

RAINFALL at ~~Penrith, Bridge~~, Barton House,

County of Westmorland Observer Mrs Legh Johnson

River Basin Eden - 1.

Howard Rain Gauge, by
(1st)

Diameter ...					- 5"						
Height					- 10						3
Altitude ...					500						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...					3.91	3.96	6.50	5.19	9.11	1.35	7.14
February ...					6.65	6.52	4.01	2.13	5.20	.72	.64
March					1.09	1.81	1.98	4.13	5.59	.29	2.95
April.....					1.58	5.15	2.57	2.54	1.23	1.35	1.69
May					4.24	4.77	2.24	2.75	1.90	2.84	2.08
June					1.56	24	3.98	3.20	5.71	1.62	2.17
July					4.22	1.68	3.58	5.43	J.79	3.98	3.42
August					2.85	3.42	4.83	8.18	8.03	4.26	7.85
September...					5.80	4.07	4.95	6.90	2.15	2.25	3.20
October.....					3.53	5.47	4.57	4.71	8.22	5.35	6.73
November...					4.07	1.82	8.71	3.88	9.01	7.59	5.01
December...					8.23	5.87	1.07	1.47	2.99	11.17	4.89
TOTALS...					41.75	44.48	48.99	50.84	62.93	42.77	47.77
					D	D	D	D	D	D	D

1925 Herbarious Border 6' NE

1930 Inspected June. Gauge + measure good.

Gauge surrounded with bits of stone which may cause overflogging. Their removal recommended.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1924	54° 40'	2° 50'	Penrith	4 1/2 M	NE	Barton	3 1/2 M	NE

RAINFALL at Penrith (Barton House) *Pooley Bridge*

County of Westmorland

Observer Mrs. Leigh Tolson,

River Basin Eden - 1.

Type of Gauge

Annual Average 42.4 in. based on 6 years obs. unweighted. Period of average 1881-1913 Ref. 5

846950/28

Diameter	5.											
Height	1.0.											
Altitude	500.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	4.34	6.96	6.46	5.24	1.99	5.89	6.36	6.10	6.29	2.31		
February	3.34	.16	4.40	2.2	6.87	2.47	5.03	1.63	4.84	1.00		
March	.81	3.31	3.17	3.12	1.04	2.18	2.30	2.12	3.21	4.81		
April	2.35	3.43	1.35	3.61	4.58	83	2.40	4.42	1.56	1.94		
May	2.72	2.63	3.37	3.57	.82	2.04	2.51	2.47	.54	1.40		
June	5.17	2.41	2.27	2.50	4.00	2.44	1.73	4.24	2.53	.79		
July	3.97	4.68	2.89	2.24	1.63	4.78	1.79	4.55	5.84	4.67		
August	3.44	1.09	1.79	3.91	1.74	1.64	2.22	2.77	2.78	1.49		
September	1.86	4.93	1.52	4.03	6.98	3.89	3.08	2.07	1.38	4.17		
October	2.59	6.61	3.72	6.60	7.54	4.40	3.47	10.23	3.48	5.26		
November	6.85	2.65	1.59	.72	4.64	5.04	1.36	7.10	6.05	4.69		
December	2.71	4.47	.46	7.33	2.91	6.56	2.61	4.80	2.03	3.41		
TOTALS	40.15	43.33	32.79	43.09	45.34	42.49	34.86	50.10	40.86	35.94		
	D	D	D	D	D	D	D	D	D	D		

1933. Herbaceous border 5' high N.
1940 Feb. part estd.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
			Penrith	5m	N.	Barton	3m N.

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

Station No. 3691

41

RAINFALL at Penrith (Barton House)

County of Westmorland

Observer Mrs Legh Tolson

River Basin Eden - 1

Type of Gauge

Annual Average 42.4 in. based on 5 years obs. unweighted. Period of average 1881-1915 Ref. S

File No. 846951/28

Diameter	5"			600	679						
Height	1'				1						
Altitude	500'		X		41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.01	3.03	7.10	3.95	3.54	4.11	5.58	8.92	1.85	2.67	
February	4.98	1.61	3.13	1.44	3.43	3.19	1.38	3.21	3.08	5.49	
March	2.70	3.32	.81	.71	2.24	1.77	7.13	3.56	1.14	3.11	
April	1.19	3.15	2.61	1.58	1.97	1.39	5.17	2.52	3.99	2.26	
May	2.57	3.91	3.92	1.90	4.55	1.30	3.07	1.86	2.82	1.87	
June	.35	.82	2.38	2.42	4.53	2.84	2.98	5.99	.51	1.82	
July	.73	4.90	3.27	3.51	3.60	4.56	2.78	1.41	2.88	4.24	
August	6.40	3.90	7.13	1.14	2.27	6.96	.14	4.04	2.25	6.17	
September	1.25	4.70	5.12	5.37	4.19	5.39	1.94	4.08	1.07	7.16	
October	5.03	4.23	6.27	5.28	5.55	1.02	.78	2.90	6.26	4.13	
November	3.02	1.03	2.94	8.74	.25	7.40	(4.98)	2.63	6.83	4.61	
December	2.06	4.78	2.79	4.78	2.67	3.51	2.28	5.82	7.11	1.88	
TOTALS	31.29	39.38	47.53	48.53	40.82	38.79	43.46	38.21	46.44	39.79	45.71

1942 Herbaceous Border 5' high - N.

00024

1947 Nov. part ext.

1943. Corrected for arithmetic, 17/9/57. 90%

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.
1942			Penrith	5 miles	N.	Barton	5 miles	N.

Station No. 3691

51

RAINFALL at Penrith (Barton House)

County of Westmorland

Observer Mrs. Legh Nelson

River Basin Eden - I

Type of Gauge.

Annual Average 42.5 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. S
 " " 39.53 " 33 " within 1924-57 " 1916-50 " File No. 846951/28

Diameter ...	5"			600	679						
Height ...	10"					1					
Altitude ...	500'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.91	4.13	94	3.29	2.73	3.07	5.36				
February	5.02	.82	1.12	3.44	1.65	.77	4.15				
March	4.05	1.71	.53	3.42	1.17	1.86	2.29				
April	2.40	2.62	3.15	.86	1.24	.91	.25				
May	1.33	2.46	2.56	4.30	3.67	1.36	2.26				
June	1.06	2.19	2.36	3.02	2.40	2.79	.94				
July	2.75	2.04	3.66	2.53	1.45	3.75	3.20				
August	3.73	5.29	4.83	4.50	2.46	1.32	4.82				
September	4.51	3.82	5.68	6.20	2.58	3.95	4.18				
October	.79	5.64	2.88	8.88	3.03	2.60	4.13				
November	10.87	1.98	4.32	10.49	2.77	1.64	1.32				
December	8.05	3.85	2.27	4.86	5.28	5.61	3.60				
TOTALS ...	48.87	36.65	34.30	55.79	30.43	35.53	36.50				
	D	D	D	D	D	d.	d.				

1951 Hebbaccaw Border 4' 6" N:

1955 Wall 5' Distance 21' SW. Tall trees - Distance 8' N.

1957 Terminated - papers returned - gone away.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 35-483252

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.
1951			Penrith	5 ml	N	Barton	1 ml N

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		C 1924 ✓ but d 24	V ✓	✓ ✓ but d 3, +7	