

# RAINFALL AT

Dumtichen Jaw Reservoir

Lat. ....

Lon. ....

County of

Dumfries

Snowdon Rain Gauge, by N.P.

Observer

J.D. Mackie Esq. Ch.

Clyde R. bank - 4.

J.L. Rae Esq. C.E. (01)

Diameter ..							5				
Height ....							10				
Altitude ..							912 ft				
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 Dumtichen Church  
Sugar Station  
Range on Red Moor

2 miles N. (09)  
3 1/2 miles 5 (09)  
5 " N S

RAINFALL at Kilpatrick Hills, Jaw ReservoirCounty of DumbartonObserver T. L. Rae Esq. C.E.River Basin Glyde - Right bank tribs. ~~34~~Snowdon Rain Gauge, by N. + L.

Read Weekly.

Diameter ...	5										
Height .....	1 0										
Altitude ...	912 $\frac{1}{2}$										
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	1.99	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 int.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 Kilpatrick Hills, Jaw ReservoirCounty of Dumbarton Observer J. L. Rae Esq. C.E.River Basin Glyde - Right bank tributaries (1926) E. J. Collins Esq.Snowdon Rain Gauge, by N. 9/2

Diameter ...	5"											
Height .....	10											
Altitude ...	912											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEAN.	
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. Some low in Dec. &amp; generally towards the end of year.

1929. Feb. &amp; Mar. est. d. by frozen. July corr. by two stations

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

Map, 2 miles to 1 inch Series

Reference No.

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



RAINFALL at Hilpatrick Hills (Taw Reservoir)County of DumbartonObserver E.T. Collins, C.E. Eng.River Basin K - Clyde - Right Bank

Type of Gauge

Annual Average 53.9 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. JanuaryInstrument 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	1.48	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	9.47	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	55.52	41.13	58.90	61.17	56.42	50.37	76.46	60.31	53.56	
	W		W.	W.							

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. 5340

RAINFALL at Killpatrick Hills (Taw Reservoir)

41

County of Dumbarton

Observer F. T. Collins Esq.

River Basin H. Clyde - Right Bank

J. E. McWilliam Esq.

Type of Gauge

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

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	-100	6.09	7.84	0.62	3.08	9.94	6.92	6.77	
November	4.01	1.43	-100	7.70	1.06	8.28	7.89	6.25	5.86	4.20	
December	4.33	6.43	-100	9.06	(4.46)	5.16	4.97	6.90	12.20	2.43	
TOTALS	48.97	(60.06)	-100 n.p. inc	59.55 w	55.94 w	55.73	57.34 w	80.43 w	70.08 w	68.63 w	

1941 Jan. estd. 40004

40004 60004

30000

1942 Jan-Mar estd.

1943 Oct-Dec no records, gauge stolen

1944 Jan estd from nearby plus.

1945 Jan &amp; Feb. fortnightly Dec. part estd.

1947 Feb-Mar. app. for snow

1950 Jan-Feb. hard 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 from gauge	Parish Church.	Distance from gauge.	Direction from gauge.

BRITISH RAINFALL ORGANIZATION

Station No. 5340

RAINFALL at

Kilpatrick Hills (Jaw Reservoir)

51

County of

Dunbarton

Observer

J. C. McWilliam Esq.  
Clydebank & District Water Trust

River Basin

Clyde - Right Bank - 4

Type of Gauge

Inverted air

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

56.60 - 4 - 1956-59

File No.

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	43.92	52.44	78.72	43.87	49.72	57.11	50.88	45.63	53.80		
		W	W	W	W	W	W	W	W	W		

1955 Imp H. Thomson of sound ref at 8.5". Site on moorland NW of reservoir, subject to interference, slightly overgrown to E. Rain had been for overlap with new like at Colkiss had 4 inches & gauge was then moved 100' N.W. to get away from trees.

60004

60004

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

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 26/496757

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

Summary of Earlier Records from 10-year Sheets:

Doubt

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ imp 7.43	
	-	- but W 30	- but W 31, 33-34	W but - 41-42, 44	