

RAINFALL AT Glenlochan Blackwater No 4

Lat. Lon. County of Argyllshire

Rain Gauge, by Observer John Lowrance,
Lock Linne, L. bank - ft. & mef) Mark Done

Diameter ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height ..											100
Altitude ..							1040?				1059
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..							16.20	5.65	10.84	8.64	
February ..							5.87	7.40	7.50	5.88	
March ..							9.16	6.54	8.79	.99	
April ..							3.90	3.32	2.18	6.31	
May ..							5.30	6.45	3.48	5.00	
June ..							1.66	6.91	4.52	1.24	
July ..							8.22	2.70	3.86	5.58	
August ..							5.60	11.60	7.61	4.60	
September ..							4.50	2.45	9.97	2.65	
October ..							10.25	4.40	2.97	14.25	
November ..							7.96	6.90	7.43	7.21	
December ..							7.04	9.10	8.91	6.89	
TOTALS ..							85.66	73.42	78.06	69.24	

RAINFALL at Glen Leven, Blackwater Hr. No. 4

County of Argyll

Observer Loch Leven Power Co.

River Basin Loch Linne - Left bank trib. 4.

British Aluminium Co., Ltd.

M 10 Rain Gauge, by James (in)

100
100
7.97
5.01

2.11.20

Elevation - 01

Diameter ...	8										
Height	1	0									
Altitude ...	1069										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MRENS.
January	10.05	6.27	4.88	12.32	11.53	8.46	17.62	3.80	8.05	5.68	
February	11.40	12.13	7.00		11.30	5.09		1.22	11.35	.55	
March	7.50	3.44	8.07	9.14	6.26	4.40		3.24	2.45	3.26	
April	9.50	7.11	8.15	6.79	7.83	6.75	5.15	3.16	1.38	6.07	
May	4.00	4.76	2.96	6.00	3.41	1.38	4.44	2.77	2.93	1.84	
June	2.35	5.20	6.36	6.59	2.88	1.47	1.37	5.31	3.78	9.23	
July	5.00	5.90	3.94	.89	2.70	4.97	4.71	2.31	5.26	1.08	
August.....	8.33	9.05	4.71	2.65	6.74	4.23	4.85	8.50	6.74	6.34	
September ..	1.74	5.55	4.05	4.01	4.71	2.10	3.22	7.61	9.49	7.90	
October ...	4.35	4.46	9.21	7.62	2.88	3.80	16.02	11.70	11.60	2.70	
November ..	2.52	11.71	33.91	13.30	13.01	3.40	11.91	16.86	10.12	6.03	
December ...	9.35	12.66		8.45	13.73	6.96	7.40	3.94	8.94	8.75	
TOTALS ...	76.09	88.24	93.24	78.80	86.98	53.01		70.42	82.09	59.23	

1916 g. buried in Snow Feb 8mar

depthed C. 2.11.20 On knoll 150 yds. S of loch. Falls on all sides
 10 to 20 ft. very hummocky ground. Removed to about 50 yds.
 SW to flat sandy road. Ridges on S & E.
 15 to 18" 200 yds. E on road slightly rising to E & on E of
 road.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Ramrock	8½ mls.	E.			

RAINFALL at Glenleven, Blackwater House No 4

County of Argyll Observer British Aluminium Co. Ltd

River Basin Loch Linnhe - left bank tube 4.

M.C. Rain Gauge, by Lennie

Diameter ...	8										
Height	1 0	1 6				1 0					
Altitude ...	1069										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.
January ...	12.19	22.15	(8.50)	16.40	8.81	8.85	14.54	13.87	21.80	2.60	16.53
February ...	17.33	7.75	11.95	9.39	5.22	8.61	6.77	4.87	13.11	3.05	.56
March	8.90	18.44	4.28	4.73	.53	4.77	10.32	5.89	7.80	2.08	5.42
April.....	3.20	2.77	3.05	4.61	4.28	9.80	4.02	8.41	4.62	3.01	3.18
May	8.56	7.40	11.35	4.20	5.41	11.11	4.85	3.69	1.15	5.54	6.53
June	3.14	1.38	4.83	4.48	3.65	2.08	4.26	6.95	7.94	4.42	6.57
July	5.93	6.03	5.95	7.37	8.75	3.50	4.45	4.44	5.77	7.22	2.19
August	5.26	5.73	4.09	9.41	4.96	4.60	7.13	6.67	9.17	8.98	9.46
September...	4.08	5.87	4.66	11.53	11.50	5.08	8.49	7.86	7.53	5.67	6.88
October.....	4.26	10.64	5.19	16.17	6.88	7.79	6.83	9.99	11.91	10.76	13.59
November...	11.94	3.48	7.06	(7.47)	6.98	1.89	12.12	8.87	12.53	13.68	10.73
December...	7.91	20.53	14.67	7.40	17.55	11.74	8.59	.96	9.81	20.20	10.33
TOTALS...	92.74	112.05	86.59	103.16	84.52	79.82	92.37	82.47	113.14	87.21	89.97.

1920. Gauge inspected C.S. 2-XI-20. See last sheet.

19-21 "Senge was removed at 1st Jang." 50 yds. E.W. of former position

1922-9am - corrected for snow.

1923 Reading taken twice Monthly one

Reading men
Connected by a common

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	Direction
1911			Pannock	8½ mi	E			

Blackwater Dam,

20

RAINFALL at Glenluce, Killockluce No. 2 Recorder.

County of Argyll Observer British Aluminium Co.

River Basin Loch Lomond - Leftbanktrub 4

Hydrograph Rain Gauge, by N.B.

Diameter6									
Height	1.6									
Altitude ...	1072									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	MEANS.
January ...	19.94	8.32	4.93	8.50						
February ...	6.50	10.04	9.07	4.57						
March	17.64	4.92	4.03	.66						
April.....	2.23	3.22	5.17	4.37						
May	7.60	11.53	4.08	4.99						
June	1.37	5.05	4.60	3.78						
July	5.39	6.50	8.05	9.48						
August	6.03	4.50	10.14	5.30						
September...	5.68	4.14	10.60	12.76						
October.....	10.90	5.92	15.00	6.78						
November...	3.89	6.81	7.20	6.85						
December...	17.78	14.03	7.20	19.10						
TOTALS...	104.95	84.88	100.07	87.14						

1923 not printed - recorder

1924 " " "

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

RAINFALL at Glencoe (Blackwater House) No. 44

County of Argyll

Observer British Aluminium Co., Ltd.

River Basin 14 - Loch Linnhe - Left Bank.

Type of Gauge

Annual Average 80.8 in. based on 24 years obs. unweighted. Period of average 1931-1955 Ref. S

Diameter	8	Height	10	Altitude	1069	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	9.78	24.49	13.10	18.30	7.75	4.80	16.72	20.99	6.47	1.00							
February	8.53	18	6.25	4.03	15.64	4.45			12.87	14.01	3.41						
March	1.33	4.36	5.33	5.93	6.36	4.00	9.81		18.00	7.36	8.20						
April	4.61	7.69	6.46	7.74	3.94	3.14	2.73		2.21	5.16	6.11						
May	7.16	4.04	3.29	6.22	1.02	2.63	3.94	5.03	1.78	2.05							
June	7.38	2.59	3.42	1.87	6.94	2.24	5.11	10.15	4.00	1.93							
July	7.68	8.35	5.41	3.80	4.79	6.70	6.65	6.23	8.39	5.63							
August	2.62	5.47	7.50	7.50	6.02	5.01	4.86	5.56	3.59	5.38							
September	2.29	6.92	2.60	11.76	14.89	4.97	7.50	6.76	3.29	4.89							
October	8.76	11.09	8.29	15.96	19.61	12.96	2.56	16.66	3.41	10.02							
November	12.73	12.43	3.51	2.46	9.77	6.78	1.43	19.33	13.99	11.32							
December	11.41	16.19	1.64	10.47	5.09	20.31	3.36	10.84	6.47	13.79							
TOTALS	84.58	104.30	66.80	96.04	101.70	77.99	64.67	134.62	77.92	73.73							

1940. Jan & Feb appointed.

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

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

Station No. 5403

RAINFALL at Glenleven (Blackwater House) No 4. 41

County of Argyll Observer British Aluminium Co. Ltd.

River Basin - Loch Linnhe Left Bank

Type of Gauge

Annual Average 50.8 in. based on 24 years obs. area-weighted. Period of average 1881-1915 Ref. S.

File No.

Diameter	8"					691	290				
Height	1' 0"							1			
Altitude	1069'							41			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	(6.92)	(8.72)	11.92	15.18	(4.30)	16.70	10.53	-100	13.13	(9.00)	
February	6.46	(3.56)	14.49	5.36	16.82	(8.98)	(6.60)	11.07	14.91	9.23	
March	3.18	3.49	8.10	4.15	10.86	3.51	3.85	-100	4.55	5.54	
April	4.68	3.39	10.81	6.25	3.11	4.25	17.05	4.38	6.45	6.72	
May	2.34	4.45	5.52	8.09	7.85	1.34	4.46	1.34	5.18	1.34	
June	1.40	3.86	7.07	8.40	8.28	6.26	5.84	-100	2.60	3.87	
July	4.91	6.17	4.11	2.93	3.69	7.32	6.16	-100	2.37	(4.60)	
August	8.09	10.48	8.41	6.55	3.11	6.40	.05	7.66	5.21	(11.51)	
September	3.71	12.54	9.16	5.79	10.43	11.35	11.57	12.73	(4.23)	9.64	
October	8.32	13.99	17.59	8.07	6.51	.67	6.29	10.63	(0.08)	11.21	
November	10.05	4.00	7.32	10.87	.89	7.77	15.97	8.24	(11.39)	2.92	
December	11.48	17.38	5.47	10.43	9.46	9.74	4.03	9.98	15.10	(3.94)	
TOTALS	65.54	92.03	109.97	92.07	85.31	84.29	86.40	-100 imp. n.s.	(95.20) no. n.s.	82.61 n.s.	

1941 Jan. est'd. 1942 Jan + Feb. pt. est'd. 20004

1945 Jan. est'd. for snow.

1946 Feb. est'd. by observer.

1947 no. known Sept to Nov. est'd. by engineer.
20004

1950 Jan. est by n.s. * n.p. Too many estimations

40004 60004

In 1943 v. doubtful

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1941							

Station No. 5403

RAINFALL at Glenlovin (Blackwater House) 10.4

51

County of Argyll

Observer British Aluminium Co. Ltd.

River Basin Loch Linnhe-Lift Bank 4

Type of Gauge.

Annual Average 80.8 in. based on 24 years obs. un-weighted. Period of average 1881-1915 Ref. S.
" 86.18 " 42 " 1917-59. " " 1916-50 " S.

File No.

Diameter	8"				691	090					
Height	1'0"						1				
Altitude	1069'						51				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	(10.44)	5.92	9.80	(6.67)	5.45	6.25	19.75	10.15	4.60	7.13	
February	(5.16)	(5.19)	7.92	(5.42)	6.00	5.35	6.75	4.54	5.98	5.91	
March	(4.54)	6.74	3.99	3.66	(2.00)	4.56	8.75	2.66	6.60	3.36	
April	4.79	4.51	6.05	3.15	5.30	3.90	4.22	5.30	6.47	9.48	
May	0.44	3.14	4.90	4.62	4.75	7.50	2.50	7.00	2.90	4.22	
June	3.60	6.20	1.34	4.62	6.50	4.50	2.90	2.40	5.69	3.78	
July	4.47	5.29	9.03	4.00	.91	6.50	6.75	3.15	7.02	4.93	
August	5.30	5.70	6.26	6.30	3.08	5.95	8.05	7.10	5.98	7.56	
September	5.27	7.01	10.80	12.35	11.38	9.90	5.50	6.55	2.34	4.05	
October	1.68	12.28	6.00	17.25	8.75	9.50	13.75	(8.95)	10.18	3.05	
November	6.67	4.53	17.94	17.20	4.25	9.65	3.25	(2.45)	10.19	8.55	
December	9.68	9.16	11.75	19.75	17.50	16.50	17.00	(6.95)	10.31	10.45	
TOTALS	620.4	75.67	95.78	104.79	75.87	90.06	99.17	67.20	78.25	72.47	
	n.p.					M	n.p.	NP	n.p.		

1951 n.p. low. Gauge slight leak now repaired (5/4/52) 00074

1952. Pint. low 2.10.57. Very open to W & N. G. in begin art. of ground
and leaning to NW. Slight leak in outer case. Move to small hollow
16x55.6 - 700.4 2000.41953 n.p. low
1954 n.p. leak
1955 n.p. click

6000.4 1000.4

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference 27/282599

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓ imp. 1916 — 1920-21	✓	✓	✓ n.p. 48-50	—

Air Ministry, Meteorological Office

Station No. 5403/1

RAINFALL at Glenleven (Black Water House)

County of Argyll

Observer British Aluminium Co. Ltd

River Basin

Type of Gauge

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

File No.

Diameter ...				691	089			5			
Height ...					1			1-			
Altitude ...					51			1070			
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...								-100	5.06	7.10	
February ...									6.40	4.75	
March ...									7.05	3.05	
April ...								-100	7.00	9.55	*
May ...									6.91	2.95	4.25
June ...									2.60	5.55	3.60
July ...									3.55	6.25	4.70
August ...									7.15	6.40	7.20
September ...									7.00	2.20	4.00
October ...									9.45	10.60	2.95
November ...									2.75	9.15	9.20
December ...									7.50	10.25	9.95
TOTALS ...								-100	78.86	70.30	

1958雨量
1959雨量

Position of Station on Ordnance One-Inch map: No. of Map _____ National Grid Reference 27/282 599

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

Summary of Earlier Records from 10-year Sheets:

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