

## RAINFALL at

Bewcastle Rectory

County of Cumberland

Observer Res. M. H. Barnister

River Basin Eden &amp; Solway 1

Sunder Rain Gauge, by Howard Wilson

Diameter ...					5						
Height .....					10						
Altitude ...					500						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						3.30	5.94				
February ...						4.41	4.52				
March .....						2.84	imp X				
April .....						2.77					
May .....						1.48					
June .....					#	1.43					
July .....					2.55	5.10					
August .....					3.72	3.89					
September ..					1.73	1.80					
October ...					1.57	1.76					
November ..					6.58	1.79					
December...					5.65	5.42					
TOTALS ...						35.99					

1914 June 5 ft high 20 ft N  
 House 35 ft 44 ft N

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	55.3.	2.41	Brampton	10 m	S	Bewcastle	100 yds	N

3622/5 31

RAINFALL at Bewcastle (Ashcroft)County of Cumberland Observer Borden R.D.C.River Basin Eden & Solway - 1Type of Gauge SnowdonAnnual Average 1936 in. based on 1935 years obs. un-weighted. Period of average 1 Ref. f

Diameter						5					
Height						1' 6"				1' 9"	
Altitude						750'					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January						5.22	3.50	5.95	7.54	3.63	
February						2.79	5.36	2.23	6.72	1.66	
March						2.64	1.89	3.03	4.25	7.06	
April						1.14	2.82	1.89	1.95	2.87	
May						1.24	3.33	4.15	1.25	5.14	
June						3.38	2.72	6.46	4.39	1.57	
July						7.40	3.68	2.45	6.94	7.33	
August						3.10	2.58	3.56	3.58	3.61	
September						5.49	3.92	4.22	2.06	5.27	
October						5.24	2.19	9.06	4.31	3.56	
November						3.52	1.27	9.16	7.47	4.51	
December						5.64	2.75	3.60	1.49	3.96	
TOTALS						46.83	36.01	60.76	51.95	50.16	

C 1936

+ 2.29 on 26th.

+ 2.03 on 16th.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1936			Penrith	9 m	W.	Bewcastle	1 1/2 m	S.

Station No. 3422/5RAINFALL at Bewcastle (Johnny's) (Stockhead)

41

County of Cumberland Observer Borden R.D.C.River Basin Eden & S. Sluagh - 1Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref.  
47.5 computed by Mr. Cornish (1943) + 4200.48740File No. 5694/43

Diameter	5"		613	886							
Height	1' 6"			1							
Altitude	750'		41	725'	<del>750'</del>				750'		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.42	4.58	5.80	5.84	4.74	4.12	3.12	4.16	4.91	2.66	
February	5.03	1.78	3.85	2.30	4.62	2.20	1.31	3.08	3.33	3.79	
March	3.81	(3.06)	1.19	.53	2.99	3.76	(4.64)	2.65	1.32	2.68	
April	1.40	2.14	3.40	2.45	2.66	1.63	5.68	3.07	4.05	3.63	
May	1.88	(2.91)	4.36	2.43	(5.75)	1.84	3.33	2.28	1.93	1.98	
June	.98	1.08	4.10	6.00	(3.00)	4.05	3.79	3.33	.93	4.79	
July	1.79	3.52	3.76	4.25	3.60	6.15	5.66	2.52	2.86	5.21	
August	6.11	5.94	6.26	4.31	2.00	7.70	.14	6.93	3.13	8.35	
September	1.57	(6.40)	4.58	6.11	6.25	5.41	3.24	4.80	2.36	7.20	
October	6.12	5.94	5.83	3.80	5.25	.97	1.02	4.65	5.71	5.65	
November	3.08	1.02	2.74	8.08	.48	5.92	5.05	4.51	4.48	4.27	
December	2.28	4.25	2.21	3.47	2.44	3.43	3.14	3.80	4.40	2.62	
TOTALS	37.47	(42.62)	48.08	49.57	(43.78)	47.18	40.12	51.18	42.11	52.83	10

1942. n.p. doubtful. March, May & September cond. for omissions & errors.  
 1945 Part May & June cold. Gauge moved 800' <sup>West</sup> 11/7/45 to Stockhead.  
 1947. March part est. for snow.

12164

25004

10004

Have 85.  
no changePosition 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.
1941			Penton	10 miles	W.	Bewcastle	1 mile	S.
1945			Penton	9 m	W	Bewcastle	1 1/2 m.	S.

BRITISH RAINFALL ORGANIZATION



Station No. 3622/5RAINFALL at Bewcastle (Stockhead) Bridge <sup>(1954)</sup>

51

County of Cumberland Observer Border R.D.C.River Basin Eden & Solway - 1Type of Gauge Snowdon (N.2)Annual Average 44.1 in. based on 7 years obs. un-weighted. Period of average 1881 - 1915 Ref. PBS93" " 45.61 " " 20 " " with 1936-57 " " 1916-50 File No. E 694/43

Diameter ...	5"				613	886				5"	
Height ...	1' 0"					1				410"	
Altitude ...	750'			750'		51				740'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.68	3.28	2.76	3.75	3.29	2.42	5.68	3.65	(2.50)	3.83	
February ...	2.53	1.25	2.16	1.53	1.26	1.85	3.45	4.01	2.24	3.37	
March ...	4.06	4.33	1.05	2.81	1.81	1.40	3.10	.69	1.29	0.92	
April ...	3.15	2.95	4.98	1.16	2.04	1.29	1.33	1.52	4.85	3.05	
May ...	2.35	1.63	2.24	3.37	2.74	3.29	1.85	4.53	.50	2.26	
June ...	1.36	4.56	2.56	5.30	3.67	2.98	2.77	2.59	4.37	3.12	
July ...	4.32	2.78	7.31	5.43	1.87	4.12	5.60	4.33	3.65	6.30	
August ...	3.80	6.46	4.47	5.75	2.09	8.05	3.66	5.37	.41	4.00	
September ...	4.40	3.90	4.24	6.91	3.43	3.07	3.80	4.48	2.10	3.15	
October ...	.94	3.54	2.30	8.50	2.16	2.46	6.10	4.07	4.95	3.23	
November ...	6.88	4.65	6.56	5.39	1.86	2.97	1.76	1.56	5.25	5.25	
December ...	6.77	3.45	2.91	6.37	5.70	4.36	3.29	3.34	5.48	5.66	
TOTALS ...	44.24	42.83	43.54	56.27	31.92	38.76	42.39	40.08	37.59	44.14	

10.5.54 Gauge moved 800' N.E. No change in alt.

40004

Inspected 12.9.60 by observation of E to SE and SW to W. Better site Gyndal N. 8 hrs 35'-35'E → 10'-15'SE  
and 30'-50'SE true 25'-20'SW → 25'-25'W all young trees.

No change

M. G. St

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 35 56769

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Penton	9	W	Bewcastle	1 1/2	W
1954			"	"	"	"	"	"

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			1936	1942	1954
			✓	✓	✓