

RAINFALL AT York Bellevue House

70

Lat.

Lon.

County of

Rain Gauge, by

Observer J. Burtt

| | | | | | | | | | | | |
|---------------------|-------|-------|-------|------|-------|-------|-------|-------|-------|------|--------|
| Diameter | | | | | | | | | | | |
| Height | | | 5 | | | | | | | | |
| Altitude | | | 1 - | | | | | | | | |
| Year | 1870 | 1871 | 1872 | 1873 | 1874 | 1875 | 1876 | 1877 | 1878 | 1879 | MEANS. |
| January | .51 | 2.29 | 2.01 | 1.07 | 2.14 | .87 | 3.43 | 1.54 | 1.03 | | |
| February | 1.93 | 2.30 | .73 | 1.00 | .87 | 1.93 | 2.02 | .84 | 2.41 | | |
| March | .69 | 1.93 | 2.08 | 1.00 | .75 | 3.29 | 2.84 | .69 | .75 | | # |
| April | 2.60 | 2.45 | .46 | 1.38 | .38 | 1.77 | 3.18 | 1.19 | | | |
| May | 1.22 | 1.09 | 2.08 | 1.78 | 1.52 | .66 | 1.79 | 3.37 | | | |
| June | 3.75 | 4.66 | .88 | .78 | 3.20 | 1.69 | 1.49 | 2.69 | | | |
| July | 2.55 | 4.56 | 2.45 | 1.38 | 2.80 | 1.66 | 2.98 | 1.32 | | | |
| August | .81 | 2.70 | 1.91 | 1.68 | 1.68 | 1.71 | 4.06 | 5.29 | | | |
| September | 1.08 | 6.91? | 2.93 | 1.36 | 2.29 | 2.41 | 4.44 | 3.26 | 2.78 | | |
| October | 5.10 | 2.60 | 3.51 | 1.75 | 2.16 | 3.59 | 2.65 | 2.42 | 1.32 | | |
| November | 1.50 | .84 | 3.36 | | 2.48 | 3.31 | 3.30 | 1.63 | 2.59 | | |
| December | 2.69? | 1.24 | 3.35 | | 2.78? | .61 | 5.88 | 1.72 | 1.33 | | |
| TOTALS | | 24.65 | 35.13 | | 19.78 | 23.26 | 29.85 | 30.82 | 24.95 | | |

1873 Nov & Dec no observations observer ill.

1874 Jan & Dec amounts slightly doubtful

1879 House 35 ft high 45 ft E Trees 50 ft high 40 ft N
Tree 50 - 40 - N

1879 Gauge moved to Park Street

RAINFALL AT York The Retreat

Lat.

Len.

County of York

Rain Gauge, by

Observer D^r St. J. MackenzieHouse - Wharf 10

| | | | | | | | | | | |
|----------------|------|------|------|------|------|------|------|--------|-------|-------------|
| Diameter | | | | | | | | 5 | | |
| Height | | | | | | | | 1 - 0 | | |
| Altitude | | | | | | | | 74 | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 MEANS. |
| January | | | | | | | | 1.75 | .53 | 1.58 |
| February | | | | | | | | 1.63 | .97 | .83 |
| March | | | | | | | | 2.16 | 1.33 | .64 |
| April..... | | | | | | | | 1.80 | 2.33 | 1.62 |
| May | | | | | | | | 1.04 | 1.94 | 3.56 |
| June | | | | | | | | 2.76 | 1.81 | 1.40 |
| July | | | | | | | | .81 | 1.02 | 1.25 |
| August | | | | | | | | 3.90 | 3.02 | .87 |
| September.... | | | | | | | | 2.50 | .92 | 1.84 |
| October..... | | | | | | | | # 3.74 | 1.84 | 2.95 2.00 |
| November.... | | | | | | | | 1.37 | 2.31 | 2.50 .74 |
| December | | | | | | | | 3.01 | 1.32 | 1.42 2.44 |
| TOTALS | | | | | | | | 23.82 | 20.74 | 18.67 |

RAINFALL AT York The Retreat

Lat.

Lon.

County of

W.R. York

Rain Gauge, by N.F.J.

Observer Dr H. J. Mackenzie

Shafte - 10.

| Diameter .. | 5 | | | | | | | | | | | MEANS. |
|--------------|-------|------|------|------|-------|-------|-------|-------|-------|-------|--|--------|
| Height .. | 10 | | | | | | | | | | | |
| Altitude .. | 74 | | | | | | | | | | | |
| Year .. | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | | |
| January .. | 2.47 | | | | 2.02 | .52 | 2.79 | .81 | 1.18 | .65 | | |
| February .. | 2.71 | | | | 2.21 | .83 | 1.72 | 1.09 | 1.88 | .57 | | |
| March .. | .52 | | | | 1.58 | 1.76 | 1.46 | 1.09 | 2.78 | 3.28 | | |
| April .. | .82 | | | | 1.62 | 2.21 | 1.16 | 1.35 | 2.04 | 2.30 | | |
| May .. | 1.01 | | | | 2.70 | .79 | 1.43 | 3.34 | 2.05 | 1.52 | | |
| June .. | 1.75 | | | | .74 | 3.02 | 1.09 | 3.61 | .99 | 2.29 | | |
| July .. | 1.54 | | | | 1.59 | 1.57 | 1.00 | 1.72 | 2.53 | 2.71 | | |
| August .. | 3.39 | | | | 3.33 | 3.73 | 2.05 | 1.85 | 2.20 | 3.09 | | |
| September .. | 1.02 | | | | 1.13 | 2.32 | .49 | .85 | 1.83 | 1.56 | | |
| October .. | 2.42 | | | | .70 | 1.34 | 4.70 | 4.49 | .72 | 2.29 | | |
| November .. | 2.54 | | | | 1.67 | 3.44 | 2.72 | 2.84 | 1.52 | .33 | | |
| December .. | 2.50 | | | | 1.50 | .23 | 1.67 | 2.89 | 1.55 | 4.53 | | |
| TOTALS .. | 22.69 | | | | 20.79 | 21.76 | 22.28 | 25.93 | 21.27 | 25.12 | | |

D D D D D D

1900 Rainfall 5 or 6 inches short

St Lawrence Church 540 yards N.W

1908 York Station 1 1/2 miles W.N.W

RAINFALL at York The Retreat

County of N.R. Yorkshire
Left bank - 3.

Observer G H. J. Mackenzie

River Basin Once ~~twice~~

Snowdon Rain Gauge, by

| Diameter ... | 5 | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height | 10 | | | | | | | | | | |
| Altitude ... | 741 | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 2.07 | 1.37 | 3.46 | 3.15 | 1.54 | 2.72 | .73 | 3.05 | 1.68 | 2.68 | |
| February ... | 1.99 | .93 | 1.23 | .63 | 1.08 | 2.52 | 2.83 | .78 | 2.17 | 1.81 | |
| March | .45 | 1.10 | 2.87 | 2.23 | 1.95 | 1.12 | 2.88 | 1.78 | 1.06 | 3.39 | |
| April | 2.43 | 1.04 | .06 | 2.73 | .54 | 1.01 | .91 | 1.86 | .95 | 1.52 | |
| May | 2.62 | 1.29 | 2.97 | 1.94 | 1.35 | 1.49 | 2.21 | 1.19 | 2.49 | .82 | |
| June | 2.07 | 3.21 | 5.98 | 1.54 | 2.05 | 1.07 | 1.59 | 2.31 | .88 | 1.17 | |
| July | 2.83 | 1.36 | 4.26 | .51 | 4.28 | 3.55 | 2.00 | 1.10 | 2.79 | 3.78 | |
| August | 2.85 | 1.56 | 4.83 | .77 | 1.29 | 2.36 | 3.17 | 5.11 | 2.67 | 2.46 | |
| September .. | .21 | 2.52 | 1.63 | 1.30 | 1.04 | 2.07 | .95 | .58 | 6.62 | .92 | |
| October ... | 2.01 | 2.44 | 2.81 | 2.42 | 1.88 | .84 | 2.67 | 3.06 | 1.22 | 3.80 | |
| November .. | 2.61 | 3.17 | 2.25 | 2.08 | 2.74 | 1.51 | 1.98 | 1.74 | 1.58 | 1.85 | |
| December ... | 2.16 | 3.83 | 1.95 | 1.17 | 4.47 | 5.00 | 2.00 | 1.00 | 3.88 | 3.64 | |
| TOTALS ... | 24.30 | 23.82 | 34.24 | 20.47 | 24.21 | 25.26 | 23.92 | 23.56 | 27.99 | 27.04 | |

Nothing within 10 miles

| Date. | Lat. N. | Long. W. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|--------|---------|----------|------------------|-----------|------------|-------------|-----------|------------|
| 53°57' | 1°44' | | York NER | 1½ m | WNW | St Laurence | 540 yds | N.W. |

Friends

RAINFALL at York The Retreat

County of N. R. Yorkshire
River Basin ~~Yare & Don~~ - 3.

Observer Dr. H. J. Mackenzie

Dr. Neil Macleod (1924)

Snowdon Rain Gauge, by Casella

| Diameter ... | 5" | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|------|----------------------|------|------|--------|
| Height | 10 | | | | | | | | | |
| Altitude ... | 73 | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | MEANS. |
| January ... | 2.58 | 1.85 | 2.92 | 1.95 | 2.41 | | | | | |
| February ... | 1.08 | .15 | 2.25 | 3.87 | .97 | | | | | |
| March | 1.98 | .87 | 1.90 | 1.35 | 1.34 | | | | | |
| April..... | 3.64 | 1.34 | 1.62 | 1.07 | 2.05 | | | | | |
| May | 2.29 | 1.49 | .97 | 2.49 | 3.31 | | | | | |
| June | 2.58 | .27 | 1.19 | .81 | 1.62 | | | | | |
| July | 5.93 | .96 | 5.01 | 2.53 | 3.56 | | | | | |
| August | 1.44 | 3.86 | 3.75 | 2.03 | 2.54 | | | | | |
| September... | 1.21 | .67 | 1.89 | 3.03 | 2.46 | | | | | |
| October..... | 2.01 | 1.90 | .89 | 1.99 | 2.58 | | | | | |
| November... | 1.04 | 1.84 | 1.33 | 2.33 | 1.92 | | | | | |
| December... | 2.29 | 2.03 | 2.77 | 3.10 | 2.18 | | | | | |
| TOTALS... | 28.07 | 17.23 | 26.49 | 27.59 | 26.94 | ff | Imp. 2. f 702631 26. | | | |

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 |
|-------|---------|----------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1920 | 53° 57' | 1° 4' | York N.E.R | 1/2 mi | W.N.W. | St. Lawrence | 5.207ds | NW |

Station No. 3325/5

RAINFALL at York (The Rekent)

41

County of *Yorks, West Riding*
 River Basin *Ouse, Wharfe, L. Aire*
 Type of Gauge *Snowdon*

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

Ref.

File No. 816679/28 ✓

| | | | | | | | | | | |
|-----------|------|------|------|-------|-------|-------|--------|-------|-------|------------|
| Diameter | 060 | 548 | 5 | | | | 5" | | | |
| Height | | | 110 | | | | 0' 11" | | 1' 0" | |
| Altitude | | | 4140 | | | 60' | 60 | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 Means |
| January | | | | 2.57 | 3.41 | 2.31 | 2.72 | 5.19 | .79 | 1.45 |
| February | | | | 1.89 | 2.00 | 2.07 | 2.11 | 1.23 | .71 | 3.73 |
| March | | | | .53 | .91 | .95 | 4.53 | .71 | 1.57 | 1.11 |
| April | | | | 2.55 | 1.37 | 1.78 | 1.79 | 1.64 | 2.55 | 2.93 |
| May | | | | 1.19 | 2.22 | 1.73 | 1.49 | 1.32 | 1.91 | 1.59 |
| June | | | | 2.57 | 2.73 | 2.17 | 2.73 | 3.75 | .56 | 1.20 |
| July | | | | 2.35 | .95 | 2.68 | 2.64 | .47 | 2.72 | 2.13 |
| August | | | | 3.49 | 2.07 | 4.00 | .28 | 3.76 | 1.65 | 4.67 |
| September | | | | 4.65 | 2.06 | 4.17 | 1.70 | 1.14 | .62 | 2.87 |
| October | | | | 2.73 | 3.62 | .72 | .89 | 1.28 | 2.56 | 1.34 |
| November | | | | 3.91 | .36 | 5.75 | 1.42 | 1.12 | 3.23 | 3.64 |
| December | | | | 1.68 | 1.60 | 2.39 | 2.04 | 2.23 | 2.18 | 1.93 |
| TOTALS | | | | 30.11 | 23.30 | 30.72 | 24.34 | 24.34 | 21.05 | 28.69 |

1944 Glasshousees 16 ft. high 30° N.E
 Trees 12 to 20 ft high 50° E 30° N.W. S

Note: The station is in S. Ridg. & it has already been transferred to appropriate 10 year book
 7-8-47

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|
| 1950 | | | YORK | 2miles | | St Lawrence | 2m |

Station No. 3384/2

51

RAINFALL at York (The Retreat)

County of East Riding Yorks. Observer The Secretary

River Basin Ouse - Left Bank Trib. 1

Type of Gauge Snowden

Annual Average in. based on years obs. un-weighted. Period of average 1916-50
 " " 26.56 " 14 " 1944-57 " " 1944-57 File No. 816679/28

| Diameter | 5" | | 060548 | | | | | | | | |
|-----------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1'0" | | 1 | | | | | | | | |
| Altitude | 60' | | 51 | | | | | | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January | 1.96 | 1.67 | .49 | 1.43 | 1.65 | 4.72 | 1.15 | 2.62 | 2.20 | 5.25 | |
| February | 2.55 | .38 | 2.18 | 2.45 | 1.74 | 1.80 | 2.61 | 3.96 | .27 | 1.70 | |
| March | 2.59 | 1.70 | .26 | 1.87 | 2.22 | 1.17 | 1.85 | 2.37 | 1.14 | 1.05 | |
| April | .94 | .98 | 2.18 | .24 | 1.09 | 2.02 | .12 | .79 | 2.99 | 0.95 | |
| May | 4.23 | 1.39 | 1.79 | 2.74 | 2.53 | .86 | .77 | 3.51 | .49 | 0.70 | |
| June | 1.02 | 1.97 | 1.53 | 1.96 | 2.48 | 2.75 | 2.17 | 3.82 | 1.86 | 0.62 | |
| July | 2.27 | 1.67 | 2.07 | 2.00 | 1.04 | 4.32 | 4.00 | 3.35 | 2.32 | 6.38 | |
| August | 6.45 | 1.94 | 2.97 | 7.25 | .69 | 6.26 | 4.62 | 2.46 | .27 | 2.60 | |
| September | 1.79 | 3.88 | 1.45 | 2.08 | 1.18 | 1.78 | 3.46 | 2.64 | .12 | 3.27 | |
| October | 1.76 | 2.64 | 1.71 | 3.27 | 1.61 | 1.35 | 2.28 | 1.36 | 1.76 | 5.37 | |
| November | 5.34 | 1.72 | 2.17 | 4.78 | 2.00 | .67 | 1.65 | .73 | 2.87 | 4.45 | |
| December | 2.15 | 1.81 | 1.39 | 2.15 | 3.62 | 2.35 | 2.65 | 3.78 | 3.18 | 2.30 | |
| TOTALS | 33.05 | 21.75 | 20.19 | 32.17 | 21.85 | 30.05 | 27.33 | 31.39 | 19.47 | 34.64 | |
| | D | D | D | D | D | D | D | D | D | D | |

1951. Flowers 3rd high June - Sept. 6°N.

1956 Chrysanth June 10 Sept. (near mid of year) 4° at 6°N

1957 2nd in 1956 but moved to South Hill Park.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 584615501

| Date. | Lat. N. | Long. | Railway Station. | Distance from gauge | Parish Church. | Distance from gauge. |
|-------|---------|-------|------------------|---------------------|----------------|----------------------|
| 1951 | | | York. | 2m. NW. | St. Lawrence | 1/2m NW. |

Summary of Earlier Records from 10-year Sheets :

| Record D. or d | | 1910-19 | 1920-30 | 1931-40 | 1941-50 153 | 1951-60 |
|----------------|--|---------|---------|---------|-------------|---------|
| | | | | | C 1944 | |