

# RAINFALL AT

*Burnhope Bridge*

Lat. ....

Lon. ....

County of

*Durham*

Rain Gauge, by .....

Observer

*H. Lowery Wallis Esq.  
Durham County Council  
per Kenneth P. Hootley*

*Wear - 2.*

Diameter ..											
Height ....	<i>1.0</i>										
Altitude ..	<i>1200</i>										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..		<i>4.07</i>									
February ..		<i>1.68</i>									
March ....		<i>2.85</i>									
April .....		<i>2.47</i>									
May .....		<i>1.31</i>									
June .....		<i>2.87</i>									
July .....		<i>2.39</i>									
August ....		<i>2.78</i>									
September ..		<i>2.09</i>									
October ....		<i>3.45</i>									
November ..	<i>5.65</i>	<i>7.68</i>									
December ..	<i>7.97</i>	<i>5.14</i>									
TOTALS ..		<i>40.08</i>	<i>39.24</i>	<i>78.26</i>	<i>44.28</i>	<i>41.35</i>	<i>50.91</i>	<i>52.79</i>	<i>47.66</i>	<i>54.83</i>	

*Annual totals, 1902-1921, recd. 19.2.22 (file No. 408255/23) Exch. SL 23*

RAINFALL at Burnhope Bridge [Reservoir]County of DurhamObserver Durham County Water Board  
per Kenneth P. Hawley.River Basin Wear 2

Rain Gauge, by \_\_\_\_\_

Diameter ...											
Height .....	1	0									
Altitude.....	1200										
Year .....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January.....											
February ...											
March .....											
April .....											
May .....											
June .....											
July .....											
August .....											
September...											
October.....											
November...											
December ...											
TOTALS ...	53.56	53.99	53.04	52.08	59.85	41.35	71.94	55.66	54.47	48.34	

Annual totals, 1902-1921 rev. 19.2.23 (file No. 408253/23) C.A. XI. 23

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Burnhope BridgeCounty of DurhamObserver Durham County Water BoardRiver Basin Wear 2per Kenneth B. Haskins  
H. RobinsonCu Snowdon Rain Gauge, by Casella 8269Sund correct 1X.26Barometer measure to 30 only correct 1X.26

Diameter ...	5											
Height .....	1	0										
Altitude ...	1200											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...				4.51	4.81	7.54	6.31	6.11	11.07	1.57	8.26	
February ...				6.92	1.74	7.87	4.31	2.24	4.63	.92		
March .....				1.57	1.00	3.41	2.55	4.61	6.06	.44		
April .....				2.80	1.89	5.69	3.08	4.93	1.29	1.71		
May .....				3.98	5.58	5.09	3.09	3.08	1.95	2.46		
June .....				1.28	2.44	.19	3.28	4.13	6.17	1.80		
July .....				2.93	5.49	1.37	4.71	4.53	3.27	4.21		
August .....				7.72	3.15	3.28	4.39	8.42	8.29	2.73		
September...				3.21	6.09	4.74	4.72	8.18	1.92	1.65	5.36	
October .....				7.28	4.96	4.65	4.80	5.47	8.24	5.40	6.72	
November...				7.61	3.77	3.40	8.49	5.39	8.65	8.00	6.36	
December...				3.47	8.36	9.10	1.76	2.07	3.42	11.56	5.19	
TOTALS...	54.96	47.88	45.52	53.48	49.28	56.33	51.49	59.16	64.96	43.95	unp.	

Annual totals 1902-1921 recd. 19.2.23 (file No. 408253/23) 122 X 123  
 Inspected 13. 10th. September 1926. 5. in open field with fence round (at the moment broken down), well or hedge at distance all round, excellent exposure. Readily.

1930 Record Feb-Aug unreliable. Has 3 on new sets 1/9/30.

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



RAINFALL at Burnhope BridgeCounty of DurhamObserver H. Robinson, C.E.River Basin 2. WearL.P. Rodwell, Esq., C.E. (1938)

Type of Gauge.....

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

660612/36

Diameter .....	5"											
Height .....	1' 0"											
Altitude .....	1160'											
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	Totals
January .....	5.22	8.71	5.10	6.14	3.19	8.39	6.70	8.27	9.22	2.72	6.36	63.66
February .....	6.10	1.06	6.62	5.0	9.22	4.35	6.13	2.57	5.49	2.21	4.42	44.25
March .....	1.98	3.92	2.61	5.33	2.00	4.50	4.41	2.32	5.80	5.28	3.81	38.15
April .....	5.68	5.88	2.36	7.02	5.43	2.26	2.74	1.27	3.65	2.87	3.91	39.16
May .....	3.27	3.31	2.63	4.64	1.36	2.47	3.89	2.98	1.56	1.95	2.80	28.06
June .....	5.74	2.81	2.75	2.70	3.51	4.33	1.54	5.66	3.71	.75	3.35	33.56
July .....	3.78	4.32	3.51	4.29	2.31	4.85	2.01	4.22	5.33	6.09	4.07	40.71
August .....	3.94	1.49	1.75	3.74	1.64	2.38	3.38	3.17	3.01	2.34	2.68	26.84
September .....	3.05	5.20	1.99	3.39	7.44	4.95	3.98	2.09	1.77	3.80	3.76	37.66
October .....	2.71	8.48	5.89	9.14	9.65	6.50	3.14	12.31	6.18	6.52	7.05	70.52
November .....	6.20	3.98	4.22	3.11	7.89	6.47	1.40	8.31	7.42	6.35	5.53	55.35
December .....	3.52	5.28	1.32	6.80	3.27	7.90	6.11	7.42	2.45	5.45	4.95	49.58
TOTALS .....	51.19	54.44	40.75	56.80	56.91	59.35	45.43	60.65	55.65	46.33	52.75	527.50
	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

RAINFALL at <sup>Reservoir</sup> Burnhope Bridge Station No. T.F. 3536/5

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County of DurhamObserver T.A. Rodwell Esq. C.E.River Basin Don-2

Type of Gauge

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

File No. 6606.12/26

Diameter	8"		021	229							
Height	1'0"			1							
Altitude	1165			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.27	4.99	8.03	7.03	6.57	5.75	5.31	13.72	3.04	4.32	62.03
February	7.76	2.62	5.34	3.47	4.85	4.75	5.59	5.19	5.99	8.49	54.05
March	4.38	4.75	2.27	1.03	2.58	2.96	8.49	4.73	1.25	2.74	35.18
April	2.45	3.65	4.00	1.81	3.58	1.42	10.95	4.25	5.24	4.89	42.24
May	2.79	3.32	4.54	2.49	3.98	2.76	2.27	2.12	2.03	2.85	29.15
June	.49	1.25	2.52	3.63	4.28	3.64	4.37	6.87	.88	2.24	30.17
July	1.44	3.84	3.19	2.75	2.05	4.60	3.68	1.64	2.40	3.62	29.71
August	4.87	3.86	6.15	2.78	4.49	5.97	.21	6.61	2.36	6.45	43.75
September	.61	5.16	4.46	7.08	3.43	6.41	3.49	4.69	1.94	8.22	45.49
October	6.58	5.33	4.79	6.30	6.62	1.42	1.39	2.77	5.39	3.92	44.51
November	3.86	1.15	4.59	10.46	1.04	9.91	6.48	2.77	9.90	8.36	58.52
December	3.29	5.49	2.80	5.45	2.66	4.82	3.52	5.61	9.95	2.75	46.34
TOTALS	41.79	43.41	52.68	54.28	46.13	54.41	55.75	60.97	50.87	58.85	521.14

1941. Feb. could be snow.

+ Engines station 3-12-47 that gauge was moved 300 yds down valley in 1930 &amp; is 4-5 ft lower.

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

3536/5 T.F. 8

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County of Durham

Observer

J. C. Rodwell Esq. C. E.,

River Basin.....Wear-2

1/1/54

A.C. WILDSMITH Esq C.E.

Type of Gauge.....Snowdon.

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

" " 54-75 " " 26 " " 1931-56

Period of average

1916-1950  
File No.

60 16062/26 5 6 92554/58

10

1955 low. but accept  
1956 Feb. part cal MO3. Eng. agrus.

1957 Rather low but accept.

1957 Western low bar accept.  
 Insp. III 1959 f.b.O.K. by. record. Satisfactory exposure

1900 New inner container installed

2004

*Position of Station on Ordnance One-Inch map :*

No. of Map.....84

National Grid Reference 35/85039

*Summary of Earlier Records from 10-year Sheets :*

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ A	✓ out A 1920-22 - 23-24	✓ ✓	✓ ✓	