

RAINFALL AT Barnard Castle Army Reservoir

Lat. _____

Lon. _____

County of _____

York NR.

Rain Gauge, by _____

Observer _____

J. D. Wilson EsqYes 6

| | | | | | | | | | | | | |
|---------------------|------|----------|------|------|-------|-------|-------|-------|-------|-------|--------|--|
| Diameter | | | | | 8 | | | | | | | |
| Height | | | | | 10 | | | | | | | |
| Altitude | | | | | 866 T | | | | | | | |
| Year | 1890 | 1891 | 1892 | 1893 | 1894 | 1895 | 1896 | 1897 | 1898 | 1899 | MEANS. | |
| 2479 January | | (12.00) | | | 4.59 | 4.54 | 2.48 | 2.47 | 3.46 | 7.25 | 26.79 | |
| 2113 February | | (10.82) | | | 7.92 | 1.73 | 1.63 | 2.95 | 4.15 | 2.75 | 26.95 | |
| 243 March | | (5.25) | | | 3.77 | 4.01 | 5.34 | 7.20 | 1.71 | 1.80 | 2208 | |
| 1483 April | | (6.55) | | | 3.01 | 1.39 | 2.12 | 2.19 | 3.16 | 2.96 | 2132 | |
| 1319 May | | (12.63) | | | 2.69 | .97 | .55 | 1.59 | 3.11 | 4.28 | 2682 | |
| 1540 June | | (10.92) | | | 3.46 | 1.94 | 3.62 | 2.98 | 2.42 | 1.38 | 2172 | |
| 2046 July | | (11.70) | | | 4.12 | 7.11 | 2.98 | 2.09 | 1.04 | 3.12 | 2216 | |
| 1971 August | | (22.22) | | | 3.69 | 3.00 | 1.99 | 4.96 | 4.67 | 1.40 | 4193 | |
| 1701 September | | (12.20) | | | .94 | 1.20 | 4.42 | 3.55 | 1.06 | 5.84 | 2321 | |
| 2559 October | | (14.12) | | | 5.97 | 4.61 | 3.82 | 2.08 | 6.42 | 2.69 | 3971 | |
| 2063 November | | (12.33) | | | 3.17 | 6.51 | 1.27 | 2.66 | 2.80 | 4.22 | 3276 | |
| 2792 December | | (12.38) | | | 4.25 | 5.62 | 4.78 | 3.98 | 5.95 | 3.34 | 24030 | |
| 24489 TOTALS ... | | (150.12) | | | 47.58 | 42.63 | 35.00 | 38.70 | 39.95 | 41.03 | 39501 | |

1894 Cotherstone Church 4 miles E

House 25 ft high 120 ft SE

1890-93 from notebook (see p. 150) reduced by $\frac{100}{82}$

RAINFALL AT Harry Reservoir [Barren Castle]

Lat.

Lon.

County of York N.R.Coppermine

Rain Gauge, by

Observer D. D. Wilson EsqSee - 6.Hugh Wilson Esq

| | | | | | | | | | | | |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter .. | 8 | | | | | | | | | 5 | |
| Height | 10 | | | | | | | | | | |
| Altitude .. | 866 T | | | | | | | | | | |
| Year | 1900 | 1901 | 1902 | 1903 | 1904 | 1905 | 1906 | 1907 | 1908 | 1909 | MEANS. |
| January .. | 4.22 | 1.85 | 1.61 | 6.04 | 3.89 | 1.47 | 4.69 | 1.95 | 2.13 | 2.68 | 3.053 |
| February .. | 4.27 | 1.03 | .92 | 5.74 | 2.98 | 1.75 | 1.87 | 2.92 | 3.66 | 3.00 | 2.814 |
| March | .55 | 2.94 | 2.01 | 4.99 | 1.78 | 2.64 | 2.47 | 3.34 | 4.39 | 3.70 | 2.881 |
| April | 3.09 | 1.79 | 1.88 | 1.76 | 2.50 | 2.83 | 1.33 | 1.48 | 2.62 | 3.09 | 2.237 |
| May | 1.60 | 1.69 | 2.60 | 3.09 | 3.39 | .54 | 4.13 | 4.63 | 3.35 | 1.51 | 2.653 |
| June | 4.00 | 1.50 | 1.71 | 1.44 | 2.50 | 1.21 | .66 | 4.21 | 1.25 | 3.03 | 2.151 |
| July | 1.33 | .98 | 3.64 | 3.40 | 3.09 | .57 | 1.52 | 2.96 | 2.61 | 3.32 | 2.342 |
| August | 5.20 | 2.57 | 2.67 | 4.74 | 2.80 | 5.69 | 3.32 | 2.75 | 3.50 | 2.49 | 3.573 |
| September.. | .97 | 1.32 | 1.52 | 3.87 | 1.04 | 2.63 | .76 | .28 | 4.14 | 2.49 | 1.902 |
| October | 6.17 | 2.80 | 3.21 | 9.14 | 1.80 | 2.30 | 4.45 | 5.70 | 3.02 | 3.59 | 4.218 |
| November .. | 3.92 | 7.87 | 2.67 | 2.50 | 3.34 | 4.59 | 4.09 | 2.18 | 2.35 | 1.61 | 3.512 |
| December .. | 3.86 | 3.18 | 4.17 | 2.36 | 2.49 | 1.10 | 3.13 | 5.29 | 1.40 | 4.75 | 3.173 |
| TOTALS .. | 39.18 | 29.52 | 28.61 | 49.07 | 31.60 | 27.32 | 32.42 | 37.69 | 34.42 | 35.26 | 34.509 |

1900 Cotharstone Church 4.8 miles E

House 25 ft high 120 ft SE

1907 Cotharstone Station 4.9 miles E

+ Inspected

Hub

RAINFALL at Baldersdale Tarry ReservoirCounty of N.R. YorkshireObserver Hugh Wilson EsqRiver Basin Tees 6Copper Swanton Rain Gauge, by _____

| | | | | | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Diameter ... | 5 | | | | | | | | | | |
| Height | 1 0 | | | | | | | | | | |
| Altitude ... | 866 T | | | | | | | | | | |
| Year ... | 1910 | 1911 | 1912 | 1913 | 1914 | 1915 | 1916 | 1917 | 1918 | 1919 | MEANS. |
| January ... | 4.74 | 1.46 | 2.51 | 3.80 | 2.80 | 4.27 | 4.22 | 2.70 | 3.67 | 3.52 | 1411 |
| February ... | 5.41 | 5.52 | 2.48 | 2.11 | 4.07 | 3.41 | 4.43 | 1.04 | 4.86 | 1.90 | 1223 |
| March | 1.66 | 1.95 | 3.60 | 6.78 | 3.52 | 1.03 | 2.99 | 2.01 | 1.24 | 3.37 | 961 |
| April | 3.12 | 1.95 | .67 | 3.62 | 1.37 | 1.58 | 2.11 | 1.66 | 1.13 | 1.66 | 658 |
| May | 2.90 | 1.82 | 2.56 | 2.94 | 2.04 | 1.65 | 2.92 | 2.47 | 1.98 | 1.54 | 891 |
| June | 1.74 | 2.64 | 5.63 | 1.99 | 2.56 | .38 | 1.85 | 1.57 | .74 | .95 | 511 |
| July | 3.02 | .50 | 4.43 | 1.38 | 1.89 | 2.93 | 2.66 | 1.20 | 4.74 | 1.86 | 1046 |
| August | 5.46 | 2.54 | 5.31 | 1.10 | 1.75 | 2.20 | 2.18 | 7.22 | 3.78 | 2.74 | 1592 |
| September ... | .30 | 2.34 | 2.62 | 3.45 | 2.20 | .94 | 1.98 | 1.91 | 8.29 | 1.62 | 1380 |
| October ... | 3.11 | 3.67 | 3.36 | 2.79 | 1.77 | .74 | 6.93 | 3.90 | 2.84 | 3.28 | 1665 |
| November .. | 2.87 | 4.82 | 2.77 | 3.65 | 6.51 | 1.78 | 4.53 | 2.94 | 2.12 | 4.24 | 1383 |
| December ... | 3.58 | 5.70 | 5.64 | 2.94 | 7.26 | 5.98 | 3.94 | 2.08 | 5.02 | 4.17 | 1521 |
| TOTALS ... | 37.91 | 34.91 | 41.62 | 36.55 | 37.84 | 26.79 | 40.74 | 30.70 | 40.11 | 30.85 | 14240 |

1912 Swellingham 25ft high 400 yds SE

+ Inspected

| Date. | Lat. N. | Long. | Railway Station. | Distance. | Direction. | Church. | Distance. | Direction. |
|-------|---------|-------|------------------|-----------|------------|-------------|-----------|------------|
| 1911 | | | Bothelstone | 4 mi | E | Bothelstone | 4 mi | E |

RAINFALL at Baldersdale Hury ReservoirCounty of N. B. YorkshireObserver Hugh Wilson EsqRiver Basin Feels 6J. S. CalvertCopper Snowden Rain Gauge, by N 23

S. R. Collinson CE

Tees Valley Water P.

Ellers G. under H.M. 17954

| Diameter ... | 5" | | | | | | | | | | | |
|--------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 10 | | | | | | | | | | | |
| Altitude ... | 866 | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 | |
| 1160 January ... | 5.66 | 6.27 | 3.98 | 2.59 | 2.54 | 4.37 | 3.76 | 2.33 | 6.65 | 1.29 | 5.89 | 4666 |
| 700 February ... | 3.51 | 18 | 3.88 | 5.29 | 1.19 | 5.43 | 2.83 | 1.23 | 4.18 | .72 | 1.32 | 3663 |
| 650 March | 3.96 | 2.66 | 2.35 | 1.91 | 1.31 | 1.82 | 2.42 | 2.66 | 2.62 | .32 | 2.09 | 2502 |
| 530 April | 4.22 | 1.16 | 3.32 | 2.80 | 2.08 | 4.08 | 1.87 | 2.27 | .94 | 1.28 | 2.95 | 2778 |
| 630 May | 4.28 | 1.49 | .97 | 2.81 | 5.96 | 4.13 | 2.28 | 1.92 | 1.77 | 1.53 | 1.44 | 2966 |
| 980 June | 2.44 | 38 | 1.61 | .99 | 1.44 | .09 | 2.82 | 2.44 | 4.96 | 1.31 | 1.78 | 2135 |
| 1020 July | 4.65 | 2.57 | 4.30 | 2.76 | 4.53 | 1.18 | 3.29 | 4.79 | 1.37 | 3.04 | 4.89 | 3827 |
| 1730 August | 1.19 | 5.37 | 2.24 | 4.95 | 1.99 | 2.93 | 2.97 | 7.32 | 5.78 | 2.68 | 5.43 | 4437 |
| 894 September... | 1.55 | 1.17 | 5.01 | 2.76 | 3.91 | 2.73 | 4.94 | 5.76 | .73 | 1.76 | 3.19 | 3620 |
| 1136 October | 3.17 | 2.88 | 1.68 | 5.25 | 4.38 | 3.73 | 3.81 | 3.13 | 3.65 | 3.41 | 3.91 | 4017 |
| 1511 November... | 1.57 | 2.14 | .99 | 4.92 | 2.68 | 1.85 | 5.43 | 4.40 | 4.56 | 4.13 | 4.44 | 3913 |
| 1084 December... | 3.74 | 7.57 | 5.07 | 2.53 | 5.74 | 6.46 | 1.30 | 2.20 | 1.77 | 7.20 | 3.07 | 4637 |
| 12620 TOTALS... | 39.94 | 33.84 | 35.40 | 39.56 | 37.75 | 38.80 | 37.72 | 40.45 | 38.93 | 28.67 | 40.40 | 42371 |

1920 House 25'4" high 40 yds S.E.

Details of 9.10.23 - g. at E. end of reservoir on S. side of valley, sheltered on South by house at 26'. open to N. wind chugging 100 ft. to bottom of valley. No shelter from N.W. winds except for a parapet.

† 1928. An estimated value of (£43.00) was printed in B.R. 1928

1929 Gauge inspected found leaking, not printed.

1930. New daily g. on same site substituted for leaking old g. at Hury. 28. Dec. 1929. (£.670379126)

* It is probable that the values for 1927-9 were 44.00, 44.30 & 32.00 (Teess Valley, W.S. 1941)

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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1920 | 54° 34' | 2° 3' | Cottelstone | 4 mi | E | Cottelstone | 4 mi | E |

RAINFALL at Baldersdale, Hurry Reservoir New GaugeCounty of N. R. YorkshireObserver G. R. Gallimore Esq., C.E.River Basin Tees 6

Rain Gauge, by

| | | | | | | | | | | | |
|-----------|------|------|------|------|------|------|---------|---------|---------|------|-------|
| Diameter | | | | | | | | | | | |
| Height | | | | | | | | | | | |
| Altitude | | | | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 |
| January | | | | | | | 1.50 | 2.80 | 7.30 | 1 | 6.37 |
| February | | | | | | | .80 | 1.50 | 4.70 | | 1.29 |
| March | | | | | | | .50 | 3.00 | 3.60 | | 2.18 |
| April | | | | | | | 1.50 | 2.60 | 1.20 | | 3.04 |
| May | | | | | | | 1.80 | 2.30 | 2.20 | | 1.47 |
| June | | | | | | | 1.50 | 2.80 | 5.50 | 1.50 | 1.86 |
| July | | | | | | | 3.50 | 5.00 | 1.70 | 3.49 | 5.03 |
| August | | | | | | | 3.30 | 7.60 | 6.40 | 3.80 | 5.43 |
| September | | | | | | | 1.94 | 6.00 | 1.00 | 1.94 | 3.30 |
| October | | | | | | | 3.76 | 3.40 | 4.20 | 3.76 | 4.05 |
| November | | | | | | | 5.51 | 4.60 | 5.00 | 5.51 | 4.61 |
| December | | | | | | | 6.39 | 2.40 | 2.10 | 8.39 | 3.24 |
| TOTALS | | | | | | | (32.00) | (44.00) | (44.30) | | 41.87 |

1929. This gauge caught 20% more than old Leaky gauge.
New g. on new site

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| | | | | | | | | |

RAINFALL at Baldersdale (Hury R.) old g. siteCounty of North RidingObserver G. R. Collinson, Esq., C.E.River Basin Tees - 6.T. S. R. White, Esq., C.E. (1900)

Type of Gauge.....

Annual Average 36.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Av. W. S.

670379/26

| Diameter | 5. | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Height | 1.0. | | | | | | | | | | | |
| Altitude | 866. | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | Total |
| January | 3.79 | 3.90 | 2.52 | 3.66 | 1.60 | 4.69 | 4.31 | 5.62 | 6.41 | 1.21 | 3771 | |
| February | 3.06 | .52 | 5.70 | .21 | 6.63 | 2.34 | 4.63 | 1.67 | 3.92 | 2.24 | 3092 | |
| March | .71 | 2.21 | 2.55 | 3.53 | 1.73 | 2.79 | 2.45 | 1.44 | 3.70 | 3.68 | 2479 | |
| April | 3.06 | 4.37 | 2.46 | 3.47 | 3.51 | .93 | 2.73 | .66 | 1.91 | 2.28 | 2543 | |
| May | 3.21 | 3.11 | 2.46 | 2.34 | .56 | 1.93 | 3.07 | 4.06 | .68 | 1.03 | 2245 | |
| June | 4.76 | 1.14 | 1.92 | 2.21 | 2.42 | 3.52 | 1.31 | 3.29 | 2.41 | .68 | 2366 | |
| July | 4.07 | 3.40 | 2.40 | 2.90 | 1.53 | 2.71 | 1.70 | 3.26 | 4.83 | 4.55 | 3143 | |
| August | 4.13 | 1.49 | 1.19 | 3.05 | 1.44 | 1.95 | 1.32 | 3.21 | 3.08 | .99 | 2195 | |
| September | 1.88 | 4.25 | 1.89 | 2.38 | 7.82 | 5.51 | 2.50 | 1.86 | 1.30 | 3.05 | 3244 | |
| October | 1.71 | 5.22 | 4.05 | 5.67 | 5.77 | 3.71 | 2.31 | 8.08 | 5.72 | 4.32 | 4656 | |
| November | 4.03 | 2.90 | 2.67 | 1.78 | 6.01 | 4.16 | 1.34 | 5.39 | 5.94 | 4.69 | 3891 | |
| December | 2.38 | 2.18 | .80 | 4.99 | 1.90 | 4.00 | 2.94 | 4.23 | 1.36 | 2.97 | 2775 | |
| TOTALS | 36.79 | 34.69 | 30.61 | 36.19 | 40.92 | 38.29 | 30.61 | 42.97 | 41.26 | 31.69 | 36402 | |
| | D | D | D | D | D | D | D | D | D | D | D | |

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 |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|---------------------|----------------------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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

RAINFALL at Baldersdale (Hury R.) new g. site.County of North RidingObserver G. R. Collinson, Esq., C.E.River Basin Tees - 6T. S. R. Winter, Esq., C.E. (1901)

Type of Gauge

Annual Average 37.3 in. based on 21 years obs. 4 weighted. Period of average 1891-1915 Ref. Tees Valley Surveyusing Hury R. g.

Av. Work Sheet

670379/26

| Diameter | 5. | | | | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-----------|
| Height | 1.0. | | | | | | | | | | | |
| Altitude | 862. | | | | | | | | | | | |
| Year | 1931 | 1932 | 1933 | 1934 | 1935 | 1936 | 1937 | 1938 | 1939 | 1940 | Means | 1891-1915 |
| January | 3.94 | 4.47 | 2.71 | 3.77 | 1.68 | 5.08 | 4.53 | 5.93 | 6.59 | 1.40 | 40.10 | |
| February | 3.15 | 5.50 | 5.90 | 2.22 | 6.65 | 2.42 | 4.82 | 1.67 | 3.99 | 2.30 | 31.62 | |
| March | 7.79 | 2.29 | 2.57 | 3.70 | 1.68 | 2.86 | 2.55 | 1.52 | 3.77 | 3.67 | 25.40 | |
| April | 3.10 | 4.43 | 2.50 | 3.54 | 3.61 | 9.8 | 2.75 | 6.0 | 1.95 | 2.28 | 25.74 | |
| May | 3.31 | 3.14 | 2.47 | 2.43 | 5.56 | 1.99 | 3.12 | 4.11 | 7.71 | 1.03 | 22.87 | |
| June | 4.90 | 1.15 | 1.96 | 2.18 | 2.42 | 3.60 | 1.35 | 3.40 | 2.43 | 6.68 | 24.07 | |
| July | 4.14 | 3.46 | 2.47 | 2.93 | 1.55 | 2.81 | 1.74 | 3.43 | 4.92 | 4.45 | 31.90 | |
| August | 4.21 | 1.50 | 1.19 | 3.14 | 1.48 | 1.95 | 1.33 | 3.27 | 3.11 | 1.02 | 22.30 | |
| September | 1.93 | 4.35 | 1.90 | 2.43 | 7.93 | 5.52 | 2.60 | 1.83 | 1.30 | 3.12 | 32.96 | |
| October | 1.78 | 5.29 | 4.19 | 5.89 | 6.02 | 3.78 | 2.35 | 3.27 | 5.75 | 4.45 | 41.87 | |
| November | 4.28 | 3.01 | 2.70 | 1.80 | 6.02 | 4.26 | 1.38 | 5.64 | 5.93 | 4.72 | 39.74 | |
| December | 2.51 | 2.40 | 8.80 | 5.05 | 1.94 | 4.29 | 2.98 | 4.14 | 1.38 | 3.17 | 28.66 | |
| TOTALS | 38.04 | 35.99 | 31.36 | 37.08 | 41.54 | 39.54 | 31.50 | 44.06 | 41.83 | 32.29 | 373.23 | |
| | D | D | D | D | D | D | D | D | D | D | D | |

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 | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

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

Station No. T.F. 3493

RAINFALL at Baldersdale (Hwy R) and g. site x 41

County of North Riding Observer T.S.R. Winter Exp. CE.

River Basin Tees - 6

Type of Gauge

Annual Average 26.5 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. A.V. W.S. *

File No. 225152/33 E10078/49 670379/160

| Diameter | 5" | | 028 | 102 | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|
| Height | 1' 0" | | | 1 | | | | | | | |
| Altitude | 866 | | | 41 | | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means |
| January | 3.09 | 3.29 | 4.22 | 4.52 | 5.05 | 2.80 | 3.09 | 8.60 | 2.11 | 2.07 | 3884 |
| February | 3.92 | 1.87 | 2.61 | 2.33 | 4.35 | 3.74 | (4.03) | 3.42 | 3.36 | 6.70 | 3653 |
| March | 3.30 | 2.29 | 2.73 | .93 | 1.71 | 1.65 | (5.85) | 2.14 | 1.01 | 1.48 | 2249 |
| April | 1.81 | 2.05 | 2.50 | 1.48 | 2.52 | 1.19 | 6.09 | 3.03 | 3.47 | 2.91 | 2705 |
| May | 1.58 | 1.77 | 3.85 | 1.71 | 3.56 | 1.73 | 1.83 | 1.46 | 1.44 | 2.11 | 2104 |
| June | .23 | 1.15 | 2.88 | 2.42 | 3.05 | 1.94 | 3.93 | 4.04 | .75 | 1.54 | 2193 |
| July | 2.21 | 3.14 | 1.85 | 3.60 | 1.35 | 4.44 | 3.64 | .90 | 2.77 | 3.21 | 2711 |
| August | 3.29 | 3.07 | 6.52 | 1.89 | 4.42 | 4.18 | .19 | 4.18 | 1.63 | 5.88 | 3525 |
| September | .20 | 2.49 | 3.52 | 6.96 | 2.11 | 4.94 | 3.43 | 3.83 | 1.94 | 5.42 | 3424 |
| October | 4.68 | 3.10 | 3.58 | 3.61 | 5.13 | .88 | 1.02 | 2.37 | 5.01 | 2.69 | 3207 |
| November | 3.42 | 1.18 | 3.11 | 7.25 | .85 | 5.92 | 5.30 | 2.61 | 4.81 | 5.42 | 3487 |
| December | 1.62 | 3.87 | 2.30 | 4.20 | 1.87 | 3.72 | 3.88 | 3.42 | 7.01 | 1.98 | 3367 |
| TOTALS | 29.35 | 29.27 | 39.67 | 39.70 | 35.97 | 37.13 | 42.08 | 40.00 | 35.51 | 41.41 | 37009 |

1947. Feb to Mar. gauge not used for snow

30004

1951. House 66' high 40' distant. 100

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| | | | | | | | | |

RAINFALL at Baldersdale (Hwy R) new g. side ✓ 41
 Station No. T.F. 3494
 County of North Riding Observer T.S.R. Winter Eog CE.
 River Basin Tees - 6
 Type of Gauge

Annual Average 37.3 in. based on 2 1/2 years obs. un-weighted. Period of average 1881-1915 Ref. Av. Wash. Sta.
 using Hwy 21.9 E10079/49
 * I/30 - VII/32 File No. 22692/1561027/26

| Diameter | 5" | | 028 | 106 | | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--|
| Height | 1' 0" | | | 1 | | | | | | | | |
| Altitude | 862' | | | 41 | | | | | | | | |
| Year | 1941 | 1942 | 1943 | 1944 | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 | Means | |
| January | 3.07 | 3.33 | 4.46 | 4.83 | 4.87 | 3.00 | 3.46 | 8.87 | 2.11 | 2.09 | 40.09 | |
| February | 4.17 | 1.90 | 2.70 | 2.39 | 4.41 | 3.78 | (3.85) | 3.63 | 3.56 | 6.73 | 37.12 | |
| March | 3.33 | 2.31 | 2.47 | 3.5 | 1.76 | 1.70 | (5.97) | 2.35 | 1.05 | 1.52 | 22.81 | |
| April | 1.89 | 2.10 | 2.62 | 1.53 | 2.52 | 1.19 | 6.48 | 3.11 | 3.50 | 2.91 | 27.85 | |
| May | 1.60 | 1.82 | 3.98 | 1.73 | 3.61 | 1.74 | 1.83 | 1.46 | 1.44 | 2.09 | 21.30 | |
| June | .23 | 1.15 | 2.98 | 2.53 | 3.11 | 1.97 | 3.96 | 4.08 | .75 | 1.53 | 22.29 | |
| July | 2.19 | 3.14 | 1.87 | 3.64 | 1.39 | 4.42 | 3.64 | .90 | 2.77 | 3.20 | 27.16 | |
| August | 3.34 | 3.10 | 6.60 | 1.86 | 4.45 | 4.30 | .19 | 4.20 | 1.63 | 5.85 | 35.52 | |
| September | .20 | 2.53 | 3.56 | 6.40 | 2.17 | 5.03 | 3.40 | 3.87 | 1.94 | 5.32 | 34.48 | |
| October | 4.75 | 3.18 | 3.66 | 3.73 | 5.24 | .88 | 1.04 | 2.46 | 5.06 | 2.62 | 32.62 | |
| November | 3.50 | 1.20 | 3.01 | 7.36 | .85 | 6.12 | 5.27 | 2.70 | 4.80 | 5.30 | 40.11 | |
| December | 1.69 | 3.94 | 2.36 | 4.26 | 1.91 | 3.88 | 3.72 | 3.50 | 7.13 | 1.88 | 34.27 | |
| TOTALS | 29.96 | 23.76 | 40.27 | 40.61 | 36.29 | 38.01 | 42.81 | 41.13 | 35.74 | 41.04 | 375.62 | |

1947 Feb. 9 max. wind ft snow

1951. Howe 66' high 40' diameter. 109 97

30004

33 4.58

† Revised 1941 (P.O. 447) as to be retained although possibly big.

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. |
|-------|---------|-------|------------------|---------------------|----------------------|----------------|----------------------|-----------------------|
| | | | | | | | | |

Station No. 3493 T.P. 62RAINFALL at Baldersdale (Hury Res.) old g. site

51

County of North Riding - Yorks.Observer R. H. R. Winter, Esq. C.E.River Basin Tees - ELess Valley & Cleveland Water Bd.Type of Gauge M.O. (on beam)Annual Average 36.2 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. N.Y.S.37.5 " " " " 1916-1950File No. 5.10079/49

| Diameter ... | 5" | | 028 | 102 | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| Height ... | 1'0" | | | 1 | | | | 1'1" | | | |
| Altitude ... | 866' | 856' | | 51 | | | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means |
| January ... | 3.26 | 3.37 | .99 | 3.71 | 2.59 | 4.06 | 4.65 | 2.88 | 2.59 | 5.48 | 33.58 |
| February ... | 3.71 | .81 | 1.49 | 1.93 | 1.59 | 2.23 | 3.06 | 6.32 | .56 | 2.64 | 24.34 |
| March ... | 3.70 | 1.61 | .70 | 1.89 | 1.99 | 2.36 | 2.00 | 2.68 | 1.52 | 2.31 | 20.76 |
| April ... | 3.10 | 1.60 | 3.08 | .73 | .88 | 1.03 | .46 | 1.45 | 3.00 | 2.33 | 17.66 |
| May ... | 2.91 | 2.05 | 2.61 | 4.99 | 2.89 | 1.10 | 2.05 | 4.68 | .37 | 1.98 | 25.63 |
| June ... | .88 | 1.49 | 2.31 | 2.67 | 2.23 | 2.44 | 1.31 | 3.56 | 1.74 | 1.17 | 19.80 |
| July ... | 1.05 | 1.33 | 3.16 | 2.32 | 1.16 | 3.46 | 4.59 | 3.02 | 2.16 | 4.54 | 26.79 |
| August ... | 3.30 | 3.73 | 5.21 | 5.20 | 1.45 | 7.66 | 5.90 | 4.18 | .82 | 2.82 | 40.27 |
| September ... | 1.92 | 3.60 | 2.72 | 5.26 | 2.05 | 4.45 | 3.82 | 4.24 | 1.25 | 2.91 | 32.22 |
| October ... | .92 | 3.65 | 1.67 | 7.19 | 2.29 | 2.83 | 3.75 | 2.54 | 3.19 | 6.72 | 34.75 |
| November ... | 8.80 | 2.34 | 3.52 | 6.90 | 2.03 | 1.41 | 2.03 | .85 | 5.04 | 5.81 | 38.73 |
| December ... | 8.20 | 2.92 | 1.63 | 4.67 | 7.35 | 5.29 | 4.30 | 4.88 | 6.70 | 5.17 | 51.11 |
| TOTALS ... | 41.75 | 28.50 | 29.09 | 47.46 | 28.50 | 38.32 | 37.92 | 41.28 | 28.94 | 43.88 | 365.64 |
| | D | D | D | D | D | D | D | D | D | D | |

Inst. III 1259, J.H.K. g. mount. Small enclosure. Site overexposed NW-NE otherwise satisfactory but not as good as exposure of new g. Also alt. compare to W.

966192

Position of Station on Ordnance One-Inch map:

No. of Map 84National Grid Reference NY(35) 960192

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|-------------------------------|----------------|--------------------------------|
| | | | | | | |

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 |
|----------------|---------|---------|---------|---------|---------|
| C 1897 | ✓ | ✓ np 29 | ✓ | ✓ | |
| | ✓ | ✓ | ✓ | ✓ | |

Station No. 3494 *T.F. 42*RAINFALL at Baldersdale (Hurry Ho.) new g. site 51County of North Riding-Yorks.Observer T. L. R. Winter Esq. C.E.River Basin Lees - 2Lees Valley & Colne Canal Water Bd.Type of Gauge M.O.Annual Average 37.3 in. based on 2 1/2 years obs. un-weighted.Period of average 1881-1915 Ref. Pl. Wash. St. 5" " 37.98 " " 18 " " 1932-49File No. 100.79/49

| Diameter ... | 5" | | 0.28 | 106 | | | | | | | |
|---------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----------------|
| Height ... | 1' 0" | | | 1 | | | | 1' 0" | | | |
| Altitude ... | 862' | | | 51 | | | | | | | |
| Year ... | 1951 | 1952 | 1953 | 1954 | 1955 | 1956 | 1957 | 1958 | 1959 | 1960 | Means Totals |
| January ... | 3.12 | 3.14 | .94 | 3.70 | 2.40 | 3.84 | 4.44 | 2.69 | 2.46 | 5.29 | 32.02 |
| February ... | 3.32 | .78 | 1.33 | 1.87 | 1.48 | 1.99 | 2.88 | 6.09 | .48 | 2.44 | 22.66 |
| March ... | 3.59 | 1.58 | .69 | 1.84 | 1.88 | 2.24 | 1.88 | 2.54 | 1.39 | 2.21 | 19.84 |
| April ... | 2.91 | 1.57 | 3.02 | .72 | .81 | .96 | .42 | 1.32 | 2.82 | 2.18 | 16.73 |
| May ... | 2.83 | 2.01 | 2.58 | 5.00 | 2.72 | 1.00 | 1.94 | 4.53 | .36 | 1.90 | 24.87 |
| June ... | .86 | 1.47 | 2.31 | 2.60 | 2.10 | 2.31 | 1.23 | 3.42 | 1.64 | 1.07 | 19.01 |
| July ... | 1.05 | 1.31 | 3.03 | 2.28 | 1.14 | 3.42 | 4.48 | 2.89 | 2.04 | 6.31 | 25.95 |
| August ... | 3.22 | 3.67 | 5.15 | 5.06 | 1.42 | 7.53 | 5.75 | 4.00 | .77 | 2.02 | 39.19 |
| September ... | 1.84 | 3.56 | 2.68 | 5.10 | 1.86 | 4.38 | 3.67 | 4.07 | 1.21 | 2.79 | 31.16 |
| October ... | .89 | 3.52 | 1.64 | 7.09 | 2.17 | 2.70 | 3.62 | 2.40 | 3.04 | 6.68 | 33.75 |
| November ... | 8.66 | 2.28 | 3.44 | 6.64 | 1.91 | 1.33 | 1.90 | .79 | 4.81 | 5.69 | 37.45 |
| December ... | 7.98 | 2.84 | 1.61 | 4.32 | 4.13 | 5.00 | 4.16 | 6.66 | 6.42 | 5.06 | 49.18 |
| TOTALS ... | 40.27 | 27.73 | 28.42 | 46.22 | 27.02 | 36.70 | 36.37 | 39.40 | 27.44 | 42.24 | 351.81 |
| | D | D | D | D | D | D | D | D | D | D | |

high III 1959 12.60K. R. round small enclave. One exposure NNE/NNW

Suspect old mining headframe have
been sunk for opposite gauge

-967192

Position of Station on Ordnance One-Inch map :

No. of Map 84National Grid Reference NY(35)968195

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|----------------------------------|----------------|-----------------------------------|
| | | | | | | |

Summary of Earlier Records from 10-year Sheets :

| Record D, or d | 1910-19 | 1920-30 | 1931-40 | 1941-50 | 1951-P |
|-------------------|---------|------------------|----------|----------|--------|
| | | <u>Cump 1929</u> | <u>✓</u> | <u>✓</u> | |
| | | <u>✓</u> | <u>✓</u> | <u>✓</u> | |