

# RAINFALL AT

*Glendevon Blackwater No. 4*

*Rainfall No.*

Lat. ....

Lon. ....

County of

*Argyll*

Rain Gauge, by

Observer

*John L. Brown*

*Loch Linnhe, L. bank - 4.*

*4. m. J. M. & Son*

Diameter ..											
Height ....										1 0	
Altitude ..								1040?		1069	
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
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 Ho. No. 4County of Argyll Observer Loch Leven Power Co.River Basin Loch Linne - Left bank trib. 4. British Aluminium Co., Ltd.M.O. Rain Gauge, by Jennie (L.)

$$\begin{array}{r} 250 \\ 250 \\ 251 \\ 251 \end{array} \left. \vphantom{\begin{array}{r} 250 \\ 250 \\ 251 \\ 251 \end{array}} \right\} 2.11.20$$

Glen Leven 01.

Diameter ...	8										
Height .....	1 0										
Altitude ...	1069										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
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	9.18	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	4.41	2.77	2.93	1.24	
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	2.90	
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 &amp; Mar

Explored C.S. 2.11.20 On knoll 150 yds. S of Loch. Foss. on all sides  
 10 to 20 ft. Very hummocky ground. Remained below 50 yds.  
 S.W. to foot, mostly good. Ridges on S.E.  
 Was until 19" 200 yds. E on good slightly rising to E & on E of  
 bon.

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

RAINFALL at Glenewen, Blackwater House N.H.County of ArgyllObserver British Aluminium Co. Ltd.River Basin Loch Linne - left bank trib. 4.M.O. 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	7.73	11.95	9.39	5.22	8.61	6.77	4.87	13.11	3.05	5.56	
March .....	8.90	18.44	4.28	4.73	5.3	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 .....	8.58	7.40	11.33	4.20	5.41	11.11	4.85	3.69	1.15	5.54	5.53	
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	7.32	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	5.88	
October .....	4.26	10.54	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	7.45	17.53	11.74	8.59	9.6	9.81	20.20	10.33	
TOTALS...	92.74	112.05	85.58	103.16	84.52	79.82	92.37	82.47	113.14	87.21	89.97	

1920. Gauge inspected B.C. 2.X1.20. See last sheet.

1921. Gauge was removed at 1st Jan. 50 yrs. L.D. of former position.

1922. Jan. corrected for snow.

1923. Readings taken twice monthly only.  
Corrected for snow.

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
1911			Pannock	8 1/2 mi	E			



RAINFALL at Glenleven Blackwater Dam 20  
Kinlochleven No. 2 Recorder.

County of ArgyllObserver British Aluminium Co.River Basin Loch Linnhe - Cefnbank to 4"Hydrograph" Rain Gauge, by N.S.

Diameter ...		<u>.6</u>									
Height .....		<u>1.6</u>									
Altitude ...		<u>1072</u>									
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...		<u>19.94</u>	<u>8.32</u>	<u>4.93</u>	<u>8.50</u>						
February ...		<u>6.50</u>	<u>10.04</u>	<u>9.07</u>	<u>4.57</u>						
March .....		<u>17.64</u>	<u>4.92</u>	<u>4.03</u>	<u>.66</u>						
April .....		<u>2.23</u>	<u>3.22</u>	<u>5.17</u>	<u>4.37</u>						
May .....		<u>7.60</u>	<u>11.53</u>	<u>4.08</u>	<u>4.99</u>						
June .....		<u>1.27</u>	<u>5.05</u>	<u>4.60</u>	<u>3.78</u>						
July .....		<u>5.39</u>	<u>6.50</u>	<u>5.05</u>	<u>9.48</u>						
August .....		<u>6.03</u>	<u>4.50</u>	<u>10.14</u>	<u>5.30</u>						
September...		<u>5.68</u>	<u>4.14</u>	<u>10.60</u>	<u>12.76</u>						
October .....		<u>10.90</u>	<u>5.32</u>	<u>15.00</u>	<u>6.78</u>						
November...		<u>3.89</u>	<u>6.31</u>	<u>7.20</u>	<u>6.85</u>						
December...		<u>17.78</u>	<u>14.03</u>	<u>7.20</u>	<u>19.10</u>						
TOTALS...		<u>104.95</u>	<u>24.88</u>	<u>100.07</u>	<u>87.14</u>						

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 14County of Argyll Observer British Aluminium Co., Ltd.River Basin K. Loch Linde - Left Bank

Type of Gauge

Annual Average 80.8 in. based on 24 years obs. un-weighted. Period of average 1951-1955 Ref 5

Diameter	8											
Height	1 0											
Altitude	1069											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	9.78	24.49	13.10	18.30	7.73	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	4.16	4.54	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	5.55	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	14.51	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	54.58	104.30	66.80	96.04	101.70	77.99	64.67	134.62	77.92	73.73		

1940. Jan &amp; Feb apportioned.

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

Station No.

5403

RAINFALL at Glenleven (Blackwater House) No 4. 41County of Argyll Observer British Aluminium Co. Ltd.River Basin H. - Loch Linne Left Bank

Type of Gauge.....

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

File No. ....

Diameter	8"					691	090				
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	7.00	13.13	(9.00)	
February	6.46	(3.56)	14.49	5.36	16.82	(8.98)	(.60)	11.07	14.91	9.23	
March	3.18	3.49	8.10	4.15	10.86	3.51	3.85	7.00	6.55	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	1.37	
June	1.40	3.86	7.07	8.40	8.28	6.26	5.84	7.00	2.60	3.87	
July	4.91	6.17	4.11	2.93	3.69	7.32	6.16	7.00	2.37	(4.60)	
August	8.09	10.48	8.41	6.55	3.11	6.40	.05	7.66	5.21	(4.51)	
September	3.71	12.54	9.16	5.79	10.43	11.35	11.57	12.73	(4.23)	9.67	
October	8.32	13.99	17.59	8.07	6.51	.67	6.29	10.63	(10.08)	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	(3.97)	
TOTALS	65.54	92.03	109.97	92.07	85.31	84.29	86.40	7.00 imp. 2.8	(95.20)	82.61	

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

20004

00164

40614

1945 Jan. est'd. for snow.

40004 20004

1946 Feb. est. by observer.

1947 n.p. - low Sept. to Nov. est. by engineer.

1950 Jan. est. by 11.03 \* n.p. Too many estimations

40004 60004

In 1943 v. doubtful

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								



Station No. 5403RAINFALL at Glenleven (Blackwater House) No. 4 51County of ArgyllObserver British Aluminium Co. Ltd.River Basin Edin. Loch Linnhe Left 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 ...	1'6"					1					
Altitude ...	1069'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	(10.46)	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	4.42	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	5.92	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	(6.45)	10.31	10.45	
TOTALS ...	62.04	75.67	95.78	106.79	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 about had now repaired (3/4/52) 00074

1952. P.M. 2.10.57. Very open to W &amp; N. G. has begun out of ground and leaning to NW. Slight lead in water case. Move to small hollow

16x55G

70004 20004

1958 n.p. low

1959 n.p. crack

1960 n.p. crack

60004 10004

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 27/292599

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
	✓ imp. 1916	✓	✓	✓ n.p. 48-50	

## Air Ministry, Meteorological Office

Station No. 5403/1

RAINFALL at Glenlwen (Black water House)County of ArgyllObserver British Dominion 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 ...								1	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	70.20	

1958 n/a inc  
1959 Print

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 27/282599

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