

RAINFALL at Elvanfoot (Potrenick Burn)

County of Leven Observer Wm Ross, Esq.River Basin 5. Clyde - left bank trib. (1927) Lewis Gortey Esq. G.E.Howard Rain Gauge, by Boss Esq. Motherwell

Diameter ...						11"						
Height						1'						
Altitude ...						1018'						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	MEANS.
January ...						7.40	11.30	9.35	15.45	1.65	13.35	
February ...						6.00	8.10	3.35	6.40	2.40	2.20	
March						3.00	4.15	5.30	8.30	.45	2.25	
April						9.15	4.10	5.10	2.20	2.20	2.35	
May						8.45	4.35	4.15	1.30	7.15	3.45	
June						1.10	5.30	6.25	7.10	3.15	4.05	
July						3.40	5.25	6.15	4.40	5.15	5.20	
August						5.15	6.35	6.25	8.20	7.30	10.15	
September...						4.25	5.25	9.30	5.30	2.15	5.40	
October						7.35	6.15	9.25	12.25	8.20	12.15	
November...						(2.45)	9.25	10.30	9.20	11.20	8.10	
December...						(6.50)	3.45	2.15	6.50	15.00	7.20	
TOTALS...						64.20	73.00	76.90	86.60	65.80	73.85	

1925 Nov & Dec. adjusted by surrounding stations.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1925	55° 22' 3" 41'		Elvanfoot	5m	N.	Elvanfoot	5m.	N.

RAINFALL at Elwanfoot (Potterick Burn)County of LeamObserver L. Costley, C.E.River Basin S. Side. Left BankType of Gauge HowardAnnual Average 6.44 in. based on 8 years obs. yh-weighted. Period of average 1881-1915 Ref. S
6.44 computed x137

Diameter	11"										
Height	1'0"										
Altitude	1018'						1004				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	7.20	15.40	8.10	10.30	3.00	8.65	8.30	11.30	(7.00)	(2.00)	
February	6.30	.15	7.15	0.00	8.00	3.50	5.35	5.00	(10.30)	2.54	
March	(2.90)	5.00	4.20	4.10	3.45	4.15	1.25	7.00	(6.80)	6.65	
April	(4.65)	6.15	3.25	5.50	5.00	2.15	3.30	.09	(4.40)	2.90	
May	3.45	3.15	3.45	5.85	1.00	1.00	3.25	6.10	(.70)	2.45	
June	(6.40)	1.15	2.45	2.50	6.35	2.65	5.15	8.09	(4.00)	1.88	
July	(8.20)	8.15	7.00	3.60	4.10	4.30	6.35	7.05	(8.00)	7.21	
August	5.35	2.15	3.25	6.35	.55	3.35	2.00	4.08	(1.60)	3.15	
September	2.25	6.30	3.25	5.00	5.40	4.40	6.15	4.07	(8.20)	6.90	
October	(3.15)	11.10	5.05	12.00	10.00	9.50	5.10	12.76	(4.50)	5.86	
November	(6.25)	5.45	3.00	2.50	8.15	6.60	1.03	14.52	(13.50)	7.22	
December	(7.50)	14.15	1.25	14.45	5.00	11.40	3.05	6.20	(3.10)	9.32	
TOTALS	67.60	78.30	51.40	72.15	60.00	61.65	50.28	86.26	67.10	58.08	M

††† Bracketed Months corrected for date of entry.
 Record discontinued 12/38
 1940. Jan. est.

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			Elwanfoot	5 m.	N.	Elwanfoot	5 m.	N.

RAINFALL at Elvanfoot (Patrick Burn)Station No. 5186

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County of LanarkObserver L. Cocken, Esq. C.E.River Basin S. Clyde Left BankJ. Bisett Scat Esq. C.E. (1949)

Type of Gauge

Howard Octaput July 1946Annual Average 61.5 in. based on 8 years obs. un-weighted. Period of average 1881-1915. Ref. 8computed x 137

File No.

Diameter	11			650	251	5"		(2 1/2")			
Height	10				1	?		1'			
Altitude	1004				41			1004'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(1.00)	5.25	9.20	8.10	4.40	(8.60)	8.03	9.30	8.10	4.80	
February	3.75	(1.90)	6.40	3.20	8.10	(5.00)	1.00	6.20	8.75	4.20	
March	3.35	3.10	2.60	0.90	5.20	(3.00)	5.00	6.25	3.20	4.00	
April	2.65	4.20	4.90	3.90	3.00	(2.00)	10.50	4.60	8.34	4.67	
May	5.60	5.70	4.40	4.20	7.10	(1.50)	4.40	1.99	2.94	2.45	
June	1.65	1.28	5.80	5.00	5.10	(4.00)	4.50	6.85	1.31	5.24	
July	3.85	5.45	3.30	4.90	4.20	6.10	5.08	3.35	2.48	6.00	
August	7.88	7.60	8.20	4.00	2.50	4.04	0.00	8.02	4.00	8.45	5469
September	2.75	5.90	5.00	7.30	9.50	11.10	4.95	7.47	3.25	13.53	
October	6.00	8.20	13.30	6.70	6.90	1.10	2.69	7.92	6.80	6.00	
November	6.75	2.40	4.20	9.40	1.00	11.70	8.50	5.10	8.67	4.45	
December	4.20	8.90	4.20	7.50	5.20	6.00	3.90	10.69	12.83	2.45	
TOTALS	49.43	59.88	71.50	65.10	67.30	(64.14)	58.55	77.74	70.67	72.24	

1941 Jan adj. for snow.

1942 Feb cord for snow.

1946 Jan-June est'd. - gauge out of order. n.p. too much estimation. New Octaput set up in July.

1947 n.p. low

1948. 610. sup. Dylepole. Site good but n.v. as pufakes 5187/1. Site moved from mound 30-35 yds E. No leaf wall initially.

Initially to be chair elev. Poles because further from hills. New gauge 26.1.49. Visited by Mr. Thomson 12.10.49. Gauge moved 30/35 yds E. soon after injection in 1948, but it was found that site got flooded, and inner container leaked slightly. Leaks repaired and new site adopted 40 ft still further E. First protector now in use.

Average Rainfall in 1946 (Dew Water Gauge) calculated on average of 61.5 in. is more applicable. (Lanark 20.468)

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	40004	20004	Elvanfoot	5 mi	N	Elvanfoot	5 mi	N

Station No. 5186

RAINFALL at Elvanfoot (Potter's Burn)

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County of LeamingtonObserver J. Bissett Scott Esq.River Basin S. Ryde Left Bank DitchType of Gauge Oceanic No. 555/37Annual Average 61.5 in. based on 1 year's obs. unt-weighted.Period of average 1881-1915 Ref. P.B. 515" " 67.19 " " 6 " " 1950-55." " 1916-50File No. "S"

Diameter ...	5"				650	251					
Height ...	1' 0"					1					
Altitude ...	1004'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.20	5.50	3.55	5.40	4.05	4.10	8.05	6.02	3.65	6.58	
February ...	3.95	2.02	2.20	5.57	2.05	0.73	4.04	5.43	2.14	7.03	
March ...	3.75	3.53	1.60	3.72	3.37	4.45	5.05	.97	4.82	3.27	
April ...	4.67	3.52	3.53	1.60	4.87	1.09	3.06	2.23	5.64	7.42	
May ...	2.48	4.00	3.85	6.56	4.50	4.45	3.19	4.65	2.05	3.08	
June ...	2.25	4.00	1.84	5.70	4.21	3.55	2.03	3.65	3.76	3.47	
July ...	3.95	4.43	8.00	6.85	3.80	6.14	5.05	5.79	5.83	4.82	
August ...	8.95	5.02	4.95	7.00	3.09	7.09	6.00	4.50	0.97	3.19	
September ...	5.07	3.00	6.95	11.23	6.02	6.50	4.25	6.45	2.08	4.60	
October ...	1.18	7.57	5.85	13.30	4.95	4.54	6.03	5.11	8.94	4.07	
November ...	14.00	3.75	10.35	13.20	3.50	3.01	3.04	2.81	11.42	11.08	
December ...	11.00	6.40	7.40	8.10	9.15	10.09	7.28	5.49	10.18	7.73	
TOTALS ...	66.45	52.74	59.87	88.33	53.66	56.27	57.07	53.10	60.84	66.34	
	M	M	M	M	M	M	M	M	M	M	

1955 Rep. H. Clamma 710 G. found site on sketch of rough ground near intake but to E of road where cross P. Burn
 Rising ground all round except to E. Slight dip to SW. Remembered more 30' S into hollow near drain where well
 found dip to SW. Well open to E but not site available.
 1955. Found adv by 7103 for snow. Eng. agreed.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 26/424101...

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1954.			Elvanfoot	5 mi.	N.	Elvanfoot	5 mi.	N.

Summary of Earlier Records from 10-year Sheets :

GR.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		61925	✓ but 24838	✓ no 46-47.	