

RAINFALL at Barnard Castle Bowle Museum.County of DurhamObserver A. O. Patterson, Esq.
F. C. DalgarnoRiver Basin Tees 6-1A. O. Patterson Rain Gauge, by
(126)

Diameter ...			5									
Height			1.0									
Altitude ...			500									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN	
January ...	4.00	5.20	4.12	1.87	2.58	3.50	3.24	2.52	5.79	1.23	4.66	38.71
February ...	1.70	1.10	3.41	5.42	.91	2.98	2.29	1.09	5.34	.98	1.40	24.62
March	2.80	1.40	2.11	1.62	1.21	1.61	1.36	2.42	5.68	.15	3.03	21.39
April	5.10	.70	3.38	2.59	1.68	3.96	1.21	2.16	.50	.94	3.45	25.67
May	3.10	1.30	1.00	2.80	6.21	4.17	2.07	2.03	2.33	.92	.91	26.94
June	1.10	.40	1.17	.90	1.35	.06	3.05	2.50	5.44	1.24	1.27	18.58
July	4.30	1.80	4.52	2.13	4.22	1.03	2.89	4.41	1.02	2.93	5.31	34.66
August	1.10	3.70	1.77	4.13	1.36	3.49	2.33	7.25	6.17	2.51	5.83	39.64
September...	1.20	.80	4.57	2.60	2.23	2.43	3.41	5.10	.32	1.11	4.88	29.25
October	2.80	1.90	1.75	3.40	4.04	3.33	3.10	2.63	5.30	2.40	2.68	31.32
November...	1.30	2.30	1.17	5.08	1.82	2.24	4.66	3.50	5.34	4.14	3.22	34.77
December...	3.80	3.80	4.42	2.50	3.94	5.27	1.32	2.28	1.58	6.64	2.85	38.40
TOTALS...	32.38	22.40	33.39	35.04	32.35	35.07	30.93	37.39	38.81	25.29	39.49	363.96

7 1922 Trees 40 ft high 50 yards S.
 1923 Hedges 6 " " 12 yds N. 12. + W.
 1925 TREES 30' " 30 yds W
 1927 Garden ground, Beech hedges 6' high 30 yds W+S, and N.
 Gauge moved 60 yds N. Nov. 22nd.
 new G x 127.

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
1922	54° 31'	2° 50'	Barnard Castle	1 1/2 mi	W.	Barnard C + 1/2 mi		Sw

RAINFALL at Barnard Castle (Bowes Museum)County of DurhamObserver S. E. Harrison, Esq.River Basin Tees & C. - 1.

Type of Gauge.....

Annual Average 30.4 in. based on 5 years obs. un-weighted. Period of average 1881-1925 Ref. S.

796166/27

Rust

Diameter	6.										5	
Height	1.0.											
Altitude	500.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.02	2.78	1.96 (5.10)	2.37	1.58	4.40	4.44	3.88	5.97	1.78	3218	
February	2.05	.75	7.60	.19	4.90	3.60	3.88	1.39	2.51	2.68	2705	
March	1.05	1.68	2.00	3.21	.97	2.76	4.25	.50	3.49	2.35	2226	
April	3.27	2.66	1.15	3.96	3.07	91	2.90	.19	1.03	2.50	2164	
May	3.06	3.70	2.43	1.66	.64	2.88	2.90	3.29	.73	1.40	2269	
June	4.00	1.33	2.85	1.67	2.88	4.20	1.12	2.75	1.79	.26	2285	
July	4.95	3.11	1.62	1.53	.70	2.48	1.62	2.61	3.58	4.40	2660	
August	4.18	1.82	.95	2.69	2.91	1.95	1.48	2.52	3.84	.44	2278	
September	2.78	2.65	1.76	1.67	7.42	4.79	1.50	1.54	1.17	1.30	2658	
October	.95	3.98	3.24	4.03	5.18	2.59	2.41	5.71	5.88	4.11	3808	
November	3.44	1.72	2.66	1.80	5.45	3.31	2.08	3.78	4.40	3.67	3231	
December	1.87	1.38	.82	5.44	1.84	2.41	3.78	5.26	1.13	2.06	2699	
TOTALS	34.62	2756	24.04 (26.52)	30.22	37.54	37.28	32.36	33.42	35.52	26.95	32201	

1933 February adjusted for snowfall by surrounding stations.

* Standard gauge measures brought into use in 1927

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	Direction
			Barnard Castle	1/2 m		Barnard Castle	1/4 m	

Station No. M. 3510.RAINFALL at Barnard Castle (Bowes Museum)

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County of DurhamObserver S. F. Harrison Esq. died 25/9/45River Basin Tees & C - 1Type of Gauge Thomas Wake 189/ (1946)Annual Average 30.4 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref SFile No. 796166/27

Diameter	5"	6"	028	408						5"	
Height	1' 0"			1							
Altitude	500'			41						550'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	4.11	2.44	3.58	2.07	5.39	2.06	2.35	1.62	1.09	1.67	3238
February	3.86	1.69	1.43	1.78	2.72	1.80	(3.50)	2.13	1.39	5.65	2595
March	2.90	2.02	1.25	.28	.80	1.42	6.10	1.74	.87	1.12	1850
April	2.37	1.39	1.53	1.52	1.79	1.30	6.07	2.56	1.77	2.44	2274
May	1.18	1.97	3.02	1.07	3.21	2.08	2.31	1.20	.89	1.59	1852
June	.36	.78	1.39	1.58	2.23	1.61	2.42	3.01	1.20	.90	1548
July	1.25	2.07	1.37	4.08	1.80	2.84	2.72	.55	2.51	3.10	2229
August	1.88	2.26	4.48	1.23	4.05	4.15	.31	3.43	1.71	4.96	2846
September	.09	2.26	2.62	5.94	1.52	4.39	2.07	2.40	2.46	3.89	7764
October	3.93	1.86	2.69	4.00	4.34	1.16	.89	1.57	4.04	1.50	2598
November	3.41	1.02	2.04	6.19	.91	7.03	2.51	1.38	4.11	5.18	3378
December	.84	2.75	1.65	3.37	1.29	3.45	2.73	3.02	4.25	2.04	2539
TOTALS	26.18	22.51	27.05	33.11	30.05	33.29	33.98	30.61	26.29	34.04	29711

1941 Jan. cond. for snow.

1946 Beech Hedge Giff 6 yds N.S.E.W.

1947 Feb at for snow. March part at.

20004

Shr. Wake appointed curator.

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.
1945			B. Castle	1/2	N	B. Castle	500 yds	W.

BRITISH RAINFALL ORGANIZATION

Station No. 3510 mRAINFALL at Barnard Castle (Bowes Museum)

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County of DurhamObserver W. H. M. BlakeleyRiver Basin Tees & C-1

The Curator -

Type of Gauge

Annual Average 30.4 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. S
31.51 " " 35 " " 1916-1950 1916-1950 PFile No. 794166/27

Diameter ...	5"		028	408							
Height ...	1' 0"			1							
Altitude ...	550'	500'		51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means Total
January ...	2.68	2.72	.55	2.85	2.70	3.56	3.01	2.78	2.90	4.93	28.68
February ...	3.65	.42	2.08	2.54	2.33	2.38	2.73	5.58	.21	3.04	24.96
March ...	3.86	1.41	.33	1.64	1.89	1.44	1.81	2.89	1.37	2.82	19.46
April ...	2.13	1.09	2.52	.70	.28	.97	.21	1.30	2.47	1.69	13.36
May ...	3.55	1.91	3.11	3.78	2.04	.67	1.79	3.69	.53	2.35	23.42
June96	1.15	2.39	2.08	2.04	2.63	1.18	3.69	1.99	.57	18.68
July99	.72	2.49	1.13	.78	3.44	3.59	2.44	1.20	4.16	20.94
August ...	3.64	2.28	4.24	5.32	.87	7.28	4.34	3.26	.80	2.87	34.90
September ...	1.39	3.53	2.44	3.17	1.26	3.67	4.14	3.17	1.21	2.90	26.58
October ...	1.18	3.40	1.75	5.21	1.98	1.66	2.72	1.93	2.02	6.74	28.59
November ...	8.19	2.32	1.89	6.04	1.89	.95	1.77	.66	5.69	4.13	33.53
December ...	5.02	2.14	1.18	2.99	4.37	4.49	3.38	4.67	4.56	3.46	36.26
TOTALS ...	37.24	23.09	24.67	37.45	22.43	33.14	30.67	36.06	24.95	39.66	309.36
	D	D	D	D	D	D	D	D	D	D	

1951 Bush Hedge 8' 10yd NW 5;

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Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference NZ(45)055166

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Barnard Castle	1200y	NW	Barnard Castle	750yd	SW.

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 1922 -22-24 D 25-30	✓ ✓	✓ ✓	