

RAINFALL AT ~~Wortley Reservoir~~ N. Ryde Sta. 100 ft.

Lat.....

Lat.....

County of York W.R. Southern

Rain Gauge, by.....

Observer J. H. Taylor Eng. Ch.

June - Don Y

| Diameter .. | | | | 5 | | | | | | | | |
|--------------|------|------|------|------|-------|-------|-------|-------|-------|-------|--------|--|
| Height .. | | | | 10 | | | | | | | | |
| Altitude .. | | | | 700 | | | | | | | | |
| Year .. | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. | |
| January .. | | | | | 3.10 | .78 | 4.14 | 1.07 | 2.00 | 1.68 | | |
| February .. | | | | | 4.56 | 1.21 | 2.52 | 1.76 | 2.09 | .82 | | |
| March .. | | | | | 1.86 | 2.81 | 1.78 | 2.03 | 3.51 | 3.88 | | |
| April .. | | | | | 1.87 | 2.36 | .85 | 2.21 | 2.18 | 1.73 | | |
| May .. | | | | | 2.98 | .49 | 2.35 | 4.36 | 2.93 | 1.90 | | |
| June .. | | | | | .63 | 2.36 | 2.45 | 3.39 | 2.06 | 4.38 | | |
| July .. | | | | | 1.41 | 1.59 | 1.94 | 1.64 | 2.26 | 4.76 | | |
| August .. | | | | | 4.41 | 3.81 | 1.81 | 1.81 | 2.64 | 2.11 | | |
| September .. | | | | | .88 | 1.14 | .75 | .46 | 1.70 | 3.05 | | |
| October .. | | | | | .65 | 1.92 | 6.36 | 6.42 | 1.49 | 2.73 | | |
| November .. | | | | | 1.49 | 4.98 | 3.44 | 3.16 | 1.36 | .64 | | |
| December .. | | | | | 1.85 | .70 | 2.11 | 2.55 | 1.66 | 5.56 | | |
| TOTALS .. | | | | | 25.69 | 24.15 | 30.50 | 30.86 | 25.88 | 33.24 | | |

3

1907 Wortley Station

Hyd. Sta. No. 39-085831

N.R. SK (K3) 308998

alt. 700 ft 213 m.

Stocksbridge,

3144

10

RAINFALL at ~~Wortley~~ Reservoir

County of W.R. Yorkshire

Observer J. H. Taylor Esq. C.R.

River Basin

One-Don 7

Rain Gauge, by

| | | | | | | | | | | |
|--------------|-------|------------|-------|-------|------------|-------|------------|------|------|-----------------------------|
| Diameter ... | 5 | | | | | | | | | |
| Height | 1.0 | | | | | | | | | |
| Altitude ... | 700 | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 |
| | | | | | | | | | | 1916-19 MEANS. Totals |
| January ... | 2.79 | 4.34 | 4.54 | 1.41 | 3.89 | 2.98 | 2.05 | 2.45 | 3.90 | 10.98 |
| February ... | 3.19 | 2.06 | 1.08 | 2.62 | 3.30 | 3.86 | .68 | 2.81 | 2.88 | 10.23 |
| March | .52 | 3.42 | 4.12 | 2.38 | .69 | 4.73 | 2.51 | 1.58 | 4.98 | 13.60 |
| April | 2.27 | .57 | 3.09 | .86 | 1.33 | 1.26 | 1.50 | 1.55 | 1.41 | 5.72 |
| May | 2.93 | 4.00 | 2.43 | 1.38 | 1.56 | 3.52 | 2.13 | 2.13 | 1.55 | 9.01 |
| June | 3.04 | 3.72 | .86 | 3.39 | .85 | 1.84 | 2.71 | .79 | .62 | 5.96 |
| July | 3.28 | 5.64 | 1.57 | 2.13 | 4.52 | 1.32 | .95 | 2.45 | 4.69 | 9.41 |
| August | 3.90 | 6.27 | 1.33 | 1.54 | 2.72 | 1.63 | 4.39 | 1.90 | 3.24 | 11.16 |
| September .. | .27 | 1.73 | 2.90 | 1.43 | .85 | 1.71 | 1.09 | 7.37 | 2.21 | 12.37 |
| October ... | 2.48 | 3.00 | 4.26 | 2.12 | 1.53 | 4.25 | 3.98 | 1.77 | 3.14 | 13.14 |
| November ... | 3.81 | 2.10 | 2.12 | 4.51 | 3.24 | 4.39 | 1.43 | 1.43 | 2.08 | 9.33 |
| December ... | 4.60 | 3.92 | 1.86 | 6.67 | 7.36 | 2.69 | 1.41 | 4.01 | 4.88 | 12.39 |
| TOTALS ... | 33.08 | N.D. 39.71 | 30.16 | 30.44 | N.D. 33.78 | 24.82 | N.D. 34.46 | | | 123.30 |
| | | | | | 31.84 | | | | | |

1915 Record pronounced not sent

1912-15-18 nat. 1/22 Leth 1/22

Hyde Slá. no. 39-085831

NER: SK (43) 308998

alt. 700 ft. 213 m.

RAINFALL at Worley Service Reservoir

County of N. P. Yorkshire

Observer J. R. Fox Esq. C.E.

River Basin Base-Down

Eng: Barnsley W.W.

Rain Gauge, by

Hyd. Sta. No. 39-085831

| | | | |
|---|---------|------------|--|
| 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 Parish Church. Distance from gauge |

Stocksbridge,

RAINFALL at Wortley (Service Reservoir)

31

County of West RidingObserver J. P. Fox Esq., C.E.River Basin Ouse. Don - 7W. G. Lees Esq., C.E. (1936)

Type of Gauge.....

Annual Average...30.8 in. based on 25 years obs. unweighted. Period of average 1931-1945. Ref. S.

660870/26.

| Diameter | 5" | | | | | | | | | | |
|-----------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|------------------------------|
| Height | 1.0. | | | | | | | | | | |
| Altitude | 700 | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | (1931-40) Means Totals |
| January | 2.45 | 2.85 | 2.27 | 2.50 | 1.38 | 3.49 | 4.82 | 3.92 | 5.15 | 2.67 | 31.50 |
| February | 3.15 | 4.46 | 3.81 | 2.8 | 3.63 | 3.90 | 4.46 | 1.42 | 1.72 | 2.37 | 25.20 |
| March | 1.17 | 1.87 | 2.33 | 2.86 | 1.26 | 2.50 | 3.49 | 2.5 | 2.43 | 2.36 | 19.52 |
| April | 3.90 | 3.34 | 1.39 | 2.35 | 3.19 | 1.34 | 2.60 | 1.19 | 1.80 | 2.76 | 22.86 |
| May | 2.91 | 6.48 | 2.11 | 1.46 | 3.4 | 1.22 | 3.14 | 2.73 | 1.85 | 1.66 | 23.30 |
| June | 4.78 | 1.64 | 1.12 | 1.73 | 2.91 | 4.61 | 1.63 | 2.15 | 2.84 | 1.66 | 23.07 |
| July | 4.55 | 3.55 | 2.24 | 2.35 | .99 | 3.65 | 2.72 | 3.09 | 7.26 | 3.05 | 33.45 |
| August | 6.01 | 2.10 | 0.47 | 1.29 | 2.48 | 1.20 | 5.8 | 2.55 | 2.08 | .52 | 19.28 |
| September | 3.81 | 1.65 | 2.31 | 2.50 | 4.63 | 2.84 | 1.80 | 2.55 | 2.01 | 1.32 | 25.42 |
| October | .91 | 4.20 | 4.54 | 2.35 | 5.90 | 2.81 | 3.51 | 5.69 | 3.80 | 4.67 | 38.38 |
| November | 4.40 | 2.48 | 2.24 | 2.19 | 5.70 | 4.56 | 2.36 | 4.09 | 5.43 | 7.05 | 40.50 |
| December | 1.07 | 1.19 | 0.59 | 4.88 | 3.10 | 3.35 | 3.36 | 3.71 | 2.81 | 2.55 | 26.61 |
| TOTALS | 38.11 | 31.21 | 25.42 | 26.74 | 3551 | 35.47 | 34.47 | 32.34 | 39.18 | 30.64 | 329.04 |

Hyd. Sta. No. 29-085831

Position of Station on reduced Ordnance Survey Map, No. of Map.....
1 mile to 1 inch Series

Reference No. SK(43) 308998

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

BRITISH RAINFALL ORGANIZATION

Stocksbridge,
RAINFALL at Wentley (Reservoir)

Station No. 31444 T.F.

41

County of West Riding, Yorkshire. Observer W. G. Lees, Esq. & C.

River Basin, Ouse, Don, Y.

Type of Gauge.....

Annual Average 32.2 Q.in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S.

File No. b60974ab

| Diameter | 5" | | 085 | 831 | | | | | | | | 1941-50 Means |
|-----------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|------------------|
| Height | 1' 0" | | | | 1 | | | | | | | Total 13 |
| Altitude | 700' | | | | 41 | | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | | |
| January | (3.50) | 2.52 | 4.67 | 4.53 | 2.83 | 3.86 | 3.38 | 7.12 | 1.35 | 1.88 | 35.31 | |
| February | 3.06 | 1.06 | 1.59 | 1.53 | 3.38 | 3.52 | 3.73 | 2.58 | 1.63 | 6.79 | 27.67 | |
| March | 4.62 | 1.93 | 1.18 | 5.52 | 86 | 1.61 | 5.22 | 1.14 | 1.31 | 1.69 | 19.98 | |
| April | 1.68 | 1.76 | 1.88 | 2.39 | 2.12 | 1.48 | 3.56 | 1.61 | 2.94 | 3.18 | 22.55 | |
| May | 2.32 | 3.98 | 3.00 | 2.95 | 4.47 | 2.53 | 2.37 | 1.41 | 1.84 | 2.18 | 27.05 | |
| June | 2.21 | 1.58 | 1.63 | 1.74 | 3.28 | 4.21 | 3.12 | 3.19 | .59 | .98 | 20.48 | |
| July | 2.63 | 2.17 | 1.14 | 2.71 | 1.41 | 3.38 | 1.32 | 1.13 | 4.19 | 1.89 | 21.57 | |
| August | 3.16 | 3.97 | 2.95 | 3.03 | 3.00 | 5.25 | .50 | 4.98 | 1.82 | 3.41 | 32.07 | |
| September | .43 | 1.86 | 3.90 | 4.01 | 1.22 | 4.94 | 1.31 | 1.41 | 1.54 | 3.62 | 24.24 | |
| October | 3.34 | 2.59 | 2.06 | 3.36 | 5.13 | 1.70 | .88 | 1.27 | 3.12 | 1.21 | 24.66 | |
| November | 3.86 | 1.57 | 2.36 | 5.92 | .64 | 6.39 | 2.67 | 1.02 | 4.44 | 4.76 | 33.96 | |
| December | 1.10 | 2.20 | 1.49 | 3.05 | 2.54 | 3.03 | 3.32 | 3.32 | 5.53 | 1.60 | 27.18 | |
| TOTALS | 29.81 | 27.19 | 27.85 | 35.74 | 30.88 | 41.90 | 31.38 | 29.98 | 30.63 | 31.36 | 316.72 | |

1941 Jan. corr'd. for snow.

20004

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

Reference No. SK (43) 308998

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

Stocksbridge,
RAINFALL at Worlaby (Levett Reservoir)

Station No. 3144

75

County of West Riding Yorks. Observer W. G. Lee Esq. C.E.River Basin Der. - Don. 7Type of Gauge SnowdonAnnual Average 30.0 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S
32.16 35 1916-1950 1916-1950 P
File No. E 1821/50 EA 1555/57

| Diameter | 5" | | | 085 | 831 | | | 8" | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1' 0" | | | | 1 | | | | | |
| Altitude | 700' | | | | 51 | | | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 |
| January | 2.86 | 3.47 | .59 | 2.47 | 2.10 | 4.91 | 1.91 | 3.88 | 3.27 | 5.31 |
| February | 3.60 | .62 | 1.87 | 3.05 | 2.41 | 1.29 | 2.91 | 4.72 | .11 | 2.50 |
| March | 3.73 | 2.02 | 1.52 | 2.30 | 3.25 | 1.10 | 1.66 | 2.22 | 1.50 | 2.18 |
| April | 1.49 | 1.80 | 2.43 | .37 | .46 | 2.77 | .23 | .54 | 4.00 | 1.27 |
| May | 4.57 | 2.06 | 2.53 | 4.26 | 3.50 | .62 | 1.02 | 3.40 | 1.08 | 1.98 |
| June | .88 | 1.43 | 2.48 | 1.95 | 3.14 | 3.30 | 1.64 | 5.63 | 1.27 | 1.03 |
| July | 2.12 | 1.81 | 3.14 | 1.54 | .73 | 5.66 | 2.77 | 5.41 | 1.69 | 2.93 |
| August | 5.04 | 2.16 | 3.26 | 5.71 | .36 | 6.07 | 4.44 | 2.72 | 1.15 | 5.82 |
| September | 1.30 | 2.52 | 1.46 | 2.07 | .82 | 3.74 | 3.87 | 2.96 | .02 | 3.70 |
| October | .92 | 5.04 | 2.00 | 4.05 | 2.17 | 1.73 | 1.82 | 2.02 | 2.33 | 7.27 |
| November | 8.06 | 1.70 | 2.31 | 6.68 | 2.28 | .84 | 2.54 | .68 | 4.51 | 4.82 |
| December | 4.43 | 2.04 | 1.41 | 3.61 | 3.31 | 3.89 | 3.40 | 4.09 | 5.23 | 3.53 |
| TOTALS | 39.00 | 26.67 | 25.00 | 37.96 | 24.53 | 35.92 | 28.21 | 38.27 | 26.16 | 42.34 |
| | D | D | D | D | d | D | D | D | D | D |
| | | | | | | | | | | |

INSPECTED APR. 1959 BY W. G. Lee. Satisfactory. If may be replaced by 8" as it is weathered.

(Bald Mtns.)

Position of Station on Ordnance One-Inch map : No. of Map 102 National Grid Reference SK 308 998

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

| Record D, or d | | 1910-19 <u>B</u> | 1920-30 <u>B</u> | 1931-40 <u>B</u> | 1941-50 <u>B</u> | 1951-60 |
|-------------------|--|------------------|------------------|------------------|------------------|---------------|
| | | 10, 12-19 | ✓ | ✓ | ✓ | ✓ but - +1 |
| | | - | - | - | | |