

RAINFALL at Falkirk (Westbank)County of Stirling Observer A. Nimmo, Esq.River Basin Forth - Right bank tribut.Snowdon Rain Gauge, by _____Lawn

M

Diameter ...										5	
Height										9	
Altitude ...										105	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	Total 12 Months 16-19
January ...							4.70	1.70	4.45	3.22	14.07
February ...							3.90	1.80	4.95	1.31	10.96
March							2.70	2.00	1.19	2.65	8.54
April							2.10	1.40	.66	1.63	5.79
May							4.90	2.10	2.15	.62	9.77
June							2.50	2.20	.47	1.89	7.04
July							3.70	2.70	3.37	1.13	10.90
August							3.00	5.40	2.73	2.31	13.44
September...							1.80	1.90	5.01	2.15	9.86
October ...							6.00	4.60	4.28	.77	15.65
November ..							3.70	5.80	2.63	5.06	17.19
December...							3.80	2.40	3.24	4.78	14.22
TOTALS ...							41.80	33.60	35.13	27.50	137.43

Not to scale.

April 1910 - 50 years

Rain gauge

360:33.6
937.Gentle slope
SW

Rain gauge

bar

Shrub

Tree

60 yds

N.E.

(others letter)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Falkirk Craighall?			Falkirk		

RAINFALL at *Falkirk Westbank* *Lawn.*County of *Stirling*Observer *A. Nimmo Esq*River Basin *Forth - Right bank hills, 1**Snawdon* Rain Gauge, by*Lawn.*

Diameter ...	6"			5"								
Height	0	9	1	6	1	0						
Altitude ...	105			105								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.	
											<i>Mean.</i>	
January ...	4.95	6.25	4.07	3.64	3.54	4.50	4.85	4.27	7.77	1.76	4.69	<i>Total</i> 50.29
February ...	5.25	4.7	2.60	4.30	7.14	3.14	4.14	2.15	5.05	1.41	.77	30.02
March	2.96	5.01	2.03	1.49	1.12	2.26	3.05	2.67	2.96	.46	2.74	26.75
April	1.38	1.07	2.02	3.20	1.79	4.14	1.76	1.74	1.03	1.54	.76	20.43
May	3.53	1.92	2.80	1.40	5.77	5.58	2.79	1.99	1.82	2.32	1.57	31.49
June	1.01	.23	1.38	1.48	1.90	.44	2.12	3.64	5.38	2.27	2.58	22.43
July	3.23	2.98	3.40	3.54	3.40	1.37	4.18	3.88	2.31	3.07	2.68	35.04
August	5.75	5.84	1.70	5.28	2.60	2.43	2.50	6.84	4.33	4.99	4.97	47.23
September...	1.89	2.66	1.95	3.95	4.27	3.22	3.68	7.03	3.28	.86	3.85	36.64
October	1.12	4.27	1.64	4.30	2.70	2.88	5.50	4.41	5.22	4.35	4.66	41.05
November...	3.23	2.07	1.89	3.17	2.72	.70	5.74	2.97	4.68	5.44	4.12	36.73
December...	3.60	5.61	3.75	2.84	5.96	3.25	1.10	1.23	3.97	7.06	2.60	40.97
TOTALS...	37.90	38.38	29.23	38.59	36.51	33.91	41.41	42.82	47.80	35.53	26.99	419.07
		<i>M</i>		<i>M</i>		<i>M</i>				<i>D</i>	<i>D</i>	<i>Feb</i>

1920. See diagram on East sheet.

1923. Observer says that lt of rim of both gauges, have always been 1ft.

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
			<i>Falkirk</i>			<i>Falkirk</i>		

RAINFALL at Talkirk (Westbank) Lawn.County of StirlingObserver A. NimmoRiver Basin 1-Forth-Right Bank

Type of Gauge.....

Annual Average 33.6 in. based on 15 years obs. unweighted. Period of average 1881-1915 Ref. Survey
computed x11/26

Diameter	5											
Height	1 0											
Altitude	105					100	100	105	105			
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.55	4.69	3.43	4.41	1.38	3.88	3.07	6.58	4.17	2.69		Total 36.85
February	2.56	.04	2.63	.28	3.33	1.99	4.43	1.24	5.30	1.16		22.96
March	1.41	2.18	1.73	2.94	1.27	2.26	2.17	2.52	2.38	3.70		22.56
April	2.10	3.16	1.33	3.31	2.51	1.18	1.63	.38	1.64	3.09		20.33
May	4.00	2.99	2.07	1.63	.45	.65	2.02	4.24	1.06	2.54		21.65
June	5.60	1.01	.91	2.10	2.44	1.51	2.07	3.89	1.28	.73		22.56
July	4.23	2.14	3.98	2.53	1.02	4.19	3.79	3.08	4.05	4.73		33.74
August	3.41	.89	1.70	3.55	1.52	2.14	4.23	2.22	.77	1.16		21.59
September	1.15	3.82	1.02	3.30	4.87	3.32	2.26	3.49	1.96	2.62		27.81
October	2.96	4.89	2.51	4.03	7.49	3.56	4.22	7.32	2.32	4.06		43.36
November	5.85	2.99	1.87	.93	3.66	3.09	.50	7.07	7.24	4.16		37.36
December	2.91	6.60	.79	3.40	1.62	3.82	2.15	2.84	1.66	3.35		29.14
TOTALS	38.73	35.40	23.97	32.41	32.58	31.59	32.54	44.87	33.83	33.99		339.91
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

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
1931.			Talkirk (Grahamston)	500 yds	W.S.W.	Talkirk	500 yds	W.

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

Station No. 5344

RAINFALL at Falkirk (Westbank) Lawn

41

County of StirlingObserver A. Nimmo Esq.River Basin 1. Forth Right BankMajor W. R. Nimmo (41)
Major W. (46)
W. J. Nimmo Esq. (447)

Type of Gauge.....

Annual Average 33.2 in. based on 15 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No.

Diameter	5"				896	686						
Height	1'0"					1						
Altitude	105'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	Totals
January	1.61	5.16	4.19	4.16	3.22	4.28	3.63	6.91	4.00	3.08		40.24
February	3.56	1.51	3.06	1.21	4.85	3.04	2.09	4.49	3.96	4.08		31.85
March	3.06	1.69	2.18	.57	2.59	2.71	3.74	3.25	1.25	2.67		23.71
April	1.44	2.30	1.86	2.36	1.50	(.89)	4.34	3.06	3.12	2.74		24.11
May	4.29	2.40	3.56	3.18	4.69	1.74	3.39	1.62	2.18	1.66		28.71
June	0.62	1.49	3.05	2.63	3.40	2.53	4.30	5.12	.83	2.09		26.06
July	3.77	1.99	2.57	2.96	3.86	3.49	2.90	(4.51)	2.50	5.28		33.83
August	3.69	2.71	4.99	3.83	2.66	(3.30)	0.00	7.70	3.47	3.78		36.13
September	.86	4.61	2.56	4.20	4.54	(5.70)	3.49	4.71	(1.35)	4.22		39.24
October	3.96	3.69	6.35	3.71	4.75	(6.80)	1.57	3.28	5.19	3.18		36.48
November	2.22	.61	1.57	7.90	.48	(6.00)	4.47	2.98	3.02	3.62		32.87
December	2.15	3.03	1.65	4.31	3.22	(3.80)	2.20	3.79	6.71	1.79		32.65
TOTALS	31.23	31.19	37.59	41.02	39.76	(38.28)	36.62	51.42	37.58	41.19		383.87
	D	D	D	D	D	imp	D	D	D	D		D

1941. Trees 30' high about 40 yds away.

1942. Gauge on open lawn. Trees 30' high 30 yds S. 30 yds W. 20 yds N. 50 yds E

1946. April total estimated from garden gauge. No observations Aug-Dec. Gauge taken over by W. Gibson Falkirk Water Engineer & observations resumed January 1947.

Map 13/12/46. Good situated, gauge sound (N.O. gauge 1937). Map in file.

1898. Tipped.

1949. Seat. Gauge damaged lat. No 36.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No. 26-884802

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Falkirk (Grahamston)			Falkirk		

BRITISH RAINFALL ORGANIZATION

RAINFALL at Falkirk (Westbank) Lawn Station No. 5344 **51**
 County of Shirling Observer W. Gibson Esq.
 River Basin Forth - Right Bank - 1
 Type of Gauge.....

Annual Average 32.6 in. based on 15 years obs. or weighted. Period of average 1881-1915 Ref. S

File No.....

Diameter ...	5"				896	686					
Height ...	1' 0"					1					
Altitude ...	105'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	5.14	3.64	(1.51)								
February ...	2.78	0.96	1.38								
March ...	2.78	2.47	.93								
April ...	2.43	1.18	2.02								
May ...	2.07	1.61	1.89								
June ...	2.03	2.75	1.62								
July ...	5.02	3.18	5.17								
August ...	4.88	4.19	2.43								
September ...	2.34	2.22	3.74								
October ...	1.81	2.47	1.97								
November ...	5.04	2.23	5.74								
December ...	5.42	2.87	4.38								
TOTALS ...	40.74	29.77	32.78								
	2	D	D								

1953 Jan. obs. copied from Arrol (dale (no reason given))

4-0004

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

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

Summary of Earlier Records from 10-year Sheets :

1916-1950 P (2nd) - **Rejected**

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C 1918	✓ - 20.24, 26-28 M 24-25, 28, 29 J 30	✓ ✓	✓ but imp 46 ✓	