

RAINFALL AT

Grantham Stainby

80

Lat. _____

LAST.

County of

Lincoln

Witham - 3.

Rain Gauge, by

Observations

Rex W Thorold

RAINFALL AT Grantham Stanby

Lat.

Long.

County of

Lincoln

Rain Gauge, by

Grantham - 3

25.5 1881-1915

Observer

Rev W. Thorold

| Diameter | 4 | | | | | | | | 5 | | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 0.4 | 0.9 | | | | | | | | | |
| Altitude | | | | | | 496 | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS |
| January | 2.31 | 1.52 | 1.17 | 2.01 | 1.66 | 3.62 | 1.04 | 2.66 | .90 | 2.75 | 1.964 |
| February | 1.02 | .16 | 1.56 | 2.11 | 1.99 | .30 | .96 | 3.92 | .53 | 1.50 | 1.405 |
| March | 2.46 | 1.27 | 1.25 | .38 | .50 | 2.37 | 1.67 | 2.49 | 1.18 | .73 | 1.420 |
| April | .60 | 1.72 | 1.53 | .39 | 1.65 | 1.87 | .85 | 1.71 | 1.86 | 2.12 | 1.430 |
| May | 2.72 | 3.22 | 1.89 | 1.06 | 1.69 | .60 | .60 | 1.11 | 3.15 | 2.36 | 1.840 |
| June | 1.83 | 2.95 | 1.58 | .82 | 1.88 | .72 | 2.99 | 2.20 | 1.16 | 1.51 | 1.764 |
| July | 2.31 | 2.75 | 2.41 | 3.24 | 3.16 | 2.65 | 1.86 | .38 | 1.46 | 1.29 | 2.151 |
| August | 2.26 | 4.06 | 1.83 | 2.50 | 3.90 | 1.49 | 1.93 | 3.72 | 3.30 | .99 | 2.598 |
| September | .87 | 1.13 | 2.21 | 1.10 | .75 | .70 | 4.32 | 2.54 | .59 | 3.82 | 1.802 |
| October | 1.11 | 4.64 | 4.73 | 2.26 | 2.99 | 3.74 | 3.82 | .84 | 2.96 | 2.52 | 2.961 |
| November | 3.64 | 3.74 | 1.04 | 2.25 | 2.53 | 3.86 | .95 | .97 | 2.38 | 1.20 | 2.256 |
| December | 1.58 | 3.11 | 1.20 | 1.82 | 1.42 | 1.70 | 3.96 | 2.30 | 1.81 | 1.65 | 2.055 |
| TOTALS | 22.71 | 30.27 | 22.40 | 19.94 | 24.12 | 23.62 | 24.95 | 24.84 | 21.28 | 22.44 | 23.657 |

1890 Stanby Church 100 yards N
 True 30 ft high 60 ft E + W

RAINFALL AT Grantham Stainby

Lat.

Lom.

County of Lincoln South

Rain Gauge, by

Observer Rev W.A.H. ThoroldRev W.L. de B. Thorold

within - 3.

| Diameter .. | 5 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Height | 0.9 | | | | | | | | | | |
| Altitude .. | 496 | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 3.80 | .77 | .70 | 1.83 | 2.80 | .68 | 3.11 | .74 | .83 | .61 | 1.587 |
| February .. | 4.85 | 2.65 | 1.40 | .97 | 2.72 | .72 | 1.51 | 1.00 | 1.11 | .24 | 1.717 |
| March .. | 1.11 | 1.13 | 1.50 | 2.17 | 1.76 | 1.96 | 1.40 | 1.21 | 2.41 | 3.70 | 1.835 |
| April .. | .65 | 1.61 | 1.87 | 1.98 | .85 | 1.35 | .54 | 2.02 | 1.65 | 1.25 | 1.377 |
| May .. | 1.45 | 1.09 | 2.57 | 4.06 | 1.46 | .45 | 1.57 | 2.96 | 2.22 | 1.18 | 1.901 |
| June .. | 1.79 | 2.11 | 1.87 | 1.68 | .31 | 3.41 | 2.66 | 1.94 | .83 | 2.53 | 1.913 |
| July .. | 1.40 | 3.70 | 1.43 | 1.72 | 1.97 | 1.40 | .92 | 2.59 | 2.35 | 3.22 | 2.070 |
| August .. | 3.19 | 1.46 | 3.28 | 4.89 | 1.85 | 2.33 | .88 | 2.55 | 2.71 | 1.96 | 2.505 |
| September .. | .21 | 1.01 | 1.24 | 3.21 | 1.62 | 2.68 | 1.16 | 1.12 | 1.60 | 3.11 | 1.696 |
| October .. | 2.06 | 1.63 | 2.14 | 6.06 | .37 | 1.50 | 4.14 | 5.12 | 1.18 | 2.78 | 2.698 |
| November .. | 1.87 | 1.15 | 2.09 | 1.88 | .92 | 2.55 | 2.15 | 2.15 | .87 | .36 | 1.599 |
| December .. | 4.02 | 4.34 | 1.55 | .82 | 1.43 | .68 | 2.86 | 2.89 | 1.35 | 4.57 | 2.451 |
| TOTALS .. | 26.40 | 22.65 | 21.64 | 31.27 | 18.06 | 19.71 | 22.85 | 26.29 | 19.11 | 25.51 | 23.340 5.03 |

m n s e w

Hub

1903 Stainby Church ⁸⁰ yards N

Corby Station 5 miles E

Trees ["] 70 ft high ²⁰ yards E & W

1905 South Linton Station 3 miles S

House 50 ft high 30 yards N

2532 10

RAINFALL at Grantham Stainby Rectory

County of Lincolnshire

Observer Rev W L de B Thosdol

River Basin Tissham & C

3

Rain Gauge, by

| Diameter ... | 5 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 0 9 | | | | | | | | | | |
| Altitude ... | 496 | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 1.76 | 1.18 | 3.05 | 3.22 | 1.26 | 2.51 | 1.03 | 1.61 | 2.06 | 2.85 | |
| February ... | 2.45 | 1.39 | 1.81 | .65 | 1.07 | 2.60 | 2.99 | .94 | 1.56 | 2.43 | |
| March | .76 | 1.42 | 3.04 | 3.42 | 2.58 | 1.51 | 3.07 | 1.28 | .88 | 3.24 | |
| April | 1.31 | .84 | .20 | 2.22 | 1.37 | .76 | 1.33 | 1.45 | 1.39 | 1.83 | |
| May | 2.78 | 1.95 | 2.23 | 1.83 | 1.57 | 1.61 | 1.66 | 1.73 | 1.76 | 1.76 | |
| June..... | 1.22 | 2.25 | 4.46 | 1.38 | 2.41 | 1.16 | 2.03 | 1.45 | .44 | .75 | |
| July | 1.28 | .12 | 4.50 | .87 | 2.31 | 6.62 | 1.70 | 1.78 | 2.28 | 4.39 | |
| August | 2.83 | 1.38 | 5.55 | 1.21 | 1.47 | 1.76 | 3.27 | 5.53 | 1.67 | 2.50 | |
| September .. | .89 | 1.51 | 1.14 | 1.97 | 1.07 | .98 | 1.35 | 1.79 | 3.90 | 1.92 | |
| October ... | 1.40 | 2.11 | 2.22 | 2.78 | 1.81 | 1.34 | 2.04 | 2.82 | 1.49 | 1.79 | |
| November .. | 2.79 | 1.91 | 1.99 | 2.39 | 3.25 | 2.04 | 2.78 | 1.18 | 1.89 | 1.83 | |
| December ... | 5.41 | 4.64 | 3.47 | .81 | 4.29 | 3.70 | 2.78 | 1.16 | 2.44 | 3.24 | |
| TOTALS ... | 24.88 | 21.00 | 33.66 | 22.75 | 24.46 | 26.59 | 26.03 | 22.72 | 21.74 | 28.53 | |
| | — | — | — | — | — | — | — | — | — | — | |

1910 Not finished bed.
1912 Trees up high 30 ft E + W

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| | | | Southwell | 4 mi | S | Stainby | 100 yds | N |

RAINFALL at Grantham Stainby Rectory

County of Lincolnshire

Observer Rev. W. L. de B. Thorold

River Basin Witham &c

D.a. pattern Rain Gauge, by
(126)

| | | | | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------|
| Diameter ... | 5- | | | | | | | | | | |
| Height | 0 9 | | | | | | | | | | |
| Altitude ... | 496 | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. |
| January | 1.75 | 2.00 | 2.98 | 1.13 | 2.21 | 1.37 | 2.97 | 2.02 | 3.98 | 1.41 | 2.90 |
| February | 1.04 | .50 | 2.52 | 1.03 | .97 | 2.24 | 1.72 | 2.16 | 1.41 | .75 | .25 |
| March | 2.18 | .82 | 1.53 | 2.01 | .51 | .90 | .29 | 2.25 | 1.42 | .10 | 1.59 |
| April..... | 3.91 | 1.12 | 3.68 | 1.40 | 1.83 | 1.40 | 2.44 | 2.32 | .83 | 1.12 | 2.57 |
| May | 1.50 | 1.29 | 1.41 | 1.66 | 2.95 | 3.13 | 2.78 | 1.12 | 2.36 | 1.25 | 2.19 |
| June | 2.11 | .78 | 1.04 | 1.76 | 2.46 | 2.20 | 2.80 | 8.76 | 4.16 | 1.60 | .92 |
| July | 3.23 | .42 | 6.04 | 3.48 | 2.97 | 2.12 | 2.23 | 2.32 | 1.59 | .91 | 3.41 |
| August | .86 | 2.69 | 6.17 | 2.33 | 1.98 | 1.29 | 2.47 | 3.06 | 2.43 | 1.60 | 2.63 |
| September... | 1.43 | .66 | 1.70 | 2.63 | 2.57 | 3.45 | 1.48 | 4.27 | .59 | 1.40 | 5.17 |
| October..... | .97 | 1.34 | 1.30 | 2.99 | 4.75 | 2.69 | 2.22 | 2.45 | 3.88 | 2.91 | 1.61 |
| November... | .75 | 1.63 | 1.21 | 1.89 | 2.19 | 2.29 | 3.19 | 2.06 | 2.64 | 5.15 | 3.21 |
| December... | 2.19 | 1.68 | 3.37 | 2.51 | 2.30 | 1.58 | .60 | 2.73 | 1.41 | 4.35 | 2.11 |
| TOTALS... | 21.92 | 14.93 | 32.95 | 26.82 | 27.69 | 22.66 | 25.19 | 33.42 | 24.60 | 22.55 | 28.56 |

1920. Trees 40 ft high 30 ft E & W.

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

References No.

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1920 | | | South Witham | 4 mi | S | Stanby | 100 yds | N. |

RAINFALL at Stainby Rectory

County of Lincolnshire

Observer Rev. W.L. de B. Thorold.

River Basin Witham &c 3

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

156471/32

| Diameter | 4 | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|-------|
| Height | 0.9 | | | | | | | | | | |
| Altitude | 406 | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 1.84 | .68 | 1.25 | 1.63 | 1.15 | 3.82 | 3.53 | 2.52 | | | |
| February | 2.46 | .64 | 2.66 | .84 | 2.15 | 2.29 | 3.29 | .84 | | | |
| March | .35 | 1.47 | 2.72 | 1.79 | .56 | 1.32 | 2.06 | .26 | | | |
| April | 2.91 | 1.88 | .89 | 1.94 | 2.63 | 1.83 | 2.91 | .06 | | | |
| May | 2.91 | 4.23 | 1.61 | .74 | .70 | .96 | 2.68 | 2.64 | | | |
| June | 2.14 | .68 | 1.77 | .98 | 2.35 | 2.70 | .65 | .86 | | | |
| July | 4.15 | 6.48 | 1.07 | 3.65 | .26 | 4.52 | 3.42 | 2.26 | | | |
| August | 3.31 | 2.07 | .48 | 1.81 | 1.54 | .76 | .62 | 4.48 | | | |
| September | 3.67 | 2.89 | 3.53 | 1.18 | 3.48 | 2.20 | .95 | 1.71 | | | |
| October | 4.4 | 3.16 | 2.59 | .54 | 3.01 | 1.59 | 3.07 | 2.50 | | | |
| November | 2.30 | 1.63 | 2.32 | 2.24 | 4.28 | 2.13 | 1.29 | 2.16 | | | |
| December | .65 | .44 | .21 | 4.35 | 2.56 | 1.70 | 2.60 | 3.78 | | | |
| TOTALS | 27.13 | 25.60 | 21.10 | 21.72 | 24.67 | 25.82 | 27.07 | 24.07 | | | |
| | 3 | 2 | d | 20 | 21 | d | d | d | X | | |

Trees 60' high 90' E & W

Refined T. Rev. Thorold by post Oct 20 1935

Up to 1940. No return for 1939 has been received from the Doctor - the successor to Rev. W.L. de B. Thorold. The station is therefore terminated.

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| | | | S. Witham | 4 m S. | | Stainby | 100yds N. |

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