

RAINFALL AT *Dumtucker Jaw Reservoir*

Lat.

Lon.

County of *Dumbarton*

Snowdon Rain Gauge, by *N. 3*

Observer *J. D. Mackie Esq. Cl.*
J. L. Rae Esq. B.C. (09)

Clyde R. bank 2 1/4

Diameter ..							5				
Height							1	0			
Altitude	912	K		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..							5.42	4.79	6.38	6.81	
February .							4.03	5.16	5.70	3.77	
March							4.38	6.74	6.12	2.24	
April							2.20	2.82	2.18	5.07	
May							7.47	6.11	3.72	4.35	
June							2.09	5.60	3.46	3.30	
July							4.59	3.51	3.97	6.22	
August							5.64	7.93	5.50	5.39	
September..							3.34	2.83	9.10	3.14	
October							7.73	6.93	2.19	7.63	
November ..							5.56	4.09	4.62	3.98	
December ..							6.69	7.29	5.49	6.74	
TOTALS ..							59.14	63.80	58.43	58.64	

1907 *Dumtucker Church* ^{2 miles} *3 1/2 miles* ^{N. (09)} *5*
Singa Station ^{3 1/2} *5* ⁽⁰⁹⁾ *5*
Gauge on "Peat Moor"

RAINFALL at Kilpatrick Hills, Jaw ReservoirCounty of Dumbarton Observer J. L. Rae Esq. C.E.River Basin Glyde - Right bank tribs. 84.Snowdon Rain Gauge, by N. + Z.

Read Weekly.

Diameter ...	5										
Height	1 0										
Altitude ...	912 ∇										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.68	4.34	4.29	4.29	6.33	4.60	10.43	4.78	5.25	4.90	
February ...	4.62	8.32	4.83	4.39	5.20	4.40	5.05	1.61	7.52	.09	
March	2.40	2.00	8.03	6.21	6.89	4.38	4.40	2.36	1.55	2.39	
April	4.21	3.91	3.84	3.73	3.23	4.03	5.48	2.46	1.03	1.50	
May	2.67	3.24	2.48	4.84	2.49	1.02	6.03	3.30	2.67	1.51	
June	2.38	5.02	5.91	4.03	1.13	2.60	4.86	3.92	1.61	4.61	
July	4.61	5.28	3.21	1.98	4.39	5.63	6.47	2.76	5.56	.46	
August	11.81	3.02	3.90	1.81	7.40	2.73	5.15	5.02	4.49	3.88	
September ..	2.65	4.07	4.67	2.63	3.79	2.03	1.63	7.00	6.61	5.60	
October ...	4.09	1.49	6.34	2.79	3.04	5.34	10.21	8.47	7.56	2.35	
November ..	4.11	9.33	3.71	8.20	6.83	3.15	8.18	9.18	6.01	5.10	
December ...	5.95	9.74	12.95	4.74	5.77	5.58	7.03	2.55	4.34	8.14	
TOTALS ...	55.18	59.76	64.16	49.64	56.49	45.49 imp D	74.92	53.41	54.20	40.53	

1912. G. frozen in last week of November.

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

RAINFALL at Philpatrick Hills, Jaw Reservoir

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

River Basin Glyde - Right-bank tributaries (1926) E. J. Collins Esq.

Snowdon Rain Gauge, by N. G.

Diameter ...	5"										
Height	1 0										
Altitude ...	912										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	6.49	9.24	5.41	6.66	6.64	4.49	8.04	4.67	12.30	2.90	9.81
February ...	7.75	1.43	4.14	7.89	1.26	5.25	10.50	3.62	5.78	(2.47)	.37
March	6.67	6.19	2.37	1.53	1.31	1.65	5.01	5.04	5.62	(1.08)	1.23
April	3.52	.85	2.93	4.03	2.79	5.66	3.07	4.88	2.62	1.39	2.11
May	5.81	2.76	5.52	3.25	5.70	6.02	3.24	3.65	2.20	3.35	3.44
June	3.57	1.12	2.48	1.82	3.18	1.11	4.90	4.95	6.20	2.83	2.23
July	6.25	3.54	2.77	7.63	4.82	2.02	4.09	4.28	4.70	5.43	4.93
August	6.45	9.04	3.96	8.30	7.05	4.48	4.61	6.10	6.44	7.34	6.43
September...	4.16	3.72	3.50	9.25	5.15	5.43	2.97	5.27	4.72	3.33	4.53
October	2.07	6.07	3.04	8.44	4.12	4.11	7.15	8.16	9.35	7.44	6.99
November...	6.20	4.50	5.50	4.19	3.99	1.03	6.53	3.83	8.65	9.41	6.87
December...	5.76	8.67	4.42	3.00	5.64	3.47	2.74	1.25	4.60	12.95	6.21
TOTALS...	64.70	57.13	46.04	65.99	51.65	44.72	62.85	55.70	73.18	59.92	55.15

1924. Seems low in Dec. & general towards the end of year.
1929. Feb. & Mar. est'd. by frozen. July corr'd. by surr'd 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
1911			Singers					

RAINFALL at Kilpatrick Hills (Taw Reservoir)

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

River Basin H - Clyde - Right Bank

Type of Gauge

Annual Average 53.9 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	912.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.63	10.44	5.62	8.27	3.32	7.52	6.77	9.91	6.19	3.39	
February	5.70	.00	4.55	1.07	7.42	2.94	5.83	4.01	7.25	2.35	
March	3.65	2.98	2.83	2.62	2.50	3.62	2.17	6.10	5.34	6.35	
April	2.74	4.93	3.85	3.30	4.00	1.63	2.50	1.17	3.76	3.85	
May	5.54	3.67	3.03	3.35	0.48	1.79	1.78	4.74	2.14	1.83	
June	6.26	1.58	2.00	2.38	5.72	3.13	6.13	8.08	3.31	1.39	
July	4.58	2.47	5.91	2.81	3.21	6.02	5.13	5.30	8.54	4.93	
August	4.02	3.62	4.74	6.67	2.69	4.91	5.09	4.03	3.20	3.36	
September	1.59	4.55	.76	6.88	9.17	4.61	4.11	7.23	3.80	6.14	
October	4.92	8.18	3.65	11.38	13.23	7.73	5.50	11.05	3.27	7.40	
November	8.82	5.37	3.01	2.92	5.12	4.71	1.76	11.28	10.37	7.07	
December	4.41	7.73	1.18	7.25	4.31	7.81	3.60	3.56	3.14	5.50	
TOTALS	56.86 W.	55.52	41.13 W.	58.90 W.	61.17	56.42	50.37	76.46	60.31	53.56	

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	Parish Church.	Distance from gauge	Direction

74-661294

A.M. Form 1603. Air Ministry, Meteorological Office.

Station No. 5340

RAINFALL at Kilpatrick Hills (Taw Reservoir)

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

River Basin 4- Clyde - Right Bank J. E. McWilliam Esq. 1948

Type of Gauge

Annual Average 53.9 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref Survey

File No.

Diameter	5"				661	294					
Height	1'0"					1					
Altitude	912'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(1.50)	(4.50)	6.44	(7.00)	(3.00)	7.10	6.62	6.36	8.97	5.90	
February	6.62	(1.80)	6.32	3.17	(8.49)	3.33	(1.00)	7.46	7.64	6.41	
March	2.99	(5.10)	4.10	1.18	3.78	3.37	(5.96)	6.14	4.52	4.22	
April	1.94	3.43	5.04	3.20	3.60	3.56	6.77	4.52	7.12	5.23	
May	4.74	4.26	3.70	3.63	5.00	1.43	3.87	1.16	3.29	1.93	
June	1.76	2.43	5.79	4.61	4.30	4.22	5.59	7.24	1.45	3.42	
July	4.79	4.31	2.60	3.55	4.53	5.18	4.98	4.69	2.55	9.52	
August	6.48	7.45	7.02	3.93	2.58	4.06	0.00	9.51	6.14	7.58	
September	2.57	7.71	4.29	6.43	7.30	9.42	6.61	10.26	3.42	11.02	
October	7.24	11.21	-1.00	6.09	7.84	0.62	3.08	9.94	6.92	6.77	
November	4.01	1.43	-1.00	7.70	1.06	8.28	7.89	6.25	5.86	4.20	
December	4.33	6.43	-1.00	9.06	(4.46)	5.16	4.97	6.90	12.20	2.43	
TOTALS	48.97	(60.06)	-1.00 n.p. inc	59.55	55.94	55.73	57.34	80.43	70.08	68.63	

1941 Jan estd. 70004

1942 Jan-Mar estd.

1943 Oct-Dec no records, gauge stolen

1944 Jan estd from nearby stns.

1945 Jan & Feb. apportioned Dec. part est'd.

1947 Feb & Mar. app. for Duas

1950 Jan/Feb part app as gauge frozen. Dec/Jan '51 app gauge frozen.

40004

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.

Station No. 5340
RAINFALL at Kilpatrick Hills (Jaw Reservoir) **51**
County of Dunbarton Observer J. E. McWilliam Esq.
River Basin Clyde - Right Bank - 4 Clydebank & District Water Trust
Type of Gauge Standard rain

Annual Average 53.9 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S
56.60 - 4 - 1956-59 1916-50 S
File No. X

Diameter ...	5"				661	294					
Height ...	1'0"					1					
Altitude ...	912'				51	910					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	6.18	(4.20)	3.03	6.02	3.58	(3.30)	6.92	4.79	2.43	4.73	
February ...	4.14	(2.73)	3.96	6.28	2.23	(1.73)	4.06	3.52	2.53	4.65	
March ...	4.17	4.65	2.17	5.32	1.75	2.78	6.55	2.44	2.91	2.71	
April ...	3.71	2.77	2.75	2.71	3.14	1.15	2.41	2.04	3.26	4.74	
May ...	1.55	1.99	2.38	5.28	5.12	3.34	3.36	3.94	1.32	3.19	
June ...	2.91	4.37	1.92	5.16	4.01	3.32	2.79	4.39	3.46	3.45	
July ...	5.86	4.86	6.06	5.00	0.88	7.25	5.39	6.33	8.43	6.10	
August ...	7.18	5.13	5.54	6.07	1.17	5.49	6.93	5.38	1.29	4.32	
September ...	4.24	4.12	5.80	8.31	5.53	6.75	3.82	4.99	1.89	3.75	
October ...	1.93	5.02	2.76	11.48	4.69	3.86	6.44	5.24	5.50	4.24	
November ...	7.16	3.03	9.91	8.08	3.59	2.34	2.17	2.55	6.43	5.83	
December ...	9.36	6.05	6.16	9.01	8.18	7.41	6.27	5.27	6.18	6.09	
TOTALS ...	58.39	48.92	52.44	78.72	43.87	48.72	57.11	50.88	45.63	53.80	
		W	W	W	W	W	W	W	W	W	

1955 Imp H. Thomson. G. found at 8"9". Site on moorland to W of reservoir, subject to interference, slightly overgrown to E. Record left for overlap with new site at Colshaw had fullness & exposure than more 100° N.W. to get away from slope.
60004

Annual average 56.60 in. based on 4 yrs. obs. 1956-59. Period of average 1916-50 - Ref. 8.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 26/49.6.7.5.7

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	✓	✓	✓	✓ imp n.p. 43	
	-	- but W 30	- but W 31, 33-34	W but - 41-42, 46	