

RAINFALL AT *Nottingham Wilford Hill Reservoir*

Lat. Lon. County of *Nottinghamshire*

Sunder Rain Gauge, by *N 47* Observer *J. S. Donnie Esq*

Front, E. bank - 2.

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|--------|-------|-------|--------|
| Diameter .. | | | | | | | | 8 | | | |
| Height | | | | | | | | 0 11 | | | |
| Altitude .. | | | | | | | | 29 1/2 | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | | | | | | | | .92 | 1.06 | 1.01 | |
| February . | | | | | | | | .95 | 1.12 | .58 | |
| March | | | | | | | | 1.20 | 2.45 | 2.46 | |
| April | | | | | | | | 1.91 | 2.07 | 1.30 | |
| May | | | | | | | | 3.13 | 2.24 | 1.11 | |
| June | | | | | | | | 2.57 | 1.28 | 2.17 | |
| July | | | | | | | | 2.00 | 2.66 | 3.52 | |
| August | | | | | | | | 2.50 | 3.02 | 2.66 | |
| September .. | | | | | | | | .64 | 1.26 | 2.21 | |
| October | | | | | | | | 3.50 | 1.10 | 2.59 | |
| November .. | | | | | | | | 1.63 | 1.24 | .59 | |
| December .. | | | | | | | | 2.49 | 1.07 | 3.61 | |
| TOTALS .. | | | | | | | | 23.74 | 20.57 | 23.81 | |

1909 Holy Road Edwalton Church 1 Mile 230 yards E
 Edwalton Station 1519 yards NE
 Recorder House 12 ft high 32 yards NW

RAINFALL at Nottingham Welford Hill ReservoirCounty of NottinghamshireObserver F. W. Davies EsqRiver Basin West-Right Bank Tributaries 2Snowdon Rain Gauge, by N 3

| Diameter ... | 8 | | | | | | | | | | | |
|--------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------|
| Height | 0 11 | | | | | | | | | | | |
| Altitude ... | 296 ft | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 1.72 | .86 | 2.85 | 2.15 | 1.25 | 2.01 | 1.28 | 1.89 | 1.63 | 2.81 | | 1.67 |
| February ... | 1.56 | 1.18 | 1.08 | .75 | 1.12 | 2.68 | 3.66 | .60 | 1.85 | 1.90 | | 1.61 |
| March | .51 | 1.40 | 1.79 | 3.35 | 2.11 | .88 | 3.34 | 1.13 | .69 | 3.90 | | 1.61 |
| April | 1.50 | .76 | .23 | 2.32 | .92 | .77 | 1.33 | .95 | 1.49 | 1.40 | | 1.61 |
| May | 2.28 | 1.05 | 2.80 | 2.18 | 1.85 | 1.65 | 2.94 | 1.88 | 2.36 | 1.25 | | 1.61 |
| June | 1.74 | 2.60 | 3.75 | 1.07 | 2.34 | .84 | 2.03 | 2.10 | .35 | .79 | | 1.61 |
| July | 2.35 | .11 | 2.62 | .76 | 2.96 | 6.78 | 2.18 | 1.32 | 1.91 | 3.61 | | 1.61 |
| August | 2.63 | 1.70 | 4.41 | 1.19 | 1.90 | 1.85 | 1.92 | 3.91 | 1.21 | 2.68 | | 1.61 |
| September .. | .78 | .93 | .65 | 1.69 | .64 | .85 | .93 | 1.53 | 3.87 | 1.58 | | 1.61 |
| October ... | 1.45 | 1.85 | 1.96 | 3.34 | 2.02 | 1.19 | 2.06 | 3.30 | 1.33 | 2.31 | | 1.61 |
| November .. | 2.72 | 1.90 | 1.33 | 1.64 | 3.08 | 2.15 | 2.55 | 1.17 | 1.69 | 1.84 | | 1.61 |
| December ... | 3.87 | 2.78 | 2.94 | .68 | 4.35 | 4.58 | 2.27 | .71 | 3.08 | 3.85 | | 1.61 |
| TOTALS ... | 23.11 | 17.12 | 26.41 | 21.12 | 24.54 | 26.23 | 26.49 | 20.49 | 21.46 | 27.89 | | 1.61 |
| | D | | | D | | | | D | | D | | |

1912 Recorder Home 12 ft high 22 yds N W

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|--------|------------------|-----------|------------|-----------|-----------|------------|
| | 52.54 N | 1.8. W | Edwalton | 1519 yds | NE | Holy Rood | 7.23 yds | E |

RAINFALL at Nottingham Wilford Hill Reservoir

County of Nottinghamshire

Observer L. W. Davies Esq.

River Basin Trent - Pt. Bank Tribs. - 2

Water Engineer Nottingham

Snowdon Rain Gauge, by H. G.

| Diameter ... | 8 | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|------------------|
| Height | 0.11 | | | | | | | | | | 1.0 | |
| Altitude ... | 296 | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. | |
| January ... | 2.65 | 2.09 | 2.75 | 1.09 | 2.07 | 1.92 | 2.35 | 1.57 | 3.92 | 1.17 | 3.21 | Totals, 24.77 |
| February ... | 1.80 | .37 | 2.05 | 3.11 | .77 | 2.48 | 2.08 | 1.77 | 1.80 | .51 | .70 | 17.44 |
| March | 1.66 | 1.24 | 1.43 | 1.29 | .81 | .87 | .56 | 2.05 | 1.49 | .12 | 2.34 | 13.86 |
| April | 3.73 | .78 | 2.61 | 2.45 | 1.55 | 1.96 | 1.95 | 1.99 | .67 | 1.16 | 3.55 | 22.40 |
| May | 2.04 | 1.89 | 1.44 | 2.19 | 3.83 | 3.39 | 2.75 | .91 | 1.27 | 1.63 | 3.12 | 24.46 |
| June | 2.55 | .50 | .94 | .63 | 2.08 | .05 | 2.50 | 4.68 | 2.53 | 1.16 | 1.91 | 19.53 |
| July | 4.09 | .81 | 3.85 | 3.68 | 1.90 | 1.46 | 1.43 | 2.45 | 1.21 | 1.69 | 4.23 | 26.81 |
| August | .66 | 4.43 | 5.54 | 2.03 | 2.59 | 1.41 | 1.51 | 3.21 | 2.82 | 2.04 | 2.75 | 28.99 |
| September... | 1.60 | 1.50 | 1.65 | 2.67 | 2.57 | 3.82 | 1.07 | 4.13 | .53 | .57 | 4.03 | 24.14 |
| October | 1.20 | 1.82 | .71 | 1.67 | 3.87 | 3.11 | 2.25 | 2.09 | 3.66 | 2.94 | 2.35 | 25.63 |
| November... | .94 | 1.19 | .89 | 1.95 | 1.67 | 1.67 | 3.38 | 2.57 | 2.54 | 4.79 | 2.80 | 24.39 |
| December... | 2.50 | 1.53 | 3.18 | 2.42 | 2.34 | 2.05 | .76 | 2.42 | 1.77 | 4.09 | 2.03 | 25.09 |
| TOTALS... | 25.42 | 18.15 | 27.04 | 25.18 | 26.05 | 24.19 | 22.55 | 29.84 | 24.21 | 21.87 | 33.02 | 277.52 |
| | D | D | D | D | D | D | D | D | D | D | D | 926 |

1920 Recorder House 124 ft. High 32 yds N.W.

1921 Reservoir 33 " " 17 " E.

Close-bounded fence 7 " " 17 " W.

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 |
|-------|-------------------------|-----------|------------------------|----------------------|----------------------|----------------|---------------------|----------------------|
| 1921 | 52° 54' 19.20 53° 0' | 1° 8' 16" | Edwalton Nottingham | 15197 yds 806 yds | N 15° 3 W | Holy Rood | 1 mi 230 yds | E |

RAINFALL at Nottingham (Wilford Hill Res.)

County of Nottinghamshire

Observer ^{B.} F. W. Davies Esq.

River Basin Trent - Right Bank 2

Type of Gauge M.O.

Annual Average 22.1 in. based on 22 years obs. un-weighted. Period of average 1881-1902 Ref. S.

423106/27.

| | | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter | 8 | | | | | | | | | | | |
| Height | 10 | | | | | | | | | | | |
| Altitude | 295 | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | Totals |
| January | 1.51 | 1.10 | 1.73 | 2.07 | .97 | 3.23 | 3.18 | 2.47 | 3.83 | 2.09 | | 22.18 |
| February | 2.40 | .27 | 2.33 | .43 | 1.89 | 1.85 | 3.23 | .73 | .87 | 2.52 | | 16.52 |
| March | .19 | 1.61 | 3.13 | 1.61 | .73 | 1.28 | 1.89 | .21 | 1.55 | 1.71 | | 13.91 |
| April | 3.27 | 2.58 | 1.33 | 2.30 | 2.71 | 1.67 | 2.33 | .06 | 1.60 | 2.22 | | 20.07 |
| May | 2.95 | 6.36 | 1.55 | .85 | .38 | .62 | 2.51 | 1.98 | .87 | 1.84 | | 19.91 |
| June | 2.79 | .64 | 1.44 | .87 | 3.15 | 3.14 | .63 | 1.10 | 1.49 | .51 | | 15.46 |
| July | 4.96 | 3.19 | 2.75 | 2.47 | .09 | 4.63 | 2.62 | 2.66 | 3.33 | 3.25 | | 29.95 |
| August | 4.13 | 1.96 | .72 | 1.68 | 2.03 | .69 | .23 | 2.25 | 2.33 | .28 | | 16.30 |
| September | 2.12 | 1.49 | 1.59 | 1.53 | 5.45 | 3.66 | .99 | 3.03 | .82 | .88 | | 21.23 |
| October | .52 | 3.01 | 3.03 | .90 | 2.73 | 1.15 | 3.43 | 2.27 | 2.45 | 3.86 | | 23.35 |
| November | 2.17 | 1.67 | 1.24 | 2.14 | 4.21 | 2.17 | 1.41 | 2.15 | 3.83 | 5.39 | | 26.58 |
| December | .88 | .67 | .25 | 3.86 | 3.45 | 1.38 | 2.55 | 3.38 | 1.37 | 1.50 | | 19.29 |
| TOTALS | 27.89 | 24.55 | 21.09 | 20.41 | 27.79 | 26.47 | 26.00 | 22.29 | 24.34 | 25.92 | | 244.75 |
| | D. | D. | D. | D. | D. | D. | D. | D. | D. | D. | | 426 |

1931. Recorder house, 12' high 22 yards N.W.

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. | | | Edwalton | 1519 yds | N.E. | Edwalton | 1 230 | E. |

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

Station No. 2291RAINFALL at Nottingham (Wilford Hill Res.)

41

County of NottinghamObserver B. W. Davies Esq. C.E.River Basin Trent - Right Bank - 2Type of Gauge M.P.Annual Average 23.1 in. based on 20 years obs. in-weighed. Period of average 1881-1915 Ref. 8File No. 243106/27

| Diameter | 8" | | | 117 | 286 | | | | | | |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|
| Height | 1'0 | | | | 1 | | | | | | |
| Altitude | 295' | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 2.28 | 1.95 | 3.97 | 2.55 | 1.06 | 1.75 | 1.40 | 4.08 | .96 | .85 | |
| February | 1.63 | .47 | .40 | 1.83 | 2.12 | 2.23 | (1.44) | 1.67 | .60 | 4.28 | |
| March | 2.73 | 1.49 | .74 | .40 | .69 | .76 | 4.69 | .60 | 1.26 | .73 | |
| April | 1.37 | .89 | .57 | 2.83 | 1.53 | 1.33 | 1.82 | 1.36 | 1.77 | 2.63 | |
| May | 2.17 | 3.09 | 2.54 | .75 | 1.89 | 1.29 | 1.55 | 2.03 | 2.59 | 1.72 | |
| June | .59 | .72 | 1.37 | 1.56 | 2.37 | 2.75 | 1.57 | 1.52 | .50 | 1.06 | |
| July | 4.26 | 2.85 | .68 | 2.18 | 2.90 | 1.81 | 1.72 | 1.03 | 3.56 | 1.97 | |
| August | 4.27 | 1.60 | 1.39 | 2.77 | 2.12 | 4.18 | .17 | 3.12 | 1.67 | 3.30 | |
| September | .32 | .83 | 1.84 | 2.61 | 1.63 | 3.40 | 1.19 | 2.44 | 1.62 | 2.98 | |
| October | 2.41 | 1.87 | 1.89 | 2.35 | 3.19 | 1.14 | .35 | 2.13 | 4.72 | .75 | |
| November | 3.13 | 1.57 | 1.73 | 3.23 | .34 | 4.30 | 1.76 | 1.41 | 2.42 | 3.91 | |
| December | .63 | 1.98 | .64 | 1.23 | 1.89 | 2.31 | 2.09 | 3.03 | 1.83 | .90 | |
| TOTALS | 25.79 d | 19.31 d | 17.76 d | 24.35 d | 21.73 d | 27.25 d | 19.75 d | 24.42 d | 23.50 d | 25.08 d | |

Totals
20.83

16.87

14.09

16.16

17.62

14.01

23.06

24.59

18.86

20.80

23.80

16.53

22.94

1941 Recorder House 12' high 22 yds N.W.
1947 Feb. & March not est.

20004

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 | | | Edwaston L.M.S. | 1819 yds | N.E. | Edwaston | 1m 230y | E |

BRITISH RAINFALL ORGANIZATION

Station No. 2591RAINFALL at NOTTINGHAM (VIAFORD HILL RES.) 11

51

County of NOTTINGHAMObserver B.W. DAVIES, ESQ., C.E.River Basin TRENT R. BANK - 2Type of Gauge H.C. SnowdonAnnual Average 23.1 in. based on 20 years obs. ph-weighted. Period of average 1881-1915 Ref. 5File No. 743106/27

| Diameter ... | 8" | | | 117 | 286 | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height ... | 1' 0" | | | | 1 | | | | | | |
| Altitude ... | 295' | | | | 51 | | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 2.11 | 1.45 | .84 | 1.13 | 1.55 | 3.58 | 1.48 | 2.52 | 2.40 | 4.72 | 2178 |
| February ... | 2.88 | .53 | 1.48 | 2.27 | 1.56 | .59 | 2.41 | 2.73 | .14 | 1.67 | 1626 |
| March ... | 2.60 | 2.36 | .91 | 1.62 | 2.20 | .71 | 2.13 | 1.44 | 1.32 | 1.38 | 1667 |
| April ... | 1.63 | 2.08 | 1.93 | .21 | 1.05 | 1.57 | .15 | .60 | 2.63 | 0.92 | 1277 |
| May ... | 2.99 | 2.77 | 2.21 | 2.38 | 2.99 | .53 | 1.09 | 1.84 | .41 | 1.07 | 1828 |
| June ... | 1.36 | 1.79 | 2.36 | 3.15 | 3.64 | 3.27 | 1.70 | 4.50 | .76 | 2.14 | 2467 |
| July ... | 1.05 | .41 | 1.71 | 1.85 | 1.47 | 2.34 | 2.53 | 4.51 | 1.50 | 2.82 | 2019 |
| August ... | 4.88 | 1.77 | 2.01 | 4.03 | .47 | 7.00 | 2.68 | 2.58 | .80 | 5.47 | 3169 |
| September ... | 1.17 | 1.21 | 1.47 | 2.56 | .80 | 2.01 | 5.48 | 1.48 | .06 | 3.88 | 2062 |
| October ... | 1.02 | 2.53 | 2.33 | 2.71 | 1.67 | 1.47 | 1.20 | 2.16 | 1.81 | 5.71 | 2261 |
| November ... | 4.97 | 1.76 | 1.57 | 4.47 | 1.28 | .77 | 1.60 | 1.34 | 2.24 | 2.78 | 2278 |
| December ... | 1.43 | 2.15 | 1.07 | 2.13 | 1.69 | 2.06 | 1.74 | 2.70 | 3.06 | 3.01 | 2104 |
| TOTALS ... | 28.07 | 20.81 | 19.89 | 28.51 | 20.37 | 26.90 | 24.19 | 28.50 | 17.13 | 35.57 | 24936 |
| | d | d | d | d | d | d | d | d | d | d | |

1951 Recorder house 12' at 66' N.W.
 Just E 1951 1.60K. Rain low. O'upland. SSW-SE. Temp. with a better site rec. of set in terrace.
 1951 1.59 Gauge will not be related now will they will be built.
 1958 print with note gauge of 1951

Position of Station on Ordnance One-Inch map :

No. of Map 112National Grid Reference SN (43) 54351

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge. | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|----------------------|-----------|
| 1957 | | | S. Walton | 1 m. | N.E. | Adwalton | 1 m. 230' | E. |

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 |
|----------------|----------------|---------|--------------------|---------------------|---------|
| | ✓ | ✓ | ✓ | ✓ | ✓ |
| | 310, 3, 19, 19 | ✓ | D 31-34 d 35-40 | ✓ V (but) 48, 49 | ✓ |