

RAINFALL AT Duntocher Green-side Reservoir

Lat.

Lon.

County of Dunbartonshire

Snowdon Rain Gauge, by N.F.3.
clyde - R. bank - 4t.

Observer J.D. Mackie Eng. Ch.

J.L. Rae Eng. G.E. (09)

Diameter							5			
Height							10			
Altitude 876 ft			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	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	5.32	5.81
TOTALS							52.13	53.82	52.37	51.80

1907 Duntocher Church 2 miles N (09)
 Singe Station 2½ miles S
 Range on Peal Moor 3½ miles N (09)
 4 " " S

RAINFALL at Kilpatrick Hills, Greenside Res.

County of Dumbarton Observer T. L. Rae Esq. C.B.

River Basin Clyde Right bank trib. 34

Snowdon Rain Gauge, by N + Z

Read weekly

Diameter ...	5										
Height	1 0										
Altitude ...	876 ft										
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	4.36	.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	5.96	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	8.88	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	44.92	218.85

1912. G. frozen last week 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 T. L. Rae Esq. C.E.

River Basin Clyde - Right bank trib.s.4. (1926) E. J. Collins Eng.

Snowdon Rain Gauge, by N. G.

1929 Feb. & Mar. by frozen amounts est'd

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1911			Singers					

RAINFALL at Kippatrick Head (Greencle Reservoir)

County of Dumbarton.

Observer G.T. Collins, Esq., Esq.

River Basin N. Clyde - Right Bank.

Type of Gauge.

Annual Average 51.8 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. Survey
Completed XII/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	10.00	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	5.93	35.00	
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	2.14	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	6.21	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	3.66	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	529.49	

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

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

Station No. 5338

RAINFALL at Kilpatrick Hills (Greenside Reservoir)

41

County of Dumbarton

Observer F. 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. unweighted. Period of average 1881-1915 Ref. SURVEY

File No.

Diameter	5"			(661)	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	6.63	6.46	(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	30.62
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	4.13	50.17
September	2.84	6.22	4.06	5.58	7.46	9.00	6.03	8.01	3.46	9.00	61.66
October	6.44	7.51	9.47	5.63	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	56.08	54.73	54.21	55.56	72.33	60.54	59.83	568.57

1945 Jan. & Feb. off. cor. for snowfall.

30004

1947 Feb. 2nd. for snow. Mar. adj. for snow

20004

60004

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	Parish Church.	Distance from gauge

74-661331

Station No. 533.8

51

RAINFALL at Lighthill Hills (Greenside Reservoir) old site
 County of Dumbarton Observer J. C. Mc William Esq.
 River Basin Clyde Right Bank - 4 Clydebank and
 Type of Gauge Bucket (Drum) District Water Board

Annual Average 51.8 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S
55.816 " " 55 " 1916-1950 File No. P

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	7.14	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	W	W	

1955. Dug out hollow 28 ft. gauge round bottomed 46". like a steep hillside. At S.E. end, 200' from E. end, it oversteeped to SW - N - SE. Reamed narrow like a hollow 100' E. of earth end of hole.

(1956) Reamed B.R.
53.47 m B.R. copy

1957 n.p. check.

1958 n.p. check.

1959 n.p. check.

1960 n.p. check

60004

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 26/4.77.754

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P. (Yearly) accepted

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ last n.p. W	✓ — last 30W	✓	✓	W last - 41-42

Station No.

5338/1

RAINFALL at Kilpatrick Hills (Greenside Res) m.s.m.

County of Dumbarton

Observer Phyllis D. Duthie Water Street.

51

River Basin.

Type of Gauge.

Annual Average in. based on years obs. un-weighted. Period of average Ref. 55.90 4 1956-59 1976-80 5

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 ...					5.95	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	5.85	5.49	6.83	5.14		
TOTALS ...					44.31	56.49	49.89	43.33	52.22		
					M	w	w.	w.	w.		

60004

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

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 26/478754

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

Summary of Earlier Records from 10-year Sheets :

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