

# RAINFALL AT Glen Finlas Reservoir

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Dumbarltonshire

Snowdon Rain Gauge, by N<sup>o</sup> 3

Observer Mr D. Murray for Wm Craig

cl. de, Leven - 3.

Diameter ...								6		5	
Height .....								1	0		
Altitude ...								820	750		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...							8.50	7.90	8.90	10.88	
February ...							5.40	7.40	6.10	9.01	
March .....							6.50	7.90	8.60	2.33	
April .....							3.10	3.70	2.50	5.16	
May .....							8.60	5.80	4.80	6.46	
June .....							2.40	9.30	4.10	4.47	
July .....							5.20	3.70	8.80	7.11	
August .....							7.50	11.20	4.50	5.79	
September ..							14.70	3.30	16.20	3.16	
October ...							10.40	6.00	2.50	10.34	
November ..							7.40	6.90	4.70	4.50	
December ...							7.10	9.70	7.50	9.43	
TOTALS ...							76.80	82.80	79.20	78.64	

1906-07 Dec<sup>r</sup> 13. VIII. 09 Ent<sup>r</sup> 22. IX. 09

1906 Russ Gk. 5 mi. N.

Balloch Stat. 7 mi. S.

8 miles N of Carron Res about 5 miles E of Akenhead Falls

## RAINFALL at

Loch Finlas

No. 1

County of DumbartonObserver Mr. Daniel MurrayRiver Basin Glyde-Leven 3.George Beaton Esq (1918)Rain Gauge, by N+L

Cat. No. 133.

Diameter ...			5	12		5					
Height .....			1	0	2	6		1	0	9	
Altitude ...		820									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...		5.80	6.37	(5.14)	7.30	6.90			7.61	7.10	
February ...		10.15	6.59	6.38	8.44	12.70			10.12	1.37	
March .....		(2.50)	11.19	9.16	7.29				2.71	4.26	
April .....		4.80	4.46	4.12	5.79	8.80			3.17	4.52	
May .....		4.50	4.43	6.89	4.23	0.00			5.21	2.22	
June .....		4.20	8.64	6.93	2.14	1.00			3.22	5.01	
July .....		5.30	4.27	1.37	4.33	8.75			5.12	1.65	
August .....		3.80	6.25	3.20	8.16	11.50			6.43	9.05	
September ..		6.40	4.51	2.31	5.51	3.40			8.80	7.39	
October ...		6.10	10.76	4.13	3.87	5.08			10.29	2.01	
November ..		8.20	10.08	12.46	10.51	3.70			10.36	5.72	
December ...		11.00	18.68	10.74	10.78	7.00			8.79	10.82	
TOTALS ...		(72.75)	96.23	(72.83)	78.35	68.83	NR		81.83	59.12	

1911 March g. out of order. rough est? (11.17)

1919. Position surrounded by hills.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919			Balloch	8 mls	S NW.	Luss	5 1/2 mi	N.

RAINFALL at Glen Finlas ReservoirCounty of DumbartonObserver Mr. Daniel MurrayRiver Basin Clyde - Leven 7.3.Rain Gauge, by N.L.

Diameter ...	5										
Height .....	1 0				1 0						
Altitude ...	750				750						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	7.94	9.61	6.26	4.22	5.07	6.85	13.69				
February ...	6.25	15.94	6.25	5.90	8.28	12.36	5.68				
March .....	4.37	4.21	7.92	8.09	8.10		2.45				
April .....	5.54	7.48	5.50	4.39	6.01	5.92	5.39				
May .....	3.57	6.20	3.71	6.57	3.61	1.09	4.98				
June .....	3.68	6.17	8.10	5.22	2.49	2.47	5.80				
July .....	6.62	5.58	4.77	1.44	3.58	8.40	3.97				
August .....	15.67	7.73	5.41	3.06	9.45	5.82	6.06				
September ..	3.25	5.82	5.16	3.37	4.61	3.44	3.16				
October ...	4.43	6.02	9.67	3.96	3.68	5.13	10.83				
November ..	3.92	13.10	7.94	9.88	8.77	3.41	9.58				
December ...	7.84	13.84	14.50	7.70	7.50	6.55	6.09				
TOTALS ...	73.08	101.70	85.19	63.80	71.15	61.44	77.68				

1911 Not printed ? average of several gauges.

I suspect that this is only another version of No. 7 and not an averaged figure.

1912. Not published. Obs. says "Average of 7 rain gauges."

1913

1914

1915

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Balloch	7 mls.	SE.	Luss	5 mls.	NE.



RAINFALL at Glen Linlas Reservoir No. 1.County of DumbartonObserver G. Bealton EsqRiver Basin Glyde - Leven &

Water Superintendent

M.O. Rain Gauge, by N. J. Cat  
N. 7 133.

M.

Diameter ...	5"			5								
Height .....	0.9		1 1	1 1								
Altitude ...	920		782	782								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	9.15	14.48	6.61	10.24	9.03	8.27	10.38	10.85	17.07	2.95	9.14	
February ...	10.75	3.41	7.53	6.29	3.74	5.11	10.17	6.93	7.84	3.50	.55	
March .....	10.54	11.97	3.60	3.65	1.11	2.91	7.57	7.31	6.10	2.70	4.80	
April .....	3.46	3.01	4.92	4.55	4.18	8.70	2.94	6.46	4.25	1.95	2.73	
May .....	7.51	4.61	7.25	3.23	7.17	10.97	5.12	4.39	2.23	5.26	4.56	
June .....	3.85	3.31	4.16	2.67	5.71	1.86	4.10	8.48	9.65	6.01	4.53	
July .....	5.13	4.51	6.64	7.11	8.00	3.33	4.86	6.55	7.83	7.30	4.99	
August .....	9.00	11.75	5.28	10.93	6.45	6.72	7.09	7.28	8.14	11.19	9.61	
September...	6.91	4.08	4.18	12.83	8.43	5.93	7.04	9.23	5.78	4.09	5.00	
October .....	3.66	8.42	5.27	11.57	6.52	6.76	8.71	8.32	9.93	10.77	10.94	
November...	8.48	5.38	8.84	6.11	6.70	1.11	7.84	8.11	12.24	10.99	9.04	
December...	5.39	10.16	8.26	6.47	9.50	5.26	6.61	1.60	7.80	15.87	7.51	
TOTALS...	83.73	91.09	72.44	85.65	76.54	66.93	82.43	85.51	98.86	82.58	73.40	

1920 Position surrounded by hills

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
1920			Balloch	8 mi	S.	Luss	5 1/2 mi	N.

RAINFALL at Glen Fincas Reservoir. No. 1County of DumfriesshireObserver George BeatonRiver Basin 3- Clyde-LochanType of Gauge M. 6  
(1956 M.O.) Bradford, (1930)Annual Average in. based on years obs. un-weighted. Period of average Ref.

Diameter	5.										
Height	1. 1.										
Altitude	782.										
Year	1931	1932	1933	1934	1935	1936	1937	†1938	1939	1940	Means
January	4.98	11.92	7.40	11.76	5.20	6.57	9.62	11.49	5.30	2.75	
February	7.27	.03	6.55	1.57	9.58	4.35	7.46	6.78	9.20	3.62	
March	1.69	4.00	3.04	2.84	3.22	4.79	1.97	8.64	6.68	7.63	
April	3.21	7.00	3.94	3.84	4.44	2.67	3.75	1.72	3.83	4.93	
May	7.50	3.91	3.56	5.65	.86	2.01	2.53	8.52	2.11	1.78	
June	9.28	2.28	3.35	4.00	6.07	4.17	6.86	10.48	5.13	1.21	
July	6.41	6.34	7.23	3.50	3.07	7.64	8.64	8.45	9.40	4.45	
August	3.54	4.33	6.94	6.25	5.10	7.03	6.64	4.76	3.16	5.13	
September	2.20	6.99	1.13	9.19	10.82	5.78	6.59	8.87	6.96	5.78	
October	8.52	10.45	3.62	12.05	15.04	9.14	4.07	14.93	3.01	9.82	
November	9.57	9.10	3.20	3.30	6.83	6.03	.96	12.96	12.57	9.94	
December	7.75	10.29	2.32	10.05	6.02	10.93	3.40	7.95	6.11	8.95	
TOTALS	74.92	76.64	52.28	74.00	76.25	71.11	62.49	105.55	73.40	66.04	
	M	M	M.	M.	M	M	M	m	M		

1931. Surrounded by hills.

average computed 2137 from records 1911-15, 1918-32 rejected  
from survey as 10" too low

† expected 76.4-3.8, best available site.

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
1931.			Balloch	8m	S.	Luss	5 1/2 m	N.

Station No. 5327

RAINFALL at Glen Finlas Reservoir N<sup>o</sup> 1

41

County of Dumfriesshire Observer George Beaton Esq.  
 River Basin 3- Clyde-Leven Malcolm Ross Esq. (1947)  
 Type of Gauge Brachford M.O. (1950)

Annual Average 19.1\* in. based on        years obs. un-weighted. Period of average        Ref.       File No.       

Diameter	5"				6.63	0.47					
Height	1' 1"					1		1.0			
Altitude	782'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.00	8.25	7.16	10.20	5.05	9.35	7.95	11.50	11.45	6.70	
February	6.53	3.01	9.22	4.01	12.70	6.20	4.44	8.20	8.05	9.50	
March	3.10	4.20	4.21	1.70	6.47	4.00	3.55	7.01	4.70	5.10	
April	3.34	3.53	7.46	4.07	3.20	3.50	8.55	5.40	9.60	6.20	
May	4.10	4.15	5.15	6.10	6.50	1.84	6.15	2.45	3.85	2.10	
June	2.26	3.40	6.90	7.60	7.25	7.10	5.85	7.80	1.90	4.20	
July	5.01	5.95	4.70	6.10	6.45	5.75	7.35	7.60	4.90	10.45	
August	8.00	11.71	13.70	4.95	2.90	6.85	0.00	13.10	6.90	9.05	
September	3.61	11.10	7.10	7.60	10.25	12.25	8.05	12.90	3.80	15.50	
October	8.76	12.40	17.34	7.70	8.80	8.5	4.25	16.20	10.40	10.00	
November	5.98	2.18	6.40	9.95	1.20	10.88	12.50	6.50	7.72	4.45	
December	5.31	11.62	5.02	7.42	6.70	8.59	4.10	8.75	16.90	2.75	
TOTALS	57.00 M	81.50 M	94.36 M	77.40 M	77.47 M	77.16 M	68.74 M	107.41 M	90.17 M	86.30 M	

1941 Surrounded by hills.

1947 Low. n.p. Engineer has tested for leaks &amp; reports gauge sound (1949)

\* Origin unknown: printed in italics in B.R.

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch SeriesNo. of Map       Reference No.       

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Balloch	8 mi	S.	huss	5 1/2 mi	N.

BRITISH RAINFALL ORGANIZATION



Station No. 5327RAINFALL at Glen Finlas Reservoir No. 1.

51

County of DunbartonObserver Malcolm Ross Esq.River Basin Glyde-Leven - 3Type of Gauge M.D.Annual Average 69.1 in. based on 1955 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 628  
75.1 20

File No. ....

Diameter ...	5 1/4				6 1/2	0 7/8					
Height ...	1' 6"					1					
Altitude ...	782'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.00	7.38	4.00	7.10	4.10	5.10	11.15	7.81	3.80	5.10	
February ...	4.30	2.70	5.10	5.15	3.65	2.10	3.80	3.35	3.64	6.25	
March ...	4.95	5.50	2.60	4.70	1.70	4.04	11.25	2.10	5.10	4.25	
April ...	4.40	3.10	2.85	4.39	5.90	1.90	3.40	3.00	6.10	8.20	
May ...	2.60	2.05	3.75	4.90	5.10	4.75	3.73	5.83	1.73	3.90	
June ...	2.65	3.80	2.35	5.99	5.35	4.20	3.60	3.15	3.65	5.00	
July ...	5.70	4.85	10.75	5.10	1.59	7.83	9.28	6.65	10.10	7.92	
August ...	8.10	6.15	5.90	7.90	1.70	8.15	6.00	9.53	3.20	4.60	
September ...	5.85	4.90	9.35	10.70	9.10	7.75	5.50	5.85	3.70	4.45	
October ...	3.15	6.45	5.25	15.55	7.05	6.51	9.50	6.93	7.10	4.10	
November ...	9.10	3.65	12.90	9.40	3.95	3.85	3.35	3.85	4.10	6.20	
December ...	12.35	8.60	7.35	13.30	12.60	10.50	10.11	6.60	12.10	11.80	
TOTALS ...	71.15	59.13	72.05	96.18	61.79	66.38	80.67	64.65	67.35	71.77	
	M	M				M	M	M	M	NP	

23.4.59 G. could not be found. Wakerman later gave position (about 26/327893) and thought it probably o/c. This G. should be left for 2 year overlap with No 2 and then moved to sheltered hollow above intake.  
1959 np loc.

1960 np on inspec report

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 26/327893

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1954			Balloch	6 ml.	S.E.			

Summary of Earlier Records from 10-year Sheets :

2mb

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1911-15, 1921-24 - but 12-19	✓	✓ M	✓ but 47 mp M	