

RAINFALL AT Alloa W.S. Fartmann Res

Lat.

Lon.

County of Clackmannan

Rain Gauge, by ~~H. M. G. L.~~ Observer A Mackie Esq. CL.
Forth, L. County - 1.

Diameter ...										11	
Height										10	
Altitude ...										1728	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January97	3.26	4.50	
February ...								2.01	1.87	1.20	
March								2.90	2.85	3.25	
April								1.35	.85	4.20	
May								3.67	2.87	3.10	
June								4.30	1.53	1.93	
July								2.68	2.88	2.57	
August								4.02	1.87	2.79	
September ..								1.60	6.95	1.56	
October ...								5.50	1.90	4.44	
November ..								1.90	2.80	1.01	
December ...								4.90	2.20	4.30	
TOTALS ...								35.80	31.77	34.85	

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1907 Clackmannan Ch 1 mile 2 furlongs South

" 82 7 SSE

Some 21 pt high 60 ft
Read every Monday morning from 8 on 1st month

NNE

RAINFALL at Alloa W.W., Gartmorn Res.

County of Blackmannan Observer Andrew Mackie Esq. B.Sc.

River Basin Forth, Lower-left bank trib.

Rain Gauge, by Jas. Milne & Sons (Edin.)

Weekly.

Diameter ...	11										
Height	1 0										
Altitude ...	172										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.90	1.08	1.50	3.54	2.35	1.58	4.33	1.46	2.42	3.60	
February ...	2.66	3.89	2.72	1.71	3.05	4.62	3.85	1.60	3.50	1.90	
March	2.14	1.80	4.05	3.70	3.90	1.46	2.86	1.60	.95	2.60	
April	2.66	1.47	.66	2.45	1.30	1.59	1.92	1.35	.55	2.00	
May	1.24	1.05	1.58	2.48	2.05	2.53	4.23	2.38	2.50	.90	
June	1.12	1.38	4.88	2.52	.75	1.42	3.15	1.95	.65	2.00	
July	3.68	2.63	1.79	.81	2.30	4.18	4.60	1.95	3.73	1.25	
August	7.75	1.94	2.74	1.04	4.05	4.33	2.73	5.05	3.17	2.48	
September ..	1.00	1.37	2.66	2.10	1.05	2.12	1.02	2.10	4.60	1.85	
October ...	1.91	3.43	3.13	1.90	1.60	3.75	5.85	4.40	3.85	.92	
November ..	3.24	4.30	2.14	3.68	3.65	2.28	4.55	3.75	2.25	4.15	
December ...	2.00	3.41	5.98	2.26	6.30	4.87	3.55	1.87	3.15	5.25	
TOTALS ...	33.30	27.75	33.83	28.19	32.35	34.73	42.64	27.45	31.32	28.69	

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1910 House 21 ft high 60 ft NNE

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	56° 56'	3° 44'	Blackmannan Rd.	7 fms.	SSE.	Glastmannow	1/4 mile	SSE.

RAINFALL at Alloa W.W. Gartmorn Reservoir

County of Elckmannan Observer A. Mackie Esq C.E.

River Basin Forth, Lower

Observer A. Mackie Esq C.E.

1926. Robert Burns Esq. C.B.

Boro' Surveyor Allon.

(1925) Kauachipatt: Rain Gauge, by J. Milne & Sons
(Edin.)

Wachley.

1930. House 30 ft. high loc't N.N.E.

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
1920			Blackmann Rd	7 fms	S.S.E	Blackmann	1 mi 2 fms	S.S.E

RAINFALL at Alloa W.W. (Gartmorn Reservoir)

County of Clackmannan

Observer Robert Cairns, C.E.

River Basin 1 - 30th - lower left bank

Type of Gauge Standard

Annual Average 32.1 in. based on 26 years obs. un-weighted. Period of average 1881-1915. Ref. Survey
 Weighted with Falkirk (Kinc.) Computer XII/36

Diameter	11											5"
Height	1.0											
Altitude	172											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.47	4.12	1.90	3.25	.93	4.83	2.98	4.99	3.99	1.59		
February	2.45	.03	2.46	.00	2.65	2.35	4.02	1.57	3.97	1.38		
March	1.10	2.55	1.40	3.40	1.53	2.20	2.40	1.59	2.43	2.56		
April	2.25	4.23	1.0	4.13	2.42	1.14	1.49	.21	1.52	3.06		
May	3.60	3.23	1.73	1.85	.40	.93	2.95	4.14	1.69	1.78		
June	5.40	.91	1.05	1.70	3.30	1.21	2.54	4.02	1.77	1.62		
July	4.70	2.65	4.13	3.10	1.05	3.70	3.67	3.50	5.84	4.62		
August	2.10	.95	1.43	3.50	2.13	2.83	3.63	2.29	2.19	1.16		
September	1.33	2.90	1.25	3.45	4.94	3.47	1.73	3.19	2.21	2.54		
October	1.70	4.55	2.20	4.13	6.86	2.86	3.01	6.37	3.61	3.75		
November	5.90	2.03	1.85	.50	3.20	2.84	.57	5.71	5.88	4.06		
December	1.60	5.88	.80	3.50	1.98	3.52	1.53	2.07	2.15	2.92		
TOTALS	34.60	34.03	21.69	32.54	31.39	31.88	30.52	39.65	36.25	30.02		
	D	AD. Comp. T	74	low up	low up	low up	low up	W	low up	W		

1931. Water Office & dwelling house 20' high 60' N.N.E.

1933. Low up. 5' too low. Engine pumpers & quite sound who issued special instructions to observe.

1935. Low up. New standard g. & type (same from Aug. 1935) (not 82 min.)

Inspected H.E. bated 16.8.37. g. sheltered in S.E. E. will be moved to more open site 100 yds E on 1.10.37. This site is 40 yds N of bank of clear water tank and 30 yds S of toolhouse.

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	Parish Church.	Distance from gauge	Direction
1931.			Clackmannan Rd.	7 fm	S.S.E.	Clackmannan	1 m 2 f.	S.S.E.

Station No.....

5458

RAINFALL at Alloa W.W. (Clackmannan Rd.) 41

County of Clackmannan

Observer

Robert Caish, Esq., C.E.

River Basin 1 - Firth - Lower - Left Bank.

Burgh Surveyor

Type of Gauge M.O.

Annual Average 32.1 in. based on 26 years obs. un-weighted. Period of average 1881 - 1915 Ref. Survey.

X File No.

Diameter	5"			895	285					
Height	1' 0"					1				
Altitude	172'					41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950
January	1.78	3.72	4.53	2.92	3.13	3.84	3.63	5.96	3.08	1.73
February	3.12	1.39	2.10	-83	4.25	2.15	1.60	3.91	2.59	3.59
March	2.25	2.53	1.07	-17	1.90	2.34	3.30	1.26	1.22	2.35
April	1.25	2.27	1.43	2.08	1.20	.76	3.77	2.46	1.76	2.20
May	2.98	3.08	4.49	1.59	3.89	1.38	2.87	2.46	1.81	1.33
June	0.84	1.24	3.59	2.33	3.02	2.19	3.85	4.39	.86	1.51
July	2.90	1.57	2.48	2.92	3.81	4.45	3.46	3.16	2.51	5.45
August	3.80	3.43	4.48	3.06	2.90	3.11	0.00	5.02	3.65	4.24
September	1.30	4.30	3.35	3.36	4.59	5.83	2.95	4.84	1.24	4.94
October	2.78	2.72	6.11	3.46	4.27	.49	1.52	3.72	4.53	2.28
November	2.76	.38	2.20	6.12	31	5.02	3.69	2.60	2.96	2.71
December	2.10	2.85	1.23	3.46	3.30	3.16	1.37	4.25	4.76	1.98
TOTALS	27.86	29.48	37.06	32.30	36.57	34.72	32.01	44.03	30.97	37.31

1941 Water Office and Dwelling house 20' high 250' W.

1942 n.p. 201. Letter sent re possible leak. 1949 reasonable.

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
1941			Clackmannan Rd.	7 fm.	S.S.E.	Clackmannan	1 m 2 f. S.S.E.

Station No. 5458

RAINFALL at Alloa W.W. (Gartmorn Res.)

51

County of Clackmannan Observer Burgh Surveyor

River Basin Firth Lower Left Bank -1

Type of Gauge M.D.

Annual Average 32.1 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. S.
33.9

File No.

Diameter ...	5"				895	285					
Height ...	10"						1				
Altitude ...	172'						51				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	4.66	2.05	0.74	3.37	1.78	3.45	7.57	2.28	1.31	3.41	
February ...	2.35	.36	1.09	2.78	(2.36)	1.77	3.02	2.11	1.19	2.15	
March ...	2.28	3.12	.96	2.67	(1.73)	1.30	3.69	1.50	2.05	1.72	
April ...	1.60	1.50	1.77	1.08	(0.90)	1.35	1.12	1.02	2.71	2.49	
May ...	1.89	1.27	1.49	4.80	(2.38)	1.48	2.37	3.26	.86	2.47	
June ...	1.51	2.23	1.34	2.41	(0.90)	3.32	1.58	4.15	1.73	1.74	
July ...	5.62	1.71	5.31	2.84	(0.80)	5.22	3.79	4.80	5.34	3.04	
August ...	4.17	5.40	1.66	5.06	(0.91)	4.74	3.76	3.87	.57	3.92	
September ...	2.87	1.55	4.24	3.87	(2.00)	4.12	2.12	4.35	1.07	2.10	
October ...	0.54	2.26	1.76	8.55	2.69	2.20	2.62	3.12	2.25	3.36	
November ...	5.54	1.91	4.28	5.62	1.88	.51	1.44	1.41	5.74	4.35	
December ...	3.75	2.39	4.48	4.09	4.08	3.70	4.57	5.52	5.63	3.14.	
TOTALS ...	36.78	25.75	29.12	47.14	22.47	32.16	37.65	37.39	30.18	33.89	
	W	W	W	N	N.P.	d	d	d	d	d.	

1951. Water offices & dwelling houses 20 ft. high 250 ft. N.W.
1955 N.P. low, and too much silt.

37704

March 59 amended with ref to near
neighbours 928.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference MS(24) 915937

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1951			Clackmannan Rd.	7 fms.	S.E.	Clackmannan	1 mil. 2 fms. S.S.E.

Summary of Earlier Records from 10-year Sheets :

	1910-19	1920-30	1931-40	1941-50	1951-60
Record D, or d	✓ except 15 and 19	✓	ap. 22-28 2 1931	✓ but ap. 48	-