

## RAINFALL AT

Wirral W.W. Preston

Lat.

Long.

County of

Cheshire

Snowdon Rain Gauge, by  
Lower Mersey - 3.

Observer P. H. Bellamy Esq.

| Diameter ..  |      |      |      |      |      |      |       | 5     |       |        |        |
|--------------|------|------|------|------|------|------|-------|-------|-------|--------|--------|
| Height ..    |      |      |      |      |      |      |       | 1.0   |       |        |        |
| Altitude ..  |      |      |      |      |      |      |       | 91    | 81 T  | 91 T   |        |
| Year ..      | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906  | 1907  | 1908  | 1909   | MEANS. |
| January ..   |      |      |      |      |      |      | 1.54  | 1.07  | 1.58  | 1.58   |        |
| February ..  |      |      |      |      |      |      | 1.69  | 1.54  | 2.00  | 0.57   |        |
| March ..     |      |      |      |      |      |      | 2.22  | 1.98  | 2.82  | 2.27   |        |
| April ..     |      |      |      |      |      |      | 1.05  | 5.81  | 3.18  | 2.26   |        |
| May ..       |      |      |      |      |      |      | 2.12  | 2.39  | 2.71  | 0.80   |        |
| June ..      |      |      |      |      |      |      | 1.52  | 4.16  | 1.95  | 2.00   |        |
| July ..      |      |      |      |      |      |      | 1.40  | 1.48  | 3.53  | 2.72   |        |
| August ..    |      |      |      |      |      |      | 3.17  | 2.13  | 2.46  | 2.78   |        |
| September .. |      |      |      |      |      |      | 1.37  | 0.68  | 3.34  | 2.57   |        |
| October ..   |      |      |      |      |      |      | 4.24  | 3.71  | 1.96  | 3.51   |        |
| November ..  |      |      |      |      |      |      | 1.52  | 2.33  | 1.92  | 0.80   |        |
| December ..  |      |      |      |      |      |      | 3.05  | 1.76  | 1.41  | 5.80   |        |
| TOTALS ..    |      |      |      |      |      |      | 27.89 | 28.94 | 28.86 | 27.66? |        |

1906 Recd 15.VI.08 Entd 19.XI.08

1907 Woodchurch Church 1 1/4 mile W ?E  
 Birkenhead Station 3 . NE ?NW  
 Engine House 4 ft high 50 ft N

## RAINFALL at Winal Water Works Prenton

County of Cheshire

Observer

J. H. Bette Ep

River Basin Lower Mersey & C 3

*agglomeration*

Snoder Rain Gauge, by.

1916 Building 60 ft high 18 yards wide

H.N. Edge visited this station 3. x 14 and wrote "I found a small tree 4 or 5 ft. high to S.S.W. of the g. and only 1 ft. from it. At my suggestion they removed the shrub."

| Date.  | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church.     | Distance. | Direction. |
|--------|---------|-------|------------------|-----------|------------|-------------|-----------|------------|
| 53-20. | 3.      |       | Upton            | 3/4 m     | N          | St Stephens |           |            |

## Prenton Waterworks (1926)

County of Cheshire Observer A. J. Robinson Esq.

River Basin Lower Mersey &amp; C. 3. West Cheshire Water Board.

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

| Diameter ... | 6"    |       |       |       |       |       |       |       |       | 5     |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ..... | 10    |       |       |       |       |       |       |       |       | 66    | 10     |
| Altitude ... | 91    |       |       |       |       |       |       |       |       | 91    |        |
| Year .....   | 1920  | 1921  | 1922  | 1923  | 1924  | 1925  | 1926  | 1927  | 1928  | 1929  | MEANS. |
| January ...  | 2.98  | 2.87  | 2.71  | 1.29  | 1.73  | 1.34  | 2.12  | 2.41  | 4.34  | 1.71  | 4.69   |
| February ... | 2.63  | 0.12  | 2.21  | 3.12  | 0.41  | 4.59  | 2.22  | 1.03  | 2.79  | 0.86  | .81    |
| March .....  | 3.80  | 1.44  | 1.65  | 1.01  | 0.66  | 0.69  | 0.86  | 2.51  | 1.14  | 0.16  | 3.62   |
| April.....   | 3.34  | 1.02  | 1.69  | 1.79  | 1.42  | 1.51  | 0.39  | 0.76  | 1.15  | 1.12  | 3.94   |
| May .....    | 2.82  | 1.73  | 1.44  | 3.24  | 5.20  | 2.24  | 3.01  | 1.38  | 1.29  | 1.67  | 1.73   |
| June .....   | 3.89  | 0.19  | 1.76  | 2.27  | 1.87  | 0.00  | 0.92  | 3.92  | 3.22  | 1.68  | 2.19   |
| July .....   | 6.53  | 0.79  | 3.64  | 2.91  | 4.15  | 2.85  | 3.56  | 2.93  | 1.92  | 4.05  | 7.62   |
| August ..... | 1.77  | 4.69  | 2.79  | 3.16  | 4.93  | 3.24  | 2.29  | 6.24  | 2.20  | 3.72  | 4.85   |
| September... | 3.31  | 1.09  | 2.48  | 3.65  | 3.43  | 3.97  | 3.50  | 5.15  | 1.25  | 1.86  | 2.96   |
| October..... | 2.06  | 2.94  | 0.38  | 3.73  | 3.73  | 3.15  | 2.61  | 2.51  | 3.11  | 4.97  | 4.37   |
| November...  | 0.47  | 1.95  | 1.54  | 3.14  | 1.88  | 2.69  | 3.28  | 3.67  | 3.48  | 5.20  | 4.41   |
| December...  | 2.04  | 2.89  | 3.43  | 4.14  | 3.22  | 2.06  | 0.57  | 1.32  | 2.04  | 4.86  | 4.01   |
| TOTALS...    | 35.64 | 21.72 | 26.72 | 31.43 | 32.63 | 27.63 | 25.21 | 33.83 | 28.23 | 31.16 | 45.20  |

1920 Building 60ft high 15 yds N

R.R.

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

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church.        | Distance from gauge |
|-------|---------|-------|------------------|---------------------|-----------|-----------------------|---------------------|
| 1920  | 5°3'2"  | 3°    | Stretton, R.pton | 3/4 mi S<br>3/4 " N |           | St. Stephens, Prenton | 1/2 mi E            |

## RAINFALL at Prenton Waterworks.

County of Cheshire

Observer A. J. Robinson, Esq.

River Basin Mersey Lower &amp; C-3.

West Cheshire Water Board (1934)

Type of Gauge Prudhoe

Annual Average 28.1 in. based on 12 years obs. un-weighted. Period of average 1881-1915 Ref.

665522/26.

| Diameter  | 5.    |       |       |       |       |       |       |       |       |       |       |  |  |              |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--------------|
| Height    | 1.6.  |       |       |       |       |       |       |       |       |       |       |  |  | 1.3          |
| Altitude  | 91.   |       |       |       |       |       |       |       |       |       |       |  |  |              |
| Year      | 1931  | 1932  | 1933  | 1934  | 1935  | 1936  | 1937  | 1938  | 1939  | 1940  | Means |  |  |              |
| January   | 3.20  | 3.02  | 1.51  | 1.89  | 1.46  | 5.25  | 2.10  | 3.60  | 5.40  | 2.25  |       |  |  | Totals 29.68 |
| February  | 2.66  | 0.10  | 3.48  | 0.26  | 2.77  | 2.58  | 5.19  | 0.53  | 2.66  | 2.41  |       |  |  | 22.70        |
| March     | 0.26  | 1.17  | 2.39  | 2.06  | 0.93  | 1.59  | 1.88  | 1.07  | 1.82  | 2.73  |       |  |  | 15.90        |
| April     | 2.23  | 2.67  | 0.85  | 1.95  | 2.10  | 1.10  | 3.26  | 0.23  | 2.21  | 2.32  |       |  |  | 19.11        |
| May       | 2.67  | 5.00  | 2.09  | 1.94  | 2.25  | 1.05  | 3.06  | 2.57  | 1.66  | 2.41  |       |  |  | 24.70        |
| June      | 5.67  | 0.34  | 2.17  | 1.73  | 4.16  | 4.21  | 1.84  | 3.13  | 2.44  | 0.84  |       |  |  | 26.53        |
| July      | 2.42  | 3.21  | 2.67  | 0.90  | 2.29  | 3.28  | 1.86  | 3.43  | 6.05  | 1.69  |       |  |  | 27.90        |
| August    | 8.06  | 1.70  | 2.16  | 3.65  | 2.44  | 1.65  | 1.42  | 4.22  | 1.67  | 0.37  |       |  |  | 27.34        |
| September | 3.82  | 2.80  | 0.85  | 2.96  | 4.98  | 3.26  | 2.23  | 2.23  | 0.80  | 2.54  |       |  |  | 26.47        |
| October   | 1.78  | 5.79  | 3.77  | 4.47  | 5.14  | 1.82  | 2.37  | 4.67  | 2.85  | 3.78  |       |  |  | 36.44        |
| November  | 3.99  | 2.48  | 1.68  | 2.45  | 3.68  | 3.15  | 1.68  | 3.86  | 4.74  | 6.35  |       |  |  | 34.06        |
| December  | 1.91  | 1.83  | 0.91  | 4.80  | 4.19  | 3.83  | 3.42  | 3.64  | 2.79  | 2.42  |       |  |  | 29.74        |
| TOTALS    | 38.67 | 30.31 | 24.53 | 29.06 | 36.39 | 32.87 | 30.30 | 33.18 | 35.09 | 30.17 |       |  |  | 320.57       |
|           | 2.    | 2.    | 2.    | 2.    | 2.    | 2.    | 2.    | 2.    | 2.    | 2.    |       |  |  | 400          |

Wall 7' high by 6' W: Shed 8' high 6' N: Shed 8' high 6' S: Building 60' high 30' wide E.  
1936 Wall 6' high 25' W: Building 60' high 90' E.1940 Wall 54' 6" W (approx)  
(Hedge 17' 9" S (approx)

1940 Jam point east

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1931  |         |       | Stretton         | 1/2 m               | SW.       | Woodchurch     | 1 m                 | W.        |
| 1940  |         |       |                  |                     |           |                |                     |           |

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

Station No. 2787

## RAINFALL at Prenton Waterworks

41

County of Cheshire Observer West Cheshire Water Board

River Basin Mersey Lower &amp; C. - 3

Type of Gauge P.H. Snowdon

Annual Average 38.1 in. based on 10 years obs. un-weighted. Period of average 1881-1915. Ref. S

File No. 6655222/26

| Diameter  | 5"    |       |       | 550   | 204   |       |       |       |       |       |       |                |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Height    | 1' 3" |       |       |       | 1     |       |       |       |       |       |       |                |
| Altitude  | 91'   |       |       |       | 41    |       |       |       |       |       |       |                |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  | 1948  | 1949  | 1950  | Means |                |
| January   | 3.13  | 3.63  | 3.97  | 3.95  | 2.37  | 3.39  | 2.31  | 6.30  | 3.04  | 0.81  |       | Total 15.32.96 |
| February  | 2.74  | 1.34  | 2.07  | 1.23  | 2.47  | 4.09  | 1.25  | 1.65  | 1.25  | 4.49  |       | 22.61          |
| March     | 3.11  | 2.34  | 0.69  | 1.01  | 0.90  | 0.99  | 4.36  | 0.73  | 2.40  | 1.16  |       | 17.69          |
| April     | 1.65  | 1.36  | 1.25  | 1.46  | 1.50  | 1.00  | 2.74  | 1.23  | 2.45  | 3.05  |       | 17.69          |
| May       | 2.09  | 3.24  | 2.47  | 1.73  | 3.31  | 2.32  | 3.62  | 1.06  | 2.88  | 0.89  |       | 23.61          |
| June      | 0.42  | 0.27  | 2.42  | 1.42  | 1.88  | 3.83  | 2.00  | 3.75  | 0.79  | 1.49  |       | 18.27          |
| July      | 1.84  | 3.49  | 2.64  | 2.54  | 3.55  | 4.25  | 4.55  | 3.41  | 2.07  | 1.80  |       | 28.87          |
| August    | 3.63  | 2.89  | 2.86  | 2.86  | 2.60  | 4.35  | 0.31  | 2.98  | 2.06  | 5.84  |       | 30.38          |
| September | 0.70  | 1.86  | 3.77  | 5.16  | 1.87  | 3.52  | 2.57  | 1.76  | 0.95  | 4.84  |       | 26.70          |
| October   | 2.93  | 3.08  | 3.75  | 3.96  | 4.55  | 0.91  | 1.13  | 2.16  | 3.46  | 2.16  |       | 28.08          |
| November  | 2.25  | 0.76  | 2.64  | 5.61  | 0.24  | 4.31  | 3.69  | 2.01  | 4.25  | 4.81  |       | 30.57          |
| December  | 1.00  | 3.18  | 1.46  | 2.85  | 2.27  | 3.00  | 2.15  | 3.03  | 4.38  | 3.66  |       | 26.97          |
| TOTALS    | 25.25 | 27.50 | 29.99 | 33.78 | 27.51 | 35.96 | 30.68 | 30.07 | 29.98 | 34.69 |       | 305.41         |
|           | D     | D     | D     | m.p.  | D     | D     | D     | D     | D     | D     |       | 46.46          |

1941. Pump House buildings

1942. Wall 7' high 54'6" WSW Hedge 17'3" SSE.

1944 m.p. late

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|-----------------------|
| 1941  |         |       | Upton            | 2710y               | N36°W                | St. Stephens   | 1417y               | E                     |

Station No. 2787

51

## RAINFALL at Preston (Waterworks)

County of Cheshire Observer West Cheshire Water Board

River Basin Mersey-Lower 6.3

Type of Gauge B.A.

Annual Average 28.1 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. S.  
 " 32.25 " " 27 - with 1929-57. " " 1916-50 File No. 665522726

| Diameter ... | 5"    |       | 550   | 204   |       |       |       |       |       |       |        |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ...   | 1' 3" |       |       |       | 1     |       |       |       |       |       |        |
| Altitude ... | 91'   |       |       |       | 51    |       |       |       |       |       |        |
| Year ...     | 1951  | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958  | 1959  | 1960  | Means  |
| January      | 2.26  | 2.80  | 1.05  | 2.63  | 2.12  | 3.74  | 1.02  | 2.93  | 3.60  | 5.25  | 27.40  |
| February     | 2.54  | 1.03  | 1.22  | 2.64  | 2.20  | 0.33  | 2.19  | 4.49  | 0.26  | 1.83  | 18.73  |
| March        | 5.18  | 1.32  | 1.01  | 2.12  | 2.04  | 1.16  | 1.88  | 1.31  | 0.98  | 1.52  | 18.52  |
| April        | 1.24  | 2.05  | 2.16  | 0.72  | 1.58  | 2.25  | 0.42  | 0.61  | 3.20  | 1.01  | 15.24  |
| May          | 3.15  | 2.16  | 2.38  | 2.94  | 3.08  | 0.85  | 1.60  | 2.53  | 1.99  | 2.24  | 22.92  |
| June         | 1.18  | 2.10  | 1.97  | 3.91  | 3.21  | 2.17  | 1.51  | 4.47  | 2.51  | 0.96  | 23.99  |
| July         | 1.42  | 2.17  | 2.85  | 3.66  | 0.49  | 4.55  | 4.40  | 3.69  | 3.36  | 2.97  | 29.56  |
| August       | 4.73  | 1.13  | 3.22  | 5.14  | 1.24  | 10.42 | 3.57  | 2.71  | 1.18  | 4.21  | 38.55  |
| September    | 2.81  | 3.06  | 3.28  | 2.47  | 2.25  | 2.68  | 7.08  | 5.01  | 0.24  | 3.93  | 32.89  |
| October      | 1.04  | 3.82  | 1.31  | 5.21  | 2.11  | 2.96  | 2.64  | 2.62  | 3.09  | 3.80  | 28.60  |
| November     | 6.34  | 2.45  | 2.94  | 5.58  | 1.34  | 1.50  | 1.24  | 1.95  | 4.71  | 6.21  | 34.26  |
| December     | 4.18  | 3.38  | 1.38  | 3.58  | 2.91  | 2.58  | 2.51  | 3.57  | 4.61  | 3.37  | 32.07  |
| TOTALS ...   | 36.15 | 27.47 | 24.77 | 40.60 | 24.57 | 35.19 | 30.06 | 36.89 | 29.73 | 37.30 | 322.79 |
|              | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |        |

1951 appears a little big but has always been so.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 33/295864

| Date.                | Lat. N. | Long. | Railway Station.                   | Distance from gauge     | Direction from gauge | Parish Church.    | Distance from gauge         |
|----------------------|---------|-------|------------------------------------|-------------------------|----------------------|-------------------|-----------------------------|
| 1951<br>1952<br>1953 |         |       | Altton<br>Mordsworth<br>- and 1951 | 1/2 mi.<br>1/2 mi.<br>- | N.W<br>N.E<br>-      | Preston<br>Altton | 3/4 mi.<br>1/2 mi<br>E<br>S |
|                      |         |       |                                    |                         |                      |                   |                             |

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 |
|----------------|---------|---------|---------|---------|---------|
|                | ✓       | ✓       | ✓       | ✓       | ✓       |

D 11-15, E 19, M 26, U 36, D 40