

RAINFALL at Elvanpool, Tiden ReservoirCounty of LanarkObserver: Lewis Costley Esq. C.E.River Basin Glyde - left bank tribs. 5 Box Surveyor Motheswell.Howard Rain Gauge, by _____

Diameter ...								11			
Height								1.0			
Altitude ...								1030			
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS
January ...								9.40	15.40	1.30	12.15
February ...								3.15	7.25	2.35	2.0
March								5.50	8.50	1.45	2.35
April								5.20	2.35	1.45	2.20
May								3.40	1.35	6.50	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 } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1927			Elvanpool	5 mi	N	Elvanpool	5 mi	N.

RAINFALL at Elvanfoot (Peden Reservoir)County of LennoxObserver J. Galloway, C.E.River Basin 5 - Clyde - Left BankType of Gauge LewinsAnnual Average 62.1 in. based on 6 years obs. un-weighted. Period of average 1881-1915 Ref. S
computed x/37

Diameter	11"										
Height	1' 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	1.10	6.20	0.00	8.00	3.40	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	(6.35)	1.00	2.25	2.45	6.25	2.80	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	.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	(0.35)	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. part estimated.

Inspected 2/11/37. Slate rule chipped and cracked causing imperfect readings.

Record discontinued 12/38

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

RAINFALL at ELVANFOOT (PEDEN RESERVOIR) Daily GaugeCounty of LANARKObserver L. Costley Esq., C.E.River Basin 5-Clyde-Left BankType of Gauge M.O.

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.

RAINFALL at Elvanfoot (Pedern Rep.)

Station No.

5187/1

41

County of LanarkObserver L. Cosdy Esq. C.E.River Basin 5-Clyde-Left Bank

J. Bisset Esq. (Rep. from 1948)

Type of Gauge M.O.Annual Average 65.1 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 515

File No.

Diameter	5"				6.50	291					
Height	1'0"					1			other entry at 1'0"		
Altitude	964'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.98	4.90	9.24	8.54	4.66	9.53	1.61	4.76	7.74	4.86	
February	4.12	(1.93)	7.39	3.27	9.41	5.42	(0.77)	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	3.77	3.98	5.37	6.44	5.04	4.04	2.41	5.51	
August	8.62	7.90	7.09	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	
	d	d	d	d	d	d	d	d	d	d	

1941 Jan. adj. for snow.

1942 Feb. cond. for snow.

1947 Feb. adj. for snow.

1948 1.10. Imp. D. gauge cond. site ideal.

If the average for 5.86 should be 61.5 this should be near 62

40004 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	Parish Church.	Distance from gauge.	Direction
1941			Elvanfoot	5 m	N.	Elvanfoot	5 m	N.

BRITISH RAINFALL ORGANIZATION

Station No. 5187/1

RAINFALL at Elvanfoot (Peden Res.)

51

County of Lanark

Observer J. Bennett Scott Esq. C.E.

River Basin S - Clyde - Left Bank

Type of Gauge M.O. No. 23617

Annual Average 65.1 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 515.

" " 67.27 " " 21 " in 1938-59.

File No. 1916-50

"S."

Diameter ...	5"			X	650	X	291				
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	0.87	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	5.01	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 ...	5.56	2.85	7.43	10.61	4.59	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	11.76	11.15	
December ...	11.85	5.41	7.64	7.28	8.69	9.63	7.41	6.18	10.56	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	

1951. Temp. 10° Celsius 7.10 G. fairly good conditions, but between rain expected to be repeated. Site on fairly level grass to S of road along between unknown village & stream. A good site.

5" gauge set up 8/11/57 near to old 8" 11" 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 Direction from gauge		Parish Church.	Distance Direction from gauge.	
1951			Elvanfoot	5ml	N	Elvanfoot	5ml	N

Summary of Earlier Records from 10-year Sheets :

98.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		6 1927 ✓	✓ but no 392 ✓	✓	✓