

RAINFALL AT *Loch Ness Foyers*

Lat. _____

Lon. _____

County of *East Inverness*

Rain Gauge, by _____

Observer *British Aluminium Co*
W Murray Morrison Esq

less - 6.

Diameter							5		8		
Height									20		
Altitude							70		52		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							3.34	1.19	3.38	4.41	
February							1.64	2.98	5.54	1.95	
March							4.46	3.16	2.94	2.95	
April							2.25	1.83	2.16	3.01	
May . . . . .							.77	2.41	2.67	1.62	
June							3.55	2.91	2.28	1.00	
July							2.19	2.20	1.10	1.88	
August							1.84	3.39	3.39	.60	
September . . .							4.30	3.75	3.22	5.75	
October							6.55	1.76	4.68	3.50	
November							1.14	1.98	4.31	5.65	
December							2.80	7.05	8.70	3.10	
TOTALS							34.83	34.61	44.37	35.42	

1898 Bolestone & Abotsapp Church 2 miles 5

1899 B

RAINFALL AT *Loch Ness, Foyers*

Lat. Lon. County of *East Inverness*
 Rain Gauge, by Observer *W. Murray Morrison Esq*
British Aluminium Co
E. C. Scotland Cl.
Ness, R. Bank - 6.

Diameter ..	8										
Height	1 6										
Altitude ..	52						55				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.51	3.28	3.67	5.20	3.80	3.73	9.43	3.23	4.61	6.23	4.879
February ..	1.40	2.10	.74	7.26	2.32	4.97	4.19	5.47	3.90	1.71	3.406
March	1.07	3.27	3.30	8.63	1.38	3.96	3.99	3.52	6.81	1.38	3.731
April	3.45	1.52	1.79	1.86	6.10	1.45	2.40	1.22	1.45	2.38	2.362
May	1.15	1.03	2.30	2.65	2.94	2.09	3.62	2.40	2.07	2.66	2.291
June	2.25	2.33	2.06	2.02	1.84	1.31	.66	3.79	1.85	1.36	1.947
July	4.44	1.18	1.51	4.56	1.38	2.17	2.95	1.63	2.10	2.54	2.446
August	3.15	2.28	1.14	3.57	4.50	2.79	3.31	3.74	3.68	2.40	3.056
September ..	3.00	1.51	1.18	3.23	2.78	2.41	1.28	1.08	6.04	1.55	2.406
October	4.25	1.04	2.57	6.44	2.10	3.15	5.75	2.57	1.02	6.14	3.503
November ..	3.63	2.60	.66	4.27	2.43	4.31	4.59	2.89	3.46	2.90	3.174
December ..	10.41	6.00	4.72	1.86	5.26	3.12	3.46	4.30	5.00	2.67	4.680
TOTALS ..	43.71	28.14	25.64	51.55	36.83	35.46	45.63	35.94	41.99	33.92	37.881

1900 Boleskine Church ² miles ^{SS E} SE
 1904 Fort Augustus Station ^{10 1/2} miles ^{SS W} SSW
 Factory 35 ft high 200 yards SE

RAINFALL at Loch Ness, Foyers

5705

County of Inverness Observer British Aluminium Co.River Basin Ness, right bank trib. 6

42 Kellon

Rain Gauge, by _____

Diameter ...	8											
Height	1 6											
Altitude ...	52T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	31-05 16-19	
January ...	6.22	1.57	1.63	1.61	6.73	3.07	8.18	4.00	2.78	2.64	17.90	
February ...	3.51	5.03	2.12	6.03	4.20	2.34	6.94	.34	5.82	.82	13.92	
March	2.10	3.10	2.84	6.68	3.03	2.18	1.13	3.14	.87	2.92	8.06	
April	5.52	1.94	1.63	2.45	2.99	4.77	2.52	2.06	1.22	4.40	10.20	
May	3.08	1.40	1.36	1.73	3.59	1.35	3.46	1.65	2.49	.55	8.15	
June	1.43	2.15	3.53	3.56	1.46	.47	4.62	2.34	1.51	3.39	11.86	
July	3.68	1.01	2.18	1.52	2.37	3.70	4.83	1.58	4.75	.70	11.86	
August	3.24	2.45	4.60	1.41	2.56	2.58	2.83	3.96	2.60	2.67	11.56	
September ..	.72	2.42	1.91	2.07	1.52	3.44	1.67	3.96	5.56	3.04	14.23	
October ...	.72	2.55	3.76	2.27	.81	1.19	7.10	5.91	4.78	1.71	19.50	
November ..	4.56	7.83	4.39	5.35	6.16	3.14	4.41	6.48	4.44	5.91	21.24	
December ...	2.83	3.74	11.27	4.95	7.42	3.49	3.97	2.64	3.69	4.10	14.30	
TOTALS ...	37.61	35.19	41.22	39.63	42.84	31.72	51.46	37.96	40.51	32.85	162.78	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911. 17	57.13	4.27 S	Fort Augustus	10 mls 12 m	SW. NW	Boleskine	5 mls 3 mls. 4 m	(1912) SE. S

RAINFALL at Loch Ness, FoyersCounty of InvernessObserver British Aluminium Co. Ltd
H.D. SheltonRiver Basin Ness - Right bank tribs. 6.Glaisher Rain Gauge, by (25)

Diameter ...	5			8							
Height	1 0			1 6							
Altitude ...	52			52							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	6.04	9.14	2.77	8.07	3.68	6.11	4.81	7.11	9.28	1.60	7.95
February ...	10.10	1.26	6.27	2.20	1.53	5.96	2.88	1.72	5.44	1.21	5.8
March	3.86	6.22	2.92	1.67	1.54	3.65	4.81	1.54	1.78	1.59	1.61
April	2.23	.78	2.81	2.37	1.79	3.60	1.99	3.09	1.43	1.72	1.42
May	2.23	3.56	4.11	4.34	3.72	4.37	2.29	1.69	1.62	2.38	2.55
June	94	.73	1.40	1.43	2.49	.63	1.91	3.09	3.35	2.33	2.81
July	2.23	1.89	2.67	2.04	4.25	2.42	2.38	3.45	2.21	3.84	3.01
August	3.38	2.99	2.23	5.14	4.39	1.31	2.29	3.38	3.88	4.37	4.61
September...	2.94	2.31	.95	3.21	6.35	2.86	3.68	5.01	3.35	2.05	3.61
October .....	.58	3.81	3.26	5.01	2.55	2.36	3.72	4.65	5.25	5.96	5.62
November...	5.43	1.32	3.26	3.76	2.06	.92	4.15	4.10	6.56	5.49	6.50
December...	2.12	7.33	5.64	2.84	8.10	5.33	2.78	0.66	4.53	7.50	3.04
TOTALS...	42.08	41.34	38.29	41.11	41.45	39.52	37.69	39.49	48.68	37.04	48.06

65.56

38.10

28.19

23.23

28.86

20.61

30.39

37.97

36.32

40.77

43.85

49.90

44.975

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	57° 13'	4° 27' 5"	Fort Augustus	12 mi	SW	Boleskine	4 mi	E.

RAINFALL at Lock Ness (Hayes)County of InvernessObserver British Aluminium Co. Ltd.River Basin 6-New-Right Bank

Type of Gauge

Annual Average 38.2 in. based on 39 years obs. un-weighted. Period of average 1901-1915 Ref. A. W. Shaw

Diameter	8										
Height	1.0										
Altitude	52.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUNS Means
January	4.66	7.32	5.20	6.24	3.68	2.07	5.49	6.51	4.46	3.6	4.599
February	4.36	4.9	2.35	1.05	7.08	2.08	3.39	3.88	4.86	1.15	3.069
March	9.6	3.11	9.2	4.41	1.93	1.33	1.97	3.79	3.30	2.07	2.379
April	2.55	4.73	2.15	6.00	2.66	1.29	1.86	1.83	2.27	2.24	2.554
May	4.75	3.60	1.12	2.94	1.13	1.14	1.25	2.78	1.97	1.22	2.090
June	3.00	1.18	1.78	1.95	3.27	1.24	1.31	4.21	1.42	1.06	1.942
July	4.50	4.27	2.43	3.52	1.82	4.92	3.15	4.54	5.37	8.27	4.149
August	1.52	1.38	2.58	2.05	3.53	1.92	3.65	1.97	1.74	1.30	2.169
September	1.44	3.57	9.1	3.13	5.20	3.22	4.02	3.31	1.10	1.42	2.732
October	3.81	6.70	6.02	5.78	8.41	5.18	1.99	7.50	1.60	3.73	5.072
November	3.43	6.70	1.41	9.3	4.45	2.45	5.6	7.98	4.65	4.90	3.746
December	4.32	5.28	5.0	3.09	1.13	7.91	1.17	3.96	2.00	4.27	3.363
TOTALS	39.30 D.	47.33 D	27.37 D	41.09 D.	43.33 D	34.75 D	28.81 D.	51.26 D	33.74 D	31.99 D	3.789

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
			St. Augustine	12	S.W.	Boleskine	4.11	S.

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

Station No. 5705

RAINFALL at Loch Ness (Foyers)

41

County of Inverness

Observer British Aluminium Co. Ltd.

River Basin b - Ness Right Bank

Type of Gauge Glaisher

Annual Average 38.2 in. based on 39 years obs. un-weighted. Period of average 1881-1915 Ref. A.M. Sheet

File No.

Diameter	8"									8	
Height	1' 0"									1-0	
Altitude	52'									60'	
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Sums Means
January	0.78	2.70	2.48	5.20	3.66	3.83	3.07	3.95	7.66	3.75	37.08
February	2.26	1.90	4.84	2.66	5.22	3.76	2.28	4.53	5.55	5.30	36.30
March	1.11	6.2	4.08	2.10	3.24	1.52	1.87	3.48	2.64	2.43	23.09
April	1.36	1.58	3.04	2.30	1.05	1.58	7.20	3.48	2.56	5.34	29.49
May	1.98	1.96	2.58	3.05	3.01	1.71	2.05	3.78	2.18	1.39	23.69
June	.43	1.14	2.69	3.27	2.76	3.39	3.81	4.86	1.21	2.58	26.14
July	2.64	(2.60)	2.39	1.86	1.80	5.08	2.86	5.25	1.09	2.51	28.08
August	3.82	(3.70)	3.22	1.78	2.12	2.36	.51	7.91	4.88	3.72	34.02
September	1.20	4.70	2.16	4.65	3.15	5.49	(4.94)	4.42	1.53	6.54	35.78
October	3.90	5.45	4.83	4.11	3.02	.41	2.30	4.47	2.77	4.44	35.67
November	4.15	1.55	3.68	4.30	.32	2.72	8.42	4.93	2.90	5.09	38.06
December	4.82	4.98	2.19	4.64	3.43	2.77	2.00	5.28	11.06	2.95	44.12
TOTALS	28.45	(32.88)	38.18	39.42	32.78	34.62	39.31	56.34	46.03	46.01	394.52

1942 July and Aug. 1941

1947 Gauge on foot. Found to be leaking at funnel. New one fitted 21.11.47 and taken after repairs replaced 24.11.47. Sept post est. of gauge no. 2.

31/3/1950 Gauge moved 150 yds E on 31/3/50

Factory 50' high 250' S. Shop 20' high 250' S. Post Office 15' high 200' S.E.

1950 Feb. 11-19 Est. as gauge was flooded

00604

00104

To be moved away from flood danger 1957

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.
1941			Fort Augustus	12m.	W.	Boleskine	4m.	S.
1950			Inverness	30m.	N.E.	Boleskine	4m.	S.E.

BRITISH RAINFALL ORGANIZATION

Station No.

5705/1

RAINFALL at *Loch Ness (Foyers)*

gauge ②

41

County of

Inverness

Observer

British Aluminium Co. Ltd.

River Basin

Loch Ness - Right Bank

Type of Gauge

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

File No.

Diameter	5										
Height	1.0										
Altitude	52										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January		2.54	2.35	5.11	3.65	3.65	2.68	3.62	7.29	3.49	
February		1.74	4.52	2.63	5.07	3.63	2.6	4.09	5.32	5.07	
March		.55	3.01	2.07	3.09	1.50	1.73	3.21	2.46	2.19	
April		1.47	2.65	2.04	.99	1.46	6.88	3.12	2.37	#	
May		1.89	2.47	2.75	2.80	1.64	1.84	3.59	2.00		
June		.98	2.58	3.07	2.61	3.03	3.25	4.49	1.16		
July		2.41	2.29	1.85	1.74	4.75	2.57	4.79	.97		
August		3.39	2.97	1.61	2.04	2.24	.51	7.26	4.50		
September	7.17	4.65	1.98	3.97	3.04	4.91	4.62	3.89	1.35		
October	3.60	5.21	4.65	4.00	2.81	.41	2.03	3.59	2.49		
November	3.87	1.48	3.56	4.23	.28	2.80	7.35	4.40	2.66		
December	4.01	4.71	2.07	4.57	3.35	2.30	1.75	4.85	10.45		
TOTALS	--	31.02	35.90	37.90	31.47	32.32	35.47	50.90	43.02		
	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	n.p.	

Gauge moved from 5703/1 Loch Ness (Foyers, Stronachair)

1942 n.p. check.
 1943 n.p. check.
 1944 n.p. check.
 1945 n.p. check.
 1946 n.p. check.
 1947 n.p. check.
 1948 n.p. check.
 1949 n.p. check.
 1950 Reading on 5" gauge read 3/3/50.

Not used for 41-70 averages
 2"-5" low
 20W
 4/77

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
1942			Ft. Augustus	12 m.	W	Goleen	4 m.	S.
1947			Inverness	20 m.	NE		3 m.	S.
1948			Ft. Augustus	12 m.	W	Goleen	4 m.	S.

BRITISH RAINFALL ORGANIZATION

Station No. 5705

RAINFALL at Lochness (Foyers)

51

County of Inverness

Observer British Aluminium Co. Ltd.

River Basin Cress - Right Bank

Type of Gauge Glaisher

Annual Average 38.2 in. based on 39 years obs. un-weighted. Period of average 1881 - 1915 Ref. A.W.S.

39.60 " " 35 " " 1916-1950

File No. 1916-1950 P

Diameter ...	8"										
Height ...	1'0"										
Altitude ...	60'	52			51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.05	4.59	2.34	3.25	1.70	3.14	6.18	2.91			
February ...	2.85	1.82	2.83	2.50	2.97	2.94	3.29	700			
March ...	1.96	1.84	1.98	2.37	.90	1.72	3.47				
April ...	6.46	1.36	3.15	1.77	1.19	2.52	1.26				
May ...	0.86	2.66	3.88	3.99	3.02	2.98	1.70				
June ...	2.30	2.33	4.37	2.15	1.15	2.16	1.87				
July ...	4.19	2.20	4.91	2.78	.74	5.65	6.11				
August ...	5.77	4.63	2.96	2.38	.53	7.76	4.84				
September ...	1.74	3.51	2.86	3.74	3.65	4.90	2.56				
October ...	1.40	4.19	1.06	7.23	4.61	4.62	4.23				
November ...	3.43	2.65	5.52	4.42	.72	3.00	2.00				
December ...	7.05	3.82	4.88	9.10	6.65	6.92	6.82	100			
TOTALS ...	43.06	35.60	40.74	45.65	27.73	48.31	44.33	100			
	D	D	D	D	D	D	D	n.p.			

185 Oct 1856. In poor condition. Steps between rim and main body. If in level ground in
 now bank few yards to S.W. R.R. more few yards S.W. into hollow
 Now in N.W. of road.

1958 n.p. in T.

1960 Terminated. March in S/W 5705/1

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 29497212

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
	✓	✓	✓	✓	
		D 26-30 4.85	✓	✓	✓ but d 42.47

Station No. 5705/1

RAINFALL at Loch Ness (Foyers) new site

51

County of INVERNESS

Observer British Aluminium Co., Ltd.

River Basin NESS, Right Bank - 6

Type of Gauge

Annual Average 36.7 in. based on years obs. un-weighted. Period of average 41-50 also has this number. Ref.

File No.

Diameter ...							5"		803	539	
Height ...							1' 0"			1	
Altitude ...							52'			51	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...							-1.00	2.60	2.91	3.64	
February ...							*-1.00	2.45	1.73	2.42	
March ...							3.16	1.15	1.38	0.73	
April ...							1.04 4.04	2.80	3.13	2.72	
May ...							1.55	3.76	1.33	.77	
June ...							1.71	1.37	2.59	2.33	
July ...							5.86	3.38	2.80	2.39	
August ...							4.48	4.11	2.36	5.26	
September ...							2.22	2.66	0.67	2.25	
October ...							3.95	5.37	4.99	1.70	
November ...							1.85	.88	5.33	2.59	
December ...							6.60	3.63	4.63	5.66	
TOTALS ...							-1.00 4.00	34.16	33.85	32.46	
								D.	D	D	

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 58/492213

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60