

RAINFALL AT Loch Bradae

Lat.

Lon.

County of Ayr

Rain Gauge, by Glenfield &amp; Hamley Observer Messrs. J. &amp; H. V. Eaglesham c. 1909

Girvan - 7.

Diameter ...										8
Height .....										1 0
Altitude ...										997
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909 MEANS.
January ...										3.20
February ...										
March .....										
April .....										
May .....										
June.....										3.20
July .....										8.05
August.....										3.60
September ..										3.05
October ...										12.45
November ..										3.30
December ...										5.40
TOTALS ...										

1909 (June - Dec.) - 1910 read. 2. II. 12; endd 25. VII. 12

RAINFALL at Loch BradaeCounty of Ayr.Observer Messrs. J. & H. V. Caglesham, C.E.  
(per s.m.s.)River Basin Girvan 7Adam Simpson Esq.Rain Gauge, by Glenfield & Kennedy.  
(1919, Jubilee Model B)

Diameter ...	8	16-28										
Height .....	10											
Altitude ...	997	997										991
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		TOTALS 1916-19
January ...	4.75	6.75	8.10	3.65	3.58	6.35	9.15	2.20	4.65	3.95		19.95
February ...	8.12	8.80	5.00	4.20	6.08	10.45	5.68	1.95	7.75	.90		16.28
March .....	3.80	3.20	7.00	5.55	4.48	2.45	2.08	2.85	1.58	1.88		8.39
April .....	5.30	5.90	3.05	4.83	3.35	4.08	5.50	2.45	1.30	3.13		12.38
May .....	3.30	3.55	2.05	4.70	3.68	1.38	4.35	3.45	2.53	1.08		11.41
June.....	2.55	4.50	5.33	3.35	1.22	2.15	2.10	3.65	1.72	7.08		14.55
July .....	5.80	3.60	3.53	.93	2.36	5.20	4.60	1.60	2.78	.99		9.95
August.....	7.80	3.00	5.00	2.08	4.55	2.75	3.05	4.90	5.15	4.08		17.18
September .....	1.96	3.45	3.95	2.78	3.30	1.95	2.95	4.45	7.33	6.78		21.51
October ...	3.50	6.25	5.28	4.65	2.20	3.25	10.15	12.35	7.75	1.15		31.40
November .....	4.65	9.25	6.05	8.35	7.95	3.15	6.93	9.55	6.63	5.08		28.17
December ...	8.50	15.00	9.95	7.15	11.10	7.75	5.65	3.65	5.65	8.70		23.65
TOTALS ...	60.03	73.25	64.29	52.45	53.85	50.91	62.19	53.05	54.82	44.78		214.84

1909 (June-Dec.) recd. 2. VI. 12; entd. 2. V. VII. 12.

1912. March 1st. g. moved 125 yards NW.

Oct. 1913 g. freed - msl. 18.11.10.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912			Kilkerran	9 $\frac{3}{4}$ mls.	WNW.	Stratton	5 $\frac{3}{4}$ mls.	NW.
1919.	55° 14' 56"	4° 27' 44"	Walmellington	5 $\frac{1}{2}$ mi	N.E.	>	5 $\frac{1}{2}$ mi	NW.

## RAINFALL at Loch Bradan

County of Ayr

Observer A. Simpson Esq. C.E.

River Basin Girvan.

M. S. Brodie, Bush Surveyor, W. &amp; Trop.

1922-Snowdon Rain Gauge, by J. Milner &amp; Son (Edinburgh)

Diameter ...	11						11"						
Height .....	1	0					10"						
Altitude ...	991						990						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.		
January ...	7.93	11.63	5.93	6.21	6.97	5.60 (9.17)	6.49	15.19	9.29	6.56	8497		
February ...	5.74	1.95	5.03	6.62	1.23	5.93	5.73	3.58	5.83	2.87	.45	4446	
March .....	7.13	10.51	2.32	2.33	1.28	2.96	5.03	5.39	8.54	.95	3.50	4994	
April.....	3.58	2.89	4.43	3.05	3.19	6.37	3.70	4.49	2.17	2.08	2.50	3844	
May .....	6.88	3.24	3.96	3.85	5.27	6.79	4.03	3.88	2.24	5.88	2.45	4827	
June .....	3.05	1.83	5.13	3.85	3.04	1.83	3.62	5.07	6.27	3.10	2.66	3834	
July .....	4.35	5.22	3.93	4.97	4.93	3.19 (4.18)	6.19	2.58	5.20	6.65	5129		
August .....	5.63	6.82	4.16	8.59	6.43	4.61	4.61	6.29	6.77	6.25	9.20	6936	
September...	3.10	3.15	3.23	9.08	9.32	4.97	4.27	8.13	4.11	3.60	4.85	5816	
October.....	5.65	6.27	3.17	8.97	4.07	7.71	6.27	7.05	11.17	8.65	9.65	7843	
November...	4.28	3.87	4.21	7.10	3.17	2.19	6.98	6.69	8.82	9.40	7.55	6481	
December...	4.25	10.13	4.68	6.15	7.51	6.79	4.39	2.68	5.71	13.17	6.75	7221	
TOTALS...	61.62	67.60	50.18	70.82	56.81	57.94	61.98	65.93	80.40	63.94	61.46	69868	

1926. Jan. + July adjusted by maps.

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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
1920	55° 14' 57" N	4° 27' 44" W	Dalmellington	5 mi 6 fms NE.		Strainton	5 mi 3 fms NW.

## RAINFALL at

Loch Bradan

County of Ayr.

Observer Mr. S. Brodie, Esq.,

River Basin T. Girvan.

Type of Gauge.

Annual Average 57.6 in. based on 12 years obs. un-weighted. Period of average 1931-1940 Ref.

Diameter	11"											
Height	0' 10"											
Altitude	990'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	8.15	9.35	5.64	8.90	3.35	4.75	8.55	8.35	5.16	1.65	6.384	
February	7.35	1.15	3.35	1.11	7.91	2.93	5.17	4.97	7.16	2.75	4.285	
March	1.35	3.15	3.47	4.59	1.95	4.37	5.17	4.15	6.45	5.37	4.002	
April	2.35	4.46	2.85	3.63	5.61	1.62	2.28	.84	3.17	3.14	2.995	
May	3.75	3.05	2.89	5.31	1.14	2.22	1.91	4.91	.66	2.38	2.822	
June	6.35	1.47	2.77	3.17	4.35	2.22	5.23	5.97	3.30	1.25	3.618	
July	4.85	6.48	4.93	3.35	4.32	7.75	5.21	6.85	6.85	5.66	5.525	
August	2.45	2.11	3.50	7.20	1.69	4.97	2.58	2.19	6.60	3.44	3.663	
September	2.10	7.47	1.37	7.60	6.43	5.75	3.84	5.15	2.15	5.84	4.773	
October	5.04	10.14	4.77	10.15	10.46	7.23	1.85	10.53	3.88	6.85	7.040	
November	11.40	5.35	2.27	1.49	5.61	5.65	1.14	10.55	8.83	7.35	5.964	
December	7.22	10.55	1.85	10.10	4.46	7.62	3.97	4.62	2.45	7.15	5.999	
TOTALS	62.36	63.73	39.66	66.60	57.28	57.08	46.93	69.08	55.05	52.93	57.070	518

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
1931.			Hilmellington	5m. 6f	N.E.	Stratton	5m. 3f.	N.W.

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

72-640592

Station No. ....

5266

RAINFALL at Loch Bradan

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County of AyrObserver M. S. Brodie Esq.River Basin 7 - GirvanAndrew Sinclair Esq.Type of Gauge M.O.Borough Surveyor, Troon. 1948Annual Average 57.6 in. based on 19 years obs. set-weighted. Period of average 1881 - 1915. Ref. S

Air distance fr. HR 5/45 too low. Looks fair in 1949

File No. ....

Diameter	11"		5"		640	592					
Height	0' 10"						1				
Altitude	990'		.				41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.87	5.80	7.35	7.23	6.40	8.72	4.89	9.96	7.67	5.01	6540
February	2.74	2.70	6.24	2.66	10.30	4.41	(0.50)	5.03	7.29	5.04	4691
March	4.86	2.97	3.04	1.45	3.14	2.47	5.67	4.92	3.39	3.57	3548
April	2.64	3.34	4.50	3.85	2.84	2.21	9.75	4.43	7.14	4.47	4517
May	4.45	3.09	3.95	3.53	4.76	6.66	3.55	6.9	2.07	2.67	2942
June	1.13	2.36	5.85	5.64	5.66	2.98	4.83	6.30	.91	3.03	3869
July	3.14	5.45	2.87	4.78	4.15	4.94	3.87	4.06	1.76	6.07	4109
August	7.85	6.04	5.34	4.89	2.40	3.20	.17	3.85	3.84	7.09	4517
September	2.45	6.94	4.93	2.77	8.16	9.20	7.04	6.62	2.67	13.63	7041
October	6.04	7.95	9.47	8.34	6.07	1.01	2.59	6.77	6.31	5.62	6017
November	6.75	1.65	5.48	10.00	0.95	7.48	10.37	3.66	9.09	5.07	6050
December	5.34	7.84	3.97	9.48	5.91	5.24	2.51	7.25	10.93	2.29	6076
TOTALS	49.26	56.13	62.99	70.62	60.74 W.	52.52 W.	56.74 W.	63.54 W.	63.07 W.	63.56 W.	59917 JIB

1941

1944 M.O. gauge set up August 1944

Addition  
wrong  
should be  
1945. 60.74 in.

20004

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
1941			Dalmenyton	5 m. 6 f.	N.E.	Straiton	5 m. 3 f. NW.

72-640592

Station No. 5246

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## RAINFALL at Loker, Bradan

County of Ayrshire

Observer Burge Surveyor Iason

River Basin 7-Girvan

Type of Gauge M.O.

Annual Average 57.4 in. based on 14 years obs. un-weighted. Period of average 1941-1950  
59.53 " " 35 " 1916-1950

Ref. S

P

File No.

Diameter	5"			640	592						
Height	0' 10"					1			6"		
Altitude	990'					51			means		
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.98	8.53	3.72	7.42	3.83	4.96	8.98	7.91	3.97	5.20	
February	4.11	3.45	2.41	4.36	2.02	1.11	5.65	6.11	2.96	7.17	
March	2.17	2.92	1.05	5.11	(2.49)	3.06	5.19	1.65	4.12	1.76	
April	4.48	2.64	2.86	1.74	2.75	1.54	3.24	2.80	5.21	6.03	
May	2.05	2.48	3.17	3.95	(4.42)	2.76	2.89	2.79	2.13	3.08	
June	2.68	3.97	1.37	4.72	3.05	2.72	1.84	3.17	3.35	3.97	
July	2.95	4.09	6.98	5.44	2.10	8.36	5.86	5.54	5.52	4.97	
August	6.95	5.30	5.44	5.03	(2.03)	6.96	6.03	4.77	1.35	4.06	
September	5.60	4.74	8.33	8.83	(4.59)	4.93	5.66	6.90	2.35	4.56	
October	1.24	5.81	6.16	11.40	4.98	5.53	6.07	5.14	8.82	4.43	
November	11.71	4.27	7.08	11.26	4.59	3.21	3.53	2.78	7.34	10.70	
December	10.42	6.01	5.91	11.80	8.23	9.03	8.05	6.58	10.37	6.98	
TOTALS	51.34	54.21	54.48	81.06	45.08	54.16	62.38	55.99	57.52	62.91	
	w	w	w	w	w	w	w	w	np	np	

1951-1958. q. battered but watertight. o/s N - Spruce elev 40° ale E-S-NW  
 move 200' NNW into hollow 1959 np check and low. 1960 np check

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference 25437977

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-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ —	✓ —	✓ —	✓ —	✓ — last W. 16-80