

RAINFALL at Penrith Royal Hotel Lanthorn Bank

County of Cumberland

Observer A. B. Sinclair Esq.

River Basin Eden-Solway

Coffin Rowdon

~~100 ft. above~~ Rain Gauge, by (126)

Diameter ...	5"										
Height	2.4	1.0	10	1.0	2.4	1.0	2.4				
Altitude ...	480							500			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.45	5.95	3.06	2.45	3.26	5.26	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	.88	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	1.61	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	3.94	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	32.46	36.12	48.76	36.21	41.33	37.89	43.32	47.32	33.71	41.29

1920 House 8' high 5' 7" N

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

1930 Prospected June. Rather oversheltered among trees and fence. New site selected some 6yds up garden.

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

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

RAINFALL at Penrith (Laurel Bank)

County of Cumberland Observer A.B. Sinclair, Esq.,

River Basin Eden & Solway I.

Type of Gauge M.O.

Annual Average 36.4 in. based on 17 years obs. un-weighted. Period of average 1881-1915 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	39.43
February	2.74	.15	3.65	2.22	4.85	2.32	4.94	1.19	2.81	.76	23.66
March	1.03	3.07	2.37	2.18	1.10	1.44	1.46	1.43	2.61	3.83	20.75
April	2.22	3.05	1.05	3.47	3.26	.41	2.12	.35	1.20	1.18	18.61
May	2.18	2.62	2.59	2.86	.82	1.12	1.92	2.18	0.56	1.61	18.46
June	4.36	1.69	1.75	2.14	3.38	2.70	1.32	3.69	2.39	.71	24.13
July	4.01	5.25	2.70	1.75	1.16	4.25	1.63	3.55	4.03	5.00	33.23
August	3.09	1.10	1.80	2.46	1.63	1.35	2.39	2.21	1.98	1.54	19.58
September	1.62	4.07	1.46	3.67	5.71	3.90	2.61	1.76	1.47	3.53	29.80
October	2.07	5.70	2.17	3.33	5.30	6.76	3.97	2.47	8.56	2.56	4.06
November	5.40	2.17	1.67	.45	3.56	3.44	.43	6.08	5.16	3.26	31.92
December	2.38	3.41	0.53	5.82	2.11	5.32	3.09	4.05	1.26	2.70	30.67
TOTALS	34.55	38.29	26.93	34.78	36.82	34.44	28.53	39.56	31.29	28.90	33.512

1931. Privet hedge 5' high 10' S.E. fruit tree 6' high 15' N.

1935 Gauge moved 120yds E 1/10/35

Privet hedge 5' high 10yds W. Privet hedge 6' high 10yds E.

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
1931.			Penrith	½ mi	W.	Penrith	1 mi	W.
1939				5 mi	W.		6 mi	W.

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

Station No. 3606

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RAINFALL at Penrith (at the 8 street) ^{dated 7/11/49}
 County of Cumberland
 River Basin Eden & Solway I
 Type of Gauge M. O.

Annual Average 36.4 in. based on 17 years obs. un-weighted. Period of average 1881-1945 Ref. S

File No. 816451/78

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	5.48	2.94	3.23	3.14	4.51	6.60	1.93	2.51	
February	4.85	1.93	2.84	1.42	3.38	2.62	1.42	2.82	2.36	4.27	
March	2.15	2.08	.96	.46	1.43	1.21	5.01	2.66	1.61	1.95	
April	67	2.16	2.02	1.26	1.62	9.4	5.14	2.47	3.13	2.84	
May	2.63	2.71	3.63	1.46	4.12	1.20	2.79	1.38	2.22	1.87	
June	27	.67	2.74	2.30	3.31	2.06	2.61	4.97	.45	2.11	
July	1.10	2.26	2.67	2.62	2.05	3.35	3.44	.99	2.35	3.62	
August	4.80	2.99	5.05	1.78	1.87	6.00	.05	3.60	1.71	6.01	
September	1.11	3.23	4.34	4.32	3.17	4.72	2.13	3.32	.88	6.64	
October	4.73	3.35	5.10	3.74	5.50	.76	.41	2.30	5.11	3.23	
November	2.51	.79	2.07	6.26	.21	5.44	4.18	2.07	5.51	4.18	
December	1.66	4.55	2.21	3.86	2.02	3.39	1.63	3.99	6.31	1.96	
TOTALS	27.08	31.42	39.11	32.42	31.91	34.83	33.32	37.17	33.47	40.79	

1941:- Powet Hedge 5' high 16° W. Pr. Hedge 4' high 16° E.

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Position of Station on reduced Ordnance Survey Map, No. of Map Reference No. 35-515309.
 1 mile to 1 inch Series

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

BRITISH RAINFALL ORGANIZATION

Station No. 3606

RAINFALL at Penrith (Arthur Street)
 County of Cumbria
 River Basin Eden + Solway - 1
 Type of Gauge M.B.

Annual Average 36.4 in. based on 17 years obs. un-weighted. Period of average 1881-1915
 " 34.69 " 41 " within 1916-57 " " Ref. 5
 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	100	2.42			
February	4.45	.59	1.14	2.31	1.10	.75	100	4.32			
March	3.23	1.14	.32	1.90	.70	1.08	100	.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	100	3.34			
June	.96	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	100	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			
October	.74	3.80	1.90	7.65	2.25	1.99		3.38			
November	8.53	1.85	3.46	6.06	1.94	1.30	100	.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	100	33.49			
	D	D	D	D	D	NP.	90	w			

1951 Pinetree Hedge 5' 4", 16' W + E map:
 Inspected in Deeds 28.7.56. Gauge sand not better. Measured at bott. Site reasonable.
 Rain gauge bottle.

1956 - NP. low.

1957 n/a low

1958, Iannulated, unable to report clearly.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 3551515309

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19/28	1920-30/28	1931-40/28	1941-50/28	1951-60
	Camp 1912 ✓	✓	✓	✓	