

RAINFALL AT Alloa House Gardens

Lat. _____

Lon. _____

 County of Blackmannan

Rain Gauge, by _____

 Observer Earl of Mar & Kellie K.V.
per W. J. Buchanan.
Forth, L. bank - 1.

Diameter ...									5		
Height									2.6		
Altitude ...									40		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...										4.43	
February ...										1.23	
March										2.71	
April										4.38	
May										3.13	
June										2.11	
July										2.31	
August										3.13	
September ..										1.78	
October ...										4.41	
November ..										1.46	
December ...										4.20	
TOTALS ...									32.50	35.28	

1908 (total) and 1909 Reed II. 1911.
Entered VII. 1912.

RAINFALL at Alloa House GardensCounty of Blackman Observer Earl of Mar & Kellie K.T.River Basin Forth, Lower, Left Bank Subs. 1.per W. J. BuchananSweden Rain Gauge, by _____

Diameter ...	5											
Height	2 6				3 0							
Altitude ...	40									50		
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SUMS	MEANS.
January ...	3.56	1.27	2.26	3.83	2.64	1.69	4.69	1.38	3.47	3.79	13.33	
February ...	3.32	4.31	2.68	2.40	3.76	5.62	4.81	4.0	3.67	1.25	10.13	
March	2.07	2.00	4.19	4.50	4.34	1.90	2.31	1.50	.96	2.50	7.27	
April	2.89	1.56	.76	2.79	1.60	2.10	1.65	.93	.53	1.35	4.46	
May	1.21	1.21	1.86	2.61	1.97	1.47	4.46	2.51	2.55	.53	10.05	
June	1.00	1.38	4.76	2.85	.53	1.71	3.07	2.20	.40	1.58	7.25	
July	4.15	2.62	1.76	.91	4.35	3.42	5.04	1.66	3.02	1.04	10.76	
August	8.06	2.04	4.06	.99	3.72	4.17	3.15	5.75	3.69	2.62	15.21	
September ..	.88	1.53	2.40	2.40	1.40	2.04	.95	1.95	4.43	1.47	8.30	
October ...	2.11	3.16	3.55	2.19	1.68	4.06	6.16	4.41	3.68	.91	15.16	
November ..	3.63	4.25	2.64	4.55	4.51	2.31	5.29	3.25	2.30	4.15	14.99	
December ...	2.28	3.69	7.79	2.30	7.09	5.52	3.77	2.04	2.63	5.05	12.49	
TOTALS ...	35.16	29.02	38.71	32.35	37.59	36.01	45.36	27.98	31.33	26.24	130.90	

D D D

imp.D

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Alloa	1/4 mile	N.	Alloa.	1/4 m	
						(1946)	1/2 m	W

RAINFALL at Alloa House GardensCounty of ClackmannanObserver Earl of Mar & Kellie R.S.
per W.J. BuchananRiver Basin 1. Forth, Lower-Left bank Libs.

M.O. pattern (1925)

Bowdon Rain Gauge, by

Diameter ...	5"			5								
Height	3.0			3.0								
Altitude ...	40			40								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	SUMS
January ...	4.01	5.41	3.31	1.80?	3.52	4.19	4.47	3.93	7.76	2.77	4.15	45.32
February ...	4.23	3.4	2.15	3.47	.59	3.89	5.04	2.30	3.74	1.27	.53	27.55
March	2.31	3.91	1.64	1.44	.78	1.66	1.56	2.81	4.24	.57	2.21	23.23
April	1.50	.75	1.55	3.57	2.07	3.97	1.91	1.71	1.16	1.14	1.00	20.36
May	2.78	2.04	1.35?	1.10	5.35	5.45	3.75	2.45	2.08	2.42	1.20	20.97
June	1.51	.28	1.71	.83	2.15	.38	2.33	4.24	4.24	2.26	2.44	22.37
July	2.85	3.24	3.37	2.23	2.80	1.89	2.93	4.58	1.59	2.86	2.95	33.29
August	4.11	5.84	1.93	5.34	3.38	3.94	2.20	7.29	5.45	4.75	5.75	49.98
September...	1.69	2.11	1.44	5.41	4.69	2.89	3.39	5.16	3.42	.93	3.98	33.11
October	1.39	3.77	1.79	2.62?	3.50	3.27	4.43	5.56	5.59	4.04	4.10	40.06
November...	3.49	1.79	2.07	2.36?	2.92	.76	6.05	2.65	4.39	5.52	4.01	36.01
December...	2.82	2.83	1.92	(2.72)	6.42	3.15	.74	1.57	4.34	5.69	3.98	36.18
TOTALS...	32.69	32.34	24.23	30.89?	39.17	35.44	38.80	44.25	48.00	34.22	37.40	397.43

1922. May seems low, but confirmed by Gben.

Dec. corrected for snow.

1923. + snow.

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			Alloa	1/4 mi	N	Alloa	1/2 mi	W

RAINFALL at Alloa House GardensCounty of ClackmannanObserver Carl of Mar & Helli, K.T.River Basin 1 - North Lower - Left BankType of Gauge M.O. (Cylindrical)Annual Average 33.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. Summary
Weighted with Feltwell (Kens) Computation XII/26

Diameter	5.											
Height	3.0.											
Altitude	40.									50		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	50MS	Means
January	2.24	4.62	3.65	4.01	1.13	5.03	3.54	5.95	3.75	2.06	35.98	
February	2.40	.09	2.84	.25	3.27	2.44	4.19	1.20	3.98	1.29	21.95	
March	1.14	2.32	2.11	3.70	1.62	2.78	2.83	1.43	2.45	3.47	23.85	
April	2.42	3.35	1.39	4.38	2.58	1.26	1.61	.32	1.45	2.99	21.75	
May	3.85	3.65	2.03	1.94	.35	1.15	2.57	4.59	1.71	1.74	23.58	
June	5.25	1.08	1.51	1.97	3.36	1.60	1.80	3.73	1.83	1.43	23.56	
July	5.00	2.80	4.84	3.65	.88	3.77	3.77	4.07	4.93	5.62	39.33	
August	2.12	1.34	1.90	3.86	2.37	2.91	4.06	2.13	1.65	1.50	23.74	
September	1.17	3.31	1.43	4.21	5.65	4.13	2.15	3.50	2.03	2.83	30.41	
October	2.27	5.62	2.54	4.19	7.97	3.47	3.12	6.33	2.83	4.13	42.47	
November	4.46	2.65	2.71	.57	3.65	3.26	.90	5.87	6.62	3.93	37.62	
December	2.02	6.51	.94	4.62	2.08	4.36	2.44	2.31	2.11	3.96	31.35	
TOTALS	37.34	37.34	27.89	37.35	34.91	36.16	32.98	41.43	35.24	34.95	355.59	

1940 Wall 16' high 50' N.
Wall 16' high 60' E.

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
1931.			Alloa	1/4 m	N.	Alloa	1 m.	N.W.

Station No. 5457

RAINFALL at Alloa House Gardens.

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County of Clackmannan Observer Earl of Mar & Kellie, K.T.River Basin 1- FORTH, Lower-Left BankType of Gauge GlaisherAnnual Average 33.2 in. based on 25 years obs. unweighted. Period of average 1881-1915 Ref. Survey.

File No.

Diameter	5"				8 1/2	5 1/2					
Height	3' 0"					1					
Altitude	50'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Surf Means
January	2.25	3.74	4.30	3.16	3.32	4.30	4.63	5.74	3.29	2.18	36.91
February	3.43	2.09	2.44	.98	5.23	2.43	1.27	5.09	3.02	3.32	29.30
March	3.18	2.84	1.28	.33	2.41	2.73	3.62	2.23	1.27	2.67	22.56
April	1.26	2.70	1.56	2.38	1.43	.90	4.86	2.60	1.99	2.49	22.17
May	3.40	3.38	4.30	1.76	4.22	1.78	3.54	2.79	1.95	1.66	28.78
June	0.66	1.37	3.39	2.66	3.38	3.44	3.97	4.56	1.00	1.69	26.12
July	3.35	1.44	2.51	2.76	4.54	5.26	3.58	3.12	2.57	6.09	35.22
August	4.85	3.46	4.60	3.11	2.44	3.86	.03	6.59	3.54	4.50	36.98
September	1.30	4.60	3.49	3.34	4.84	6.47	3.64	5.07	1.58	8.85	43.18
October	3.72	2.67	5.99	3.46	3.84	.61	1.85	4.35	4.58	2.48	33.55
November	3.10	.44	2.07	6.06	.50	5.79	4.39	3.27	3.17	2.69	31.48
December	2.51	3.42	1.46	3.45	3.69	3.68	2.05	5.06	5.76	1.61	32.69
TOTALS	33.01	32.15	37.39	33.45	39.84	41.25	37.43	50.47	33.72	40.23	378.94
	D	D	D	D	D	D	D	D	D	D	D

1941 Wall 12' high 36 yds W. 1941 Gauge moved 50 yds S on the 24/4.

Hedge 10' high 15 yds S.

1943 Hedge 12 ft high 16 ft. S.W. Wall 14 ft high 50 ft. W.

1946 Road seems to be missing. It is suspected. Hedge may be carrying debris from 1943

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			Alloa	1/2 m	N.W.	Alloa	3/4 m	W.

BRITISH RAINFALL ORGANIZATION

Station No. 5457

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RAINFALL at Allea House GardensCounty of Blackmannan Observer Earl of Mar & KellieRiver Basin To the lower left bank - 1Type of Gauge Clairton HowardAnnual Average 33.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. S
36.08 " " " 35 " " 1916-1950 File No. 1916-1950

Diameter ...	5				895	570						
Height ...	3'0"					1						
Altitude ...	50'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	3.94	2.77	0.85	3.43	2.03	2.58						
February ...	2.24	.57	1.37	3.00	2.62	1.55						
March ...	2.43	3.31	1.31	3.03	2.09	1.93						
April ...	1.93	1.31	1.92	1.38	1.04	.57						
May ...	1.65	1.62	2.08	4.66	3.28	1.50						
June ...	1.83	2.83	1.47	2.31	1.19	3.36						
July ...	5.33	3.08	4.60	2.80	.90	4.72						
August ...	4.69	5.34	2.26	4.78	.98	4.64						
September ...	3.05	2.01	4.46	4.49	2.05	4.49						
October ...	0.70	2.63	1.86	7.91	2.83	2.68						
November ...	6.06	2.32	4.94	5.63	1.99	.57						
December ...	4.37	3.05	4.70	4.36	6.20	4.29						
TOTALS ...	38.22	30.84	31.82	47.78	27.20	32.78						
	D	D	D	D	D	D						

1951. Hedge 12 ft high 16 ft. SW. Wall 14 ft. high 50 ft. W.

In Sept 1957. G. was out - no timber edge. The g. was moved about 14 ft from a position about 40' ENE. Good site with gentle slope to S. Rec. new g. in site 12-15' with one year overlap

Oct 1957 Record terminated. Ann will not buy new gauge.

26/845927

Position of Station on Ordnance One-Inch map: No. of Map..... National Grid Reference NS263725

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Allea	130 yds. N.W.	Allea	140 yds W.

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
	✓	✓	✓	✓	
	✓ but d. 19	220, 229, 226, 228	✓ except 32	✓	