

RAINFALL AT *Dumtosh Cochran Falls*

Lat. *55° 56'*

Lon. *4° 24' 33"*

County of *Dumfries*

Rain Gauge, by

Observer

Clyde - R. bank - ft.

J. D. Mackie Esq. C.E.
Y. L. Rae Esq. C.E. (09)

Diameter ..							5				
Height							10				
Altitude ..							400 ft				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							5.64	3.07	5.43	6.25	
February ..							3.20	3.36	3.44	2.71	
March							3.80	5.43	4.71	2.12	
April							1.23	2.22	1.57	4.29	
May							6.15	5.19	2.95	3.44	
June							2.09	4.89	2.65	3.24	
July							3.32	3.16	2.91	4.47	
August							4.91	5.97	4.04	3.25	
September ..							2.54	1.87	7.17	2.65	
October							6.36	6.11	2.05	6.32	
November ..							4.46	3.44	3.87	2.71	
December ..							5.50	6.32	4.23	5.19	
TOTALS ..							49.20	51.03	45.02	46.64	

D T B D

1908 Linger Station

RAINFALL at Dumtöcher, Cockno Filters

County of Dumbarton Observer J. L. Rae Esq. b.8

River Basin Clyde-Right bank tribs. 84.

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	400 π										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.78	3.04	3.26	3.23	3.35	2.95	6.31	3.31	5.14	2.25	17.01
February ...	4.23	7.45	4.22	3.70	4.06	5.39	5.98	.84	6.33	.52	13.67
March	2.16	1.52	6.17	5.60	5.64	2.59	1.90	2.23	1.45	3.31	8.59
April	4.94	2.81	2.41	3.34	2.17	3.22	3.84	1.36	.67	2.09	7.96
May	2.46	2.42	1.84	4.12	2.08	1.71	6.19	3.44	2.23	.36	12.22
June	2.43	4.73	4.80	3.23	.77	2.19	2.83	2.83	1.28	4.15	11.09
July	4.33	3.73	2.91	1.41	3.26	5.75	4.61	2.28	4.21	1.16	12.26
August	9.11	3.12	4.46	1.38	4.22	2.55	4.15	3.73	3.62	3.15	14.65
September ..	2.29	2.44	3.31	2.56	2.49	1.87	1.34	2.97	5.44	3.46	13.21
October ...	2.75	3.94	5.16	1.99	1.83	4.33	7.87	6.75	4.36	.97	18.95
November ..	3.69	6.43	4.79	6.21	4.62	2.84	5.21	7.97	5.40	4.94	23.52
December ...	5.05	7.96	8.15	5.98	5.52	4.73	5.34	3.03	4.26	7.94	20.57
TOTALS ...	48.22	49.59	51.48	42.75	40.01	40.12	55.57	40.74	44.39	34.30	175.00

π π π π

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Singers	2 mls.	N.			

Water Supt. Blydebank

1929. Cont'd for W.D.

Reference No.

RAINFALL at Duntocher (Cochmo Ficters)

County of Dumbarton Observer E. T. Collins, C.E. Eng.

River Basin 4 - Clyde - Right Bank

Type of Gauge

Annual Average 44.2 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. Survey
computed x 11/36

Diameter	5.										
Height	1.0.										
Altitude	400.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	3.65	7.61	3.72	5.27	3.18	5.83	4.57	6.34	4.40	(3.01)	47.58
February	5.26	00	4.08	71	5.52	2.38	5.57	2.64	5.32	2.09	33.57
March	1.23	2.34	2.16	2.22	1.97	2.74	1.72	3.24	3.69	4.54	2585
April	1.97	3.85	2.56	3.13	3.17	1.28	1.95	.51	2.52	2.92	2386
May	5.48	3.20	2.73	3.05	.56	1.74	1.72	3.94	1.73	1.53	2568
June	5.16	1.30	1.77	2.46	4.73	2.47	3.71	6.24	2.48	.81	31.13
July	5.16	2.54	4.32	2.46	2.25	4.94	3.36	3.99	6.41	3.58	39.01
August	2.57	2.16	2.99	4.99	2.02	3.49	3.98	2.49	2.83	2.58	36.10
September	1.23	3.94	.57	5.64	6.15	4.58	2.69	4.58	3.08	4.60	37.06
October	3.76	6.97	3.93	7.85	10.27	5.53	3.53	7.95	2.98	6.49	59.26
November	6.80	3.80	2.58	1.40	5.14	3.94	.89	8.33	7.90	4.38	45.16
December	3.87	6.37	1.22	6.02	3.28	6.27	2.83	3.69	2.77	4.24	40.56
TOTALS	46.14	44.08	32.63	45.20	48.24	45.19	36.52	53.94	46.11	40.77	438.82
	D.	D	D	D.	D	D	D.	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	Direction	Parish Church.	Distance	Direction
				from gauge			from gauge	

Station No. 5337

RAINFALL at Duntocher (Cochro Filters)

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County of Dumbarton Observer E. T. Collins, Esq.

River Basin Clyde - Right Bank J. E. McWilliam Esq.

Type of Gauge Snowden (1944)

Annual Average 44.2 in. based on 27 years obs. de-weighted. Period of average 1881-1915 Ref S

File No.

Diameter	5"				661	343					
Height	1' 0"					1					
Altitude	400'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS Means
January	1.04	(4.00)	5.49	4.53	(2.77)	5.77	5.02	7.62	5.21	4.05	45.50
February	3.57	1.80	4.18	1.76	7.75	3.40	(1.00)	4.65	4.55	4.73	37.39
March	3.02	5.10	2.27	7.4	3.67	2.78	5.47	3.84	2.98	3.11	32.98
April	1.66	2.87	3.66	3.07	2.35	2.10	6.39	2.80	4.94	3.94	33.78
May	4.31	2.65	3.50	3.36	4.64	1.72	4.90	2.07	2.74	1.44	31.33
June	1.22	2.67	4.04	3.73	3.68	3.24	4.12	6.52	1.28	2.03	32.53
July	3.30	2.92	2.44	3.38	3.77	4.01	4.68	3.39	2.60	4.74	38.23
August	5.03	5.08	6.57	2.99	2.70	4.03	0.00	7.20	4.79	5.99	44.38
September	1.83	5.43	2.81	5.41	5.60	6.46	4.98	7.60	2.37	8.61	51.10
October	5.19	6.36	9.05	4.84	5.92	5.9	3.00	7.03	6.60	3.84	52.42
November	3.23	0.81	2.55	6.38	.69	6.96	6.19	4.05	4.76	2.94	38.56
December	2.25	4.67	1.70	7.42	4.09	3.87	2.39	5.32	8.74	1.43	41.88
TOTALS	35.65	(44.36)	48.26	47.61	47.63	44.93	48.14	62.09	51.56	49.85	480.08

1942 Jan. estd. 40004
1943 Gauge moved 1st August 20 ft. SE, bushes may have been altering gauge to some extent.
New gauge 1/2/44
1945 Jan. part estd. for snow.
1950 Jan/feb part alt as gauge was frozen 28/6/50. Dec 30th est for snow loss.

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

Station No. 5337RAINFALL at Duntocher (Lochno Filter) old site

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County of DumbartonObserver J. E. McWilliam Esq.River Basin Clyde-Right Bank-4Clydebank and DistrictType of Gauge SnowdonWater FountAnnual Average 44.2 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S46.59 " " 35 " " 1916-1950File No. 1916-1950 P

Diameter ...	5"				661	343					
Height ...	1' 0"					1					
Altitude ...	400'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.84	4.18	2.30	5.71	3.25	3.01	6.00	4.33	1.71	3.70	
February ...	2.35	2.45	1.57	5.33	2.18	1.65	3.20	2.82	2.23	3.40	
March ...	3.00	3.34	1.20	2.77	1.56	2.68	4.68	1.00	2.01	2.22	
April ...	2.17	1.92	1.87	2.16	1.99	1.25	1.88	1.66	3.90	3.76	
May ...	2.07	2.31	2.37	4.32	4.50	2.42	2.78	3.18	1.04	2.80	
June ...	2.38	3.07	1.75	3.19	2.89	2.43	2.10	3.61	2.98	2.89	
July ...	3.72	3.15	4.62	3.81	0.89	5.45	4.05	5.47	6.70	3.91	
August ...	5.63	3.53	4.22	5.63	.83	4.77	5.26	5.20	.86	3.40	
September ...	3.70	2.86	3.93	6.64	5.21	5.63	3.25	4.28	1.55	3.34	
October ...	1.34	5.07	2.42	10.04	3.32	3.42	5.54	3.78	4.78	3.12	
November ...	6.59	2.32	6.55	6.68	2.68	2.08	1.92	2.16	5.42	4.94	
December ...	6.21	4.60	4.96	5.99	6.88	5.51	5.13	5.06	6.76	5.44	
TOTALS ...	44.00	38.80	37.76	62.27	36.18	40.30	45.79	42.55	39.94	42.92	
	D	D	D	D	D	NP CHECK	NP	NP	NP	NP	

1955. Imp. H. Thomson 28.9. Site on lawn near filter beds which are N.E. & N.W. of road except for scythe grass in upper part of outer canopy & minor com. hole repaired (no loss). Overgrown to S. where there is a steep drop 15', 6' from gauge. New site chosen where good slope up to S.E. - S - N - N.E. Back to S.E. - N.E. base 50'-60', 50-70' away.

1958. n.p. check.

1959. n.p. check.

1961. Laminated w.c. of 31.10.60

1960 n.p. check

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 26/495.727..

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-(Sub) accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓ but d 24	✓	✓ but d 41-42	

RAINFALL at Dunkocher (Bochno Gitten) new site

County of Dumbarton Observer Hydebank District Water Inst.

River Basin.....

Type of Gauge.....

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

File No.....

Diameter ...				661	344	5'					
Height ...					1	11"					
Altitude ...					51	385'					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						3.19	6.41	4.79	1.82	4.02	
February ...						1.76	3.68	3.39	2.31	3.57	
March ...						2.85	4.96	1.09	2.15	2.34	
April ...						1.34	1.98	1.74	3.93	3.84	
May ...						2.63	2.92	3.41	1.09	2.95	
June ...						2.51	2.26	3.79	2.90	3.02	
July ...						5.56	4.23	5.69	6.80	4.00	
August ...						4.88	5.57	5.32	0.81	3.48	
September ...						5.72	3.48	4.26	1.55	3.31	
October ...						3.52	5.69	3.86	4.90	3.38	
November ...						2.11	2.05	2.21	5.62	5.26	
December ...						5.87	5.75	5.32	6.94	5.65	
TOTALS ...						41.94	48.98	44.87	40.82	44.82	
						D	D	D.	D.	D	

Annual average 49.03 is based on 4 yrs. obs. 1956-59. Period of average 1916-50 Ref 5.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 26/495737

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d					