

RAINFALL at Barnard Castle Bowes Museum.

County of Durham

Observer 16 Harrison Esq.
F.C. Dalgauns

River Basin 7656 1

A.O. Ratto Rain Gauge, by
(126)

Diameter ...	5										
Height	1.0										
Altitude ...	500										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN
January ...	400	520	412	1.87	2.58	3.50	3.24	2.52	5.79	1.23	4.66
February ...	170	10	3.41	5.42	.91	2.98	2.29	1.09	3.34	.98	1.40
March	280	140	2.11	1.62	1.21	1.61	1.36	2.42	3.68	.15	3.03
April	5.10	.70	3.38	2.59	1.68	3.96	1.21	2.16	.50	.94	3.45
May	3.10	130	1.00	2.80	6.81	4.17	2.07	2.03	2.33	.92	1.91
June	1.10	.40	1.17	.90	1.35	.06	3.05	2.50	5.44	1.24	1.27
July	4.30	180	4.52	2.13	4.32	1.03	2.89	4.41	1.02	2.93	5.31
August	1.10	370	1.77	4.13	1.36	3.49	2.33	7.25	6.17	2.51	5.83
September...	120	.80	4.57	2.60	2.83	2.43	3.41	5.10	.32	1.11	4.88
October.....	280	190	1.75	3.40	4.04	3.33	3.10	2.63	3.30	2.40	2.68
November...	130	230	1.17	5.08	1.82	2.24	4.66	3.50	5.34	4.14	3.22
December...	380	380	4.42	2.50	3.94	5.27	1.32	2.28	1.58	6.64	2.85
TOTALS...	(32.30)	(22.40)	33.39	35.04	32.33	35.07	30.93	37.39	38.81	25.29	39.49
											36396

7 1922 Trees 40' high 50 yard S.
 1923 Hedges 6' " 12' N.E. + W.
 1925 TREES 30' " 50 yds W
 1927 Garden ground Beech hedges 6' high 30yds W+S, and N.
 new G x 17.
 3511

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	Parish Church.	Distance from gauge
1922	54° 21'	2° 50'	Barnard Castle	1 1/2 mi W	Barnard C + Lain Castle	See

RAINFALL at Barnard Castle (Bowes Museum)

County of Durham

Observer 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 1921-1925 Ref. 5

796166/27

Rushall

Diameter	6.									5
Height	1.0.									
Altitude	500.									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
January	3.02	2.78	1.96 (6.10)	2.37	1.58	4.40	4.44	3.88	5.97	1.78
February	2.05	1.75	7.60	1.19	4.90	3.60	3.88	1.39	2.51	2.68
March	1.05	1.68	2.00	3.21	1.97	2.76	4.25	1.50	3.49	2.35
April	3.27	2.66	1.15	3.96	3.07	9.12	2.90	1.19	1.03	2.00
May	3.06	3.70	2.43	1.66	1.64	2.88	2.90	3.29	.73	1.40
June	4.00	1.83	2.85	1.67	2.88	4.20	1.12	2.15	1.79	2.6
July	4.95	3.11	1.62	1.53	1.70	2.48	1.62	2.61	3.58	4.40
August	4.18	1.82	1.95	2.69	2.91	1.95	1.48	2.52	3.84	4.4
September	2.78	2.65	1.76	1.67	7.42	4.79	1.50	1.54	1.17	1.30
October	1.95	3.98	3.24	4.03	5.18	2.59	2.41	5.71	5.88	4.11
November	3.44	1.72	2.66	1.80	5.45	3.31	2.08	3.78	4.40	3.67
December	1.87	1.38	1.82	5.44	1.84	3.41	3.78	5.26	1.13	2.06
TOTALS	34.62	27.56	(26.52)	30.22	37.54	37.28	32.36	33.42	35.52	26.95
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.

1933 February adjusted for snowfall by surrounding station.

* Standard gauge truncated 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
			Barnard Castle	1m		Barnard Castle	4m.

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

Station No. M. 3510.

RAINFALL at Barnard Castle (Bowes Museum)

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County of Durham

Observer

died 25/9/45

River Basin Tees & C - 1

S.E. Harrison Esq.

Type of Gauge

Thomson Wake 199/1946

Annual Average 30.4 in. based on 5 years obs. un-weighted. Period of average 1881-1916 Ref. S

File No. 796166/27

Diameter	6"	6	028	408						5"
Height	10'			1						
Altitude	300'			41						550'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
										Means 72000
January	4.11	2.44	3.58	2.07	5.39	2.06	2.35	1.62	1.09	1.67
February	3.86	1.69	1.43	1.78	2.72	1.80	(3.50)	2.13	1.39	5.65
March	2.90	2.02	1.25	1.28	1.80	1.42	6.10	1.74	.87	1.12
April	2.37	1.39	1.53	1.52	1.79	1.30	6.07	2.56	1.77	2.44
May	1.18	1.97	3.02	1.07	3.21	2.08	2.31	1.20	.89	1.59
June	.86	.78	1.39	1.58	2.23	1.61	2.42	3.01	1.20	.90
July	1.25	2.07	1.37	4.08	1.80	2.84	2.72	.55	2.51	3.10
August	1.88	2.26	4.48	1.23	4.05	4.15	.31	3.43	1.71	4.96
September	.09	2.26	2.62	5.94	1.52	4.39	2.07	2.40	2.46	3.89
October	3.93	1.86	2.69	4.00	4.34	1.16	.89	1.57	4.04	1.50
November	3.41	1.02	2.04	6.19	.91	7.03	2.51	1.38	4.11	5.18
December	.84	2.75	1.65	3.37	1.29	3.45	2.73	3.02	4.25	2.04
TOTALS	26.18	22.51	27.05	33.11	30.05	33.29	33.98	30.61	26.29	34.04
	D	D	D	D	D	D	D	D	D	D

1941 Jan. covered for snow

20004

1946 Beech Hedge 6 1/8 yds N.S.E.W. Shs. Wake appointed curator.

1947 Rd. set for snow. Marsh part cut.

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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
1945			B. Castle	1 ml	N	B. Castle	500yds W.

Station No. 3510 m

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RAINFALL at Barnard Castle (Bowes Museum)

County of Durham

Observer Thomas Blake Long

River Basin Tees & E - 1

The Curator

Type of Gauge.

Annual Average 30.46 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref S
 31.51 " " 35 " 1916-1950 P
 File No. 796166/27

Diameter ...	5'		028	408							
Height ...	1' 0"			1							
Altitude ...	500' 550'	500'		51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
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	10.36
May	3.55	1.91	3.11	3.78	2.04	.67	1.79	3.69	.53	2.35	23.42
June	.96	1.15	2.39	2.08	2.04	2.63	1.18	3.69	1.99	.57	18.68
July	.99	.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	2.14	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 + 3;

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Bk of Analyses

Position of Station on Ordnance One-Inch map :			No. of Map	National Grid Reference NZ (45) 055 166		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Barnard Castle	1200yd 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	✓ ✓	✓ ✓	