

RAINFALL AT Consett Consett Park Farm

Lat. _____

Lon. _____

County of Durham

Pit-top Rain Gauge, by _____

Observer J. D. Brown Esq.

2 1/2 in. lower - 3.

| | | | | | | | | | | | |
|--------------|------|------|------|------|------|------|------|------|-------|-------|--------|
| Diameter ... | | | | | | | | | 5 | | |
| Height | | | | | | | | | 4.3 | | |
| Altitude ... | | | | | | | | | 700? | 641 | ? |
| Year ... | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January ... | | | | | | | | | | .56 | |
| February ... | | | | | | | | | | 1.58 | |
| March | | | | | | | | | | 4.17 | |
| April | | | | | | | | | | 2.26 | |
| May | | | | | | | | | | 1.69 | |
| June | | | | | | | | | | 3.71 | |
| July | | | | | | | | | | 2.35 | |
| August | | | | | | | | | | 3.57 | |
| September .. | | | | | | | | | 1.88 | 2.03 | |
| October ... | | | | | | | | | 1.99 | 1.99 | |
| November .. | | | | | | | | | .92 | .46 | |
| December... | | | | | | | | | (.75) | 3.73 | |
| TOTALS ... | | | | | | | | | | 28.10 | |

1908 Castleside Church 1 mile S W
 Bowley Station 1 1/8 S
 Home 16 1/2 m S E

N.B. annual values rejected from Survey Map, 1929.

RAINFALL at Consett Park FarmCounty of DurhamObserver J. D. Brown EsqRiver Basin Tyne, Lower 3Built up Rain Gauge, by

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 4.0 | | | | | | | | | | |
| Altitude ... | 641 | 7 | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 2.84 | 1.80 | 2.96 | 4.01 | 1.16 | 1.76 | .85 | 3.60 | 2.47 | 3.56 | |
| February ... | 3.10 | .55 | 2.53 | .82 | 1.47 | 3.05 | 3.18 | .87 | 1.51 | 1.99 | |
| March | .85 | 2.51 | 2.23 | 4.07 | 1.41 | 1.72 | 4.16 | 1.69 | 1.31 | 2.52 | |
| April | 2.57 | 1.13 | .04 | 2.98 | .63 | .57 | 1.59 | 2.28 | 1.63 | 1.40 | |
| May | 1.88 | 1.21 | 2.53 | 2.13 | 1.38 | 1.78 | 3.40 | 2.21 | 1.75 | 1.44 | |
| June | 1.85 | 4.04 | 4.44 | 1.14 | 3.67 | .45 | 1.64 | 1.57 | .26 | .82 | |
| July | 3.54 | .59 | 3.87 | 1.56 | 1.80 | 2.96 | 2.73 | 1.92 | 2.67 | 1.74 | |
| August | 3.57 | 3.04 | 5.38 | 1.32 | 1.69 | 3.37 | 2.86 | 7.28 | 1.77 | 2.23 | |
| September .. | .62 | 2.33 | 2.15 | 3.35 | 1.62 | 1.34 | 1.95 | .85 | 5.26 | .91 | |
| October ... | 3.38 | 2.32 | 2.15 | 3.58 | 1.93 | 1.38 | 3.45 | 2.65 | 2.33 | 4.31 | |
| November .. | 3.07 | 3.27 | 1.01 | .99 | 3.52 | 1.53 | 4.10 | .72 | 1.35 | 4.99 | |
| December ... | 2.72 | 4.37 | 1.83 | 1.08 | 5.98 | 6.72 | 3.22 | 2.55 | 2.45 | 2.59 | |
| TOTALS ... | 30.02 | 27.16 | 31.12 | 27.03 | 26.26 | 27.63 | 33.23 | 28.19 | 24.96 | 28.48 | |

1912 Corn-house 16'6" high 10 ft E

N.B. Annual values rejected from Survey Map. 1929.

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|----------|-----------|------------|
| 1911 | | | Rowley | 1 1/2 mi | SSW | Eastside | 1 mi | SW |

RAINFALL at Consett Park Farm

County of DurhamObserver J. D. Bywater Esq.River Basin Lyne-Lower 3Rain Gauge, by Brick Assoc.

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--------|
| Diameter ... | 5" | | | | | | | 5 | | | |
| Height | 4.3 | | | | | | | 1' 2" | | | |
| Altitude ... | 641 | | | | | | | 642 | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | MEANS. |
| January ... | 2.95 | 5.18 | 2.85 | 1.94 | 2.04 | 2.81 | 2.57 | 1.81 | | | |
| February ... | 1.10 | 1.3 | 2.12 | 4.39 | .86 | 3.01 | 2.21 | 0.84 | | | |
| March | 3.18 | .89 | 1.81 | 1.76 | 1.00 | 2.17 | .39 | 2.72 | | | |
| April | 3.72 | 1.18 | 2.71 | 1.69 | 1.41 | 3.89 | 1.33 | 1.74 | | | |
| May | 3.69 | 2.14 | .57 | 1.87 | 5.21 | 3.57 | 1.99 | 1.46 | | | |
| June | 1.01 | 4.2 | 1.16 | 1.34 | 1.98 | .13 | 4.16 | 2.79 | | | |
| July | 3.11 | 1.53 | 6.50 | 1.90 | 4.24 | 1.75 | 3.30 | 3.76 | | | |
| August | 2.33 | 5.86 | 2.38 | 4.11 | 2.93 | 3.33 | 2.55 | 6.64 | | | |
| September... | 1.48 | .76 | 4.73 | 2.00 | 3.26 | 2.81 | 3.09 | 4.65 | | | |
| October | 3.60 | 1.48 | 1.95 | 2.36 | 4.16 | 3.20 | 3.03 | 1.69 | | | |
| November... | 1.05 | 3.00 | .96 | 3.90 | 1.36 | 2.64 | 5.27 | 2.34 | | | |
| December... | 4.42 | 1.26 | 4.45 | 2.76 | 3.34 | 4.91 | .71 | 3.71 | | | |
| TOTALS... | 31.64 | 23.83 | 32.19 | 29.02 | 31.79 | 34.82 | 30.60 | 34.68 | | | |

1920 Corner of House 16 1/2 ft high 13 ft 12

1927. Gauge moved 4 1/2 ft. 2 1/2 mi E. to Crook Hall Durham 1/2.
 House 20' high 42' N.
 Tower 30' " 66' W.

N.B. Annual values rejected from Survey Map. 1929

 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 | | | Rowley | 1 1/2 mi | S.S.W. | Gostleside | 1 mi | S.W. |
| 1927 | | | Consett | 1 mile | N.W. | Consett | 1 1/2 mile | N.W. |

RAINFALL at Consett Park FarmCounty of DurhamObserver T. Hutton Esq.River Basin Tyne - Lower 3Surveyor VDCM.C.

Rain Gauge, by

| Diameter ... | | | | | | | | 5 | | 8 | |
|---------------|------|------|------|------|------|------|------|----------------|------------|------------|----------------|
| Height | | | | | | | | $7\frac{1}{4}$ | | | |
| Altitude ... | | | | | | | | 630 | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 MEANS. |
| January ... | | | | | | | | | 2.30 | 1.80 | 3.42 |
| February ... | | | | | | | | | 1.04 | 1.52 | 1.81 |
| March | | | | | | | | | 3.72 | .23 | 1.79 |
| April | | | | | | | | | .73 | 1.23 | 2.24 |
| May | | | | | | | | | 1.74 | 1.07 | 1.15 |
| June | | | | | | | | | 5.27 | 1.43 | .90 |
| July | | | | | | | | | 1.29 | 2.83 | 6.77 |
| August | | | | | | | | | 3.47 | 2.70 | 5.46 |
| September... | | | | | | | | | 1.20 | 1.00 | 3.82 |
| October | | | | | | | | 1.49 | 3.39 | 1.64 | 1.96 |
| November... | | | | | | | | 3.04 | 3.42 | 2.72 | 3.10 |
| December... | | | | | | | | 4.04 | 1.58 | 3.14 | 8.95 |
| TOTALS... | | | | | | | | imp 29.15 D | 21.41 D | 35.87 D | |

1927. Military fence surrounding gauge 5' high 6' from centre of gauge

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 | Parish Church. | Distance from gauge | Direction |
|-------|-------------|--------------|------------------|---------------------|-----------|-----------------------|---------------------|-----------|
| 1927 | 54° 50' 15" | 1° 51' 45" W | Roxley L.N.E.R. | 1466 yds | S | Castleside St. John's | 120 yds | S.W. |

RAINFALL at Consett Park FarmCounty of DurhamObserver T. Hutton, Esq., C.E.River Basin Type-hawer-3Type of Gauge M.O.

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

762.552/27.

| | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Diameter | 8. | | | | | | | | | | |
| Height | 0.7. | 1.0 | 1' 0" | | | | | | | | |
| Altitude | 630. | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means |
| January | 2.10 | 1.30 | 1.54 | 1.96 | 2.26 | 4.38 | 4.73 | 2.71 | 4.20 | 2.56 | 2774 |
| February | 1.08 | 1.30 | 5.63 | .32 | 3.66 | 3.90 | 4.22 | 1.53 | 1.12 | 1.85 | 2461 |
| March | 1.38 | 2.19 | 1.14 | 4.38 | .86 | 2.79 | 3.89 | .33 | 3.44 | 1.69 | 2209 |
| April | 3.17 | 1.57 | 1.49 | 5.87 | 2.34 | 1.76 | 2.84 | .14 | 1.47 | 1.41 | 2209 |
| May | 2.93 | 4.38 | 2.55 | 1.92 | .93 | 2.31 | 3.04 | 3.20 | 1.22 | 1.01 | 2349 |
| June | 4.62 | 1.14 | 1.86 | 2.66 | 4.35 | 3.90 | 1.00 | 2.67 | 2.82 | .64 | 2566 |
| July | 2.49 | 4.16 | .98 | 2.18 | .74 | 3.11 | 2.25 | 2.34 | 3.88 | 6.67 | 2880 |
| August | 3.47 | 2.22 | 1.36 | 2.70 | 2.89 | 2.02 | 2.32 | 4.04 | 2.86 | 1.02 | 2490 |
| September | 2.23 | 2.20 | 2.32 | 1.34 | 5.03 | 3.74 | 1.81 | 1.67 | 2.19 | 1.68 | 2421 |
| October | .89 | 4.21 | 3.95 | 4.06 | 4.31 | 1.23 | 2.35 | 4.33 | 6.48 | 4.30 | 3616 |
| November | 2.63 | .64 | 3.90 | 2.99 | 4.66 | 3.91 | 1.66 | 3.34 | 3.18 | 3.93 | 3084 |
| December | .89 | .81 | 1.63 | 4.48 | 1.71 | 1.91 | 5.17 | 4.02 | 1.41 | 2.50 | 2453 |
| TOTALS | 27.88 | 26.12 | 28.35 | 34.86 | 33.74 | 35.01 | 35.31 | 30.32 | 34.27 | 29.26 | 31512 |
| | D. | D | D | D. | D. | D | D | D | D | D | (11) |

1931. Military fence 5' high 6' from centre of gauge.

1933. In early October the fence was moved to twice its height from the gauge and the gauge itself raised from 8" to 1'.

1940. Military fence surrounding gauge. 5' high, 10' from centre of gauge.

Note new gauge set up 1927 (April) F. 762.552/27.3A.

X11.41 Gauge transferred to S/W 0.554/5

Replaced from survey as 5" too low. Line sent 17/9/63.

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 |
|-------|---------|-------|--------------------|---------------------|----------------------|----------------------|---------------------|----------------------|
| 1931. | | | Rowley L.N.E. Rly. | 1400 yds. | S | Castleside St. John. | 1200 yds. | S.W. |

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