

RAINFALL at Pennith Beacon House Laurel BankCounty of CumberlandObserver A. B. Sinclair Esq.River Basin Eden-SolwayCape Snowden
120 ft. Rain Gauge, by
(126)

Diameter ...	5"											
Height	2.4	1.0	1.0	1.0	2.4	1.0	2.4					
Altitude ...	480							500				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	4.45	5.95	3.06	2.45	3.26	5.25	4.71	4.38	6.31	1.05	5.67	
February ...	3.33	.09	3.54	5.95	.67	6.19	3.15	1.44	3.72	.55	.30	
March	5.37	4.64	2.30	1.60	.82	1.44	1.98	3.49	3.67	.15	2.99	
April	3.00	.81	2.93	3.08	1.72	4.29	1.93	2.15	.80	1.09	1.60	
May	4.27	1.64	1.36	3.07	4.00	4.28	1.74	2.09	1.41	1.52	1.51	
June	1.23	.30	2.24	.77	1.47	.15	3.10	2.80	4.71	1.48	1.48	
July	3.97	2.30	4.26	2.64	3.99	1.56	3.06	4.74	3.44	3.92	3.85	
August	2.84	4.94	2.16	8.10	1.99	3.33	3.99	7.34	6.99	4.00	7.71	
September...	2.37	1.43	4.67	4.25	4.90	3.80	4.31	7.07	1.72	1.76	2.84	
October	2.02	2.62	.97	6.91	2.98	4.93	3.26	3.93	6.30	4.65	5.14	
November...	2.78	1.99	1.43	5.20	2.93	1.31	5.71	2.89	5.66	5.62	4.88	
December...	2.69	5.77	7.20	4.74	7.42	4.80	.95	1.00	2.59	7.92	3.82	
TOTALS...	38.32	32.48	36.12	48.76	36.21	41.33	37.89	43.32	47.32	33.71	41.29	
	D	D	D	D	D	D	D	D	D	D	D	

1920 House 8 yds high 5 yds N

1927 House 30' high 20 yds N. Fence 3' high 5 yds E.

1930 Inspected June. Rather over-sheltered away G. plants
and trees. New site selected some
6 yds up garden.

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	54° 40'	2° 45'	Pennith	1/3 mi	W	St Andrews	300 yds	W

RAINFALL at Pennith (Laurel Bank)
Archery Stn (1929)

County of Cumberland Observer A.B. Sinclair, Esq.
River Basin Eden & Solway - 1.
Type of Gauge M.O.

Annual Average 36.4 in. based on 17 years obs. un-weighted. Period of average 1881-1913 Ref. 3
816451/28.

Diameter	5.								5		
Height	1.0.								1 0		
Altitude	480.								500		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.45	6.01	4.03	4.46	2.18	3.42	4.12	4.51	5.06	1.69	3943
February	2.74	1.15	3.65	2.22	4.85	2.32	4.94	1.19	2.81	.76	2366
March	1.03	3.07	2.37	2.18	1.10	1.44	1.46	1.43	2.81	3.83	2075
April	2.22	3.05	1.05	3.47	3.26	.41	2.12	.35	1.20	1.18	1961
May	2.18	2.62	2.59	2.86	.82	1.12	1.92	2.18	0.56	1.61	1846
June	4.36	1.69	1.75	2.14	2.38	2.40	1.32	3.69	2.39	.71	2413
July	4.01	5.25	2.70	1.75	1.16	4.25	1.63	2.55	4.03	5.00	3233
August	3.09	1.10	1.80	2.46	1.63	1.35	2.39	2.21	1.98	1.54	1958
September	1.62	4.07	1.46	3.67	5.71	3.90	2.61	1.76	1.47	3.53	2980
October	2.07	^{5.70} 2.79	5.33	5.30	6.76	3.94	2.47	8.56	2.56	4.06	4478
November	5.40	2.17	1.67	.45	3.56	3.44	.43	6.08	5.16	3.26	3192
December	2.38	3.41	0.53	5.82	2.11	5.32	3.09	4.05	1.26	2.70	3067
TOTALS	34.55	38.29	26.93	34.78	36.52	34.44	28.53	39.56	31.29	29.90	33512
	D.	D	D	D.	D.	D	D	D	D	D	

1931. Pinet hedge 5' high 10' E. Fruit tree 6' high 15' N.
1938 Gauge moved 120 yds E 1/10/38
Pinet hedge 5' high 10 yds W: Pinet hedge 4' high 10 yds E.

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
1931.			Pennith	1/2 m	W.	Pennith	1/2 m W.
1939			'	1/2 mi	W	'	1/2 m W

Station No. 3606

RAINFALL at Penrith (Cathcart Street)

41

County of Cumberland

Observer

A B Sinclair Esq. ^{died 11.29}River Basin Eden & Solway 1Mrs (E) SinclairType of Gauge M.O.Annual Average 36.4 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. SFile No. 8.16.451/28

Diameter	5"				600	919					
Height	1' 0"					1					
Altitude	500'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	60	470	548	294	323	314	451	660	183	251	
February	485	193	284	142	338	262	142	282	286	427	
March	215	208	96	46	143	121	501	266	161	195	
April	67	216	202	126	162	94	514	247	313	284	
May	263	271	363	146	412	120	279	138	222	187	
June	27	67	274	230	331	206	261	497	45	211	
July	110	226	267	262	205	335	344	99	235	362	
August	480	299	505	178	187	600	05	360	171	601	
September	111	323	434	432	317	472	213	332	88	664	
October	473	335	510	374	550	76	41	230	511	333	
November	251	79	207	626	21	544	418	207	551	418	
December	166	455	221	386	202	339	163	399	631	196	
TOTALS	2708	3142	3911	3242	3191	3483	3332	3717	3347	4079	

1941: - Penrith Hedge 5' high 16' N. Penrith Hedge 4' high 16' E.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map

Reference No. 35 515 209

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Penrith	1/2 mile	W	Penrith	1/2 mile	W.

BRITISH RAINFALL ORGANIZATION

Station No. 3906

RAINFALL at Penrith (Arthur Street)

51

County of Cumberland

Observer Miss Eleanor Lindley

River Basin Eden & Solway - 1

"late Mrs Swindan" for BR 1958

Type of Gauge T.D.

Annual Average 36.4 in. based on 17 years obs. un-weighted. Period of average 1881-1915 Ref. S
34.69 - 41 - within 1916-57 1916-50
File No. 816451/28

Diameter ...	5"				600	919					
Height ...	1' 0"					1					
Altitude ...	500'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.83	3.29	.97	2.56	2.04	1.97	1.00	2.42			
February ...	4.45	.59	1.14	2.31	1.10	.75	1.00	4.32			
March ...	3.23	1.14	.32	1.90	.70	1.08	1.00	.88			
April ...	1.93	1.95	2.28	.59	.50	.60	.39	.73			
May ...	1.61	1.86	1.69	2.26	2.44	1.16	1.00	3.34			
June96	1.74	1.90	2.27	1.40	2.00	.90	3.84			
July ...	2.45	1.78	2.84	2.66	1.17	2.38	1.00	2.90			
August ...	3.51	3.89	3.28	4.12	2.34	6.48		3.67			
September ...	3.08	2.37	3.95	4.95	2.14	3.02		4.20			
October74	3.30	1.90	7.65	2.25	1.99		3.28			
November ...	8.53	1.85	3.46	6.06	1.94	1.30	1.00	.80			
December ...	5.05	3.48	1.46	3.25	3.50	3.75	3.90	3.01			
TOTALS ...	38.37	27.74	25.19	40.58	21.52	26.48	1.00	33.49			
	D	D	D	D	D	NR	7/2	W			

1951: Primer ledge 5' 4", 16' W + E resp.
Inspected in. Desks 28.7.56. Gauge sand in bottle. Means of lat bott. etc. reasonable.
Recomm. bottle.
1956: - NR low.
1957: n/p low
1958: Examined, unable to report clearly.

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference 35/515309

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Penrith	1/2	W	Penrith	1/4	W.

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	Cump 1912	✓	✓	✓	
	✓	✓	✓	✓	