

RAINFALL at Elvanfoot (Potrenick Burn)

County of Lanark. Observer Wm Ross, G.E.

River Basin S. Clyde - left bank trib. (1927) Lewis Gaitley Esq. G.E.

Howard Rain Gauge, by

Boro Draft Motherwell

Diameter ...						11"					
Height						1'					
Altitude ...						1018'					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...						7.40	11.30	9.35	15.45	165	13.35
February ...						6.00	8.10	3.35	6.40	2.60	2.20
March						3.00	4.15	5.30	8.30	45	2.25
April.....						9.15	4.10	5.10	2.20	220	2.35
May						8.45	4.35	4.15	1.30	7.15	3.45
June						1.10	5.30	6.25	7.10	8.15	4.05
July						3.40	5.25	6.15	4.40	6.15	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 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
1925	55° 22' 3" 41'		Elvanfoot	5m	N.	Elvanfoot	5m.	N.

650251
5186
31

RAINFALL at Elvanfoot (Pottenick Burn)

County of Lanark

Observer L. Cootley, C.E.

River Basin. S. Clyde - Left Bank

Type of Gauge Howard

Annual Average 64.4 in. based on 9 years obs. yh-weighted. Period of average 1881-1915 Ref. 3
64.4 computed x/37

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	3.40	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	(7.0)	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	6.35	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	67.00	58.08		

1941 Bracketed Months corrected for date of entry.

Record discontinued 12/38

1940. Jan. est.

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

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

RAINFALL at Elvanfoot (Prestwick Burn)

Station No. 5186

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County of Lanark

Observer Mr. Collyer, Esq., C.E.

River Basin S. Clyde, Left Bank

J. Bissett Scott, Esq., C.E. (1946)

Type of Gauge Howard Octagon, Jut 1946

526545 (no gauge available)

Frost protector 1947

PP515

Annual Average 15.4 in. based on 5 years obs. un-weighted. Period of average 1881-1915. Ref 8

Computed x 37

CPI 4.8

File No.

Diameter	11		650	251	5" July	(21.2-69)	5"				
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	9.80	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	4.10	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	4.30	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	54.69
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	41.50	65.10	62.30	(64.14)	58.55	77.74	70.67	52.24	
			M	M	M	M.p.	M.p.	M	M	m	

1941 Jan adj. for snow.

7400A

1942 Feb adj. for snow.

1946 Jan-June adj'd. - gauge out of action, no. too much estimation. New Octagon set up in July.

1947 N.p. low

1948 F.I.O. adj. D'alempaire site just left M.R. as perfect 51.8711. Site moved from mound 30-35 yds E. No turf well likely to be over stone. Palms because further from hills.

Now gauge 26.6-47. Visited by Mr. Thomson 12.10.49. Gauge moved 30/35 yds E. soon after inspection in 1948, but it was found that site got flooded, and inner container leaked slightly. Scale repaired and new site adopted 40 ft still further E. Frost protector now in use.

Average, Elvanfoot is part E.C.C. (Dawndale Stream) showed an average of 61.5 in. is more applicable. Elvanfoot 50.648

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

Date	Lat. N.	Long.	Railway Station	Distance from gauge	Direction from gauge	Parish Church	Distance from gauge
1941	55°00'N	20°00'E	Elvanfoot	5 mi	N	Elvanfoot	5 mi

Station No. 5186

RAINFALL at Elvanfoot (Potternecks Burn)

51

County of Lancashire

Observer J. Birrell Scott, Esq.

River Basin S. Elyde - Left Bank Hills

Type of Gauge Octagonal (0.545 ft) with float indicator

Annual Average 61.5 in. based on 1 year obs. un-weighted. Period of average 1881-1915 Ref. P.B.515
" " 67.19 " " 1950-55. " " 1916-50 " S
File No.

Diameter ...	5"				650	251					
Height ...	1' 0"						1				
Altitude ...	1000'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	5.20	5.50	3.55	5.40	4.06	4.10	8.05	6.02	3.85	6.58	
February	3.95	2.02	2.20	5.57	2.05	0.73	4.04	5.43	2.64	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	4.60	4.45	3.19	4.65	2.05	3.08	
June	2.25	4.00	1.84	5.70	4.21	3.58	2.03	3.65	3.76	3.47	
July	3.95	4.43	8.00	6.95	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	4.04	6.03	5.11	8.94	4.07	
November	14.00	3.75	10.35	13.20	3.60	3.01	3.04	2.81	11.42	11.08	
December	11.00	6.40	7.40	8.10	9.15	10.04	7.28	5.49	10.18	7.73	
TOTALS ...	66.45	52.74	59.87	88.33	53.66	55.27	57.07	53.10	60.84	66.34	
	M	M	M	M	M	M	M	M	M	M	

1955 Rep. McLeavine 7.10 g. sound site on stretch of rough ground near intake head 100 yds. from wheat crop P. Burn

Rising ground all round except N.E. border drops to 50'. Prevalent snow 20' S. into hollows - mean from wheat crop 1955. March half by 10% for snow. Eng. agreed.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 881/422410L...

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

Summary of Earlier Records from 10-year Sheets :

60.

Record D. or d	1910-19	1920-30	1931-40	1941-50	1951-60
	61925	-	✓ Int 268.38	✓ Int 46-47.	-