

# RAINFALL AT

Strathmore Type

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Lanark

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

Observer Soc. Meteorological Soc.

Clyde, L. bank - S.

|              |       |       |       |       |       |         |       |       |       |       |        |
|--------------|-------|-------|-------|-------|-------|---------|-------|-------|-------|-------|--------|
| Diameter ... |       |       |       |       |       |         |       |       |       |       |        |
| Height ..... |       |       |       |       |       |         |       |       |       |       |        |
| Altitude ... |       |       |       |       |       |         |       |       |       |       |        |
| Year ...     | 1900  | 1901  | 1902  | 1903  | 1904  | 1905    | 1906  | 1907  | 1908  | 1909  | MEANS. |
| January ...  | 4.36  | 2.70  | 4.60  | 6.00  | 4.85  | 4.40    | 7.90  | 4.20  | 5.10  | 7.30  |        |
| February ... | 2.25  | 1.60  | 1.60  | 5.57  | 3.05  | 3.80    | 3.50  | 4.10  | 4.10  | 5.40  |        |
| March .....  | 3.80  | 2.23  | 3.00  | 10.92 | 2.85  | 6.60    | 4.40  | 5.80  | 5.10  | 3.10  |        |
| April .....  | 3.00  | 2.65  | 1.80  | 1.72  | 6.25  | 4.50    | 2.40  | 2.40  | 1.70  | 3.70  |        |
| May .....    | 3.00  | 2.13  | 2.80  | 3.36  | 3.65  |         | 5.00  | 4.05  | 2.70  | 1.70  |        |
| June .....   | 4.00  | 3.40  | 1.35  | 2.45  | 2.25  | (8.50)  | 2.00  | 5.90  | 1.90  | 2.30  |        |
| July .....   | 3.80  | 1.80  | 3.55  | 4.18  | 3.83  |         | 3.30  | 3.40  | 2.60  | 5.20  |        |
| August ..... | 4.50  | 5.60  | 1.69  | 7.45  | 6.31  | 5.40    | 5.60  | 5.20  | 2.80  | 3.80  |        |
| September .. | 3.20  | 3.50  | 3.82  | 3.65  | 3.00  | 3.90    | 2.50  | 1.10  | 4.30  | 2.30  |        |
| October ...  | 7.40  | 5.70  | 2.72  | 9.00  | 2.90  | 3.90    | 7.50  | 8.40  | .60   | 6.40  |        |
| November ..  | 5.85  | 4.90  | 1.89  | 4.15  | 3.60  | 5.50    | 5.60  | 3.00  | 4.70  | 2.50  |        |
| December ... | 8.35  | 3.10  | 4.60  | 4.15  | 5.00  | 6.60    | 4.10  | 5.80  | 4.80  | 3.90  |        |
| TOTALS ...   | 53.51 | 39.31 | 33.42 | 62.60 | 47.54 | (53.10) | 53.80 | 53.35 | 40.40 | 47.60 |        |

1905 May-July estd. mid Lanark P. XII. 1911

1900-1907 Back years - Recd. & Entered XII. 1911.

RAINFALL at Strathaven, Kype ReservoirCounty of Lanark Observer W. H. Purdie Esq.River Basin Glyde-left bank trib. 5.

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

| Diameter ... | 11    |       |       |       |       |       |       |       |       |       |        |  |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Height ..... | 3     | 0     |       |       |       |       |       |       |       |       |        |  |
| Altitude ... | 941   |       |       |       |       |       |       |       |       |       |        |  |
| Year ...     | 1910  | 1911  | 1912  | 1913  | 1914  | 1915  | 1916  | 1917  | 1918  | 1919  | MEANS. |  |
| January ...  | 3.90  | 4.10  | 2.10  | 3.70  | 4.20  | 3.80  | 6.30  | 2.30  | 3.70  | 3.40  | 3750   |  |
| February ... | 6.80  | 9.80  | 2.90  | 3.00  | 4.10  | 4.90  | 8.50  | 2.30  | 5.60  | 1.40  | 4330   |  |
| March .....  | 2.90  | 3.70  | 6.30  | 5.40  | 4.60  | 3.70  | 1.40  | 2.90  | 1.70  | 5.40  | 3600   |  |
| April .....  | 4.30  | 3.50  | 1.80  | 2.50  | 2.40  | 3.50  | 5.10  | 2.30  | .40   | 5.70  | 3150   |  |
| May .....    | 3.30  | 1.60  | .90   | 4.20  | 3.40  | 1.40  | 3.70  | 2.00  | 2.10  | .60   | 2320   |  |
| June .....   | 1.50  | 2.40  | 3.90  | 3.40  | 1.40  | 1.10  | 3.10  | 4.10  | 1.60  | 3.20  | 2570   |  |
| July .....   | 4.20  | 2.40  | 2.10  | .70   | 3.30  | 6.10  | 3.50  | 1.50  | 2.00  | .90   | 2670   |  |
| August ..... | 5.30  | 1.40  | 4.30  | .70   | 5.70  | 2.90  | 4.20  | 5.40  | 3.30  | 2.40  | 3560   |  |
| September .. | 1.30  | 2.30  | 3.60  | 2.00  | 2.50  | 0.60  | 1.30  | 3.20  | 6.30  | 7.20  | 3030   |  |
| October ...  | 1.60  | 5.40  | 6.00  | 4.70  | 2.50  | 3.40  | 9.30  | 6.70  | 6.90  | 1.10  | 4760   |  |
| November ..  | 2.50  | 6.80  | 5.70  | 5.70  | 6.10  | 1.90  | 7.30  | 5.80  | 3.70  | 4.90  | 5040   |  |
| December ... | 4.60  | 7.30  | 10.20 | 3.90  | 4.90  | 6.80  | 3.90  | 3.40  | 4.10  | 7.40  | 5650   |  |
| TOTALS ...   | 42.20 | 50.70 | 49.80 | 39.90 | 45.10 | 40.10 | 61.60 | 41.90 | 41.40 | 41.60 | 444.30 |  |

imp. D

1913 House 20ft high 30ft NW

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction.                    | Church.    | Distance. | Direction.                    |
|-------|---------|-------|------------------|-----------|-------------------------------|------------|-----------|-------------------------------|
| 1911  |         |       | Strathaven       | 6 mls.    | NE (1912)<br>NW.<br>NE (1914) | Strathaven | 6 mls.    | NE (1912)<br>NW.<br>NE (1914) |

RAINFALL at Strathaven (Kyle Reservoir).County of LanarkObserver H. D. Purdie, Esq. C.E.River Basin 5 Clyde, L. bank.Water Eng'r. Hamilton Capt. W.W.Snowdon Rain Gauge, by \_\_\_\_\_

| Diameter ...  | 11    |       |       |       |      |       |       |       |       |       |       |        |
|---------------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|--------|
| Height .....  | 3.0   |       |       |       |      |       |       |       |       |       |       |        |
| Altitude ...  | 941   |       |       |       |      |       |       |       |       |       |       |        |
| Year .....    | 1920  | 1921  | 1922  | 1923  | 1924 | 1925  | 1926  | 1927  | 1928  | 1929  | 1930. | MEANS. |
| January ...   | 7.30  | 7.60  | 4.20  | 6.30  | 4.30 | 3.60  | 3.10  | 5.90  | 7.60  | 1.20  | 5.90  |        |
| February ...  | 7.40  | 1.50  | 4.00  | 4.50  | .90  | 5.10  | 4.10  | 2.10  | 4.70  | 2.10  | .50   |        |
| March .....   | 4.90  | 6.80  | 2.70  | 1.00  | 1.30 | 1.20  | 5.10  | 2.80  | 2.90  | 1.30  | 2.40  |        |
| April .....   | 4.60  | 2.10  | 1.50  | 2.90  | 2.50 | 5.30  | 1.80  | 3.90  | 1.30  | 3.80  | 1.50  |        |
| May .....     | 5.80  | 4.10  | 5.40  | 4.20  | imp  | 5.90  | 2.80  | 2.10  | 1.80  | 3.50  | 1.80  |        |
| June .....    | 2.80  | .70   | 2.60  | 1.10  | 1.40 | .20   | 1.60  | 4.80  | 6.50  | 2.36  | 3.10  |        |
| July .....    | 2.60  | 3.90  | 4.20  | 4.30  | 2.90 | 3.30  | 3.15  | 4.60  | 3.20  | 4.75  | 2.60  |        |
| August .....  | 5.80  | 6.80  | 3.40  | 5.40  | imp  | 3.10  | 2.80  | 5.90  | 4.00  | 7.10  | 5.20  |        |
| September...  | 3.10  | 3.20  | 2.40  | 7.25  | 4.90 | 3.70  | 2.70  | 7.30  | 2.90  | 2.40  | 4.40  |        |
| October ..... | 1.30  | 3.70  | 1.90  | 9.60  | imp  | 2.80  | 3.30  | 4.90  | 5.80  | 6.60  | 7.10  |        |
| November...   | 2.90  | 2.10  | 2.90  | 7.50  | 3.10 | .80   | 4.80  | 4.80  | 5.70  | 8.46  | 6.20  |        |
| December...   | 3.20  | 9.80  | 3.20  | 3.40  | 5.70 | 3.90  | 4.90  | .40   | 2.90  | 11.84 | 3.30  |        |
| TOTALS...     | 52.70 | 51.40 | 38.40 | 57.45 | imp  | 38.90 | 40.65 | 49.50 | 49.30 | 55.41 | 44.00 |        |

1920. 11. P. as recorded.
   
 1920. 11. P. as recorded.
   
 1920. 11. P. as recorded.

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

Reference No. \_\_\_\_\_

| Date. | Lat. N. | Long. W. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|----------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1920, |         |          | Strathaven       | 6 m.                | N.E.      | Strathaven     | 6 m.                | N.E.      |
| 1926  | 55° 37' | 4° 0'    |                  |                     |           |                |                     |           |



RAINFALL at Strathaven (Hype Reservoir)County of LanarkObserver W.H. Randle, C.E.River Basin 5- Clyde Left BankGeorge Allison Esq.Type of Gauge M.O.Annual Average 42.8 in. based on 32 years obs. un-weighted. Period of average 1881-1915 Ref. 5  
*In view of change of alt. of g. in 1931, computed x/37*

|           |                |             |             |             |             |             |             |             |             |             |             |
|-----------|----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Diameter  | 5"             |             |             |             |             |             |             |             |             |             |             |
| Height    | 1' 0"<br>3' 0' | 1' 0'       |             |             |             |             |             |             |             |             |             |
| Altitude  | 941'           |             |             |             |             |             |             |             |             |             |             |
| Year      | 1931           | 1932        | 1933        | 1934        | 1935        | 1936        | 1937        | 1938        | 1939        | 1940        | Means       |
| January   | 3.80           | 10.21       | 6.37        | 9.02        | 2.81        | 6.00        | 6.90        | 8.98        | 4.66        | 1.99        |             |
| February  | 4.20           | .09         | 4.78        | 1.00        | 8.12        | 3.48        | 5.10        | 3.40        | 7.56        | 1.80        |             |
| March     | .85            | 3.67        | 4.57        | 3.26        | 2.61        | 3.07        | 1.60        | 4.40        | 4.21        | 5.42        |             |
| April     | 2.33           | 4.63        | 2.88        | 4.42        | 4.40        | 1.61        | 2.71        | 1.08        | 3.37        | 3.44        |             |
| May       | 4.28           | 3.34        | 2.40        | 4.29        | .74         | 1.72        | 1.97        | 4.91        | .74         | 1.55        |             |
| June      | 7.36           | 2.36        | 2.43        | 3.02        | 4.96        | 2.20        | 3.49        | 6.17        | 2.82        | .77         |             |
| July      | 4.76           | 3.74        | 5.45        | 3.80        | 2.11        | 6.14        | 4.87        | 6.45        | 4.28        | 4.98        |             |
| August    | 2.42           | 2.25        | 4.23        | 4.16        | 2.27        | 3.57        | 5.54        | 4.05        | 2.56        | 2.79        |             |
| September | 1.54           | 6.34        | 1.77        | 5.18        | 8.65        | 3.88        | 3.72        | 4.54        | 3.11        | 5.83        |             |
| October   | 4.90           | 7.88        | 4.15        | 9.37        | 10.12       | 7.28        | 5.04        | 11.76       | 2.51        | 5.06        |             |
| November  | 7.59           | 4.87        | 1.89        | 2.13        | 8.11        | 5.22        | 1.03        | 10.08       | 11.89       | 6.60        |             |
| December  | 7.12           | 11.19       | 1.52        | 6.72        | 3.61        | 6.62        | 3.60        | 3.75        | 2.68        | 5.70        |             |
| TOTALS    | 51.15<br>D.    | 60.57<br>D. | 42.44<br>D. | 56.37<br>D. | 58.51<br>D. | 50.79<br>D. | 45.07<br>D. | 69.57<br>D. | 59.34<br>D. | 45.93<br>D. | 53.79<br>D. |

1931. House 20' high 30' N.W.

Records prior to 1931 are not homogeneous with the present records, owing to change of alt. of g. above gtd.

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1931. |         |       | Strathaven       | 6m                  | N.E.                 | Strathaven     | 6m                  | N.E.                 |

655462

RAINFALL at Strathaven (Kype Res') Station No. 5194 41  
 County of Lanark Observer George Allison Esq.  
 River Basin 5- Clyde - Left Bank  
 Type of Gauge (M)

Annual Average 46.6 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref S

File No.

|           |       |       |       |       |       |       |        |       |       |       |       |
|-----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| Diameter  | 5"    |       |       |       |       | 6.55  | 4.62   |       |       |       |       |
| Height    | 1'0"  |       |       |       |       |       | 1      |       |       |       |       |
| Altitude  | 941'  |       |       |       |       |       | 41     |       |       |       |       |
| Year      | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947   | 1948  | 1949  | 1950  | Means |
| January   | 1.02  | 6.01  | 5.44  | 7.20  | 3.63  | 6.02  | 4.07   | 7.73  | 7.34  | 3.76  |       |
| February  | 4.40  | 1.38  | 6.67  | 2.44  | 8.41  | 4.01  | (0.73) | 5.16  | 6.78  | 5.86  |       |
| March     | 2.69  | 3.43  | 3.16  | 0.91  | 4.33  | 3.53  | (3.84) | 5.31  | 2.56  | 4.65  |       |
| April     | 2.03  | 2.55  | 3.77  | 4.01  | 2.06  | 2.28  | 7.58   | 5.32  | 5.33  | 5.68  |       |
| May       | 4.30  | 2.74  | 4.63  | 4.00  | 5.78  | 1.03  | 3.97   | 1.12  | 2.25  | 2.36  |       |
| June      | 0.90  | 1.61  | 5.13  | 5.52  | 4.36  | 4.24  | 3.24   | 5.98  | 1.15  | 2.79  |       |
| July      | 3.67  | 4.40  | 3.32  | 4.32  | 2.95  | 4.00  | 3.33   | 3.23  | 1.88  | 5.51  |       |
| August    | 7.26  | 4.72  | 5.83  | 4.22  | 2.00  | 3.60  | 0.06   | 7.34  | 4.44  | 6.59  |       |
| September | 1.43  | 5.09  | 3.38  | 6.27  | 7.15  | 8.66  | 6.10   | 6.57  | 1.96  | 12.12 |       |
| October   | 4.70  | 7.74  | 10.61 | 5.76  | 5.25  | 0.59  | 2.25   | 5.58  | 6.14  | 5.33  |       |
| November  | 3.55  | 1.47  | 3.68  | 9.65  | .98   | 6.53  | 8.63   | 5.21  | 5.89  | 4.98  |       |
| December  | 4.08  | 7.28  | 4.17  | 6.25  | 3.25  | 4.86  | 3.95   | 7.14  | 11.12 | 2.10  |       |
| TOTALS    | 40.03 | 48.42 | 59.79 | 60.55 | 50.05 | 49.35 | 47.75  | 65.69 | 56.84 | 61.73 |       |
|           | D     | D     | D     | D     | D     | D     | D      | D     | D     | D     |       |

1941 House 20' high 30' NW.

30004

see from  
1910-50

1947 falling off. looks developing towards end of year.

1947 Feb + Mar. adj. for snow

1948 pint with ? falling off. Gauge wound on test. see over for position of gauge.

1949 n.p. low. No rain. no wind to gauge (maybe genuine rain 1/11/49)

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|----------------------|-----------|
| 1941  |         |       | Strathaven       | 6 mls               | NE.       | Strathaven     | 6 mls                | NE.       |

BRITISH RAINFALL ORGANIZATION

655462

Station No. 5194

RAINFALL at Strathaven (Type Res)

51

County of Lanark

Observer George Gibson Esq.

River Basin S. Clyde Left Bank Dries
H.V. MacNaughton Esq.

Type of Gauge M.O.
Water Engineer, Hamilton

Annual Average 46.6 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. S  
" " 53.50 " " 5 " " 1885-89 " " 1916-50 " " S  
File No.

|               |       |       |       |       |       |       |       |       |       |       |       |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter ...  | 5"    |       |       |       | 655   | 462   |       |       |       |       |       |
| Height ...    | 1' 0" |       |       |       |       | 1     |       |       |       |       |       |
| Altitude ...  | 941'  |       |       |       |       | 51    |       |       |       |       |       |
| Year ...      | 1951  | 1952  | 1953  | 1954  | 1955  | 1956  | 1957  | 1958  | 1959  | 1960  | Means |
| January ...   | 5.02  | 5.41  | 3.25  | 5.25  | 3.09  | 3.13  | 6.23  | 4.94  | 1.75  | 4.79  |       |
| February ...  | 3.56  | 1.41  | 2.28  | 3.67  | 2.00  | 1.95  | 2.72  | 3.74  | 2.90  | 4.07  |       |
| March ...     | 4.02  | 2.46  | 1.07  | 3.65  | 2.30  | 3.35  | 4.21  | 1.78  | 2.62  | 2.22  |       |
| April ...     | 4.78  | 3.57  | 2.71  | 2.13  | 2.89  | 1.50  | 3.04  | 1.99  | 3.80  | 3.47  |       |
| May ...       | 1.89  | 2.48  | 3.09  | 3.41  | 4.13  | 3.43  | 3.02  | 3.65  | 1.49  | 1.98  |       |
| June ...      | 2.58  | 3.63  | 1.26  | 3.91  | 2.42  | 3.79  | 2.48  | 2.92  | 4.39  | 1.99  |       |
| July ...      | 3.90  | 4.16  | 5.43  | 4.27  | 2.24  | 6.65  | 3.80  | 4.88  | 6.35  | 3.60  |       |
| August ...    | 7.32  | 4.46  | 3.23  | 5.18  | 1.98  | 6.99  | 5.43  | 6.78  | 2.58  | 3.67  |       |
| September ... | 4.01  | 3.40  | 5.08  | 7.39  | 5.11  | 4.51  | 3.87  | 5.01  | 1.28  | 2.49  |       |
| October ...   | 1.50  | 4.11  | 3.47  | 10.09 | 3.99  | 5.12  | 6.24  | 4.24  | 7.50  | 2.82  |       |
| November ...  | 6.80  | 2.97  | 8.76  | 8.33  | 1.75  | 2.00  | 2.37  | 2.06  | 6.73  | 7.19  |       |
| December ...  | 9.06  | 4.54  | 5.17  | 9.39  | 9.07  | 7.59  | 6.63  | 6.43  | 5.95  | 7.93  |       |
| TOTALS ...    | 54.44 | 42.60 | 44.80 | 66.87 | 40.89 | 50.01 | 50.04 | 48.42 | 47.34 | 46.22 |       |
|               | D     | D     | D     | D     | D     | D     | D     | D     | D     | D     |       |

On 1954 Inspectors recom. g. was moved (25/10/1954) about 3" S  
 ins 17.9.59 7.5 sound. O/S to S - bank L high runs E-W 6' 6" sack  
 of g. - top of bank at 10'

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 26/735387

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

Summary of Earlier Records from 10-year Sheets :

99

| Record D, or d | 1910-19            | 1920-30                        | 1931-40 | 1941-50       | 1951-60 |
|----------------|--------------------|--------------------------------|---------|---------------|---------|
|                | ✓ <u>best temp</u> | ✓ <u>3 1920</u><br><u>1921</u> | ✓       | ✓ <u>1944</u> |         |
|                | -                  | ✓ <u>1920-22</u>               | ✓       | ✓             |         |