

RAINFALL at

Bewcastle Rectory

County of CumberlandObserver Red M. H. BanisterRiver Basin Eden & SolwaySnowdon 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. \times			
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 Durac 5 ft high 20 ft N
House 35 ft. 44 ft. N

Date.	Lat. N.	Long. W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	56.3.	2.41	Brampton	10 m	S	Bewcastle	100 yds	N

3622/5 31

RAINFALL at Newcastle (Ashcroft)County of CumberlandObserver Borden R.D.C.River Basin Eden & Solway = 1Type of Gauge SnowdonAnnual Average 10.5 in. based on years obs. un-weighted. Period of average..... Ref.....

Diameter	5	1' 0"	750'	1.9							
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	.89	1.95	2.84		
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	8.45	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	3.55		
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	50.86		

C 1936

J.D. + 2.29 on 26/2.
+ 2.03 on 16/2.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
1936			Penrith	9 m	W.	Newcastle	12 m	S.

Station No. 3122/5

RAINFALL at Bewcastle (Abby Lea) Stockcastead)

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County of Cumberland Observer Borden R.D.C.

River Basin Eden & S. Derwent - 1.

Type of Gauge Standard.

Annual Average in. based on years obs. un-weighted. Period of average Ref.
+75 computed by Mr. Cawthron (1943) + 1200487/40

File No. E694/43

Diameter	5"	613	886								
Height	1' 0"			1							
Altitude	750'			41	725'	750'					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	4.41	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	(4.66)	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	2.62	2.86	5.21	
August	6.11	5.94	6.26	4.31	2.00	7.70	14	6.33	3.13	8.35	
September	1.57	(6.40)	4.58	6.11	6.25	5.41	3.24	2.80	2.36	7.20	
October	6.12	5.94	5.83	3.80	5.25	.97	1.02	2.65	5.71	5.68	
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	51.48	42.11	52.83	

1942 n.p. doubtful. March, May & September con'd. for omissions & errors.

1945 Part May & June cold. Gauge moved 800' ^{near} 1/7/45 to Stockcastead.

1947. New part fit from now.

12104

0304

1004

N.W. ^{as}
n. ^{as}

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.
1941			Penton	10 miles	N.	Bewcastle	1 mile	S.
1945			Penton	9 m	W	Bewcastle	1½ m	S.

Station No. 3622/5

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RAINFALL at Bewcastle (Stockastead) Ref. 1954
 County of Cumberland Observer Border R.D.C.
 River Basin Eden & Solway - 1
 Type of Gauge Snowdon (N.2)

Annual Average 44.1 in. based on 7 years obs. self-weighted. Period of average 1881 - 1915 Ref. PB593
 " 45.61 " " 20 " with 1936-57 " 1916-50 File No. E 694/43

Diameter ...	5"				613	886				5"	
Height ...	1' 0"						1			110"	
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	1.69	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	5.31	.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	2.96	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 100' N.E. No change in alt.

40004

Surveyed 12.9.60 by H.H. Clark. of S E → S E and SW → W. Bellastile Gyndle N. Junc 35°-35°E → 10°-15°SE and 30°-50°SE true 25°-20°SW → 25°-25°W all young trees.

M.s change

Mean S

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference .. 35 / 587769

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
			≤ 1936 ✓	NP 12 ✓ but + 15, + 7	