

RAINFALL AT Warneford Asylum

Lat.

Lon.

County of Oxford

Ordinary Copper Rain Gauge, by

Observer James Neil Esq. M.A.

R.D.W. 3

| | | | | | | | | | | | | |
|-----------------|------|------|------|------|------|------|------|------|------|------|--------|-----------|
| Diameter | | | | | | | | | | | 5 | |
| Height | | | | | | | | | | | 10 | |
| Altitude | | | | | | | | | | | 300 | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. | |
| January | | | | | | | | | | | | |
| February | | | | | | | | | | | 1.54 | .78 |
| March | | | | | | | | | | | .84 | .43 |
| April | | | | | | | | | | | 2.38 | 2.43 |
| May | | | | | | | | | | | 4.48 | 1.56 |
| June | | | | | | | | | | | 1.31 | 2.09 |
| July | | | | | | | | | | | 1.24 | 3.33 |
| August | | | | | | | | | | | 2.76 | 2.46 2.47 |
| September | | | | | | | | | | | 1.22 | 2.84 3.27 |
| October | | | | | | | | | | | .88 | 1.39 2.38 |
| November | | | | | | | | | | | 5.44 | 1.02 3.50 |
| December | | | | | | | | | | | 2.09 | 1.01 .76 |
| TOTALS | | | | | | | | | | | 3.70 | 2.04 2.89 |
| | | | | | | | | | | | 22.54 | 25.89 |

1907 Cowley St John's Church 1/4 mile S
 Oxfordshire 3 miles W
 Wall 10 ft high 25 yards S+E

RAINFALL at Oxford Warneford AsylumCounty of OxfordshireObserver D. J. NeilRiver Basin Thames - Cherwell 3Drawn D. A. W. O'Neill (15)

Rain Gauge, by _____

| Diameter ... | <u>5</u> | | | | | | | | | | | |
|--------------|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Height | <u>1.0</u> | | | | | | | | | | | |
| Altitude ... | <u>380</u> | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. | |
| January ... | 1.35 | .80 | 4.52 | 2.67 | .57 | 2.59 | 1.68 | 1.13 | 2.33 | 3.16 | | |
| February ... | 2.57 | 1.44 | 2.05 | .89 | 1.71 | 3.21 | 4.17 | 1.17 | 1.09 | 1.49 | | |
| March | .56 | 1.89 | 2.97 | 2.25 | 3.76 | 1.14 | 5.18 | 1.52 | .57 | 3.42 | | |
| April | 2.17 | 1.31 | .00 | 2.71 | .81 | .82 | .93 | 1.35 | 3.17 | 2.23 | | |
| May | 1.51 | 2.40 | 2.11 | 2.20 | 1.41 | 3.30 | 2.02 | 1.94 | 1.69 | .43 | | |
| June | 3.03 | 1.32 | 2.97 | .44 | 2.34 | 1.46 | 2.01 | 2.24 | 1.20 | 1.06 | | |
| July | 1.72 | .31 | 2.98 | .69 | 2.96 | 3.64 | 1.62 | 3.73 | 4.28 | 2.48 | | |
| August | 1.48 | 1.13 | 4.70 | .69 | 2.03 | 1.55 | 3.24 | 3.52 | 1.06 | 2.56 | | |
| September .. | .89 | 1.23 | 1.10 | 1.51 | .83 | 2.75 | .73 | 1.67 | 4.78 | 1.25 | | |
| October ... | 3.78 | 2.25 | 2.94 | 4.99 | 1.99 | 2.37 | 3.67 | 4.05 | 1.81 | 1.42 | | |
| November ... | 2.79 | 2.37 | 1.75 | 2.35 | 2.53 | 2.02 | 3.01 | .65 | 2.12 | 1.26 | | |
| December ... | 4.44 | 4.63 | 3.27 | .76 | 5.11 | 4.40 | 2.18 | .93 | 2.15 | 4.05 | | |
| TOTALS ... | 25.79 | 21.08 | 31.36 | 22.15 | 26.05 | 29.25 | 30.44 | 23.90 | 26.25 | 24.79 | | |

1913 Dens 18 ft high 19 yards { E
4 Gall 8 ft 28 {

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|---------|-----------|------------|
| | | | Oxford | | | Cowley | 14 m | SE |

RAINFALL at Headington, Warneford Asylum

County of Oxfordshire

Observer D^r. A. W. Neill

River Basin Thames-Cherwell 3

(1926) N.W.O. Rain Gauge, by

1980. G. read 10.am summer sunrise.

Open Trees at 50 yds distance - 60' high.

| 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 | Parish Church. | Distance from gauge |
| 1929 | | | Greford | 2 1/2 mi W | Cowley | 1/4 mi S E |
| | | | " | 3 mds N | Headington | 2 mds E. N. E. |
| | | | " | 2 1/2 mi E | " | 1 1/4 mi SSW |

RAINFALL at Headington (Warneford ~~and~~ Mental Hospital)

County of Oxfordshire

Observer Dr. P.W. Neill.

River Basin Thames - Cherwell - 3.

Date of observations (1931).

Type of Gauge Glaisher

Annual Average 23.3...in. based on 31...years obs. un-weighted. Period of average 1881 - 1915 Ref. Survey

| Diameter | 5. | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1.0. | | | | | | | | | | |
| Altitude | 300. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 1.18 | 1.65 | 1.65 | 1.60 | 1.53 | 3.00 | 2.95 | 2.34 | 3.79 | 2.79 | 2128 |
| February | 1.77 | 1.3 | 2.48 | 1.24 | 1.78 | 1.49 | 4.24 | .87 | 77 | 1.67 | 1544 |
| March | 1.09 | 1.76 | 2.14 | 1.75 | 1.56 | 1.64 | 2.94 | .38 | 1.51 | 2.63 | 1540 |
| April | 2.93 | 2.13 | 1.09 | 1.84 | 3.15 | 1.56 | 2.65 | .05 | 3.06 | 2.03 | 2048 |
| May | 2.83 | 5.30 | 1.68 | 1.63 | 1.33 | 1.40 | 2.71 | 2.13 | 1.21 | 1.36 | 1958 |
| June | 3.00 | 1.56 | 1.19 | 1.87 | 3.80 | 2.82 | 1.94 | .62 | 1.89 | 1.65 | 1784 |
| July | 3.05 | 2.90 | 1.95 | .99 | 1.54 | 3.28 | 1.47 | 1.01 | 3.87 | 2.79 | 2185 |
| August | 3.86 | 1.70 | .91 | 1.57 | 1.72 | .94 | .41 | 3.12 | 1.72 | .05 | 1600 |
| September | 2.87 | 2.07 | 1.90 | 1.87 | 4.26 | 3.01 | 2.08 | 1.44 | .54 | .77 | 2131 |
| October | 1.72 | 4.21 | 1.48 | 1.44 | 3.43 | 1.45 | 2.47 | 2.45 | 5.42 | 2.63 | 2570 |
| November | 2.66 | 1.27 | 1.03 | 1.53 | 3.91 | 2.23 | 1.23 | 2.67 | 3.51 | 6.63 | 2667 |
| December | 1.48 | .76 | .28 | 5.08 | 2.66 | 1.57 | 1.62 | 2.48 | 1.40 | 1.53 | 1882 |
| TOTALS | 26.74 | 24.74 | 17.78 | 19.81 | 27.67 | 23.39 | 26.71 | 19.56 | 28.68 | 25.53 | 24037 |

1936 Trees 20' high, 40' S. small shrubs & hedges 2-3' high, 15' S.E.

| Position of Station on reduced Ordnance Survey Map, | | | | No. of Map..... | Reference No.... |
|---|---------|-------|------------------|---------------------|------------------|
| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction |
| 1931 | | | Gledhill | 2.5 mi. | NW |

Station No. 1053

RAINFALL at Headington (Warneford) Mental Hospital

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County of Oxfordshire

Observer Dr. M.H. McInnes

River Basin Thames-Cherwell-3

Type of Gauge Glaisher

Annual Average 23.3 in. based on 31 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 307724/34

| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|
| Diameter | 5" | | 259 | 773 | | | | | | | |
| Height | 1' 0" | | | | 1 | | | | | | |
| Altitude | 300' | | | | 41 | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 2.03 | 2.67 | 3.39 | 1.42 | 1.62 | 1.21 | 1.29 | | | | |
| February | 2.29 | .56 | .82 | .82 | 1.70 | 2.07 | 1.23 | | | | |
| March | 2.40 | 2.03 | .72 | .21 | .75 | .95 | 4.11 | | | | |
| April | 1.05 | 1.13 | 1.03 | 1.25 | 1.27 | 1.45 | 1.61 | | | | |
| May | 1.68 | 2.52 | 2.24 | .69 | 2.58 | 3.13 | 1.50 | | | | |
| June | 1.87 | .24 | 1.74 | 2.06 | 2.95 | 2.21 | .93 | | | | |
| July | 4.48 | 1.75 | .98 | 2.03 | 2.37 | 1.01 | 1.56 | | | | |
| August | 3.13 | 3.67 | 2.14 | 1.50 | 1.09 | 2.51 | .66 | | | | |
| September | .31 | 1.14 | 1.57 | 2.53 | 2.08 | 2.87 | 1.27 | | | | |
| October | 1.12 | 3.41 | 2.21 | 3.44 | 2.57 | .95 | .31 | | | | |
| November | 2.59 | 1.88 | 1.30 | 3.36 | .15 | 4.67 | 1.54 | | | | |
| December | 1.14 | 3.08 | 1.00 | 1.44 | 3.61 | 1.87 | 1.89 | | | | |
| TOTALS | 24.09 | 24.08 | 19.14 | 20.75 | 22.74 | 25.90 | 17.90 | N.R. | | | |

Buildings 40' high 100' E. Trees 40' high 50'S. Posts 20' high 60' W. Greenhouse 11 ft. 60' N.

of 11

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

Reference No. GP 537060

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Direction | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1941 | | | Oxford | 2 m. | N.W. | Headington | 1/4 m | N.E. |

BRITISH RAINFALL ORGANIZATION