

RAINFALL AT Alloa House Gardens

Lat.

Long.

County of Clackmannan

Rain Gauge, by

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

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 Recd II. 1911.

Entered VII. 1912.

105457

RAINFALL at Alloa House Gardens

County of Clackmannan Observer Earl of Mar & Kellie K.J.
 River Basin Forth, Lower, Left Banks Subs. 1 per W. J. Buchanan
 Snowdon 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	1.40	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	20.4	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	8.80	
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	13.49	
TOTALS ...	35.16	29.02	38.71	32.35	37.59	36.04	45.35	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	4 miles	N.	Alloa	1/4 m (1916)	W.

RAINFALL at Alloa House Gardens

County of Clackmannan) Observer Earl of Rose & Kellie R.S.
per W. J. Buchanan
River Basin Forth, Lower-Lft bank Tribs.
M.O. pattern (1925)
Snowdon 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?	3.5.2	4.10	4.47	3.93	7.76	2.77	4.16	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	2.81	23.23
April	1.50	.78	1.55	5.57	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	20.07
June	1.51	.28	1.71	1.83	2.15	.38	2.33	4.24	4.24	2.26	2.44	22.37
July	2.85	3.24	3.37	2.23	3.80	1.89	2.93	4.58	1.59	2.86	3.95	33.29
August	4.11	5.84	1.93	5.34	3.38	3.94	2.20	7.29	5.45	4.75	5.76	69.98
September...	1.69	2.11	1.44	3.41	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	37.60	397.43

1922. May seem low, but confirmed by Ober.

Res counted 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	Parish Church.	Distance from gauge	Direction
1920			Alloa	1/4 mi	N	Alloa	1/2 mi	W

RAINFALL at

Alloa House Gardens

County of Clackmannan

Observer Earl of Mar & Kincardine, K.T.

River Basin 1 - Forth, Lower - Left Bank

Type of Gauge M.O. Gutter (140)

Annual Average 33.2 in. based on 25 years obs. unweighted. Period of average 1881-1915

Weighted with Telliote (Kincardine)

Ref. Summary

Submitted XII 1/16

Diameter	5.											SUMS Means
Height	3.0.											
Altitude	40.											50
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
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	0.9	2.84	2.25	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	1.05	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, } 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
1931.			Alloa	1/4 m	N.	Alloa	1 m. N.W.

Station No.....

5457

RAINFALL at Alloa House Gardens.

41

County of Clackmannan Observer Earl of Mar & Kellie, K.T.

River Basin 1 - Firth, Lower-Left Bank.

Type of Gauge Glass

Annual Average 33.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref Survey.

File No.

Diameter	5"				895	570					
Height	3' 0"						1				
Altitude	50'						41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Sums Means
January	2.25	3.74	4.30	3.16	3.32	4.30	4.63	5.74	3.21	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	1.79	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	3.85	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	1.44	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

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

Hedge 10' high 15yds S.

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

1946 Record seems to be missing. The required hedge may be causing trouble from the

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
1941			Alloa	1/2 mi	N.W.	Alloa	3/4 mi W.

Station No. 5657

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RAINFALL at Alloa House Gardens

County of Clackmannan

Observer

Earl of Mar & Kellie, ~~not yet known~~

River Basin South Lower Left Bank - 1

Type of Gauge Glazier Howard

Annual Average 33.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. P S
36.08 " " 35 " 1916-1950 File No.

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	X				
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	0					

1951. Hedge 12 ft high 16 ft. S.W. Wall 14 ft. high Soot.W.
 (un. Sept 1957) - g. worn out - no hedge edge. The g. was moved about 1941 from
 a position about 40° ENE. Good site with gentle slope to S. Rec. new g. in site
 12-51 with one year overlap

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

26/895927

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NS(26)89/2925

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Alloa	1300yds. N.W.	Alloa	1400yds 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	✓	✓	✓	✓