

RAINFALL AT *Dumtocher Greenside Reservoir*

Lat. Lon. County of *Dumfriesshire*

Smokedon Rain Gauge, by *N. F. J.* Observer. *J. D. Mackie Esq. Ch.*
 Clyde - R. bank - 4. J. L. Rae Esq. C.E. (09)

Diameter ..							5				
Height							10				
Altitude	876 ft			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							4.50	2.97	5.06	5.71	
February ..							3.21	3.17	3.87	2.64	
March							3.40	4.75	5.52	2.53	
April							1.30	2.52	1.85	4.82	
May							6.95	5.35	3.39	4.09	
June							1.54	5.24	3.12	3.45	
July							3.73	2.37	4.48	5.20	
August							5.98	7.13	4.93	4.71	
September ..							2.79	2.41	8.43	2.83	
October							6.98	6.15	2.28	7.19	
November ..							5.71	4.52	4.11	2.82	
December ..							6.04	7.24	5.33	5.81	
TOTALS ..							52.13	53.82	52.37	51.80	

1907 *Dumtocher Church* 2 mls. N (09)
Singer Station 2 1/2 mls. S
Langs on "Red Moor" 3 1/2 mls. N (09)
 4 " S

RAINFALL at Kilpatrick Hills, Greenside Res.County of Dumbarton Observer J. L. Rae Esq. C.E.River Basin Clyde Right bank tribs. 34Snowdon Rain Gauge, by N & L

Read weekly

Diameter ...	5										
Height	1 0										
Altitude ...	876 π										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.93	4.49	4.54	4.64	5.09	3.96	9.57	4.03	5.88	6.46	25.94
February ...	4.32	7.43	4.84	3.50	5.00	4.95	4.89	1.35	7.36	14	13.74
March	2.32	1.73	6.57	4.53	6.23	3.53	1.71	2.09	1.91	2.32	8.03
April	4.17	3.19	2.59	4.01	2.33	3.37	4.57	2.39	1.36	4.14	12.46
May	2.34	3.17	2.21	4.38	2.03	1.26	5.46	3.62	3.01	1.48	14.07
June	2.38	4.24	6.09	3.60	1.22	2.79	4.35	4.27	1.49	4.81	14.92
July	3.65	5.07	3.26	1.61	4.33	5.67	6.50	2.73	4.93	2.11	16.27
August	11.15	2.61	4.24	1.62	6.94	2.49	4.75	4.88	4.66	4.20	18.49
September ..	2.48	4.05	3.87	2.59	3.92	2.02	1.32	6.39	5.58	4.65	17.94
October ...	3.89	1.58	6.09	3.19	2.54	5.12	8.83	8.06	9.37	2.22	28.48
November ..	4.02	8.86	2.97	6.43	5.99	3.04	7.61	8.58	6.21	4.80	27.20
December ...	5.65	9.57	11.11	6.70	6.55	5.39	6.73	2.73	4.86	6.99	21.31
TOTALS ...	51.30	55.99	58.38	46.80	52.17	43.59	66.79	51.12	56.62	44.52	218.85

1912. 9. frozen last weeks of November.

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

RAINFALL at *Kilpatrick Hills, Greenside Reservoir*County of *Dumbarton* Observer *L. L. Rae Esq. C.E.*River Basin *Glyde - Right bank tribs. &c.* (1926) *E. J. Collins Esq.**Snowdon* Rain Gauge, by *M. & G.*

Diameter ...	5											
Height	1	0										
Altitude ...	876											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN:	
January ...	6.04	9.31	4.92	5.68	6.73	5.06	7.83	5.97	12.40	3.32	8.72	45.98
February ...	7.45	1.34	5.24	7.38	1.09	5.12	10.13	3.58	5.65	(2.46)	.50	49.94
March	5.54	7.31	2.66	1.75	1.27	1.50	4.26	5.15	6.13	(1.07)	1.97	38.61
April	3.66	1.29	2.99	4.64	3.01	6.10	3.22	5.36	2.41	1.25	1.86	35.71
May	5.86	2.81	5.71	2.71	5.48	7.61	3.17	3.33	2.00	4.09	3.33	46.10
June	2.96	.95	2.25	1.47	3.22	1.51	4.54	5.12	7.21	2.90	2.94	35.07
July	5.58	3.24	2.89	6.02	5.08	2.09	3.30	4.43	5.02	6.55	5.20	49.40
August	6.10	9.04	3.78	7.39	6.70	4.46	4.62	6.28	8.78	7.06	6.41	48.62
September...	3.96	3.19	2.73	8.79	5.74	4.88	3.78	5.57	4.90	3.00	4.79	51.33
October	1.94	5.74	2.06	7.49	4.14	4.53	7.48	8.19	9.33	6.68	7.32	64.90
November...	5.59	4.63	5.26	3.45	4.01	1.22	7.28	3.97	7.41	9.14	6.72	58.68
December...	5.83	7.91	4.25	2.97	9.14	3.66	2.55	1.67	4.68	12.15	5.34	60.15
TOTALS...	60.51	56.76	44.74	59.14	55.61	47.74	62.16	58.62	75.92	59.67	55.10	636.57

1929 Feb. & Mar. &c. frozen. amounts not

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

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1911			Singers					

RAINFALL at Kilpatrick Hills (Greenside Reservoir)County of Dumbarton Observer B.T. Collins, R.E. LongRiver Basin 4 - Clyde - Right BankType of Gauge Annual Average 51.8 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. Surveycomputed x 11/36

Diameter	5										
Height	1.0										
Altitude	876										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.44	9.57	5.10	7.37	3.17	7.31	5.51	8.01	6.25	3.03	59.76
February	4.98	10	4.67	6.68	6.40	2.62	4.82	3.71	6.83	2.11	36.82
March	3.78	3.13	2.80	2.52	2.00	3.46	2.72	4.56	4.05	5.98	35.60
April	2.47	4.55	3.28	3.36	3.65	1.30	2.50	.76	2.82	4.45	29.14
May	5.44	3.53	3.55	3.00	.46	1.90	1.59	4.74	2.17	1.84	28.21
June	7.42	1.92	2.28	2.80	5.30	2.82	5.94	8.92	2.87	1.12	41.39
July	5.15	1.85	5.27	2.81	1.96	5.65	4.79	4.41	8.69	4.74	45.22
August	4.25	3.08	3.97	7.30	2.46	3.91	4.77	3.54	3.09	2.90	39.27
September	1.74	4.10	.63	6.20	8.27	4.79	3.93	7.25	4.05	5.38	46.34
October	4.60	7.28	3.33	8.52	11.81	5.33	5.21	9.71	3.66	7.37	66.82
November	8.45	3.89	3.07	2.10	4.55	4.18	1.79	10.21	9.41	6.93	54.58
December	4.60	8.23	1.16	7.16	3.65	5.90	4.26	3.67	3.36	4.94	46.93
TOTALS	57.32	51.13	39.11	53.82	53.67	49.17	47.83	69.49	57.15	50.79	529.48

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

Station No. 5338

RAINFALL at Kilpatrick Hills (Greenside Reservoir)

41

County of. Dumbarton

Observer E. T. Collins, Esq.

River Basin 4 - Clyde - Right Bank

J. E. McWilliam, Esq. 1948

Type of Gauge

Annual Average 51.5 in. based on 27 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. Survey

File No.

Diameter	5"				6.61	331			X		
Height	1'0"					1					
Altitude	876'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS Means
January	1.82	4.60	6.43	5.46	(3.00)	7.01	7.11	6.72	7.84	4.53	54.72
February	6.00	(1.60)	5.27	2.18	(8.24)	2.65	(1.00)	6.51	5.15	6.94	45.54
March	3.66	5.10	2.43	1.64	3.54	3.72	(4.50)	4.20	4.09	3.74	36.62
April	2.65	3.61	4.51	3.61	3.47	2.60	7.09	3.36	6.15	3.93	40.98
May	3.78	4.42	3.98	3.71	5.11	1.68	4.46	1.26	3.10	1.72	33.22
June	1.43	2.42	5.13	3.89	3.75	4.35	5.57	6.62	1.43	2.89	37.48
July	4.37	4.33	2.61	3.74	4.41	4.74	5.68	4.39	2.64	8.53	45.44
August	5.72	6.96	7.03	2.98	2.53	4.33	0.00	8.80	4.69	7.13	50.17
September	2.84	6.22	4.06	6.58	7.46	9.00	6.03	8.01	3.46	7.00	61.66
October	6.44	7.51	9.47	6.63	7.46	.66	2.73	9.03	6.96	5.74	61.63
November	4.62	1.28	3.05	7.58	.92	8.41	7.69	6.06	5.58	3.07	48.26
December	3.65	5.93	2.14	8.08	4.84	5.06	3.70	7.37	9.45	2.63	52.85
TOTALS	46.98	53.98	56.31	54.08	54.73	54.21	55.56	72.33	60.54	59.83	568.57

1945 Jan. & Feb. ~~aff.~~ ~~corr.~~ for snowfall.

30004

1947 Feb. est. for snow. was. adj. for snow

20004

60004

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

BRITISH RAINFALL ORGANIZATION

Station No. 5338

RAINFALL at Filpatrick Hills (Greenside Reservoir) old site 51

County of Dumfries Observer J. E. McWilliam Esq.

River Basin Elyde - Right Bank - 4 Elydebank and

Type of Gauge bucket (no wind) Distinct with fault

Annual Average 51.8 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S

55.81 " " 35 " " 1916-1950 1916-1950 P

File No.

Diameter ...	5"				661	331						
Height ...	1' 6"					1						
Altitude ...	876'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	6.68	(4.80)	2.56	6.25	3.41	3.88	6.89	4.20	1.99	5.74		
February ...	3.62	(2.92)	3.08	7.17	2.25	1.69	4.01	3.41	2.47	5.33		
March ...	4.38	4.60	1.41	3.68	1.58	2.97	6.50	2.15	3.00	2.69		
April ...	2.90	2.57	2.15	1.99	3.05	1.14	2.30	1.99	4.06	4.68		
May ...	2.16	2.29	2.66	5.06	5.38	2.96	3.26	3.26	1.25	3.49		
June ...	2.97	4.58	2.11	4.60	3.91	2.93	2.77	4.05	3.51	3.43		
July ...	4.96	3.73	7.05	4.37	1.72	5.44	3.88	4.53	7.29	5.84		
August ...	7.16	5.28	4.67	6.28	1.18	5.37	5.96	4.42	1.29	4.08		
September ...	4.51	3.27	5.14	7.46	5.50	6.63	3.83	4.15	1.84	3.62		
October ...	1.51	5.58	2.43	11.87	4.04	3.53	6.28	5.14	5.31	4.22		
November ...	7.19	2.28	9.13	7.92	3.25	1.76	2.14	2.36	6.96	5.91		
December ...	7.79	5.35	5.71	6.64	7.74	7.60	5.75	5.37	7.02	5.61		
TOTALS ...	55.83	47.25	48.10	73.29	42.41	45.90	53.57	45.03	45.99	54.64		
		W	W	W	W	W	W	n.p.	np	np		

1951. Aug. 17. 10.30 am. 28 in. Gauge found but not at 6". It is a cheap little one, 100' from E. and as overexposed to SW - N - SE. I removed it as it is below 100' E. of east end of lock.

(1956 printed 387)
1957 53.47 - B.R. copy
1958 n.p. check.
1959 np check.
1960 np check

60004

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 477754

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. (check) accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ but n.p. 15 W	✓ - but 30W	✓ -	✓ W but - 4.42	

RAINFALL at Kilpatrick Hills (Greenide Res.) n.g. Station No. 5338/1

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County of Dumfries and GallowayObserver Hydrographic District Water Inst.

River Basin.....

Type of Gauge.....

Annual Average..... in. based on..... years obs. un-weighted. Period of average 1916-50 Ref. 5

55.90

4

1956-59

File No.

Diameter ...			661	323		5"					
Height ...				1		1'					
Altitude ...				51		840					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...						(4.25) 6.67	4.38	2.97	5.13		
February ...						(2.03) 4.00	3.63	1.61	4.65		
March ...						3.52 6.46	2.39	2.88	2.76		
April ...						1.20 2.20	1.76	4.18	4.14		
May ...						3.06 3.19	3.96	1.28	3.36		
June ...						3.16 2.64	4.21	3.23	3.29		
July ...						6.44 5.47	6.78	6.51	5.90		
August ...						5.98 7.17	5.49	1.13	4.11		
September ...						6.85 4.08	4.37	1.82	3.65		
October ...						3.60 6.32	5.28	4.92	4.34		
November ...						2.09 2.44	2.15	5.94	5.75		
December ...						7.16 5.65	5.49	6.83	5.14		
TOTALS ...						49.31	56.49	49.89	43.33	52.22	
						m	w	w.	w	w	

60002

Annual average 55.90 in. based on 4 yrs. obs. 1956-59. Period of 1956-59. Ref. 5.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 24/478754

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

Summary of Earlier Records from 10-year Sheets :

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