

RAINFALL at Pentith, Hutton John.County of Cumberland Observer F. Audleston, Esq. C.E.River Basin Eden + Schuney - 1.B.R. 200 Rain Gauge, by ?*(It is a 60mm one
a millimetre)*

Diameter ...							5"	5"	5"	5"	
Height							12"	12"	12"	12"	
Altitude ...	<u>above Sea level, i.e. O.D.</u>						<u>689</u>	<u>689</u>	<u>689</u>	<u>689</u>	
Year	<u>1910</u>	<u>1911</u>	<u>1912</u>	<u>1913</u>	<u>1914</u>	<u>1915</u>	<u>1916</u>	<u>1917</u>	<u>1918</u>	<u>1919</u>	<u>1916-19</u> <u>MEANS</u> <u>1916-19</u>
January ...							7.42	5.50	5.09	4.36	22.37
February ...							6.89	0.44	5.88	0.67	13.88
March							1.51	2.19	1.55	3.95	9.20
April							4.07	2.81	1.11	2.38	10.37
May							3.01	1.90	2.10	1.19	8.20
June							3.12	2.86	1.43	1.84	9.25
July							3.56	0.88	3.74	0.57	8.75
August							2.01	7.03	4.27	3.83	17.14
September...							2.52	3.49	10.04	2.67	18.72
October							9.89	7.69	5.61	2.02	25.21
November...							7.61	5.43	4.28	3.82	21.14
December...							2.52	2.91	5.62	8.66	19.71
TOTALS...							54.13	43.13	50.72	35.96	183.94

Back years. 1916-23 until 1925.

In all the above figures the morning's maximum is entered as that day + not to the previous one

Z. H.

30. March 1925

Position of Station on reduced Ordnance Survey Map, 2 miles 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
30. March 1925.	54.38	2.52 W	Pennine Dock	1.1	NW 1/4	Graythwaite Church	2.4	North

RAINFALL at Pearish, Hutton John.County of CumberlandObserver F. Huxleston, Esq. C.E.River Basin Leam & Solway - 1

Inst. Gage Rain Gauge, by (?)
 SNOWDON (near B.M. 1925) Postcode: KA1 1
(10 m + 10 m made after one 2.72)

Diameter ...	5"	5"	5"	5"								
Height	12"	12"	12"	12"								
Altitude ...	689	689	689	689								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. M.M.A.S.	1920-30 Totals
January ...	6.40	9.35	4.31	3.83	4.50	6.65	7.09	6.75	11.24	.94	8.96	70.23
February ...	5.91	0.25	4.92	6.33	3.1	7.28	4.68	1.61	5.66	.51	.75	38.71
March	8.21	8.16	3.47	2.04	.96	1.63	3.20	3.80	4.62	.44	3.16	39.69
April	3.87	1.17	2.76	3.22	1.86	4.94	2.70	3.58	1.17	1.40	1.46	28.13
May	5.05	1.72	1.48	3.68	4.02	4.71	2.48	2.39	1.60	2.91	2.21	32.25
June	1.23	0.25	2.05	0.78	1.63	.12	3.16	3.34	5.26	1.67	2.37	22.56
July	4.42	2.04	5.11	3.51	4.30	1.63	2.50	4.90	4.01	4.17	4.73	42.32
August	1.87	5.59	3.31	10.21	2.58	3.12	5.40	8.11	7.24	4.29	7.98	59.70
September...	2.48	1.53	4.02	5.45	5.60	3.96	5.45	7.23	2.28	1.96	3.18	43.18
October	2.46	2.44	0.91	9.20	3.83	6.91	4.31	5.79	9.87	5.75	7.84	58.51
November...	3.53	3.05	2.44	6.41	3.86	1.63	8.28	4.42	8.19	8.93	5.85	56.59
December...	4.42	6.87	8.78	3.63	9.84	6.15	1.39	1.50	3.58	11.89	5.02	63.07
TOTALS...	49.85	42.41	43.07	58.26	43.79	48.93	52.14	53.47	64.12	44.85	53.51	554.94

outlet at 2.5. Bank gage. 1916-23

In all the above figures the morning's measurement is united to the day + night to the previous one

1925 TREES 50' High 160' N
 39' " 120' S
 WALL 12' " 12' E
 HOUSE 62' " 165' W

2.72

30 March 1925

Position of Station on reduced Ordnance Survey
 Map, 2 miles 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
30 March 1925	54-38	2-52	Pennine	1.1	N.E. by N.	Gugby St. Church	2.4	N.W.
		N.W.				Diacre (126)	1.1	E. by S.

RAINFALL at Penish (Hutton John)County of CumberlandObserver F. Huxley PeggRiver Basin Eden & Solway - 1Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref.

766197/27.

Diameter				5							
Height				1' 0"							
Altitude				688'							
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January				6.75							
February				4.1							
March				3.07							
April				3.57							
May				3.93							
June				2.58							
July				2.80							
August				4.04							
September				4.69							
October				8.44							
November				1.21							
December				8.19							
TOTALS				49.68 2.46	NR	NR	NR				

1920. Trees 50' high 160' N
 Trees 69' " 120' S
 Snowdon 15' 83' E
 House 52' " 145' W.

N.B. "This Snowdon gate has been set up 21' W of the place where a rain gauge has functioned for 50 years." (For BR purposes it is to be regarded as a chief gauge & not pointed but the values are to be retained on this sheet).

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

RAINFALL at Penrith (Hutton John)County of CumberlandObserver F. Huddleston, Esq., C.E.River Basin Eden & Solway - I.Type of Gauge SnowdonAnnual Average 45.1 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. S

766197/27

Diameter	5.			62"								
Height	1. 0.			5'								
Altitude	688.			698'								
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means 1931-40	Total
January	6.23	11.34	7.15	7.26	7.09	6.24	7.44	7.77	7.12	1.56	6.55	0
February	4.89	.06	5.99	.44	8.72	3.19	5.52	1.97	5.58	1.06	3.77	2
March	.92	3.89	3.39	3.20	1.14	2.36	2.34	2.74	4.26	4.45	2.86	9
April	2.99	4.68	1.86	3.66	4.66	1.01	2.27	.78	2.21	2.25	2.63	7
May	2.98	2.74	2.80	4.04	.82	1.38	2.29	2.67	0.79	1.52	2.20	3
June	5.28	2.09	2.12	2.64	4.55	2.66	2.09	6.50	2.96	1.12	3.20	1
July	4.18	5.59	2.83	2.88	2.24	5.75	1.94	4.71	5.90	5.49	4.15	1
August	3.21	1.89	2.43	4.14	1.94	1.40	2.51	3.28	2.68	1.96	2.54	4
September	1.75	5.57	1.44	4.82	7.79	4.84	3.39	2.08	1.76	4.32	3.77	9
October	2.44	7.08	4.33	8.85	9.53	5.35	3.74	12.50	3.01	5.61	6.24	4
November	8.79	3.39	1.88	1.25	4.88	5.08	1.34	9.99	7.87	5.30	4.97	7
December	3.99	5.91	.49	8.57	3.08	8.01	2.96	4.17	2.31	4.89	4.44	1
TOTALS	47.65	54.26	36.71	51.75	52.44	47.30	38.43	59.16	46.45	39.53	47.26	✓
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1931. Trees 50' high 160' N. Trees 59' high 120' S. Dwarf wall 1½' high 12' E. Stone 62' high 165' W.

1914 Jan 1. Snowdon gauge replaced by "British Anemometer" in order to test the "independence" at this spot. See sheet No 3604/1

1934. Dwarf wall 1½' high 33' E.

1940. Jan. 9 Feb. apportioned.

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
1931.			Penrith.	1½ m	W.N.W.	Dacre	1 m	E of S.

Station No. 3604

RAINFALL at Penarth (Hutton John)

41

County of Glamorgan

Observer F. Hutton Esq. CE.

River Basin Eider & Salween

N. H. LESTON Esq.

Type of Gauge Snowdon

Annual Average 25.1 in. based on 13 years obs. — weighted. Period of average 1881–1915. Ref. S.

File No. 766197/27

Diameter	5"				600	791						
Height	1' 0"					1						
Altitude	688'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means Totals	
January	3.08	7.92	3.74	7.37	6.23	5.06	5.34	6.38	8.18	2.93	3.08	49.23
February	5.73	10	2.28	4.07	2.28	6.06	4.43	(1.50)	4.78	4.06	5.73	41.29
March	3.29	73	3.26	1.52	.58	2.89	1.98	5.60	4.26	8.36	3.29	27.47
April	3.62	12	3.34	3.09	1.95	2.23	1.56	8.55	2.80	5.94	3.62	34.20
May	2.19	9	3.62	4.45	2.49	4.24	1.33	3.68	1.05	2.71	2.19	28.45
June	2.16	5	.98	3.66	2.75	3.83	2.84	2.22	5.45	.61	2.16	25.15
July	3.37		3.49	2.98	2.89	2.79	3.82	2.58	1.67	2.22	3.37	26.73
August	5.86		4.36	7.95	2.22	2.45	6.90	.11	4.78	2.28	5.86	43.23
September	9.90		5.16	5.19	6.49	4.74	6.27	3.42	4.85	1.34	9.90	48.83
October	4.34		5.48	6.98	4.79	6.29	.81	.68	3.96	7.29	4.34	46.04
November	5.16		.89	3.91	8.71	43	8.60	6.68	3.32	8.08	5.16	49.38
December	3.24		.59	2.65	5.44	3.25	5.42	2.80	6.84	10.43	3.24	50.02
TOTALS	35	51.16	19	53.82	46.82	44.26	49.30	44.20	51.94	49.25	51.16	470.02

1941: - Tree 50' high 160' N. Tree 59' high 120' S. Dwarf wall 12' high 12' E. House 62' high 165' W.
1947: Tel. ext. for signal.

Miss
X

20004

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			Penarth Dock	1 mile	W.N.W.	Dacre	1.1	E of S.

BRITISH RAINFALL ORGANIZATION

Station No. 3604RAINFALL at Pennith (Hutton John)

51

County of CumberlandObserver M. Hudleston Esq.River Basin Edin & Solway - 1Type of Gauge SnowdonAnnual Average 45.1 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. S48-07 " " 35 " " 1916-1950File No. 266197/27

Diameter ...	5"				600	791						
Height ...	1' 0"					1						
Altitude ...	622'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	Total
January ...	4.64	3.86	1.79	3.96	5.48	3.10	6.46	4.39	3.42	5.90	41.00	
February ...	5.37	1.20	1.84	3.95	1.89	2.80	4.10	6.05	.90	5.21	33.31	
March ...	5.04	1.96	.63	1.84	1.11	1.65	3.00	.94	2.84	1.39	20.40	
April ...	2.44	(2.61)	3.60	1.16	1.06	1.41	.30	1.47	3.86	3.81	21.72	
May ...	2.29	2.69	2.59	4.01	3.88	1.90	2.16	4.31	1.25	1.89	26.97	
June80	2.63	2.81	4.16	2.65	2.86	1.38	4.15	4.72	1.60	27.76	
July ...	2.98	2.61	4.33	3.52	2.31	4.76	4.00	2.18	2.97	4.28	34.94	
August ...	4.42	6.98	5.23	5.39	3.01	7.65	6.05	3.44	.76	3.19	46.12	
September ...	5.29	4.31	6.82	7.51	2.60	4.27	4.22	5.84	.96	2.74	45.06	
October96	6.62	2.74	10.72	3.35	3.09	5.47	4.69	5.28	4.73	47.65	
November ...	12.81	(2.50)	6.45	11.64	2.16	2.55	1.47	.78	6.31	9.77	56.44	
December ...	10.55	(4.18)	2.86	6.61	7.68	7.39	6.58	4.13	7.45	6.22	63.65	
TOTALS ...	57.59	(42.65)	41.69	64.47	35.18	43.43	45.19	43.37	40.72	50.73	465.02	10
	d	a p	d	d	d	d	d	d	d	d		

1951. Trees 50', 160' N; Trees 59', 120' S; Dwarf wall 1 1/2', 12' E; House 62', 165' W:
 1952. n.p. too much ice.

Inspected 2.5.56 Mr. Stalks. Gauge sound & new & correct. Site has been shown
 experimentally to be satisfactory

04034

Position of Station on Ordnance One-Inch map :

No. of Map 8.3National Grid Reference 35/438270

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Pennudock	1 1/2	NW	Dacre	1 1/2	E by S.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C1916	✓	✓	✓	
	-	but - 20-23	✓	✓	