

RAINFALL AT *Falkirk, Inglewood, Lanark*

Lat. ....

Lon. ....

County of *Stirling*

Rain Gauge, by .....

Observer *W. Ballantine Esq.**Forth, R. bank - 1.*

Diameter ....							5				
Height .....							1.3				
Altitude ....							133				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							4.86	1.35	2.31	6.13	
February ....							1.48	2.97	2.51	2.18	
March .....							3.54	4.87	1.54	3.64	
April .....							1.85	1.51	2.30	3.03	
May .....							.59	2.35	1.57	5.16	
June .....							4.73	4.55	2.00	1.72	
July .....							3.98	.97	.81	3.48	
August .....							2.04	4.81	3.35	.95	
September...							4.69	2.46	4.61	3.04	
October.....							3.08	1.44	5.81	3.77	
November...							.92	3.49	5.44	4.40	
December...							5.32	5.11	6.06	3.61	
TOTALS . . .							34.08	35.88	38.31	41.11	

*Falkirk Ch. 1½ miles W.**House 30 feet high 140 feet North**Trees . . . . . South*

# RAINFALL AT Falkirk Inglewood Laminist

Lat. .... Lon. .... County of Stirling

Circular top Rain Gauge, by Adm. W. H. D. ... Observer W. B. Ballantine Esq.  
 Form, Q. 2. 1.

Diameter ..	5										
Height ....	1.3										
Altitude ..	133										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	4.59	2.37	2.52	7.49	3.11	1.63	4.85	2.48	4.79	5.52	3935
February ..	2.56	.94	1.45	7.69	3.19	2.28	2.88	3.22	2.05	1.55	2781
March ....	.85	1.54	2.07	8.48	1.74	3.81	3.46	3.61	4.24	3.31	3311
April .....	2.33	1.96	.60	1.18	4.26	1.95	1.42	1.57	1.03	3.92	2022
May .....	1.17	1.81	1.72	1.95	3.00	1.95	5.02	4.42	2.87	2.88	5679
June .....	3.56	2.06	2.15	2.26	1.62	.67	1.62	4.51	1.64	2.08	2217
July .....	2.82	1.02	3.01	4.44	2.48	2.92	1.52	2.50	4.16	3.06	2793
August ....	3.95	4.06	2.04	4.52	4.42	3.13	5.60	4.67	2.07	3.08	3754
September ..	3.78	1.64	2.25	3.01	2.44	1.96	1.54	1.18	6.32	1.97	2609
October ....	4.92	3.17	1.84	7.62	1.15	2.45	5.39	7.28	1.70	5.89	4141
November ..	4.77	3.02	1.62	2.18	1.50	4.78	4.06	1.73	3.52	2.05	2923
December ..	5.74	3.69	3.44	2.53	4.64	3.30	2.16	4.90	2.10	5.27	3777
TOTALS ..	41.04	27.28	24.71	53.35	33.55	30.83	39.52	42.07	36.49	40.58	3643

1900 Falkirk Church <sup>13/6</sup> 1 1/2 miles N (09)  
 House + Tree <sup>25</sup> high 140 ft N + S  
 1903 Falkirk Station <sup>18/4</sup> 2 miles W (09)

Hand

RAINFALL at Falkirk, Inglewood, Laurieston.County of Stirling Observer W. Ballantine Esq.River Basin North-Right bank trib. 1.Snowdon Rain Gauge, by Adie & Hedderburn.

Diameter ...	5											
Height .....	1	3										
Altitude ...	133	T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	SURV. MEANS. 1910-19	
January ...	5.03	2.19	2.12	4.30	3.80	1.89	5.08	1.81	4.28	3.29	14.46	
February ...	3.47	6.57	2.70	2.74	3.68	3.78	4.60	.70	5.33	1.69	12.32	
March .....	1.37	2.39	4.07	4.40	4.32	1.69	2.75	2.12	1.35	2.76	8.98	
April .....	4.03	2.29	.85	2.64	2.10	2.13	2.17	1.75	.73	2.04	6.69	
May .....	1.81	1.57	1.47	2.00	2.25	1.76	4.76	2.66	2.43	.92	10.57	
June .....	1.22	1.41	5.84	2.76	.61	2.14	3.33	2.31	.58	2.27	8.49	
July .....	4.62	1.92	2.34	1.16	4.16	3.34	3.69	2.33	3.23	1.13	10.38	
August .....	6.48	2.00	3.68	.97	2.51	3.60	3.24	5.47	2.50	2.48	13.69	
September ..	.88	1.48	2.60	2.70	1.02	1.69	1.09	1.61	5.38	2.60	10.68	
October ...	2.83	3.33	3.20	1.67	1.35	3.18	6.52	4.93	4.80	.93	17.18	
November ..	4.09	5.80	3.38	5.10	5.38	1.86	4.11	6.07	2.85	4.83	17.86	
December ...	2.22	4.32	7.71	3.03	6.59	5.18	4.04	2.91	3.37	4.78	15.10	
TOTALS ...	38.05	35.27	39.96	33.47	37.77	32.24	45.38	34.67	36.83	29.52	146.40	

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1910 Home 30 ft high 200 ft d

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	56°	3° 45'	Falkirk	1½ mile	N. (1912) W (1910) W 1918	Falkirk	1½ mile	N. (1912) W (1914) W (1918)



RAINFALL at Falkirk, Inglewood, LawiestonCounty of StirlingObserver W. Ballantine Esq. dined 8.25.River Basin Forth - Right-bank tributariesW. Ballantine  
1920 Miss H.S.D. Ballantine.Snowdon Rain Gauge, by Adie & Reddenburn.(1929) G. Baird

Diameter ...	5"			5								
Height .....	1 3			1 3								
Altitude ...	133			133								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	
January ...	5.00	6.12	3.74	3.45	3.10	4.22	4.33	3.98	8.02	1.84	4.81	Totals 48.61
February ...	5.17	5.3	2.21	4.38	7.8	3.14	3.13	1.71	4.67	1.42	.90	28.04
March .....	3.29	4.78	2.09	1.77	.98	2.45	1.80	2.54	3.02	.41	2.88	25.71
April .....	1.59	1.30	1.96	3.08	1.91	4.30	1.87	1.84	1.39	1.57	.67	21.38
May .....	3.38	1.73	3.10	1.45	5.80	5.53	2.16	1.81	2.00	2.47	1.47	30.90
June .....	1.53	.23	1.50	1.55	2.23	.58	2.33	3.46	5.13	2.27	2.51	23.37
July .....	3.49	2.53	3.95	3.42	3.06	1.41	4.51	4.27	2.26	2.95	4.20	36.05
August .....	5.14	6.02	1.88	5.37	3.23	3.19	2.44	6.31	5.04	4.60	4.83	48.05
September...	1.74	1.84	1.97	4.10	4.40	3.29	3.51	6.27	3.44	.74	4.08	35.35
October .....	1.24	3.92	1.51	4.30	3.05	2.78	4.79	3.56	5.48	4.41	4.51	39.55
November...	2.69	2.23	2.06	3.20	2.58	.49	5.39	2.34	4.41	5.14	3.93	34.46
December...	3.49	5.66	3.69	2.90	5.80	3.24	.97	1.26	3.90	7.13	2.70	40.74
TOTALS...	37.75	36.94	29.66	38.97	36.82	34.62	37.23	39.35	48.76	34.95	37.16	412.21

1920. House 36 ft high 200 ft N. Situation open.

1926. Gauge commenced to leak.

1929. Jan. 1. G. moved 250 yds. E.  
 Hedge 8' high, 30' E & W.  
 Wall 6' " " 110' S.  
 House 20' " " 60' N.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	56°	3°45'	Falkirk	1 1/2 mi	W	Falkirk	1 1/2 mi	W.
1928						Lawieston	100 yds.	W.
1929			Edmont	1 1/2 m.	S.E.	do.	200 yds.	W.

RAINFALL at Falkirk (Inglewood, Laurieston)County of StirlingObserver Miss H.S.D. BallantineRiver Basin 1 - Forth - Right Bank

Type of Gauge

Annual Average 34.8 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. Summary  
computer XII/26

Diameter	5												
Height	1												
Altitude	133												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means		
January	2.31	4.80	3.74	4.82	1.28	4.88	3.21	6.94	4.13	2.96		Totals	39.07
February	2.10	.07	2.85	.27	3.46	2.42	4.47	1.23	5.11	1.09			23.07
March	1.43	2.38	1.76	3.52	1.56	2.59	2.18	2.18	2.32	3.30			23.72
April	2.17	3.10	1.25	3.53	2.74	1.25	1.62	.46	1.72	2.98			20.32
May	3.83	3.11	2.26	1.84	.57	.98	2.12	4.48	1.06	2.77			22.77
June	5.40	1.06	1.12	2.30	3.75	1.83	1.98	3.72	1.42	.77			23.35
July	4.40	3.07	4.40	2.43	1.44	4.81	3.95	3.16	4.35	6.45			37.46
August	2.65	.82	1.66	4.07	2.01	2.34	4.58	2.01	.86	1.31			22.31
September	1.26	4.22	1.14	3.17	5.33	3.60	2.00	4.17	1.84	2.68			27.41
October	2.62	5.22	2.96	4.79	7.87	3.07	4.67	7.39	3.30	3.95			45.34
November	5.71	2.87	2.12	1.03	4.64	3.36	.40	7.55	6.49	4.24			30.41
December	2.86	7.34	.98	3.76	2.02	3.94	2.23	2.62	1.51	3.45			30.71
TOTALS	36.74	38.06	26.24	35.53	30.67	35.04	33.41	45.91	34.11	35.45			357.46
	2.1	2.1	1.5	2.1	1.9	2.1	2.1	2.7	2.1	2.1			1.8

1931. House 30' high 200' N. Stable & garage 15' high, open situation.  
 1934 Gauge moved 120' W on 24.7.34.

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.			Falkirk	1 3/4 m	W.	Laurieston	50 yds.	W.

Station No. 5342RAINFALL at Falkirk (Inglewood, Laurieston)

41

County of StirlingObserver Miss H. S. D. BallantineRiver Basin 1- Forth Right Bank

Type of Gauge.....

Annual Average 34.8 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. ....

Diameter	5"				896	877						
Height	1'0"					1						
Altitude	183'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.61	6.02	3.43	4.02	2.89	4.87	3.67	6.27	3.54	2.75		Totals 39.07
February	3.62	1.46	3.07	.99	4.34	2.86	1.98	4.11	3.44	3.87		29.74
March	3.01	1.81	2.31	.56	3.67	3.50	3.39	2.65	1.19	2.97		25.06
April	1.45	2.56	1.57	2.35	1.52	.73	5.28	2.62	2.97	2.29		23.34
May	4.75	2.53	4.11	2.47	4.13	1.49	3.47	2.07	1.94	1.78		28.74
June	.65	1.16	3.12	2.57	3.78	3.21	3.78	5.48	.84	1.31		25.90
July	3.99	1.66	2.84	3.48	4.13	4.03	4.07	3.61	2.82	4.36		34.99
August	3.52	3.15	5.41	3.53	2.76	3.31	0.00	7.57	2.92	3.51		35.68
September	0.83	5.34	3.05	4.11	5.07	5.67	3.58	4.38	1.24	7.03		40.30
October	4.32	3.36	6.66	3.86	4.69	.76	1.59	3.11	5.14	3.05		36.54
November	2.68	.48	1.61	7.79	.56	5.93	4.56	3.40	2.75	3.31		33.07
December	2.24	3.11	1.45	4.14	3.29	3.76	1.74	3.93	6.02	1.82		31.50
TOTALS	32.67	32.64	38.63	39.87	40.83	40.12	37.11	44.20	34.81	38.05		383.93

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.

BRITISH RAINFALL ORGANIZATION



RAINFALL at Galkirk (Englewood, Larrieston) Station No. 5342  
 County of Stirling Observer Miss H. S. D. Ballantine  
 River Basin Forth - Right Bank - 1  
 Type of Gauge .....

51

Annual Average 34.8 in. based on 37 years obs. un-weighted. Period of average 1881-1915 Ref. S  
37.13 " " " 35 " " 1916-1950 1916-1950 Ref. P  
 File No. .....

Diameter ...	5"				896	877					
Height ...	1'0"					1					
Altitude ...	133'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.71	3.00	.96	3.60	2.72	2.10	4.81	2.66	1.11	3.12	
February ...	1.96	0.61	1.50	3.16	2.96	1.03	3.38	1.85	.99	2.67	
March ...	2.67	2.51	.80	2.42	1.42	1.81	2.82	1.62	1.46	1.20	
April ...	2.21	1.14	1.89	1.72	.88	.77	1.39	1.28	2.40	2.53	
May ...	2.20	1.48	1.85	4.06	3.33	1.47	2.29	2.30	1.08	2.26	
June ...	2.44	2.68	1.44	1.99	1.27	2.95	1.31	3.11	1.48	1.65	
July ...	5.28	2.56	5.40	2.37	.86	4.79	3.56	6.37	5.02	2.81	
August ...	4.52	3.44	2.54	4.16	.95	5.59	3.77	4.04	.44	3.88	
September ...	2.15	2.25	3.29	4.10	2.51	4.16	1.93	3.70	.55	1.80	
October ...	.77	2.23	1.59	8.68	2.30	2.17	2.90	2.17	3.14	4.02	
November ...	5.32	2.11	5.18	4.97	1.64	.64	1.52	1.37	5.18	4.17	
December ...	5.07	2.84	4.22	4.41	5.16	3.92	3.92	5.45	4.96	4.15	
TOTALS ...	38.30	26.85	30.66	40.64	26.00	31.40	33.60	35.92	28.11	34.27	
	d	d	d	d	d	d	d	d	d	d	

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference NS(26)907.757

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) accepted

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