

RAINFALL AT Halifax Public Library

Lat. _____

Lon. _____

County of York

Rain Gauge, by _____

Observer J. Whiteley Esq

Use. Air & Balder 8

| | | | | | | | | | | | | |
|---------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | | 12 | | | | 8 | | | | | | |
| Height | | 1.0 | | | | | | | | | | |
| Altitude | | 625 | | | | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. | |
| January | | | 2.97 | 1.00 | 3.54 | 3.54 | 1.06 | 2.25 | 1.95 | 5.67 | | |
| February | | | 2.33 | 3.87 | 6.48 | .44 | 1.54 | 3.17 | 2.86 | 1.66 | | |
| March | | | 1.16 | .86 | 3.27 | 3.08 | 5.90 | 4.20 | 1.47 | 2.32 | | |
| April | | | 1.35 | .70 | 3.02 | 2.03 | 1.30 | 2.50 | 2.79 | 2.64 | | |
| May | | | 3.45 | 1.81 | 1.83 | .71 | .47 | 1.54 | 2.15 | 2.86 | | |
| June | | | 3.52 | 2.15 | 2.46 | 4.67 | 2.84 | 3.01 | 2.30 | 1.88 | | |
| July | | | 2.24 | 2.31 | 3.00 | 6.05 | 1.42 | .74 | .91 | 1.59 | | |
| August | | | 2.75 | 2.00 | 2.86 | 2.57 | 1.41 | 2.67 | 4.00 | 1.71 | | |
| September... | | | 2.74 | 1.83 | .34 | 1.42 | 6.27 | 3.35 | .41 | 6.68 | | |
| October..... | | | 7.08 | 2.97 | 5.03 | 3.92 | 4.60 | 1.77 | 4.32 | 3.91 | | |
| November.... | | 3.15 | 2.11 | 3.09 | 1.73 | 3.91 | 1.46 | 3.85 | 2.46 | 1.78 | | |
| December | | 8.44 | 1.36 | 3.56 | 2.44 | 4.53 | 3.75 | 3.84 | 4.23 | 2.63 | | |
| TOTALS | | | 33.06 | 26.15 | 36.00 | 36.87 | 32.02 | 32.89 | 29.85 | 35.33 | | |

1892 St Johns Church 1 Mile NE
 Shrubs 6 ft high 30 ft W
 Buildings 60 " E

RAINFALL AT *Halifax Public Library*

Lat.

Lon:

County of *York W. Central*

Snowdon

Rain Gauge, by

Observer, *St. John's, Esq.*

E. J. J. J.

Aire & Calder 8

| | | | | | | | | | | | | |
|--------------|------|------|------|-------|------|------|------|------|------|------|-------|--|
| Diameter .. | 8 | | | | | | | | | | | |
| Height | 10 | | | | | | | | | | | |
| Altitude .. | 6251 | | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEAN. | |
| January .. | 4.77 | 2.28 | 2.24 | 3.57 | 3.48 | 1.55 | 4.80 | 1.55 | 2.49 | 2.09 | 2882 | |
| February .. | 5.74 | 1.37 | 1.36 | 4.25 | 5.09 | 1.72 | 2.67 | 2.31 | 3.11 | 1.45 | 2907 | |
| March | 1.02 | 3.00 | 1.80 | 5.41 | 2.25 | 2.78 | 3.05 | 2.86 | 3.31 | 3.27 | 2875 | |
| April | 1.44 | 1.84 | 2.10 | 1.65 | 2.24 | 2.49 | 1.50 | 2.33 | 2.54 | 3.10 | 2123 | |
| May | 1.27 | 1.09 | 3.02 | 3.58 | 2.57 | .52 | 2.51 | 3.09 | 1.95 | 2.36 | 2196 | |
| June | 2.89 | 1.01 | 1.37 | 1.19 | .77 | 1.81 | 1.00 | 4.73 | 1.58 | 2.50 | 1885 | |
| July | 3.51 | 2.16 | 2.23 | 2.73 | 2.63 | 1.91 | 2.12 | 2.00 | 3.63 | 4.33 | 2725 | |
| August | 6.36 | 2.10 | 3.27 | 3.33 | 4.60 | 4.87 | 2.41 | 2.33 | 2.45 | 2.78 | 3450 | |
| September .. | .68 | .94 | 2.02 | 4.47 | .33 | 1.97 | 1.17 | .51 | 3.47 | 3.06 | 1862 | |
| October | 4.35 | 2.18 | 3.26 | 10.08 | .94 | 2.15 | 5.39 | 4.92 | 2.01 | 4.00 | 3928 | |
| November .. | 3.31 | 5.36 | 2.19 | 2.25 | 2.56 | 3.64 | 3.66 | 3.03 | 2.25 | 1.11 | 2936 | |
| December .. | 4.34 | 6.10 | 4.20 | 1.74 | 1.85 | .53 | 3.56 | 4.34 | 1.86 | 5.64 | 3416 | |
| TOTALS .. | 3968 | 2943 | 2906 | 4425 | 2931 | 2594 | 3384 | 3400 | 3065 | 3569 | 23185 | |

1900 St John's Church 1 mile ENE

Wall & Mound 20 ft high 60 ft W

1903 Horton Station 1 mile E

1906 Iron building 40 ft high 12 yards practically surrounded

+ Imputed

RAINFALL at

Tide View
Halifax Public Library

County of W.R. Yorkshire

Observer E. Green Esq

River Basin Ouse-Aire-Calden 8

Snarford Rain Gauge, by

| Diameter ... | 8 | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|--|
| Height | 1.0 | | | | | | | | | | | |
| Altitude ... | 6257 | | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | 1916-19 Means Totals | |
| January ... | 4.40 | 1.45 | 5.44 | 3.23 | 3.17 | 5.14 | 3.03 | 2.53 | 2.85 | 5.17 | 13.58 | |
| February ... | 3.36 | 4.05 | 1.77 | 1.45 | 2.79 | 4.15 | 5.74 | .60 | 5.20 | 2.08 | 13.65 | |
| March | .67 | 1.36 | 3.61 | 4.69 | 5.95 | .97 | 3.79 | 2.87 | 1.40 | 5.98 | 14.04 | |
| April | 3.43 | 1.53 | 1.07 | 3.80 | 1.32 | 1.28 | 1.89 | 2.21 | .77 | 1.50 | 6.17 | |
| May | 2.26 | 1.25 | 3.00 | 2.80 | 1.54 | 1.87 | 2.56 | 2.57 | 2.93 | 1.63 | 9.69 | |
| June | 3.09 | 2.88 | 5.63 | 1.78 | 2.52 | .56 | 2.06 | 2.03 | 1.15 | 1.18 | 6.42 | |
| July | 3.04 | .36 | 4.63 | 1.11 | 3.44 | 4.77 | 1.71 | 1.44 | 3.94 | 2.72 | 9.81 | |
| August | 4.22 | 2.07 | 5.92 | 1.24 | 1.94 | 5.35 | 2.02 | 6.54 | 1.83 | 2.85 | 13.24 | |
| September .. | .19 | 2.91 | 1.54 | 1.64 | 2.46 | .47 | 1.72 | 1.27 | 9.87 | .95 | 13.81 | |
| October ... | 3.23 | 2.96 | 3.92 | 1.87 | 2.34 | 1.61 | 6.82 | 6.16 | 2.21 | 2.93 | 18.12 | |
| November ... | 4.43 | 4.01 | 3.00 | 3.56 | 5.42 | 2.24 | 3.18 | 2.84 | 1.87 | 3.12 | 10.71 | |
| December ... | 4.30 | 4.18 | 4.51 | 3.00 | 7.06 | 7.49 | 3.08 | 1.92 | 5.87 | 5.44 | 16.31 | |
| TOTALS ... | 36.62 | 29.01 | 44.04 | 30.17 | 37.95 | 35.90 | 37.60 | 33.01 | 39.59 | 35.55 | 145.55 | |
| | 7 | 7 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | | |

1912 Mean

+ Inspected

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|----------|----------|-------|------------------|-----------|------------|---------|-----------|------------|
| 53.43.17 | 1.52.15W | | Halifax | 1 m | W | Halifax | 1 m | E |

RAINFALL at *Halifax Public Library*County of *N. B. Yorkshire*Observer *E. Green Esq.*River Basin *Guse-Aire-Culder S**Snowdon* Rain Gauge, by *(V)*

| | | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|-------------------|
| Diameter ... | 8 | | | | | | | | | | | |
| Height | 10 | | | | | | | | | | | |
| Altitude ... | 625 | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1920-29 MEANS. | 1920-29 Totals |
| January ... | 4.52 | 7.37 | 3.84 | 2.83 | 2.27 | 4.39 | 3.72 | 2.96 | 8.38 | 1.62 | 5.36 | 47.26 |
| February ... | 3.08 | 2.0 | 3.64 | 5.17 | 1.07 | 6.10 | 2.90 | 1.23 | 4.91 | .47 | .87 | 29.69 |
| March | 2.78 | 2.76 | 2.75 | 1.84 | 1.52 | 1.44 | 1.58 | 2.95 | 2.27 | .45 | 1.93 | 22.27 |
| April | 4.53 | 1.20 | 3.48 | 2.56 | 1.97 | 2.41 | 1.83 | 3.27 | 1.15 | 1.30 | 3.12 | 26.82 |
| May | 4.76 | 1.50 | 1.38 | 3.43 | 4.39 | 4.61 | 4.04 | 1.23 | 1.96 | 1.67 | 1.82 | 30.84 |
| June | 2.67 | 1.2 | 1.94 | .66 | 1.86 | .07 | 2.59 | 2.62 | 5.86 | .89 | 2.01 | 21.29 |
| July | 7.29 | 1.30 | 4.44 | 3.82 | 3.33 | 1.11 | 2.98 | 2.44 | .94 | 1.95 | 5.71 | 35.31 |
| August | 1.13 | 4.09 | 5.37 | 4.39 | 3.10 | 3.49 | 3.34 | 6.05 | 3.20 | 2.29 | 4.96 | 41.51 |
| September... | 2.01 | 1.41 | 3.61 | 3.14 | 4.24 | 2.82 | 2.61 | 4.45 | .41 | .90 | 5.49 | 31.09 |
| October | 2.83 | 2.50 | .97 | 3.75 | 4.19 | 4.43 | 4.08 | 3.64 | 5.19 | 3.66 | 4.53 | 40.07 |
| November... | 1.89 | 2.21 | 1.87 | 5.54 | 2.42 | 2.65 | 4.86 | 3.75 | 5.32 | 6.11 | 4.68 | 41.30 |
| December... | 4.01 | 5.52 | 4.66 | 3.03 | 4.49 | 4.33 | 1.55 | 2.05 | 1.84 | 7.15 | 3.10 | 41.53 |
| TOTALS... | 41.50 | 30.28 | 37.95 | 40.16 | 34.85 | 37.85 | 36.08 | 36.74 | 44.43 | 28.56 | 43.58 | 408.98 |

Seen *gls* B. 10. 22. *Good position*. S. about 1 ft 6 in above ground but sufficient shelter.

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 | Parish Church. | Distance from gauge | Direction |
|-------|-------------|------------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1920 | 53° 43' 17" | 1° 52' 15" | Halifax | 1 mi | W | Halifax | 1 mi | E |

RAINFALL at Halifax (Public Library)County of West RidingObserver E. Green, Esq. the LibrarianRiver Basin Ouse-Aire-Calder-SType of Gauge GlaisherAnnual Average 34.3 in. based on 33 years obs. un-weighted. Period of average 1891-1915 Ref. S

15 9384/32.

| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----------------------------|
| Diameter | 8. | | | | | | | | | | |
| Height | 1.0. | | | | | 0 8 | | | 1'0" | | |
| Altitude | 625. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | 1931-40 Means Totals |
| January | 3.71 | 3.55 | 2.57 | 2.95 | 1.64 | 4.12 | 4.09 | 4.97 | 6.05 | 2.56 | 36.21 |
| February | 4.27 | 3.9 | 3.08 | 2.4 | 4.96 | 2.86 | 5.83 | 1.27 | 3.37 | 2.29 | 28.56 |
| March | 3.7 | 1.88 | 2.16 | 2.95 | 1.33 | 2.36 | 3.02 | .82 | 2.74 | 2.35 | 19.98 |
| April | 3.84 | 3.68 | 1.38 | 2.59 | 3.95 | 1.63 | 2.61 | .41 | 1.67 | 2.94 | 24.70 |
| May | 2.87 | 3.84 | 2.13 | 1.86 | .79 | 1.42 | 2.44 | 4.06 | 1.33 | .62 | 21.36 |
| June | 5.78 | .36 | 1.69 | 1.84 | 3.58 | 4.49 | 2.99 | 4.32 | 2.23 | .54 | 27.82 |
| July | 3.28 | 3.20 | 2.43 | 2.88 | 1.20 | 3.00 | 2.14 | 4.64 | 5.79 | 2.52 | 31.08 |
| August | 4.79 | 1.47 | 1.15 | 2.62 | 1.26 | 1.74 | 1.38 | 4.58 | 2.18 | .97 | 22.14 |
| September | 4.12 | 2.80 | 1.85 | 1.80 | 6.13 | 4.73 | 1.58 | 1.51 | 1.03 | 3.13 | 28.68 |
| October | 1.58 | 5.67 | 4.22 | 3.30 | 7.64 | 3.85 | 2.46 | 3.49 | 2.70 | 4.35 | 44.26 |
| November | 5.82 | 2.37 | 1.99 | 2.25 | 5.77 | 5.03 | 1.94 | 5.56 | 5.44 | 6.59 | 42.76 |
| December | 1.40 | 1.52 | 0.81 | 5.03 | 3.30 | 3.87 | 2.50 | 3.90 | 2.22 | 2.74 | 26.99 |
| TOTALS | 41.83 | 30.73 | 25.16 | 30.31 | 41.55 | 39.10 | 32.98 | 44.53 | 36.75 | 31.60 | 354.94 |

1931 Buildings + trees 25 to 30' high 50' E, N, + W.

1940 Tree 15' high 40' S.W.

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 from gauge | Parish Church. | Distance from gauge | Direction from gauge |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| 1931 | | | Halifax | 1 1/2 mile | E | Halifax | 1 mile | E |

Station No. 3241

RAINFALL at Halifax (Public Library)

41

County of West Riding Observer The LibrarianRiver Basin Once-Across-halder-8Type of Gauge GlaisherAnnual Average 34.3 in. based on 38 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. SFile No. 159384/32

| Diameter | 8" | | 078 | 045 | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Height | 1' 0" | | | 1 | | | | | | | | |
| Altitude | 625' | | | 41 | | | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | Totals |
| January | 3.46 | 2.97 | 4.53 | 5.20 | 3.55 | 3.91 | 2.61 | 7.62 | 1.47 | 2.11 | 37.63 | |
| February | 4.01 | 1.24 | 2.21 | 1.29 | 3.67 | 5.21 | 3.86 | 2.50 | 2.55 | 5.29 | 31.83 | |
| March | 4.14 | 2.52 | .90 | .81 | .83 | 1.53 | 6.07 | 1.43 | 1.11 | 1.61 | 20.45 | |
| April | 2.50 | 1.63 | 1.93 | 4.10 | 2.71 | 1.39 | 3.94 | 2.63 | 3.27 | 3.21 | 27.31 | |
| May | 2.08 | 3.21 | 2.79 | 2.33 | 3.22 | 1.59 | 4.10 | .98 | 2.92 | 1.81 | 25.09 | |
| June | .44 | 1.19 | 2.49 | 2.50 | 3.68 | 2.33 | 2.54 | 3.98 | .38 | 1.11 | 20.64 | |
| July | 1.07 | 2.23 | 2.02 | 3.58 | 1.40 | 3.83 | 2.04 | .80 | 3.29 | 2.68 | 22.94 | |
| August | 4.86 | 3.14 | 3.08 | 2.82 | 3.42 | 4.75 | .26 | 3.60 | 2.75 | 3.74 | 32.42 | |
| September | .42 | 1.75 | 3.52 | 5.70 | 1.98 | 5.47 | 1.53 | 1.37 | .81 | 4.87 | 27.12 | |
| October | 3.71 | 3.34 | 2.12 | 3.42 | 5.23 | 0.92 | .90 | 1.46 | 4.32 | 2.08 | 27.50 | |
| November | 2.76 | 1.08 | 2.77 | 5.86 | .33 | 6.55 | 4.76 | 1.14 | 1.99 | 4.20 | 34.44 | |
| December | 1.68 | 2.24 | 1.50 | 3.77 | 2.02 | 2.62 | 3.00 | 3.02 | 6.12 | 2.04 | 28.01 | |
| TOTALS | 31.13 | 26.54 | 29.86 | 40.94 | 32.04 | 40.10 | 35.61 | 30.73 | 33.98 | 34.45 | 335.38 | |

1941. Trees 30' high 30' S.W.
 1943 Trees 18' S 20 yds NW
 1944 Shrub 10', 60' S.W.
 1947 Trees 20' high 20' S.W.

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| 1941 | | | Halifax | 1m. | SE | Halifax | 1m | E |

BRITISH RAINFALL ORGANIZATION

Station No. 3241

RAINFALL at Halifax (Public Library)

51

County of West Riding - Yorks. Observer The Librarian.

River Basin Ouse - Aire - Calder

Type of Gauge Glaisher Mk I on inspection

Annual Average 34.3 in. based on 38 years obs. un-weighted. Period of average 1881-1915 Ref. S

35.56 " " 35 " " 1916-1950

File No. 1916-1950 29.584/32 P

| Diameter | 8" | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| Height | 1'0" | | | | | | | | | | |
| Altitude | 625' | | | | | | | | | | |
| Year | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means Totals |
| January | 3.28 | 3.96 | 2.80 | 3.40 | 2.27 | 5.24 | 2.84 | 3.18 | 3.02 | 5.30 | 33.29 |
| February | 2.87 | 1.95 | 2.23 | 3.08 | 2.42 | 1.17 | 2.70 | 6.02 | 1.19 | 2.54 | 24.17 |
| March | 3.95 | 1.78 | 2.17 | 2.20 | 2.33 | 1.38 | 2.15 | 1.97 | 1.12 | 1.84 | 20.89 |
| April | 2.10 | 2.32 | 2.81 | 1.35 | 1.87 | 3.35 | 1.24 | 1.82 | 3.22 | 1.84 | 17.92 |
| May | 3.82 | 2.33 | 2.16 | 2.24 | 2.74 | 1.09 | 1.41 | 3.78 | 1.46 | 1.80 | 23.83 |
| June | 1.57 | 2.21 | 2.93 | 1.84 | 1.87 | 2.65 | 1.92 | 5.36 | 1.81 | 1.85 | 23.01 |
| July | 2.73 | 1.34 | 3.52 | 3.06 | 1.62 | 5.83 | 3.20 | 4.41 | 2.46 | 4.70 | 31.87 |
| August | 5.45 | 3.10 | 4.18 | 4.25 | 1.09 | 7.80 | 5.06 | 4.24 | 1.84 | 4.88 | 43.89 |
| September | 1.77 | 3.09 | 1.83 | 3.60 | 1.49 | 3.81 | 4.56 | 3.57 | 1.27 | 2.75 | 26.74 |
| October | 1.21 | 4.41 | 2.06 | 5.74 | 1.98 | 2.11 | 3.76 | 2.83 | 3.35 | 5.96 | 33.41 |
| November | 8.15 | 2.05 | 3.69 | 5.45 | 1.95 | 1.22 | 2.33 | 1.84 | 3.58 | 7.12 | 36.38 |
| December | 5.98 | 3.23 | 1.39 | 4.88 | 5.01 | 3.90 | 4.06 | 4.16 | 5.72 | 3.88 | 42.21 |
| TOTALS | 42.88 | 30.77 | 29.77 | 44.09 | 24.64 | 39.55 | 34.23 | 41.18 | 27.04 | 43.46 | 357.61 |
| | d | d | d | d | d | d | d | d | d | d | |

1951. Trees 20' high 20' SW.

Inspected 17.8.55 Mx P.H.G. Decks. Gauge sound, measure flat bottomed. Site of S

by fence 5' 9" N, E, S sides, 4' away. Gauge tilted W.

Letter Encl STA dtd 12.10.55 stated gauge non horizontal, bottle in gauge measure certified

Super type.

Position of Station on Ordnance One-Inch map:

No. of Map 96

National Grid Reference SE (44) 085250

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|----------------------------------|----------------|-----------------------------------|
| 1951 | | | Halifax | 1m. E. | Halifax | 1m. E. |

Summary of Earlier Records from 10-year Sheets:

1916-1950, P - accepted

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-60 |
|-------------------|---------------|------------|--------------|-------------|---------|
| | ✓ | ✓ | ✓ | ✓ | |
| | V but - 17.19 | V but a 30 | V but 035-38 | V but D + 9 | |