

RAINFALL at Elvanfoot, Gedens Reservoir

County of Lanark Observer Lewis Costley Esq. G.E.
River Basin Glyde - left bank trib. 5 Box Surveyor Mathewell
Howard Rain Gauge, by _____

Diameter ...								11			
Height								1.0			
Altitude ...								1030			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
										MEANS.	
January ...								9.40	15.40	1.30	12.15
February ...								3.15	7.25	2.35	.20
March								5.50	8.50	.45	2.35
April								5.20	2.35	1.45	2.20
May								3.40	1.35	6.60	3.40
June								6.10	6.15	3.50	4.15
July								5.31	4.30	4.40	4.30
August								7.20	8.50	7.15	10.20
September...								10.00	5.20	2.00	4.45
October....								9.45	11.10	8.45	11.25
November...								9.13	9.50	11.10	8.00
December...								2.15	5.40	16.15	6.20
TOTALS...								75.99	85.00	64.80	68.85

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	Parish Church.	Distance from gauge	Direction
1927			Ewanfoot-	5 mi	N	Ewanfoot-	5 mi	N.

-650265

5187

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RAINFALL at Elvanfoot (Redes Reservoir)

County of Denbigh Observer J. Cadley, C.E.

River Basin 5 - Clydach Left Bank

Type of Gauge Hounslow

Annual Average 62.1 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref S
Computed X/37

Diameter	11"											
Height	11 0"											
Altitude	1030'											964
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	6.20	14.35	8.25	11.15	3.00	8.55	8.15	11.28				
February	5.15	10	6.20	0.00	8.00	8.40	5.25	4.90				
March	(2.85)	4.20	4.00	4.50	3.25	4.10	1.20	6.80				
April	(3.65)	5.15	3.10	5.00	5.00	2.10	3.25	.08				
May	3.25	3.15	3.20	5.80	1.00	1.00	3.15	6.00				
June	(6.85)	1.00	2.25	2.45	6.25	2.50	5.50	8.07				
July	(7.20)	7.15	6.00	3.50	4.00	4.25	6.25	7.00				
August	5.10	2.10	2.40	6.00	1.45	3.20	3.55	4.05				
September	2.50	7.05	2.40	5.00	5.30	4.35	6.50	4.05				
October	(3.10)	10.10	4.25	12.00	9.75	9.00	4.90	12.75				
November	(0.85)	5.35	2.30	2.00	8.50	6.45	1.01	14.44				
December	(6.40)	15.20	1.20	14.35	5.00	11.25	3.03	6.10	#			
TOTALS	(62.10)	74.90	45.55	71.75	59.50	60.15	51.74	85.52				

1931, March, April, June, July, Nov., Dec. corrected for date of entry. Oct. past estimated

Inspected 8/11/37. slate rule chipped and cracked causing imperfect readings.

Record discontinued 12/38

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
1932			Elvanfoot	5 m.	N.	Elvanfoot	5 m.	N.

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

RAINFALL at ELVANFOOT (PEDEN RESERVOIR) Daily Gauge

County of LANARK

Observer L. Costley Esq., C.E.

River Basin 5 - Clyde - Left Bank

Type of Gauge NO.

Annual Average in. based on years obs. un-weighted. Period of average

Ref.

Diameter										5"	
Height										1'	
Altitude										964'	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January										12.34	7.24 (2.00)
February										5.05	10.64 2.45
March										7.02	7.09 6.84
April										1.03	4.57 3.55
May										6.24	.76 2.05
June										9.12	4.11 1.69
July										7.70	8.29 6.85
August										4.33	1.72 3.52
September										5.89	3.38 7.18
October										12.91	4.67 6.66
November										14.44	13.86 8.84
December										6.62	3.32 9.64
TOTALS										92.69	69.65 61.27
										D	d d

1940 Jan + Feb. corrected for snow.

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.
1938.			Elvanfoot	5m	N.	Elvanfoot	5m	N.

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

650291

Station No.

5187/1

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RAINFALL at Elvanfoot (Peden Reg.)

County of Lanark

Observer L. Costley Esq. C.E.

River Basin 5-Clyde - Left Bank

J. Bennett Scott Esq. C.E. (from 1945)

Type of Gauge M.O.

Annual Average 65 in. based on 14 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 515

File No.

Diameter	5"			650	291						
Height	1' 0"					1					above surface at 1' 0"
Altitude	964'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(0.93)	4.90	9.24	8.54	4.66	9.53	7.61	4.76	7.74	4.86	
February	4.12	(1.93)	7.39	3.27	9.41	5.42	(0.71)	6.98	9.43	7.39	
March	2.57	2.80	2.97	1.08	5.70	4.40	4.58	6.17	3.03	6.93	
April	2.80	4.31	5.16	3.86	2.89	2.08	12.48	5.27	8.22	4.53	
May	5.26	5.20	4.46	3.96	7.19	1.75	6.45	1.76	2.41	2.59	
June	1.88	1.28	5.98	5.94	4.92	4.52	4.36	6.63	1.39	4.71	
July	3.48	6.41	3.47	3.98	5.37	6.44	5.04	4.04	2.41	5.51	
August	8.62	7.90	4.09	4.09	2.17	4.58	0.00	7.97	4.51	7.87	
September	2.81	6.67	5.00	7.57	10.74	10.78	5.40	8.07	3.05	14.66	
October	6.42	9.26	13.23	7.16	7.21	1.28	2.62	7.07	6.35	5.99	
November	7.32	2.32	4.50	10.94	7.4	11.57	8.82	4.91	8.89	4.31	
December	4.84	11.54	4.32	8.65	5.43	7.10	4.13	10.27	13.00	2.28	
TOTALS	51.10	64.52	72.81	69.04	66.43	69.45	62.26	78.90	70.43	71.63	

1941 Jan. adj for snow.

20004

1942 Feb. cont'd for snow.

1947 Feb. adj for snow.

1948 1.10. Imp. & glass plate gauge sound. Site ideal.

If the average for 5.80 should be 61.5 the area should be near 62.

40004 20004

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
1941			Elvanfoot	5 m	N.	Elvanfoot	5 m	N.

650291

Station No. 5187/1

RAINFALL at Elvanfoot (Peden Res.)

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County of Lanark

Observer J. Bissett Scott, Esq. C.E.

River Basin. 5 - Elyde - Left Bank

Type of Gauge. M.O. No 203617

Annual Average 5.1 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 515.
 " " 67.37 " 21 in the 1938-59. " " 1916-50 " " File No. "S."

Diameter ...	5"		X	650	291	X					
Height ...	1' 0"					1					
Altitude ...	964'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.34	5.82	3.66	5.69	5.64	4.14	8.76	5.97	2.69	6.03	
February ...	4.15	1.72	2.37	4.49	1.84	0.70 0.70	4.73	5.14	2.00	8.31	
March ...	3.98	4.10	1.09	4.64	3.00	4.43	4.80	0.81	5.43	2.41	
April ...	5.14	3.54	4.05	1.90	3.24	1.07	3.14	2.66	5.14	7.12	
May ...	2.36	3.76	3.75	6.14	6.01	4.43	3.28	4.57	2.22	3.14	
June ...	2.02	3.73	1.27	5.68	3.15	3.55	2.03	3.52	3.97	3.55	
July ...	3.76	3.78	7.48	5.24	3.49	7.07	4.16	6.03	5.62	4.72	
August ...	8.54	5.13	5.58	5.78	2.34	7.42	5.05	4.42	1.00	3.23	
September ...	5.58	2.95	7.43	10.61	4.69	5.57	3.32	6.81	1.88	4.72	
October ...	1.22	7.69	6.44	13.56	5.06	5.38	6.39	4.85	9.01	4.11	
November ...	11.97	3.92	11.69	13.95	2.73	2.72	2.69	2.84	11.16	11.15	
December ...	11.85	5.41	7.64	7.28	8.69	9.63	7.41	6.18	10.50	7.86	
TOTALS ...	65.89	51.45	62.45	84.96	48.78	56.13	56.76	53.86	61.22	66.35	
	D	M	D	D	D	d	d	d	d.	d.	

Imp. R. Grassma 7.10 g. fairly good condition, leak between rain & ground to be repaired. Site an fairly level open to S of roadway between two stone walls. A good site.

5" gauge set up 8/1/51 near to old 8 1/2" gauge (5187).

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 26/942123

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.	Direction
1951			Elvanfoot	5 mi	N	Elvanfoot	5 mi	N

Summary of Earlier Records from 10-year Sheets :

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	16 1927 ✓	✓ but n.g. 39.0 ✓			✓ but d. 41-42

(6a) Wt. 13072-389 IOM 6/30 T.S. 841 Gauge seems to have been raised during 1938