

Rainfall at Thornton Reservoir

50

Leicester.

Diameter of Gauge, in.

Height above Ground, ft. in.

Above Mean Sea Level, ft.

Feb - 14.

| YEAR - | | | | | | 1853 | 1854 | 1857 | 1858 | 1859 | MEANS. |
|-------------|--|--|--|--|--|--------|---------|---------|-------|-------|--------|
| January - | | | | | | | (2.50) | 4.20 | .49 | 1.10 | |
| February - | | | | | | (4.00) | 1.90 | 1.40 | .42 | 1.87 | |
| March - | | | | | | | .42 | 1.30 | .71 | 2.02 | |
| April - | | | | | | H. 85 | 1.20 | 2.40 | 2.68 | 2.32 | |
| May - | | | | | | | 2.75 | 4.40 | 1.32 | 2.23 | 1.35 |
| June - | | | | | | | 2.55 | .30 | 3.14 | 1.39 | 1.89 |
| July - | | | | | | | 4.33 | .60 | 1.95 | 1.51 | 1.60 |
| August - | | | | | | | 1.40 | 3.80 | 6.01 | 3.40 | 3.04 |
| September - | | | | | | | .65 | 3.70 | 3.53 | 2.25 | 2.49 |
| October - | | | | | | | 5.50 | 3.50 | 3.35 | 3.15 | 2.31 |
| November - | | | | | | | .90 | .50 | 1.39 | .72 | 2.09 |
| December - | | | | | | | 1.00 | 3.20 | .50 | 2.32 | 2.32 |
| TOTALS - | | | | | | | (23.92) | (55.02) | 30.71 | 21.27 | 24.40 |

C C C C C

Another g. was placed at Thornton Reservoir in 1857
 Sin: diameter Sep 4.14. Oct. 2.58. Nov 1.82. Dec: .62
 + 12.480 ft

Jan-Mar 1855 + Jan 1856 v. useful at 12.11.12

Thornton, Leicester.
Res.

J. Bevins Esq.

Subsequently shown
to be 37 1/4 ft.

+ Ground 2 ft 8 in

+ Sea Level 420 3/4 X

Trent - H.

| YEAR - - | 1860 | 1861 | 1862 | 1863 | 1864 | 1865 | 1866 | 1867 | 1868 | 1869 | MEANS. |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|
| January - - | 2.83 | .54 | 2.24 | 2.90 | .84 | 1.98 | 1.69 | 3.06 | 1.78 | 2.41 | 2.027 |
| February - - | .57 | 2.31 | .62 | .35 | 2.12 | 1.80 | 2.30 | 1.42 | 1.96 | 2.18 | 1.563 |
| March - - - | 2.10 | 3.11 | 3.40 | .61 | 2.70 | .89 | 1.45 | 2.16 | 2.09 | 1.87 | 2.038 |
| April - - - | .83 | .98 | 1.99 | 1.56 | 1.30 | .40 | .95 | 2.70 | 1.36 | 1.45 | 1.352 - |
| May - - - | 3.21 | 1.89 | 3.35 | .47 | 2.40 | 2.17 | 2.11 | 1.92 | 1.08 | 6.15 | 2.475 |
| June - - - | 4.32 | 1.99 | 2.65 | 3.64 | 2.12 | 2.42 | .41 | 1.76 | .27 | 1.17 | 2.075 |
| July - - - | 1.71 | 6.25 | 2.25 | .91 | .44 | 3.25 | 2.90 | 1.80 | .05 | .59 | 2.023 |
| August - - | 4.98 | .51 | 1.64 | 2.43 | .57 | 4.20 | 4.10 | 2.41 | 3.73 | 1.90 | 2.641 |
| September - | 2.42 | 2.39 | 4.52 | 2.35 | 1.70 | .26 | 5.06 | 3.41 | 2.18 | 3.52 | 2.781 + |
| October - - | 1.64 | 1.60 | 2.74 | 2.75 | 1.67 | 5.74 | 2.20 | 2.39 | 2.52 | .98 | 2.423 |
| November - | 2.69 | 2.35 | .90 | 2.81 | 2.48 | 1.97 | 2.41 | .61 | 1.29 | 2.04 | 1.955 |
| December - | 2.36 | 1.61 | 1.84 | 1.21 | 1.26 | .74 | 2.07 | 2.49 | 5.19 | 3.81 | 2.258 |
| TOTALS - | 29.66 | 25.53 | 28.14 | 21.99 | 19.54 | 25.82 | 27.65 | 26.21 | 23.50 | 28.07 | 25.611 |

H C C C C C C C C C C

RAINFALL AT Thornton Reservoir

Lat..... Lon..... County of..... Leicester
 Rain Gauge, by..... Observer C. Tibbitt Esq.

Inst - 4.

| | | | | | | | | | | | | |
|----------------|-------------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | .10 | | | | | | | | | | | |
| Height | 2.8 | | | | | | | | | | | |
| Altitude | 420. X 371 | | | | | | | | | | | |
| YEAR | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. | |
| January..... | 1.67 | 1.07 | 3.34 | 2.13 | 1.61 | 3.19 | 1.75 | 3.75 | 1.63 | .87 | 2.101 | |
| February..... | 1.47 | 1.28 | 2.42 | .74 | 1.65 | .91 | 2.77 | 1.86 | 1.30 | 2.40 | 1.680 | |
| March..... | 1.55 | .87 | 1.44 | 2.16 | .79 | .52 | 2.83 | 1.94 | .69 | .45 | 1.324 | |
| April..... | .49 | 2.86 | 2.13 | .47 | 1.14 | .91 | 2.98 | 2.62 | 1.46 | 2.21 | 1.727 | |
| May | .80 | 2.07 | 1.43 | 2.30 | 1.38 | 1.33 | .61 | 2.18 | 4.29 | 2.64 | 1.903 | |
| June..... | 1.06 | 3.78 | 4.96 | 3.24 | .71 | 5.55 | 1.55 | .99 | 1.72 | 4.47 | 2.803 | |
| July | 1.16 | 4.22 | 3.40 | 2.96 | .82 | 6.64 | .80 | 2.84 | 1.17 | 3.19 | 2.720 | |
| August..... | 1.61 | .69 | 3.09 | 2.86 | 2.51 | 1.84 | 2.01 | 3.01 | 7.91 | 4.80 | 3.033 | |
| September..... | 1.17 | ⁺ 5.47 | 3.47 | 1.83 | 2.73 | 2.91 | 6.18 | 2.15 | 2.59 | 2.52 | 3.102 | |
| October..... | ⁺ 4.37 | 1.61 | 3.43 | 2.41 | 2.24 | 6.18 | 1.39 | 1.41 | 2.46 | .93 | 2.643 | |
| November..... | 1.65 | 1.10 | 3.83 | 2.73 | 2.69 | 3.95 | 3.41 | 2.91 | 3.08 | 1.12 | 2.647 | |
| December..... | 2.33 | 1.08 | 3.49 | .37 | 2.01 | 1.28 | 4.59 | 1.76 | 1.41 | .75 | 1.907 | |
| TOTALS | 19.33 | 26.10 | 36.43 | 24.20 | 20.28 | 35.21 | 30.87 | 27.42 | 29.71 | 26.35 | 24.590 | |

1876 Dec^r erroneously printed 5.59 in Leicester paper

RAINFALL AT Thornton Reservoir

80

Lat. _____

Lon. _____

County of _____

Leicester

Rain Gauge, by _____

Observer _____

F. Griffith, Esq., L.C.

Trent - 14.

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|----------|
| Diameter | 10 | | | | | | | 8 | | | |
| Height | 2.8 | | | | | | | 1.2 | | | |
| Altitude | 420? | | | | | | | 371 ft | | | |
| Year | 1880 | 1881 | 1882 | 1883 | 1884 | 1885 | 1886 | 1887 | 1888 | 1889 | MEANS. |
| January | .30 | .47 | 2.18 | 2.52 | 2.46 | 1.56 | 2.46 | 2.23 | .97 | 1.29 | 1.644 |
| February | 2.38 | 3.35 | 2.17 | 2.76 | 1.10 | 2.40 | .45 | .54 | .61 | 1.91 | 1.767 |
| March | 1.36 | 1.73 | 1.34 | .80 | 1.40 | 1.08 | 2.42 | 1.39 | 1.95 | 3.80 | 1.727 |
| April | 1.94 | 1.95 | 2.95 | 1.81 | 1.26 | 2.55 | 1.69 | 1.01 | 3.00 | 3.51 | 2.167 |
| May | 1.16 | .86 | 1.57 | 1.97 | 1.22 | 2.20 | 5.31 | 1.75 | .74 | 3.27 | 2.005 |
| June | 3.31 | 1.79 | 4.33 | 3.82 | 1.55 | 2.16 | 1.97 | 1.55 | 1.84 | .86 | 2.318 |
| July | 6.93 | 2.14 | 4.01 | 2.97 | 3.58 | .14 | 2.76 | .74 | 5.33 | 1.38 | 2.998 |
| August | 1.79 | 5.84 | 1.98 | 1.35 | 2.51 | 2.84 | 1.74 | 2.53 | 3.02 | 2.88 | 2.648 |
| September.... | 4.36 | 1.68 | 1.87 | 5.13 | 1.42 | 3.32 | 1.39 | 2.42 | .95 | 2.45 | 2.499 |
| October | 4.85 | 3.04 | 5.57 | 2.37 | 1.79 | 5.74 | 4.93 | 2.12 | .37 | 2.98 | 3.376 |
| November.... | 1.65 | 2.13 | 2.73 | 4.21 | 1.00 | 2.92 | 2.02 | 1.70 | 3.54 | .86 | 2.276 |
| December | 3.34 | 2.64 | 4.32 | .95 | 2.05 | .62 | 3.53 | 1.35 | 1.83 | 2.00 | 2.263 |
| TOTALS | 33.39 | 27.62 | 35.02 | 30.66 | 21.34 | 27.53 | 30.67 | 19.33 | 24.15 | 27.19 | (27.688) |

1887

Thornton Ch

700

N W

New gauge

RAINFALL AT Thomton Reservoir

Lat. _____ Lon. _____ County of Leicester

Rain Gauge, by _____ Observer F Griffith Eng. Cal.

Trent - Lt.

| | | | | | | | | | | | |
|---------------|-------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter | 8 | | | | | | | | | | |
| Height | 1 2 | | | | | | | | | | |
| Altitude | 371 ft | | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. |
| January | 2.43 | 2.36 | 1.15 | 1.70 | 1.02 | 3.60 | 1.37 | 2.09 | 1.28 | 2.90 | 1.990 |
| February | .74 | .00 | 1.47 | 2.77 | 1.94 | .12 | .68 | 3.01 | 1.03 | 1.67 | 1.343 |
| March | 1.85 | 1.31 | .94 | .31 | .93 | 1.73 | 2.21 | 2.36 | .98 | 1.13 | 1.375 |
| April | .92 | 1.88 | .71 | .27 | 1.44 | 2.11 | 1.02 | 1.86 | 1.89 | 2.45 | 1.455 |
| May | 1.58 | 2.83 | 2.26 | 2.68 | 2.29 | .59 | .56 | 1.27 | 3.09 | 3.21 | 2.036 |
| June | 2.04 | 3.56 | 3.05 | .86 | 1.96 | .63 | 1.70 | 2.82 | 1.77 | 1.20 | 1.959 |
| July | 1.34 | 2.73 | 2.31 | 2.86 | 2.55 | 2.87 | 2.31 | .29 | 1.01 | .94 | 2.021 |
| August | 2.78 | 3.42 | 2.01 | 2.29 | 2.47 | 3.33 | 2.55 | 3.17 | 3.74 | 1.26 | 2.702 |
| September.... | 1.56 | 1.28 | 1.83 | 1.69 | 1.17 | .43 | 4.49 | 2.41 | .52 | 5.04 | 2.042 |
| October | 1.66 | 5.25 | 3.13 | 2.25 | 2.57 | 3.38 | 2.90 | 1.44 | 2.99 | 2.49 | 2.806 |
| November.... | 2.93 | 2.51 | 1.28 | 1.87 | 2.24 | 3.33 | 1.50 | 1.50 | 2.25 | 1.41 | 2.082 |
| December | .64 | 3.29 | 1.69 | 1.91 | 2.63 | 2.74 | 3.61 | 3.14 | 1.80 | 2.14 | 2.359 |
| TOTALS | 21.47 | 30.42 | 21.83 | 21.46 | 23.21 | 24.86 | 24.90 | 25.36 | 22.35 | 25.84 | 24.170 |

1860

RAINFALL AT Thornton Reservoir

Lat.

Lon.

County of Leicester

Rain Gauge, by Storley

Observer F Griffiths Esq. Cl.

From R. bank - 4.

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 8 | | | | | | | | | | |
| Height | 1 | 2 | | | | | | | | | |
| Altitude .. | 371 | 8 | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | Means. |
| January .. | 3.84 | 1.24 | .99 | 1.90 | 3.00 | .87 | 3.58 | 1.07 | 1.23 | 1.18 | 1.890 |
| February .. | 3.93 | 1.35 | 1.41 | .98 | 3.52 | .80 | 3.34 | 1.07 | 1.63 | .63 | 1.866 |
| March | 1.01 | 2.15 | 1.48 | 3.28 | 1.67 | 2.96 | 1.71 | 1.49 | 2.93 | 2.79 | 2.147 |
| April | .97 | 1.58 | 1.85 | 2.01 | 1.19 | 1.77 | .74 | 1.81 | 3.51 | 1.25 | 1.668 |
| May | 1.47 | .67 | 2.94 | 3.07 | 1.59 | .21 | 2.23 | 3.66 | 1.39 | 1.44 | 1.867 |
| June | 3.09 | 2.25 | 2.06 | 2.04 | .39 | 2.01 | 3.16 | 3.16 | 1.54 | 3.17 | 2.287 |
| July | 1.85 | 3.79 | 1.57 | 1.73 | 3.46 | 1.25 | 1.14 | 2.98 | 3.10 | 3.71 | 2.458 |
| August | 3.76 | 1.74 | 2.54 | 3.92 | 3.64 | 3.25 | 1.39 | 2.37 | 3.04 | 2.12 | 2.777 |
| September .. | .42 | .92 | 1.41 | 2.54 | 1.81 | 2.06 | 1.06 | .78 | 1.75 | 2.37 | 1.512 |
| October | 2.54 | 1.34 | 2.07 | 5.76 | .68 | 1.27 | 5.21 | 4.88 | .80 | 2.92 | 2.747 |
| November .. | 2.78 | 1.16 | 1.71 | 1.99 | 1.58 | 2.42 | 3.24 | 1.96 | 1.27 | .68 | 1.879 |
| December .. | 4.66 | 4.61 | 1.34 | 1.36 | 1.89 | .81 | 2.43 | 3.24 | 1.66 | 4.29 | 2.629 |
| TOTALS .. | 30.32 | 22.80 | 21.37 | 30.58 | 24.42 | 19.65 | 29.23 | 28.47 | 23.85 | 26.55 | 25.2 |

1906 Thornton Church

Deaford Station

1907 Bagworth M.R. Station

Hub

RAINFALL at Thornton ReservoirCounty of LeicestershireObserver F. Griffith Esq. C.E.River Basin Trent-Right Bank Tributaries 4E. J. Edwards Esq. C.E.Rain Gauge, by W. F. Stanley

| Diameter ... | 8 | | | | | | | | | | | |
|--------------|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Height | 1.2 | | | | | | | | | | | |
| Altitude ... | 371 7 | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 1.89 | .84 | 3.55 | 3.23 | 1.67 | 3.07 | 1.45 | 2.66 | 2.49 | 3.81 | | 6.19 |
| February ... | 2.12 | 2.11 | 1.45 | .84 | 1.35 | 3.11 | 4.74 | 1.17 | 1.87 | 3.01 | | 10.21 |
| March | .62 | 1.86 | 3.20 | 3.96 | 2.55 | 1.08 | 4.71 | 1.70 | 1.18 | 4.11 | | 10.79 |
| April | 2.23 | 1.16 | .31 | 2.73 | 1.35 | 1.06 | 1.32 | 1.34 | 2.15 | 1.70 | | 11.70 |
| May | 2.52 | .86 | 2.73 | 1.93 | 2.01 | 2.11 | 2.24 | 3.14 | 2.35 | 1.14 | | 16.51 |
| June | 1.29 | 2.38 | 3.67 | 1.43 | 2.58 | 1.73 | 1.95 | 2.84 | .87 | 1.04 | | 8.87 |
| July | 2.83 | .20 | 3.73 | 1.03 | 2.83 | 8.31 | 1.23 | 1.88 | 2.37 | 3.14 | | 6.70 |
| August | 3.56 | 2.19 | 6.84 | 1.53 | 2.12 | 2.44 | 2.62 | 5.37 | 1.82 | 2.60 | | 8.62 |
| September .. | .80 | 1.65 | .97 | 1.76 | .60 | 1.34 | 1.06 | 2.18 | 4.36 | 2.54 | | 12.41 |
| October ... | 2.17 | 2.35 | 2.63 | 3.49 | 2.05 | 1.23 | 2.82 | 3.47 | 1.54 | 2.28 | | 10.14 |
| November .. | 4.36 | 2.61 | 1.99 | 2.97 | 3.84 | 2.65 | 3.07 | 1.32 | 1.77 | 2.44 | | 16.11 |
| December ... | 4.73 | 4.52 | 3.97 | 1.01 | 5.56 | 4.93 | 2.63 | 1.33 | 3.21 | 4.33 | | 8.60 |
| TOTALS ... | 29.12 | 22.73 | 35.04 | 25.91 | 28.51 | 33.06 | 29.84 | 28.42 | 25.98 | 32.14 | 29.075 | 116.38 |
| | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | 207 |

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|-----------------|-----------|------------|
| | | | <u>Rayworth</u> | | | <u>Thornton</u> | | |

RAINFALL at Thornton Reservoir

County of LeicestershireObserver G. T. Edwards Esq. B.E.River Basin Grent - Rt. Bank Gripe 4

Engineer & Engineer. Leicester (52)

(1925) Slusher Rain Gauge, by H. F. Stanley

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|------------------|
| Diameter ... | 8 | | | | | | 8 | | | | | |
| Height | 1.2 | | | | | | 1'2 | | | | | |
| Altitude ... | 371 | | | | | | 270 | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. | |
| January ... | 2.79 | 3.03 | 3.70 | 1.61 | 2.66 | 1.98 | 2.88 | 2.67 | 4.44 | 1.49 | 3.34 | Totals. 30.57 |
| February ... | 1.46 | .28 | 2.53 | 4.01 | .65 | 3.06 | 3.19 | 2.06 | 2.24 | .43 | .96 | 20.87 |
| March | 2.53 | 1.32 | 2.05 | 1.40 | 1.16 | 1.24 | 1.15 | 2.59 | 1.86 | .13 | 2.73 | 18.16 |
| April | 4.70 | 1.37 | 2.84 | 1.72 | 2.55 | 1.74 | 2.23 | 1.74 | 1.36 | 1.14 | 3.57 | 24.96 |
| May | 2.34 | 2.29 | 1.29 | 1.95 | 3.91 | 5.07 | 3.80 | 1.34 | 1.28 | 1.81 | 3.12 | 28.80 |
| June | 2.21 | .54 | .93 | .63 | 2.58 | .03 | 1.93 | 4.93 | 3.52 | 1.55 | 1.82 | 20.67 |
| July | 3.65 | .31 | 4.33 | 3.89 | 3.12 | 2.41 | 2.54 | 2.70 | 1.19 | 2.18 | 5.33 | 31.70 |
| August | .85 | 5.05 | 5.61 | 2.29 | 2.83 | 1.87 | 2.63 | 3.31 | 2.81 | 2.12 | 2.74 | 32.11 |
| September... | 2.09 | .72 | 2.55 | 3.36 | 3.44 | 3.33 | 1.52 | 5.10 | .82 | .83 | 4.02 | 27.78 |
| October | 1.44 | 2.35 | .65 | 2.87 | 4.40 | 3.45 | 2.72 | 1.99 | 4.23 | 3.86 | 2.20 | 30.16 |
| November... | .95 | 1.67 | 1.33 | 2.07 | 2.30 | 1.81 | 4.02 | 3.76 | 3.50 | 5.59 | 3.55 | 30.55 |
| December... | 2.52 | 2.29 | 4.07 | 3.54 | 2.48 | 2.44 | 1.00 | 2.22 | 2.06 | 4.73 | 2.21 | 29.86 |
| TOTALS... | 27.53 | 21.22 | 31.88 | 29.34 | 32.08 | 28.43 | 29.61 | 34.41 | 29.31 | 25.86 | 35.64 | 325.31 |
| | D | D | D | D | D | D | D | D | D | D | D | 18.5 |

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 from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|---------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | | | Bagworth | | | Thornton | | |
| 1929 | | | Desford | 2 miles | S.E. | Thornton | 1/2 mile | W.N.W. |

RAINFALL at Thornton Reservoir

County of LeicestershireObserver G. T. Edwards Esq. C.E.River Basin West Right Bank Trib. 4Type of Gauge G. 10258Annual Average 26.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 11

663386106

| Diameter | 8 | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 1 | 2 | | | | | | | | | | |
| Altitude | 370 | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | Totals |
| January | 1.61 | 1.26 | 1.85 | 2.53 | 1.12 | 3.76 | 4.48 | 3.27 | 4.99 | 2.52 | | 27.38 |
| February | 3.31 | .57 | 2.95 | .75 | 2.62 | 2.97 | 3.49 | .90 | 1.19 | 3.00 | | 21.75 |
| March | .09 | 2.16 | 2.99 | 2.03 | .78 | 1.85 | 2.99 | .35 | 2.06 | 2.14 | | 17.44 |
| April | 4.60 | 3.39 | 1.32 | 4.31 | 3.57 | 2.69 | 2.72 | .05 | 1.83 | 2.40 | | 26.88 |
| May | 2.92 | 6.80 | 2.01 | .96 | .68 | .79 | 2.35 | 1.69 | 1.80 | .84 | | 20.84 |
| June | 2.57 | 1.26 | 2.38 | .96 | 3.31 | 4.90 | .62 | 1.64 | 1.48 | .69 | | 19.81 |
| July | 3.65 | 2.94 | 2.64 | 1.28 | .32 | 6.29 | 3.26 | 3.26 | 3.75 | 3.52 | | 29.91 |
| August | 4.73 | 1.31 | .68 | 2.35 | 1.83 | .76 | .69 | 2.86 | 4.59 | .33 | | 20.11 |
| September | 2.36 | 2.49 | 1.40 | 1.62 | 4.80 | 3.07 | 1.80 | 2.50 | 1.00 | .90 | | 21.94 |
| October | .80 | 4.01 | 2.89 | 1.81 | 4.09 | 1.79 | 2.56 | 2.52 | 4.37 | 3.66 | | 28.50 |
| November | 2.39 | 2.26 | 1.72 | 2.44 | 5.13 | 2.45 | 1.69 | 2.52 | 4.17 | 5.57 | | 30.34 |
| December | 1.01 | .71 | .49 | 4.54 | 4.28 | 1.70 | 2.45 | 3.85 | 1.61 | 2.37 | | 23.01 |
| TOTALS | 30.04 | 28.66 | 23.32 | 25.58 | 32.53 | 32.01 | 29.08 | 25.61 | 32.54 | 27.94 | | 287.31 |
| | D | D | D | D | D | D | D | D | D | D | | 42.4 |

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 |
|------|---------|-------|-----------------|---------------------|----------------------|---------------|---------------------|----------------------|
| | | | Defford. | 2 1/4 m | SSE | Thornton. | 1/2 m | WNW. |

Station No. M 2506RAINFALL at Thorton Reservoir

41

County of LeicestershireObserver G. T. Edwards Esq C.E.River Basin Leicestershire & NorthamptonshireLeicester W.W.Type of Gauge GlaisherAnnual Average 26.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. B. 51 N.File No. 66386/26

| Diameter | 8" | | | 114 | 33 | 7 | | | | | | |
|-----------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|-----------------|
| Height | 1' 2" | | | | 1 | | | | | | | |
| Altitude | 370' | | | | 41 | | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | |
| January | 3.51 | 2.66 | 4.64 | 2.43 | 1.80 | 1.83 | 1.77 | 4.31 | 1.18 | .71 | | Totals 24.84 |
| February | 2.47 | .95 | 1.03 | 1.80 | 2.02 | 3.49 | 1.74 | 1.52 | .78 | 4.22 | | 20.02 |
| March | 3.52 | 1.89 | 1.45 | .19 | .73 | 1.08 | 4.71 | 1.04 | 1.84 | .86 | | 17.31 |
| April | 1.76 | 1.17 | 1.04 | 2.19 | 1.40 | 1.86 | 2.22 | 1.74 | 2.45 | 1.65 | | 17.80 |
| May | 2.68 | 3.32 | 3.16 | .58 | 2.08 | 2.22 | 1.26 | 2.52 | 2.61 | 1.85 | | 22.48 |
| June | 1.10 | .12 | 2.26 | 1.79 | 2.64 | 2.46 | 1.30 | 2.25 | .57 | 1.61 | | 16.10 |
| July | 4.45 | 2.15 | 1.06 | 2.22 | 2.49 | 1.99 | 2.69 | 1.24 | 4.63 | 2.26 | | 25.12 |
| August | 4.68 | 2.63 | 1.94 | 1.98 | 1.58 | 5.74 | .21 | 3.95 | 1.79 | 2.59 | | 27.09 |
| September | .40 | 1.17 | 1.91 | 4.11 | 1.14 | 4.14 | 1.00 | 2.61 | 1.67 | 3.15 | | 21.30 |
| October | 2.55 | 3.15 | 2.41 | 2.83 | 3.75 | 1.25 | .34 | 2.60 | 5.36 | .89 | | 25.13 |
| November | 3.17 | 2.52 | 1.91 | 3.56 | .34 | 5.28 | 2.02 | 1.47 | 3.34 | 3.62 | | 27.23 |
| December | 1.13 | 3.10 | .87 | 1.70 | 2.36 | 2.55 | 2.31 | 3.64 | 1.80 | 1.34 | | 20.80 |
| TOTALS | 31.64 D | 25.13 D | 23.68 D | 25.38 D | 22.33 D | 33.89 D | 21.57 D | 28.89 D | 28.02 D | 24.75 D | | 265.28 47.5 |

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1946 | | | Deaford | 2 1/2 m | S.S.E | Thorton | 1/2 m | W.N.W. |

Station No. 2506 M

RAINFALL at THORNTON RESERVOIR

51

County of WILTSHIRE

Observer LEICHTER WATERWORKS.

River Basin TRENT. R. BANK - 4

Type of Gauge..... GAISHER

Annual Average...28.2 in. based on 35 years obs. un-weighted. Period of average...1881-1915 Ref. B of N
28.41 " " " " - 1916-1950 File No. 1916-1950 663386/36 F

File No. 1916-1930 663386/26

| | | | | | | | | | | | | |
|---------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|-------|--------|
| Diameter ... | 8" | | | 114 | 337 | | | | | | | |
| Height ... | 1'2" | | | | 1 | | | | | | | |
| Altitude ... | 369' | | | | 51 | | | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means | Totals |
| January ... | 2.44 | 1.93 | 1.15 | 1.23 | 1.84 | 3.69 | 1.66 | 2.72 | 2.91 | 5.69 | | 23.16 |
| February ... | 2.87 | .71 | 1.62 | 2.41 | 1.95 | .51 | 2.64 | 3.09 | .04 | 2.17 | | 18.01 |
| March ... | 3.37 | 2.87 | 1.56 | 2.05 | 2.75 | 1.05 | 2.29 | 1.50 | 2.04 | 1.88 | | 21.36 |
| April ... | 2.31 | 2.21 | 2.37 | .47 | 1.11 | 1.10 | .15 | .78 | 2.70 | 1.13 | | 14.33 |
| May ... | 3.29 | 2.36 | 2.05 | 2.32 | 4.40 | .59 | 1.31 | 1.78 | .43 | 1.24 | | 19.77 |
| June ... | 1.18 | 1.87 | 3.02 | 3.45 | 2.86 | 3.18 | 1.42 | 3.43 | 1.11 | 3.04 | | 24.51 |
| July ... | 1.07 | .55 | 2.38 | 2.21 | 1.03 | 2.63 | 2.75 | 4.34 | 1.10 | 4.26 | | 22.23 |
| August ... | 5.07 | 3.72 | 2.14 | 4.54 | .61 | 4.21 | 2.93 | 2.80 | .93 | 3.15 | | 30.11 |
| September ... | 1.36 | 1.64 | 1.53 | 1.90 | 1.91 | 2.48 | 5.17 | 2.68 | .11 | 3.96 | | 22.77 |
| October ... | .70 | 2.88 | 2.41 | 3.65 | 1.51 | 1.32 | 1.23 | 2.40 | 2.27 | 5.16 | | 23.55 |
| November ... | 4.90 | 2.00 | 1.32 | 5.02 | 1.86 | .96 | 1.92 | 2.19 | 2.66 | 3.64 | | 26.44 |
| December ... | 1.89 | 2.65 | .97 | 2.77 | 1.60 | 3.00 | 2.28 | 2.96 | 3.92 | 3.66 | | 25.70 |
| TOTALS ... | 30.45 D | 25.39 D | 22.52 D | 32.02 D | 23.43 D | 24.52 D | 26.76 D | 30.67 D | 20.22 D | 38.98 D | | 273.9 |

Position of Station on Ordnance One-Inch map :

No. of Maps

National Grid Reference SK(43)473072

[illegible]

Summary of Earlier Records from 10-year Sheets:

1916-1950. P-accepted

| | | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|--|---------|---------|---------|---------|---------|
| Record D, or d | | ✓ ✓ | ✓ ✓ | ✓ ✓ | ✓ ✓ | |