

RAINFALL AT Linlithgow, Preston House

Lat. _____ Lon. _____ County of Linlithgow
 Rain Gauge, by _____ Observer Mr. C. Blair

Forth, Robt - 2.

Diameter ...							5				
Height							- 8				
Altitude ...							380				
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...							3.73	1.70	3.34	4.07	
February ...							1.59	2.30	1.10	1.47	
March							2.90	2.56	3.62	4.09	
April82	1.24	1.02	3.25	
May							5.17	3.05	2.68	2.39	
June							1.60	3.81	1.26	2.50	
July							1.79	2.40	2.97	3.73	
August.....							5.89	3.17	1.33	2.66	
September ..							1.22	.54	4.71	2.03	
October ...							5.81	7.63	1.41	4.76	
November ..							4.23	.88	2.54	1.43	
December ...							1.43	3.73	1.42	4.08	
TOTALS ...							35.88	33.01	27.40	36.46	

1906-10 recd. 17.I.12. entd 25.VII.12

St. Michael's Ch. 1½ m. N.E.

Linlithgow Str. 1½ m. N.E.

RAINFALL at Linlithgow, Preston House

County of Linlithgow

Observer Mr. C. Blair

River Basin North Right Bank Tribs.-2

Snowden Rain Gauge, by Wilson.

Diameter ...	5											
Height	- 8				1 - 0							
Altitude ...	380											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	4.22	1.65	1.99	3.05	3.05	1.86	4.25	1.90	3.69	2.87	2853	
February ...	3.73	4.45	2.48	2.63	3.36	2.91	4.69	.88	3.95	1.79	3087	
March	1.83	1.89	3.69	3.58	4.18	1.75	3.38	2.15	1.08	2.22	2576	
April	3.73	1.63	.66	2.87	1.70	1.74	2.23	1.76	.79	1.90	1901	
May	1.89	1.34	1.12	1.69	2.54	1.68	5.26	1.97	2.99	.81	2129	
June89	1.59	4.55	2.53	.61	1.55	3.12	2.42	.56	1.92	1974	
July	4.32	1.76	2.82	1.06	3.14	4.27	4.00	1.74	2.66	1.02	2679	
August	5.57	1.32	4.58	1.23	2.33	3.92	5.05	5.04	1.89	2.28	3321	
September ..	.87	1.87	2.61	2.46	.85	2.27	1.39	1.43	5.28	2.80	2153	
October ...	2.02	3.64	3.30	1.82	1.71	3.00	6.14	3.91	4.22	1.38	3114	
November ..	3.66	5.48	2.42	3.86	4.71	1.56	4.18	4.75	1.90	5.22	3780	
December ...	2.32	3.27	5.25	2.12	5.24	4.77	3.30	2.77	2.56	4.09	3569	
TOTALS ...	35.05	29.89	35.47	28.90	33.48	31.28	46.99	30.72	31.57	28.30	33.166	

1906-10 recd. 17. I. 12. entd 25.VII.12

1912. Greenhouse 15 ft. high, 15 ft. N.
front face 37 ft. high 15 ft. S. 1918 affteree 15 ft. high 35 ft. S.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1914	55° 56'	3° 37'	Linlithgow	1/2 m.	E. N. E.	St. Michaels	1/2 m.	N. N. E.

RAINFALL at Linlithgow (Buxton House).

County of Linlithgow Observer M. C. Black. (Am.)

River Basin 2 Forth, Rotunda.

Snowdon Rain Gauge, by Wilson

Diameter ...	5										
Height	1.0										
Altitude ...	380										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January	2.80	5.54	3.19	2.40	2.55	4.13	4.34	3.53	7.48	1.46	4.78
February	4.76	5.50	2.51	4.02	8.7	3.10	4.09	1.97	4.64	4.49	.84
March	3.83	4.58	1.67	1.17	1.21	2.44	2.40	2.60	3.00	.37	2.74
April	1.64	1.16	2.26	3.04	1.74	3.86	2.03	1.71	1.27	1.94	.82
May	2.95	1.87	2.00	1.27	5.83	5.55	2.98	1.99	1.65	2.13	1.66
June	1.93	2.1	2.13	1.24	2.32	1.40	2.88	3.40	5.17	2.17	2.17
July	4.01	2.60	3.77	2.41	3.43	1.82	3.53	3.43	2.37	3.22	3.44
August	5.79	6.12	1.51	5.09	3.47	3.48	1.63	7.25	4.30	4.84	5.09
September	1.63	1.87	2.01	3.72	3.78	4.10	3.63	5.98	3.18	.71	3.78
October	2.97	3.71	1.59	3.53	(3.09)	2.82	4.84	4.65	4.47	3.96	4.25
November	3.39	1.69	1.55	3.20	1.99	.69	5.64	2.37	3.84	4.98	4.45
December	3.18	4.47	3.42	3.11	4.34	3.00	.88	1.54	3.47	5.64	2.87
TOTALS	28.28	34.82	27.61	34.25	34.62	35.39	38.90	40.42	44.84	32.91	36.39
	0	0	0	D	D	D	D	D	D	D	D

Greenhouse 12 ft. high. 15 ft. N.

Apple tree 15 " " 35 " S.

1924. Oct. 5th adjusted1925. April 15th & Oct. total rainfall to Obst. & confirmed.

Greenhouse 12 ft. high. 15 ft. N.

Wire arch 7 " " 50 " S.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920.			Linlithgow.	15 m. E. NE		Gullane.	12 m. N.E.	

RAINFALL at Linlithgow (Preston House)

County of Linlithgow

Observer G. Blair (1936) J. May

River Basin 2-Footh- Right Bank.

Type of Gauge Standard

Annual Average 32.6 in. based on 21 years obs. year-weighted. Period of average 1881-1915 Ref. Summary
computed xii/36

Diameter	5"										
Height	1' 0"					0-10					
Altitude	880'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.00	+5.0	3.27	3.62	1.28	4.25	2.77	5.25	4.02	1.56	
February	1.82	-0.6	2.16	2.3	2.83	3.00	3.91	1.90	3.51	.83	
March	1.48	2.44	1.82	3.41	1.19	2.30	1.72	1.68	2.62	2.78	
April	2.44	3.30	1.88	3.92	2.91	1.24	1.36	1.28	1.47	2.40	
May	3.68	3.41	1.78	1.45	1.61	1.81	2.03	4.56	1.86	1.44	
June	5.30	1.35	1.81	2.83	3.16	1.56	1.75	3.35	1.46	.44	
July	4.42	3.98	4.61	3.82	1.50	3.88	3.69	2.58	3.53	5.86	
August	4.41	4.7	1.26	3.48	2.34	1.59	1.70	1.52	1.97	1.13	
September	1.80	3.09	1.21	2.48	4.55	3.05	2.53	2.98	1.76	2.86	
October	2.24	4.82	2.06	4.14	7.12	2.56	4.25	6.25	2.53	4.09	
November	5.12	2.27	1.83	3.4	4.43	2.77	4.40	5.51	5.43	4.14	
December	2.21	7.19	0.64	3.32	1.76	3.37	1.81	2.01	1.12	2.71	
TOTALS	34.52	36.88	23.92	32.99	33.68	30.86	30.92	36.87	29.27	30.24	
	D	D	D	D	D	D	D	D	D	D	

1931. Greenhouse 15' high 13' N.

Rose arch 7' high 60' S.

1934 Rose arch 8' high 75' S.

1934 Glasshouse 14' high 9' N.

Wall 10' 20' NE.

Station renumbered 5159

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.			Linlithgow	1/2 m	E.N.E.	Linlithgow	1/2 m

RAINFALL at Linlithgow (Preston House) 41

County of West Lothian Observer

Station No.

River Basin 2-Forth - Right Bank

Mr. T. Hay died 2/1942

Type of Gauge Short Rod

The Head Gardener

Annual Average 32.6 in. based on 27 years obs. un-weighted. Period of average 1881 - 1915 Ref Survey.

File No.

Diameter	5"			897	584						
Height	0.10.				1						1' 0"
Altitude	380'				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.97	3.93	3.36	3.47	2.25	3.54	3.48	6.83	3.30	2.36	
February	3.52	2.13	2.44	.82	5.25	2.85	(1.14)	3.44	3.38	3.32	
March	3.23	1.49	2.00	.67	2.23	2.84	3.96	2.53	1.40	3.07	
April	1.56	2.51	1.44	2.56	1.40	.72	4.50	2.49	2.37	2.71	
May	6.17	2.12	3.75	2.69	5.02	2.33	3.38	2.38	2.26	2.24	
June	4.4	1.27	3.07	2.86	3.41	2.31	3.51	4.65	.88	2.01	
July	2.61	2.00	2.68	2.52	4.11	3.53	3.53	4.11	2.72	6.17	
August	3.37	2.67	5.00	4.76	2.64	4.50	.03	8.93	4.31	3.79	
September	0.77	-100	3.14	4.64	5.27	5.58	2.63	4.49	1.38	6.96	
October	3.31		5.74	4.22	5.07	.99	1.70	3.05	5.63	2.80	
November	1.95		1.20	8.38	.70	5.36	4.32	3.40	2.65	3.72	
December	1.52	-100	1.46	3.52	3.16	3.19	2.09	3.84	5.81	2.64	
TOTALS	30.47	-100	35.38	41.11	40.51	37.74	34.27	50.14	35.99	41.79	
		Wb wind	P	P	P	P	P	P	P	P	

1942 to abd. available from Sept-Dec. Resumed by new observer in Jan 1943.

See ref 5161

Greenhouse Wall 16°W 20°N

1948 after move. Greenhouse wall and wall as previous.

Wall 16° 44 N

Beds/Trees 70'-80' high behind hedge to N

Trees 70-80° 144 N

Walls and trees 80-100yds SSW.

Wall & Trees 80-100 yds S, E & W

2000ft

1947 Feb. adj for snow 1948. Gauge moved to receive 25.2-48. Gauge tested & found in order. To be inspected

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	Parish Church.	Distance from gauge

Station No. 5159

RAINFALL at Linlithgow (Preston House)

51

County of West Lothian

Observer The Head Gardener

River Basin 2-Forth - Right Bank

Type of Gauge Snowdon

Annual Average 32.6 in. based on 27 years obs. unweighted. Period of average 1881-1915
 " " 35.78 " " 41 " " within 1916-58. " " " 1916-50 Ref Survey
 File No. 8.

Diameter ...	50		897	584							X
Height ...	110"			1							
Altitude ...	380'			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.75	3.48	0.75	3.75	2.69	2.14	5.70	2.49	1.20	4.10	
February	2.56	.80	1.29	2.48	2.63	2.15	3.64	2.49	1.28	3.30	
March	4.01	2.11	.59	2.55	1.97	1.71	2.84	1.87	1.53	2.08	
April	2.90	1.31	2.64	1.77	.90	1.63	2.14	1.69	2.63	1.88	
May	2.66	1.76	2.58	4.66	3.52	1.64	2.76	3.40	1.20	2.44	
June	2.32	2.90	1.44	2.66	1.33	3.48	2.00	4.23	2.02	1.44	
July	6.88	2.51	5.52	2.86	1.02	4.78	3.62	6.46	3.94	3.14	
August	5.79	3.74	3.26	4.79	1.37	6.39	3.20	5.28	.84	4.09	
September	2.30	2.71	3.65	4.71	2.57	4.65	2.37	4.06	.92	1.97	
October	0.65	2.54	1.52	8.71	2.14	2.33	3.30	2.40	3.27	4.48	
November	5.66	2.27	4.98	4.67	1.56	.79	1.95	1.50	6.93	3.57	
December	4.44	2.71	3.86	4.77	5.02	4.04	4.24	5.91	5.24	3.99.	
TOTALS ...	44.82	28.84	32.08	47.88	26.72	34.29	37.76	41.78	31.00	36.48	
	9mp	D	D	D	D	D	D	D	np	D	

1951. np. high

1952. Pning.

1959. np high.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference NS(26) 99.758

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓ np 1942	✓
		/ 1st d 13.11.	/ 1st d 22.	✓	✓	