

RAINFALL AT Falkirk, Westbank

Lat.

Long.

County of Stirlings

Rain Gauge, by

Observer A. Himmelman

Form, R. Bank - 1.

Diameter					5						
Height					0.9						
Altitude					75						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				3.10	5.66	1.39	1.93	.93	2.41	6.74	
February				3.33	11.37	4.43	1.52	2.80	2.73	2.24	
March				2.05	4.13	3.12	3.96	4.90	1.57	3.85	
April				1.09	1.63	1.67	1.48	1.76	2.16	3.86	
May				2.40	2.83	.76	.55	2.70	2.63	4.81	
June				1.24	3.13	1.28	4.11	4.54	1.60	1.19	
July				2.25	2.74	5.49	4.36	1.87	1.79	3.56	
August				2.59	4.54	6.71	2.33	4.20	4.15	.93	
September				1.36	.22	1.63	3.86	2.51	5.23	2.84	
October				3.78	3.92	3.08	3.41	1.72	5.85	4.07	
November				2.09	4.51	4.06	.98	3.40	5.14	4.88	
December				4.30	2.95	5.88	5.39	5.10	5.89	3.68	
TOTALS				29.58	47.58	35.50	33.91	36.43	40.55	42.60	

Recd 19. ii. 07

Sent 26 xi. 08

RAINFALL AT Falkirk Westbank

Lat.

Lon.

County of Stirlingshire

Rain Gauge, by

Observer A. Niswona Esq.

Form, R. bank - 1.

Diameter ..								5			
Height ..								0.9			
Altitude ..								75'			
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.34	2.66	2.82	8.37	3.32	1.65	4.82	2.50	4.63	5.19	4130
February ..	3.10	.96	1.32	7.65	2.48	2.17	2.57	3.20	2.14	1.76	2735
March ..	.99	2.47	2.38	9.03	1.99	3.91	4.36	8.58	4.20	3.02	3593
April ..	2.35	2.80	.93	.94	4.66	1.98	1.35	1.66	1.14	3.70	2151
May ..	1.97	1.76	1.53	1.92	3.01	1.83	4.54	4.07	2.87	2.93	2643
June ..	3.77	2.55	2.31	1.89	1.78	.63	1.64	4.28	1.85	1.65	2235
July ..	2.63	1.76	3.66	4.59	2.79	2.81	1.96	2.20	3.36	2.49	2825
August ..	3.74	4.20	1.97	5.04	4.61	3.15	5.88	4.21	3.26	2.99	3905
September ..	3.79	2.04	1.89	3.08	2.13	1.76	1.33	1.19	5.06	1.69	2396
October ..	5.11	3.59	1.90	7.58	1.81	2.47	5.66	6.46	1.63	4.90	4111
November ..	5.86	3.04	1.76	2.17	1.65	4.85	3.97	1.79	3.58	2.17	3084
December ..	6.65	3.72	3.99	2.28	4.55	3.65	2.34	5.91	2.57	5.52	4118
TOTALS ..	45.30	31.55	26.46	54.54	34.78	30.86	40.42	41.05	36.29	38.01	37926

1893-1905 recd 19.ii.07 End. 26.xi.08

1907 Falkirk Station

400 yds. ENE.

1909 " Church

400 " E.

RAINFALL at Falkirk, Westbank

County of Stirling

Observer A. Nummo Esq.

River Basin Forth - Right bank trib.

Snowdon Rain Gauge, by

Garden.

Diameter ...	5	Height	0.9	Altitude ...	75	Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.60	2.52	2.36	3.78	3.48	2.02	5.02	1.83	4.55	3.41							TOTALS 16.41 14.81
February ...	3.85	6.23	2.79	2.60	3.37	4.15	4.22	8.80	5.05	1.40							11.47
March	2.21	2.41	4.20	4.10	4.27	1.84	2.93	2.12	1.28	2.79							9.10
April	4.08	2.24	.83	2.73	1.85	2.05	2.23	1.55	.69	1.95							6.22
May	1.59	1.33	1.54	2.15	2.19	1.50	5.21	2.27	2.22	.66							10.36
June96	1.31	4.45	2.28	.62	1.99	2.69	2.41	.49	1.91							7.50
July	4.22	2.24	2.19	1.23	3.25	3.53	3.97	2.88	3.47	1.16							11.48
August	6.48	2.42	3.54	1.03	2.89	4.03	3.23	5.85	2.78	2.32							11.18
September ..	.71	1.35	2.36	2.64	1.11	1.92	.89	2.00	5.23	2.22							10.34
October ...	2.98	3.78	3.51	1.97	1.48	3.28	6.42	4.99	4.70	.81							16.72
November ...	3.30	5.74	3.38	5.24	5.36	1.82	4.03	6.24	2.89	5.52							16.38
December ...	2.61	4.19	7.94	3.34	6.93	5.21	4.12	2.61	3.49	5.00							15.22
TOTALS ...	38.59	35.76	39.09	33.29	36.80	33.34	44.96	35.55	36.84	28.63							165.91

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Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912			Falkirk	500 yds	ENE	Falkirk	400 yds	E.

RAINFALL at Falkirk, Westbank Garden.County of Stirling Observer A. Nicolson Esq.River Basin Forth - Right bank tributaries.Snowdon Rain Gauge, by
Garden.

Diameter ...	5		5									
Height	0.9	1.6	1.0									
Altitude ...	75		75									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	
January ...	5.24	6.55	4.19	3.71	3.58	4.59	4.99	4.29	8.28	1.81	4.99	Totals. 52.22
February ...	5.67	5.53	2.77	4.34	7.77	3.35	4.10	2.21	5.46	1.49	.79	31.50
March	3.13	5.27	2.07	1.54	1.15	2.29	3.01	2.64	3.04	1.46	2.80	27.50
April.....	1.56	1.18	2.04	3.20	1.88	4.17	1.89	1.75	1.07	1.56	.81	21.11
May	3.56	2.05	2.81	1.43	5.72	5.77	2.83	2.05	1.82	2.40	1.62	32.06
June	1.03	1.29	1.41	1.52	2.00	1.52	2.18	3.74	5.48	2.34	2.74	23.25
July	3.40	3.02	3.61	3.46	3.46	1.47	4.20	3.98	2.31	3.16	3.87	35.94
August	5.81	5.90	1.73	5.38	2.75	2.58	2.57	7.00	4.39	5.10	5.15	48.36
September...	1.99	2.94	1.97	4.02	4.21	3.30	3.76	7.04	3.24	1.86	4.03	37.36
October.....	1.14	4.51	1.67	4.31	2.77	2.97	5.56	4.43	5.34	4.46	.49	42.05
November...	3.41	2.12	1.96	3.12	2.74	.74	5.99	3.02	4.81	5.69	4.32	37.92
December...	3.63	5.70	3.86	3.05	6.01	3.32	1.04	1.29	4.20	7.32	2.76	42.24
TOTALS...	39.57	40.22	30.09	39.10	37.04	35.07	42.12	43.44	49.44	36.65	38.77	431.51 44

1923. Obs. says ht has always been 1 ft.

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
1912			Falkirk	500 yds	ENE	Falkirk	400 yds E.

RAINFALL at Falkirk (Westbank) Garden.County of StirlingObserver A. nimmoRiver Basin 1-Forth. Right Bank

Type of Gauge.....

Annual Average 36.0 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. Survey
Completed XII/36.

Diameter	5.	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	10.											
Altitude	75.											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January		2.68	5.09	8.79	5.17	1.45	4.91	3.54	6.87	4.44	2.69	Total 40.63
February		2.87	1.04	2.85	1.28	3.62	2.22	4.55	1.37	5.53	1.08	24.51
March		1.45	2.21	1.90	3.17	1.80	2.48	2.28	2.63	2.51	3.82	23.75
April		2.17	3.24	1.40	3.57	2.62	1.25	1.68	1.43	1.68	3.22	21.26
May		4.15	3.09	2.18	1.68	1.48	1.73	2.05	4.34	1.10	2.60	22.40
June		5.90	1.06	0.99	2.30	3.65	1.61	2.18	4.10	1.38	1.74	23.91
July		4.45	2.34	4.15	2.59	1.09	4.26	3.92	3.23	4.22	4.84	35.29
August		3.54	1.91	1.77	3.77	1.60	2.29	4.31	2.28	1.77	1.19	22.43
September		1.25	3.97	1.06	3.54	5.08	3.56	2.36	3.62	2.06	2.83	29.33
October		3.06	5.14	2.65	4.55	7.82	3.79	4.24	7.43	2.38	4.29	45.35
November		6.16	3.15	2.04	1.98	4.38	3.30	5.3	7.43	1.46	4.31	39.69
December		3.27	7.41	0.82	3.69	2.08	4.20	2.36	3.01	1.71	3.40	32.05
TOTALS		40.95	37.65	25.60	35.29	35.12	35.00	34.00	46.74	35.24	35.01	360.60
		D.	32.05									

1936 Gauge in centre of large garden.
1939 (Aug) 2 5" taper measures suffixed to Mr. nimmo.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.			Falkirk (E)	500 yds.	WSW	Falkirk	500 yds.	W.

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

Station No.

5343

RAINFALL at Falkirk (Westbank) Garden

41

County of Stirling

Observer

A. Nimmie Esq.

died 28/3/43

River Basin - Forth - Right Bank

Major H. R. Nimmie (March 1943)

Type of Gauge

Major H. R. Nimmie (1946)

Major H. R. Nimmie (1946)

Major H. R. Nimmie (1946)

Annual Average 26.25 in. based on 14.2 years obs. un-weighted. Period of average 1881-1945 Ref. S

File No.

Diameter	5"			896	685						
Height	1' 0"					1					
Altitude	75'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.72	5.30	4.23	4.32	3.30	4.37	(3.70)	6.92	4.04	3.08	Totals. 40.98
February	3.85	1.53	3.25	1.31	5.08	3.08	(2.00)	4.49	3.89	4.07	32.55
March	3.20	1.71	2.23	.60	2.69	2.74	(3.40)	3.24	1.21	2.63	23.65
April	1.52	2.31	1.92	2.42	1.54	.89	(5.30)	3.08	3.10	2.73	24.81
May	4.36	2.43	3.75	3.29	4.73	1.75	(3.50)	1.63	2.21	1.66	29.31
June	.66	1.5	3.13	2.49	3.44	2.60	(3.80)	5.21	.78	2.09	26.01
July	3.85	2.06	2.65	2.94	3.92	3.44	(4.10)	(4.52)	2.50	5.21	35.19
August	3.89	2.98	5.14	3.92	2.67	(3.30)	0.00	7.76	3.52	3.78	36.96
September	0.89	4.70	2.72	4.29	4.68	(5.70)	3.55	4.86	1.35	7.24	39.98
October	4.11	3.81	6.53	3.86	4.80	(4.80)	1.65	3.38	5.24	3.18	37.36
November	2.27	1.61	1.64	8.06	.47	(6.00)	4.51	2.95	3.04	3.62	33.17
December	2.33	3.16	1.62	4.36	3.27	(3.80)	2.12	3.80	6.71	1.80	32.97
TOTALS	32.65	32.11	38.81	42.16	40.59	(38.47)	37.63				392.94
	D	D	D	D	D	imp.	imp.	D	D	D	LH
						2	2				

1946. No observations Aug-Dec. Gauge taken over by Falkirk Water Engineer.

Obs. resumed January 1947.

00374 19404 00404

Sept. 13. 1946. Good situation, gauge sound. (A.O. gauge 1930) Trapdoor file
1946 July partial.

MS. 5342

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

Station No. 5343

RAINFALL at Falkirk (Westbank) Garden (sic)
 County of Stirling Observer A. Gibson Esq.,
 River Basin Forth-Night-Bank-1
 Type of Gauge.....

Annual Average 36.0 in. based on 40 years obs. unweighted. Period of average 1881-1915 Ref. S
38.03 - " 35 - " 1916-1950 File No. P

Diameter	<u>5"</u>			<u>896</u>	<u>685</u>						
Height	<u>1' 6"</u>					<u>1</u>					
Altitude	<u>75'</u>					<u>51</u>					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	<u>5.17</u>	<u>3.65</u>	<u>(1.51)</u>								
February	<u>2.79</u>	<u>.97</u>	<u>1.42</u>								
March	<u>2.77</u>	<u>2.46</u>	<u>.92</u>								
April	<u>2.48</u>	<u>1.21</u>	<u>1.99</u>								
May	<u>2.06</u>	<u>1.62</u>	<u>1.85</u>								
June	<u>2.05</u>	<u>2.75</u>	<u>1.61</u>								
July	<u>5.02</u>	<u>3.18</u>	<u>5.08</u>								
August	<u>4.89</u>	<u>4.21</u>	<u>2.53</u>								
September	<u>2.34</u>	<u>2.23</u>	<u>3.72</u>								
October	<u>0.79</u>	<u>2.47</u>	<u>1.88</u>								
November	<u>5.03</u>	<u>2.23</u>	<u>5.80</u>								
December	<u>5.40</u>	<u>2.81</u>	<u>4.40</u>								
TOTALS	<u>40.79</u>	<u>29.79</u>	<u>32.71</u>								
	<u>D</u>	<u>D</u>	<u>D</u>								

1953 Jan. obs. copied from Arnside (Cromerison given)

40004

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

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
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Summary of Earlier Records from 10-year Sheets :

1916-1950, P(unc)-accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓