

RAINFALL AT *Loch Ness Aberchaldor*

Lat. _____

Lon. _____

County of *East Inverness*

ness - 6.

Rain Gauge, by _____

Observer

*British Aluminium Co
W Munro Morrison Esq*

Diameter . . .									5		
Height									10		
Altitude . . .									665		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . .								(1.70)	3.28	3.34	
February . . .								2.46	4.59	1.63	
March								2.47	2.25	2.30	
April								1.50	1.96	3.52	
May								2.06	2.86	1.65	
June								3.24	1.49	.92	
July								2.36	2.03	3.19	
August								3.31	2.73	.96	
September . .								2.53	2.76	5.11	
October								1.88	3.13	2.47	
November . . .								1.94	2.98	4.85	
December . . .								5.12	7.67	2.72	
TOTALS								(30.57)	37.73	32.66	

1897 Gauge started in February 1.70 is the average for January
1899 Baleskine Church 3 miles W

RAINFALL AT *Stratherrick, Aberchalder Lodge*

Lat.

Lon.

County of *Inverness*

Rain Gauge, by

Observer

W. Murray Morrison Esq
British Aluminium Co
E. E. Geddes Esq. Cl.

less, R. Bank - 6.

Diameter ..	4				5						
Height	10										
Altitude ..	700										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.34	1.50	2.92	6.08	3.29	2.68	5.61	2.49	4.05	3.28	
February ..	.76	3.38	1.81	6.35	2.05	2.65	2.61	2.49	3.25	2.05	
March		2.85	2.68	6.75	1.05	4.71	4.03	3.13	7.18	1.70	
April	2.97	2.95	1.62	1.49	4.68	1.42	2.61	1.91	1.76	1.69	
May	1.25	.90	3.54	2.50	3.05	2.31	3.74	2.31	1.50	2.25	
June	1.45	3.28	2.59	1.84	1.92	.84	.95	3.69	1.72	1.08	
July	5.46	2.38	2.13	3.67	.88	1.94	1.84	1.69	2.72	3.50	
August	3.11	3.03	2.83	2.68	4.62	3.52	3.47	3.27	3.70	2.58	
September..	2.08	1.26	1.38	3.91	2.51	1.97	1.55	1.02	6.60	2.40	
October	3.41	2.62	2.40	6.16	1.46	3.45	6.99	3.27	.80	6.20	
November..	2.71	2.28	.68	3.21	2.28	4.87	4.21	3.75	2.40	2.10	
December ..	6.45	5.66	4.52	1.35	3.99	2.52	2.46	2.06	3.00	2.60	
TOTALS ..	32.99	32.12	29.10	45.99	31.78	32.88	40.07	31.08	38.68	31.43	

1900 March & December Unreliable

Boleskine Church 3 miles W.S.W.

1904 Fort Augustus Station 13 S.W.

RAINFALL at Loch Ness, Aberchalder

5706

County of Inverness Observer British Aluminium Co.River Basin Ness - right bank tribs. 6. H. H. M. J. J.

Rain Gauge, by _____

Diameter ...	5					8						
Height	10											
Altitude ...	700T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	3448 Mean 16-19	
January ...	3.20	1.96	1.86	1.14	4.56	3.14	5.47	2.58	3.00	2.38	13.43	
February ...	5.30	3.79	3.66	4.68	2.73	2.62	4.22	2.04	4.26	.85	11.37	
March	1.61	2.48	2.30	4.63	3.50	2.57	1.66	2.19	.83	2.23	6.91	
April	5.96	1.94	1.56	2.44	1.78	3.66	2.82	1.85	1.32	4.18	10.17	
May	2.15	1.34	1.43	2.14	4.24	1.30	3.95	1.60	3.15	.61	9.31	
June	2.71	3.73	3.19	3.03	1.71	.39	5.54	2.80	1.84	3.26	13.44	
July	4.20	1.08	2.72	1.29	2.46	3.78	3.39	1.70	3.99	1.30	10.38	
August	2.67	1.86	4.79	2.16	2.40	3.21	2.52	4.37	2.36	2.73	11.98	
September ..	.63	2.65	1.39	2.11	1.38	3.98	1.81	3.38	4.88	2.71	12.78	
October ...	1.01	2.41	3.23	1.66	1.14	1.27	5.43	5.03	4.61	1.79	16.86	
November ..	6.00	6.09	3.37	4.18	5.27	3.18	4.71	4.14	3.97	5.69	8.53	
December ...	2.25	3.29	7.86	4.97	6.70	4.58	3.69	2.22	2.94	3.51	12.36	
TOTALS ...	37.69	32.62	37.36	34.48	37.87	33.68	45.21	33.92	37.15	31.24	147.52	

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Fort Augustus	12 mls (1912) 15 mls.	W.	Boleskine	3 mls.	W.

RAINFALL at Loch Ness, AberchalderCounty of InvernessObserver British Aluminium Co. Ltd.River Basin Ness - Right-bank tribe 6.Glaisher's Rain Gauge, by
(125)

Diameter ...	8			8								
Height	1 0			1 0								
Altitude ...	700			700								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN:	
January ...	5.15	5.89	2.35	6.25	2.45	5.53	4.29	6.61	8.99	.83	6.34	54.68
February ...	5.34	1.26	4.50	2.41	2.01	6.72	2.49	1.10	5.50	.22	.75	32.30
March	3.92	4.54	2.30	.67	.56	4.71	3.33	1.47	2.51	.57	1.48	26.06
April	2.49	.92	3.76	2.16	1.55	3.84	2.18	3.58	1.46	2.13	1.64	26.01
May	1.52	2.87	4.25	4.61	4.93	4.46	2.65	2.61	2.43	2.55	2.29	35.57
June .....	.56	.88	2.00	1.36	1.87	.78	2.54	3.56	2.45	2.22	2.48	21.00
July	2.66	1.61	3.39	2.40	3.68	4.07	2.43	2.77	2.44	3.59	3.28	32.65
August	3.57	2.30	2.85	4.87	6.52	1.46	2.84	3.62	3.49	4.17	2.77	38.76
September...	3.40	2.28	1.39	3.67	5.65	3.83	5.27	5.75	4.53	1.40	3.99	41.16
October	1.16	3.17	2.79	5.05	2.51	1.89	4.83	5.79	5.52	6.05	5.59	44.35
November...	3.88	1.32	2.43	3.15	1.77	1.16	4.60	4.94	5.56	4.22	6.80	38.13
December...	1.74	4.66	4.61	3.02	7.42	4.17	2.86	0.98	4.43	7.08	2.93	43.90
TOTALS...	35.39	31.70	36.62	39.62	40.92	42.62	40.31	42.78	51.14	35.13	40.84	436.57

1922 Gauge moved 1.11.22. 300 yds N.E.

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
1925	57° 13'	4° 27' 5"	Fort Augustus	12 mi	W	Poleskine	3 mi	W.
			"	15 mi	W	"	5	W.

RAINFALL at Loch Ness (Aberchaetler)County of InvernessObserver British Aluminium Co. Ltd.River Basin 6- Ness - Right Bank

Type of Gauge.....

Annual Average 49.5 in. based on 14 years obs. un-weighted. Period of average 1881-1915. Ref. P.G. 408
(39.4 in. next book) computed vii/37

Diameter	8.											
Height	1.0											
Altitude	700.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS	Means
January	3.69	7.95	5.20	7.03	3.68	3.42	7.33	6.54	5.57	.73	51.14	
February	4.27	.75	3.36	1.00	7.18	2.38	4.69	3.11	4.64	1.72	33.09	
March	1.25	3.27	1.46	4.87	2.21	1.24	3.42	3.15	3.44	2.93	27.24	
April	2.67	4.42	3.42	7.73	3.62	1.97	.50	.87	2.84	2.53	30.57	
May	3.71	2.85	1.27	3.68	1.48	1.31	1.57	2.34	1.44	1.67	21.85	
June	2.68	.38	1.60	1.76	3.08	1.26	1.92	3.20	1.56	1.22	18.66	
July	4.76	5.02	2.32	3.58	1.19	4.12	3.84	4.35	4.99	9.35	43.52	
August	2.63	1.35	2.66	2.47	4.42	2.78	4.80	2.05	1.94	2.05	27.15	
September	1.63	4.42	1.12	2.88	5.95	3.77	3.68	4.06	1.40	2.19	31.40	
October	3.34	8.66	6.81	6.26	8.75	4.19	2.22	7.02	2.24	4.20	53.69	
November	3.28	5.87	1.31	1.61	4.99	2.85	.60	7.68	4.77	6.57	39.53	
December	4.24	4.88	0.30	3.45	1.51	7.75	1.47	3.93	2.45	4.95	34.93	
TOTALS	38.15	49.85	36.82	46.32	48.06	37.04	36.04	48.80	37.58	40.11	412.77	

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 from gauge	Parish Church	Distance from gauge	Direction from gauge
1936			Fort Augustus	15 mi.	W.	Bodespine	5 mi.	W.

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

RAINFALL at Invergarry (Aberchalder Lo.) Station No. 5701/6/5 41
 County of Inverness Observer R. Ellice Esq.
 River Basin G. Ness- Right Bank
 Type of Gauge.....

Annual Average 47.9 in. based on 5 years obs. unweighted. Period of average 1881-1915 Ref. J.W.S.

File No.

Diameter	5"			799	900						
Height	7"				1						
Altitude	180'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(0.50)	3.83	6.91	8.07	(4.28)	7.64					
February	(4.09)	2.33	6.24	3.01	9.26	3.65					
March	1.25	1.08	4.56	2.93	5.44	2.24					
April	1.75	1.54	6.62	3.16	1.09	3.08					
May	1.49	2.18	2.67	5.27	4.01	1.12					
June ....	.79	1.62	3.66	3.87	5.32	5.69					
July	3.72	2.42	2.53	1.08	1.67	5.69					
August	5.22	5.32	4.07	2.17	1.09	3.57					
September	1.52	6.73	3.96	3.69	4.29	5.47					
October	4.65	9.20	9.29	4.79	2.50	.21					
November	5.87	2.60	3.87	6.78	78	3.61					
December	6.97	9.00	3.29	5.71	6.14	5.54					
TOTALS	(37.73)	47.85	57.67	50.53	45.87	47.51	NR.				

1941 removed from Loch Loch
 7' Greenhouse 26' W.

Jan. & Feb. cold for nearby stations

1945 Jan. part est'd. for snow. 1947 N.R.

21.2.45. Terminated. Machine broken, neither Capt. Maclean or Mr Ellice will buy new one.

60004

Average (47.9) rounded 1946

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			Aberchalder	$\frac{1}{2}$ m	N. E.	Invergarry	3 $\frac{1}{2}$ m	W

RAINFALL at loch Ness (Aberchaldor) Station No. 5706

41

County of Inverness Observer British Aluminium Co. Ltd.River Basin 6- Ness- Right Bank

Type of Gauge

39.48Annual Average 32.2 in. based on 14 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S (1943 new)

File No.

Diameter	8"			803	320						
Height	1'0"				1						
Altitude	700'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SMS Means
January	134	286	2.75	535	3.71	3.40	2.79	4.18	5.72	3.74	35.84
February	298	223	5.05	3.16	5.48	3.82	.61	4.45	4.69	5.72	38.19
March	180	77	3.96	2.37	2.76	2.02	2.22	3.55	2.61	2.03	24.09
April	128	169	3.98	2.46	1.18	1.74	8.19	3.30	2.76	6.14	32.72
May	228	228	3.73	3.79	4.03	1.68	2.54	4.24	2.87	1.22	28.16
June	0.58	106	3.66	3.78	2.95	3.79	3.90	6.77	1.47	2.66	30.62
July	251	318	2.46	1.49	2.11	5.45	2.57	4.73	1.09	2.43	28.02
August	560	467	2.10	1.84	1.77	3.89	.54	6.69	5.76	3.80	36.66
September	126	524	2.40	4.03	3.25	5.84	4.65	3.85	1.69	7.08	39.29
October	430	677	4.38	4.98	3.56	.35	1.63	3.02	2.95	4.01	35.95
November	497	204	3.65	5.98	.45	3.04	7.83	4.26	3.02	5.49	40.73
December	500	534	2.78	4.99	4.00	2.75	2.22	4.69	10.12	2.98	44.87
TOTALS	3390	3813	40.90	44.22	35.25	37.77	39.69	53.73	44.25	47.30	415.14

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			Ft Augustus	15 m	W.	Boscastle	5 m	W.
1947			Dingwall	20 m	NE	"	"	"

BRITISH RAINFALL ORGANIZATION

Station No. 5701/6/5

RAINFALL at Invergarry (Aberchaldar Lodge)

51

County of Inverness

Observer N. of L. Hydro Electric Board

River Basin 6 - near Right Bank

Type of Gauge H.O.

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

File No.

Diameter ...	5"				799	900					
Height ...	1'0"					1					
Altitude ...	180'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	-100	4.99	3.53	5.33	2.02	3.98	7.99	3.91	3.07	4.75	
February ...	-100	2.61	2.55	2.86	4.26	2.54	3.68	2.44	2.44	3.90	
March ...	-100	1.99	1.79	2.71	1.21	2.27	4.09	1.08	2.66	.85	
April ...	-100 imp.	2.24	3.35	2.20	1.67	1.86	1.50	3.04	5.69	4.64	
May ...	0.81	2.34	4.22	4.42	2.06	3.99	.84	5.26	1.16	1.07	
June ...	2.40	2.19	1.19	2.38	2.33	1.96	1.89	2.15	4.38	2.11	
July ...	2.96	2.85	4.37	2.37	.46	4.71	4.27	3.39	5.08	(2.70)	
August ...	4.98	5.03	3.74	3.99	.78	5.40	5.05	4.07	2.52	(4.57)	
September ...	3.32	4.43	4.48	5.98	5.03	6.12	3.26	3.24	1.37	(2.69)	
October ...	2.95	6.97	1.84	9.17	4.84	4.67	5.26	5.94	7.16	.89	
November ...	5.62	2.42	9.87	5.84	.87	3.79	2.25	1.59	8.42	4.49	
December ...	(8.00)	4.71	5.02	10.21	8.07	10.41	7.53	4.39	9.15	5.61.	
TOTALS ...	-100 imp. n.p.	42.77 d	45.95 d	57.46 d	33.60 d	51.70 d	47.61 d	40.50 n.p.	53.10 d	38.27 NP	

1951 n.p. imp.

1951. 29.4.58 G. sound Very large tree few yards S - lilac bushes
overhanging gauge - very badly obs. Very steep slope to S & SW. No good
site available. An alternative found in garden to end of house - wire
nearly 5' high 9' NW, Tree NE clear 45'. Trees NE-SW clear 40'. Single tree SW
clear 770 G. was moved during visit

1958 n.p. Low.

1960 July Aug. Sept. set by A.O.C. n.p. too much wet.

00704

Position of Station on Ordnance One-Inch map: No. of Map National Grid Reference 28/245033

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

Station No. 5706

RAINFALL at Lockness (Aberchalder) 51

County of Inverness Observer British Aluminium Co. Ltd.

River Basin 6--ness-Right Bank

Type of Gauge Glashier

Annual Average 39.4 in. based on 8 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S
40.34 " " 35 " " 1916-1950 1916-1950 File No. P

Diameter ...	88"			803	320							
Height ...	1' 0"				1							
Altitude ...	700'				51	640'						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	4.73	4.27	1.74	2.90	1.99	2.82	4.82	3.34			1815	
February ...	2.99	1.62	2.00	2.23	3.85	2.86	2.96	-100				
March ...	2.16	1.70	1.80	2.39	1.24	1.61	3.80					
April ...	5.61	1.29	3.66	1.31	0.88	1.97	1.06					
May ...	1.09	2.55	3.09	4.78	3.02	2.09	1.09					
June ...	2.57	2.11	4.21	2.02	1.03	2.96	1.84					
July ...	3.24	2.34	3.80	2.80	.62	7.01	5.28				1981	
August ...	4.78	4.60	2.99	2.65	.43	8.64	5.23					
September ...	1.33	3.26	2.40	3.41	8.59	4.70	2.53					
October ...	1.48	3.73	1.17	7.05	5.81	4.36	3.31					
November ...	4.73	2.88	4.47	4.44	.89	2.71	2.59					
December ...	6.67	4.03	4.44	7.58	6.42	6.63	5.03	-100				
TOTALS ...	41.38	34.38	35.77	43.56	29.93	48.06	39.24	-100				
	D	D	D	D	D	P	D	n.p.				

1st Oct 1956. 2" gully worn out with leads between rim and funnel. 25" Tree 25' SW, 25' pole 20' N. Post fence with wire netting 3' by 1/2" from S. In slough hollow with rising ground all round. 13.11.56 10/5.
New site chosen 20' N.
Nov 1956. New G. ordered.
1958 n.p. wire T.

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 28/552201

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
	✓	✓	✓	✓	
	—	225-30 —	✓	✓	

Station No. 5706/1RAINFALL at Loch Ness (Aberchalder) n.g.

51

County of INVERNESS Observer British Aluminium Co., Ltd.River Basin NESS, Right Bank - 6

Type of Gauge.....

Annual Average 40.5 in. based on..... years obs. un-weighted. Period of average..... Ref.....

File No.....

Diameter ...				803	321		5"				
Height ...					1		1' 0"				
Altitude ...					51		700'		640		
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...							100 4.20 3.21	3.73	4.22	1596	3411
February ...							100 3.40 2.21	1.26	3.62		
March ...							3.64 2.62	1.23	0.63		
April ...							1.08	2.18	3.10	2.31	
May ...							1.09	3.01	1.86	.73	
June ...							1.86	1.54	2.79	2.24	
July ...							5.20	3.76	2.74	2.46	1416
August ...							5.54	4.99	2.31	6.71	3397
September ...							2.63	2.56	0.56	2.56	
October ...							3.64	4.23	4.39	2.17	
November ...							2.27	1.07	5.17	2.33	
December ...							4.75	4.07	4.08	4.62	
TOTALS ...							100 inc 35.45	33.22	34.60		
							D.	D	D		

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 255 3201

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