

RAINFALL at Loch Laggan, Ardverikie.County of InvernessObserver B.S. Meek, Esq., B.E.River Basin Lochy - Left Bank Tribut NoS. Fraser factor to L.J. Cameron, Bar.  
(1914)Snouden Rain Gauge, by Cornhill (Edinb.)

with 2" deep funnel. Copper bottom can - no bottle. Brass funnel no riv.

500  
500  
495  
500  
10  
12Glas -013 -103 -201 -303 -401 -510 Suggested new one.

Diameter ...										5	
Height .....										0-6	
Altitude ...										860	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...							(5.10)	(4.40)	(4.50)	3.68	(4.20) (1820)
February ...							(5.30)	(12.5)	8.25	.55	(1.80) (7465)
March .....							(2.00)	(3.70)	1.10	2.70	(5.40) (1240)
April .....							(1.20)	(2.90)	1.33	2.09	(4.65) (1135)
May .....							(2.30)	(2.55)	2.11	1.30	(1.25) (1040)
June .....							(2.85)	(3.80)	2.13	4.90	(5.70) (1390)
July .....							(7.00)	(2.15)	3.89	.50	(.70) (1685)
August .....							(4.65)	(6.80)	2.42	2.90	(3.15) (1920)
September...							(2.70)	(4.35)	6.80	4.25	(5.40) (2200)
October ...							(12.00)	(8.50)	6.00	1.40	(3.15) (2935)
November ..							(7.40)	(8.90)	3.31	5.30	(7.40) (3055)
December...							(5.30)	(3.50)	2.27	7.38	(7.70) (2115)
TOTALS ...							(58.50)	(52.50)	(44.11)	37.83	(50.00) (22000)

1918 gage estimated.

Expedited C.A. 31.10.20

on high knoll with high 300 yds S. of house.  
wood to triangular lawn in front. 150 yds S. of house.  
sheltered by forest & trees on all sides 100 yds or more away.

approximating C.A. No. 5694 by

using factor of 1891-1916 average  $\frac{540}{29.9} = 18.06$ 

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Lulloch</u>	<u>10 1/2 mi</u>		<u>Laggan</u>	<u>8 mi</u>	

RAINFALL at Loch Laggan, ArdsverkieCounty of InvernessObserver Sir J. F. Ramsden Bt. A. MackayRiver Basin Lochy - Left bank tribe 16.Snowdon Rain Gauge, by Lennie

Diameter ...	5"			5								
Height .....	0 6	3	0 8	0 6								
Altitude ...	860	820	830	825						820		
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	
January ...	5.00	12.00	6.00	10.40	4.20	7.35	9.15	11.00	12.50	1.40	11.15	9015
February ...	9.50	2.60	9.50	6.90	3.75	8.00	5.40	2.35	9.00	1.55	1.45	5900
March .....	4.00	10.20	6.00	1.75	5.5	3.65	9.50	2.60	7.00	1.20	3.34	4979
April .....	3.50	2.00	4.00	2.60	2.70	5.65	2.50	6.70	2.25	2.80	1.40	3610
May .....	4.25	4.25	7.00	3.50	3.50	6.10	3.00	5.10	1.40	4.65	2.50	4525
June .....	1.25	1.00	2.00	3.10	3.45	85	2.65	4.50	4.85	2.50	2.30	2845
July .....	3.00	2.75	3.20	4.00	5.00	2.00	4.20	5.20	3.70	3.30	2.58	3893
August .....	4.60	3.25	3.10	5.85	4.75	1.80	4.15	4.10	6.20	5.25	5.71	4876
September...	4.40	4.00	2.70	5.61	7.50	3.25	6.30	7.10	3.20	4.00	3.84	5190
October .....	4.25	3.50	3.70	11.00	4.35	4.60	5.65	6.00	6.25	9.25	8.35	6690
November...	6.25	3.50	3.80	6.15	3.00	1.65	6.85	4.85	8.65	8.20	8.42	6002
December...	4.75	12.20	9.70	5.60	11.35	7.50	5.00	1.35	6.35	11.40	6.62	8182
TOTALS...	54.75	61.25	60.40	66.40	54.10	51.40	64.35	60.85	71.35	55.50	50.66	65707

1920 Gauge moved 2<sup>nd</sup> nov. 18'0 yds N. Inspected G.S. 31 x 20. See last sheet  
House 80 ft high 100 yds N.

Depth

Position of Station on reduced Ordnance Survey } 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
1920	56° 57'	4° 27'	Gullochs	9 mi	N	Laggan	6 1/2 mi	E

RAINFALL at Loch Laggan (Ardaraire)County of InvernessObserver Sir J.F. Ramsden, Bt.River Basin 16-Lochy - Left Bank

Type of Gauge.....

Annual Average 54.0 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref 5

Diameter	5.										
Height	0.6.							1.0			
Altitude	830.					838					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	8.09	2.46	8.49	9.85	2.81	2.55	12.81	11.29	5.31	1.12	7478
February	10.15	.06	6.51	1.96	3.69	1.77	3.84	6.15	9.96	1.72	4481
March	2.74	2.87	2.82	3.49	1.43	2.23	1.83	9.89	5.44	3.48	3655
April	6.24	5.81	3.47	2.60	2.47	1.32	.63	1.57	3.37	3.91	3089
May	9.76	3.37	1.46	2.37	.80	1.16	1.68	2.94	.87	1.49	2589
June	3.36	.82	1.44	1.25	4.21	1.97	1.05	5.92	2.05	1.42	2349
July	4.02	4.86	2.34	1.55	1.70	4.50	2.35	4.04	4.94	6.65	3698
August	1.87	2.63	3.23	1.93	3.83	3.57	3.38	2.57	1.76	3.60	2837
September	2.54	5.24	1.39	3.88	8.01	3.54	3.16	5.06	1.89	2.94	3765
October	5.44	8.48	6.45	7.64	13.80	9.16	2.39	10.54	2.79	6.07	7276
November	8.34	8.82	2.73	1.28	5.29	4.37	.66	13.33	8.00	8.53	6139
December	8.15	6.99	0.74	7.00	1.92	11.91	1.89	7.28	2.26	6.77	5491
TOTALS	70.74	61.91	40.06	44.80	49.96	48.05	35.67	80.58	49.00	47.70	52647

1931 up. unreliable

1936. Trees 40 ft. high 30 ft. S. & 40 ft. E.  
House 90 .. " 80 .. N.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
1938			Gulloch	10 mi	N.	Laggan	7 mi.	E.



Station No. 5740

RAINFALL at Loch Laggan (Ardvenkie)

41

County of Inverness

Observer Sir J. F. Ramsden, Bt.

River Basin 16 - Lochy - half Bank

Type of Gauge

Annual Average 54.2 in. based on 13 years obs. un-weighted. Period of average 1881 - 1915. Ref. S

File No.

Diameter	5"				694	088					
Height	1' 0"					1				6"	
Altitude	838'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	0.51	4.74	6.38	10.53	5.52	7.09	5.97	6.68	11.23	5.91	64.56
February	4.89	2.12	8.24	4.53	9.90	5.53	0.21	6.63	9.78	8.33	60.16
March	1.63	1.39	5.17	2.43	6.15	1.97	1.88	7.22	3.44	4.43	35.61
April	2.11	1.68	7.15	2.97	1.52	2.14	(13.19)	4.49	5.98	5.70	46.93
May	2.26	3.65	3.58	4.68	4.34	1.43	2.41	2.25	3.17	1.50	29.27
June	.86	2.03	4.66	5.58	5.55	3.34	4.14	3.53	1.52	3.02	34.23
July	3.26	2.51	2.42	1.52	1.84	6.12	3.62	3.31	1.85	4.47	30.92
August	5.66	5.07	4.16	3.12	2.01	2.81	0.00	7.10	5.09	4.77	39.79
September	1.98	6.53	4.94	3.74	6.37	5.78	6.85	6.39	2.23	9.52	54.33
October	6.55	8.69	10.41	5.68	3.66	4.0	2.68	7.68	5.43	4.86	59.04
November	7.05	2.08	4.61	7.07	.67	4.93	(11.08)	4.16	4.79	5.33	51.77
December	6.96	9.63	4.01	8.33	7.01	5.25	2.19	8.97	13.97	4.05	70.37
TOTALS	43.62	50.12	65.73	60.18	54.54	46.79	54.22	68.41	68.48	64.89	576.98
	D	D	D	D	D	D	D	D	D	D	

1907 Noted as Aug - Sept. Readings copied from Lochaber returns. April & Nov. adj. ref. in situ.  
 1950 July corrected for misplaced readings. Engineer agrees but observer does not agree.

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

RAINFALL at Loch Laggan (Ardverikie) Station No. 5740  
 County of Inverness Observer Lieut. Ramsden BSc  
 River Basin Lochy - Left Bank - 16  
 Type of Gauge .....

51

Annual Average 54.0 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref. S  
56.64 " " " 35 " " 1916-1950 1916-1950 P  
 File No. ....

Diameter ...	5"				694	088						
Height ...	6' 6"					1						
Altitude ...	838'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	5.66	5.31	6.04	6.60	4.88	5.54	9.93	5.25	2.73	5.54		
February ...	3.88	2.89	3.87	4.17	4.68	3.86	6.36	3.30	2.87	4.01		
March ...	3.52	3.00	2.23	3.94	1.10	3.47	4.78	2.78	3.74	1.40		
April ...	3.20	2.91	3.41	2.26	2.14	2.82	1.22	2.71	4.77	7.13		
May ...	1.04	3.14	3.39	4.61	3.43	4.83	1.61	4.27	1.67	1.14		
June ...	2.09	3.62	2.54	3.58	1.78	3.57	2.98	1.60	3.55	2.79		
July ...	3.56	2.47	4.85	2.46	0.53	5.14	5.77	4.54	5.52	2.56		
August ...	5.18	3.33	3.31	3.92	1.26	6.17	6.19	3.68	3.31	5.05		
September ...	3.02	4.42	5.40	6.89	6.85	6.59	3.97	5.60	1.05	4.00		
October ...	1.49	7.11	4.16	10.03	7.44	5.84	6.58	6.19	8.19	2.67		
November ...	8.04	3.44	9.03	9.51	1.86	5.42	1.94	0.95	4.84	5.44		
December ...	9.48	6.83	7.51	15.17	2.69	11.03	7.44	6.01	5.98	6.43		
TOTALS ...	50.16	48.47	55.74	73.14	47.64	63.98	58.77	46.88	49.22	48.16		
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference NN1271 508876

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	C 19B	✓	✓	✓	
	-	-	D 82-40	✓ d 47	