  | 1.48  | 3.12  | 6.00           | 4043  |
| August .....  | 1.50  | 3.68  | 3.52  | 2.08  | 5.17  | 4.87  | 3.84       | 5.16  | 3.21  | 3.69  | 3.32           | 4104  |
| September...  | 3.80  | .66   | 2.68  | 3.48  | 3.17  | 4.17  | 3.92       | 4.56  | 1.74  | 2.03  | .391           | 3412  |
| October ..... | 2.93  | 2.92  | .37   | 4.22  | 3.58  | 4.99  | 2.21       | 2.35  | 3.48  | 4.29  | 4.12           | 3546  |
| November...   | .50   | 2.26  | 1.17  | 1.95  | 1.49  | 3.45  | 5.66       | 3.22  | 4.01  | 5.39  | 3.23           | 3233  |
| December...   | 1.74  | 2.39  | 4.34  | 3.90  | 3.25  | 2.37  | 1.04       | 1.32  | 2.07  | 4.73  | 4.69           | 3184  |
| TOTALS...     | 39.52 | 20.65 | 26.09 | 24.47 | 36.98 | 34.53 | 33.26      | 37.55 | 30.92 | 30.54 | 38.94          | 30345 |

1920 Fall 13' 9" high 32 ft NW  
 " 13' 9" " 17' 8" NE  
 " 10' 0" " 13' 8" SW.

N.B. Annual values, 1920-25, rejected from Survey, 1928.

Position of Station on reduced Ordnance Survey  
 Map, 2 miles to 1 inch Series

No. of Map

Reference No.

| Date. | Lat. N. | Long. W. | Railway Station. | Distance from gauge | Direction from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|----------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920  | 53° 11' | 2° 49'   | Rowton           | 1/2 mi              | S                    | Christleton    | 1 mi                | NW                   |



RAINFALL at Roxton (Holly Bank)County of CheshireObserver J. H. Salmon, Esq.River Basin Des - 4

Type of Gauge.....

Annual Average 27.3 in. based on 7 years obs. un-weighted. Period of average 1881-1915 Ref. S

| Diameter  | 5.    |       |       |       |       |       |       |       |       |       |        |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height    | 1-5.  |       |       |       |       |       |       |       |       |       |        |
| Altitude  | 123   |       | 213   |       |       |       |       | 123   |       |       |        |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means  |
| January   | 236   | 1.90  | 1.44  | 1.44  | 1.64  | 5.44  | 2.21  | 3.57  | 5.82  | 2.01  | 2798   |
| February  | 187   | .02   | 2.75  | .28   | 2.10  | 1.85  | 4.92  | .47   | 2.78  | 2.53  | 1957   |
| March     | .21   | 1.48  | 2.19  | 1.72  | .70   | 1.43  | 1.50  | .60   | 1.65  | 2.15  | 1363   |
| April     | 282   | 2.65  | .80   | 1.91  | 2.20  | 1.63  | 3.29  | .14   | 1.61  | 2.00  | 1905   |
| May       | 304   | 4.08  | 1.41  | 1.26  | 1.37  | .81   | 2.21  | 2.87  | 1.70  | 2.36  | 2121   |
| June      | 540   | .42   | 1.69  | .98   | 2.88  | 4.02  | 1.44  | 2.47  | 2.46  | 1.59  | 2335   |
| July      | 225   | 3.50  | 1.76  | 1.26  | .93   | 2.55  | 1.78  | 2.63  | 6.72  | 3.60  | 2698   |
| August    | 660   | 1.60  | .76   | 2.47  | 2.00  | 1.64  | 2.36  | 5.68  | 1.98  | .48   | 2557   |
| September | 360   | 1.81  | .56   | 1.26  | 5.00  | 3.90  | 1.99  | .81   | .95   | 3.14  | 2302   |
| October   | 154   | 5.40  | 3.47  | 3.09  | 4.51  | 1.51  | 2.21  | 3.30  | 3.21  | 3.63  | 3287   |
| November  | 363   | 2.21  | 1.85  | 2.35  | 4.75  | 2.88  | 1.98  | 3.46  | 3.74  | 6.71  | 3356   |
| December  | 1.45  | 1.00  | .70   | 4.66  | 3.94  | 2.80  | 2.56  | 3.83  | 2.13  | 2.47  | 2654   |
| TOTALS    | 34.77 | 26.07 | 19.43 | 22.68 | 32.02 | 30.46 | 30.55 | 29.83 | 34.75 | 32.67 | 243.23 |
|           | 2     | 2     | 2     | d.    | d.    | D     | D     | D     | 2     | D     | D      |

Buildings 14' high 22' NW: Buildings 14' high 18' NE: Buildings 10' high 14' SW.  
 1934 Wall 13'9" high 22' NW: Wall 13'9" high 17'8" NE: Wall 10' high 13'8" SW.

\* 213 ft is impossible from map.

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 | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1931  |         |       | Waverton         | 1/2 m.              | S.        | Chriestleton   | 1 m.                | N.        |
|       |         |       |                  | 1 m.                | S.        |                |                     |           |

Station No. 2795

RAINFALL at Roxton (Holly Bank)

41

County of GloucestershireObserver J. H. Salmon Esq.River Basin Dec - 4

Type of Gauge

Annual Average 27.3 in. based on 7 years obs. unweighted. Period of average 1881-1915 Ref. S

548655

File No. E818/43

| Diameter  | 5"    | 0     | 0     | 0     | 5     |       |       |       |       |       |        |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height    | 1' 0" | M     | 1' 0" | M     | 1' 5" |       | 1' 0" | 1     |       | 1' 1" |        |
| Altitude  | 123'  |       | only  |       | 213'  |       |       | 11    |       |       |        |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  | 1948  | 1949  | 1950  | Means  |
| January   | 3.06  | 2.60  | 3.81  | 3.00  | 1.37  | 2.64  | 1.54  | 5.30  | 2.14  | .38   | 2584   |
| February  | 2.91  | 1.50  | 1.44  | 1.10  | 1.49  | 3.46  | 1.12  | 1.06  | 1.19  | 4.25  | 1942   |
| March     | 2.70  | 2.10  | .67   | .70   | .72   | .75   | 4.42  | .75   | 2.26  | 1.12  | 1619   |
| April     | 1.42  | 1.30  | 1.02  | 1.00  | .87   | .71   | 2.42  | 1.59  | 2.31  | 2.61  | 1525   |
| May       | 1.72  | 3.10  | 2.06  | 1.50  | 2.63  | 1.41  | 2.31  | .78   | 2.67  | .83   | 1901   |
| June      | .50   | .10   | 1.97  | 1.20  | 2.12  | 3.47  | 1.89  | 3.17  | .45   | 1.39  | 1626   |
| July      | 3.02  | 2.60  | 3.39  | 1.90  | 2.49  | 2.92  | 3.50  | 2.30  | 2.76  | 2.13  | 2701   |
| August    | 3.69  | 2.10  | 2.80  | 2.60  | 2.33  | 4.65  | .41   | 2.21  | 1.56  | 4.31  | 2666   |
| September | .61   | 1.40  | 3.60  | 3.30  | 1.06  | 2.66  | 1.94  | 1.29  | .60   | 4.47  | 2093   |
| October   | 3.84  | 2.10  | 3.90  | 4.10  | 3.87  | .69   | .50   | 1.81  | 2.63  | 1.99  | 2543   |
| November  | 2.84  | .50   | 3.70  | 4.30  | .44   | 4.01  | 3.67  | 1.51  | 3.53  | 3.82  | 2835   |
| December  | 1.16  | 3.00  | 1.30  | 1.30  | 2.00  | 3.37  | 2.92  | 2.72  | 2.45  | 2.42  | 2264   |
| TOTALS    | 27.40 | 22.40 | 29.66 | 24.00 | 21.39 | 30.74 | 26.64 | 24.49 | 24.55 | 29.72 | 2629.9 |

1941 wall 13' 9" high 32' N.W. wall 13' 9" high 17' 8" N.E. wall 10' high 13' 8" S.W.  
1942 N.R.

east of Charnock NW

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1941  |         |       | Haverton L.M.S.  | 1 m.                | S.                   | Shrixleton     | 1 m.                | N.                   |

BRITISH RAINFALL ORGANIZATION

Station No. 2795 T 20-10-12RAINFALL at Naveston (Holly Bank)

51

County of CheshireObserver J. H. Salmon Esq.River Basin Lee - A

J. D. Salmon Esq.

Type of Gauge.....

Annual Average 27.3 in. based on 7 years obs. up-weighted. Period of average 1881-1915 Ref. SFile No. 5.818/43

| Diameter ...  | 5"    | 0      | 548  | 655  |      |      |      |      |      |      |       |  |
|---------------|-------|--------|------|------|------|------|------|------|------|------|-------|--|
| Height ...    | 1' 1' | M      |      | 1    |      |      |      |      |      |      |       |  |
| Altitude ...  | 213'  | 1      |      | 51   |      |      |      |      |      |      |       |  |
| Year ...      | 1951  | 1952   | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |  |
| January ...   | 1.61  | (1.87) |      |      |      |      |      |      |      |      |       |  |
| February ...  | 1.89  | (.69)  |      |      |      |      |      |      |      |      |       |  |
| March ...     | 4.47  | (.94)  |      |      |      |      |      |      |      |      |       |  |
| April ...     | 1.47  | (1.76) |      |      |      |      |      |      |      |      |       |  |
| May ...       | 2.75  | (1.74) |      |      |      |      |      |      |      |      |       |  |
| June ...      | .96   | 1.42   |      |      |      |      |      |      |      |      |       |  |
| July ...      | 2.78  | (1.88) |      |      |      |      |      |      |      |      |       |  |
| August ...    | 3.45  | (1.43) |      |      |      |      |      |      |      |      |       |  |
| September ... | 1.68  | 2.66   |      |      |      |      |      |      |      |      |       |  |
| October ...   | .69   | (4.00) |      |      |      |      |      |      |      |      |       |  |
| November ...  | 5.73  | (1.22) |      |      |      |      |      |      |      |      |       |  |
| December ...  | 3.15  | (3.00) |      |      |      |      |      |      |      |      |       |  |
| TOTALS ...    | 30.63 | 22.61  | NR.  |      |      |      |      |      |      |      |       |  |

1951 Shrub 15' at 25' S.  
 1952 Most months app MODB. 1953 Noughts 2.6154

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference S 447 642

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|----------------|----------------------|
| 1951  |         |       | Naveston         | 5 m. S.             | Christleton    | 1 m. N.W.            |

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected.

| Record D, or d | 1910-19            | 1920-30 | 1931-40               | 1941-50                                | 1951-60 |
|----------------|--------------------|---------|-----------------------|--|---------|
|                | CA13<br>D14, 16-19 | ✓<br>✓  | ✓<br>D36-40<br>d37-35 | 41, 45-50<br>D41, 45, 46, 48-50<br>d47 |         |