

RAINFALL AT Do'ness Garage
Linlithgow

Observer H.M Cadell Esq

Rain { By
Gauge { float
Diameter 3 in. Height above Ground, ft. in. Above Mean Sea Level 20. ft.

Fork, E bank - 2.

YEAR.....					1855	1856	1857	1858	1859	MEANS
January.....						2.00	1.55	2.20	3.20	
February.....						3.15	.55	1.00	2.90	
March.....						1.10	.15	2.10	.40	4.00
April.....						.90	1.75	2.60	1.10	3.30
May.....						1.70	3.65	1.10	2.00	.20
June.....						2.10	3.00	3.30	.90	1.40
July.....						3.20	1.70	1.15	4.70	2.50
August.....						3.00	3.25	1.40	1.70	1.40
September.....						.30	4.00	3.55	2.20	1.20
October.....						3.00	1.05	1.75	3.35	2.30
November.....						1.40	.50	2.10	1.50	2.10
December.....						1.80	3.40	2.85	2.25	1.30
TOTALS						27.60	24.00	23.30	25.80	

From 20 year form

RAINFALL AT Boness Grainger
Linlithgow

Observer H.M. Cadell Esq.

Rain { By Float
Gauge Diameter 3 in. Height above Ground, 1 ft. 7 in. Above Mean Sea Level 20 ft.

Forth R. bank - 2.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	3.50	1.10	4.10	5.00	1.50	1.70	3.00	2.70	3.90	4.00	3.050
February.....	2.00	2.60	.90	1.60	2.70	1.70	3.90	2.80	5.20	4.20	2.760
March.....	2.15	3.40	4.50	1.10	3.40	.80	1.80	.80	2.90	.60	2.140
April.....	.50	.70	2.10	2.30	1.30	.60	.90	3.00	3.10	.30	1.480
May80	.30	2.80	1.80	1.30	2.30	1.10	3.20	2.90	1.00	1.750
June	7.00	2.40	3.10	2.70	2.30	1.00	.80	1.80	.60	1.60	2.330
July	4.80	4.00	3.20	.60	1.60	2.60	3.20	3.70	.40	.80	2.490
August.....	3.70	4.60	3.10	2.90	.90	3.50	3.80	2.00	3.90	.50	2.890
September.....	2.40	4.20	2.50	2.80	3.30	.40	2.90	2.30	2.30	4.00	2.710
October.....	3.00	2.75	5.45	3.20	3.00	4.30	1.70	2.50	2.60	2.00	3.040
November.....	3.40	4.00	1.50	2.00	1.50	2.60	2.80	.70	1.30	1.90	2.170
December.....	2.60	1.30	2.90	2.40	2.40	2.20	4.00	1.50	4.50	3.20	2.700
TOTALS	35.85	31.35	36.15	28.40	25.20	23.70	29.90	27.00	33.60	24.10	29.510

From 20 year form

RAINFALL AT Bo'ness Grange

70

Lat.

Long.

County of

Linlithgow

Float Rain Gauge, by

Observer

H.W. Cadell Esq

Forth, R. bank - 2.

Diameter.....	3									
Height.....	1.0									
Altitude.....	20									
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879
January.....	3.50	2.30	4.40	3.70	2.90	3.40	1.50	6.00	3.30	
February.....	1.70	3.40	4.00	2.60	.55	.50	3.30	2.10	2.50	
March.....	.50	1.80	2.30	1.20	2.00	.50	4.80	1.60	1.40	
April05	4.60	1.40	1.60	.90	1.50	3.80	2.15	1.50	
May.....	2.00	.90	3.60	2.80	1.30	1.00	1.20	1.50	2.75	
June	2.00	2.10	4.30	.90	.80	2.30	1.30	1.60	2.80	3.10
July.....	2.10	3.00	3.80	3.90	3.30	2.20	2.10	3.80	.70	3.70
August	1.00	2.70	4.60	3.40	5.50	2.60	2.30	7.40	3.15	4.30
September.....	2.25	2.30	5.20	3.50	2.20	3.10	4.60	1.20	4.15	2.20
October.....	2.00	2.50	3.30	6.50	4.50	3.60	3.60	3.30	2.80	1.40
November.....	1.40	2.50	3.60	1.70	3.00	4.50	3.00	3.60	1.50	1.30
December	2.60	2.40	3.30	2.20	1.20	2.80	7.00	1.60	2.00	1.40
TOTALS	20.70	30.50	43.80	34.00	28.15	28.10	38.50	35.85	28.55	

From 20 year form

RAINFALL AT Bonny Brae

Lat.

Long.

County of

Linlithgow

Forth Brae - 2.

Float Rain Gauge, by

Observer

H. McFadell Esq

Diameter . . .	3									3	
Height . . .	1	-								1.0	
Altitude . . .	20									20	
Year . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MENS.
January . . .	1.10	1.00	1.50	.	4.50			.80		.95	
February . . .	1.90	1.80	2.00	.	2.00				2.20	.60	
March . . .	2.75	1.00	2.00	.	2.00				3.50	.55	
April . . .	2.90	.50	2.00	2.00	.50				3.00	2.00	
May30	1.80	1.30	1.40	2.40				2.50	2.90	
June . . .	1.35	1.60	2.40	1.50	.10				2.30	.60	
July . . .	3.75	5.20	2.50	5.60	5.50			1.20	5.30	1.40	
August70	4.00	1.80	2.60	1.00			1.10	1.40	2.50	3.90
September . . .	2.30	2.40	2.30	3.50	2.00			4.10	3.20		.60
October . . .	1.40	2.10	3.20	2.50	2.00			4.90	1.30		2.50
November . . .	3.40	5.40	4.40	4.10	2.50			2.00	4.00	5.30	.40
December . . .	3.60	2.00	3.60	1.90	3.50			1.70	.95	.60	1.30
TOTALS . . .	25.45	28.80	29.00		28.00					17.70	

7.000

Garden Church 1/4 mile E

Gauge on a small grass plot in the middle of an old garden surrounded by walls and trees but not immediately sheltered -

RAINFALL AT Bo'ness Grange

Lat.

Long.

County of Linlithgow

Rain Gauge, by

Torr. R. Black - 2.

Observer H.M. Cadell Esq.

Diameter	3										
Height	1.0	.9	1.0			6					
Altitude	20										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.50	1.80	1.80	.90	4.32	1.64	1.30				
February70	.30	2.50	3.30	8.38	1.50	.95				
March	1.75	2.80	.90	.70	2.62	4.69	2.46				
April70	.50	.50	1.00	1.44	1.59	1.22				
May	1.20	1.00	3.30	1.60	2.41	.42	.66				
June	2.50	.30	3.95	1.50	2.67	3.27	3.75				
July	2.00	1.90	2.00	1.80	3.09	6.77	3.87				
August	3.75	3.30	6.30	3.70	4.66	7.97	2.38				
September	2.90	4.50	2.30	.90	.00	1.60	3.55				
October	2.00	2.30	3.50	3.00	4.29	4.27	2.81				
November	5.00	2.00	2.10	2.00	2.56	3.61	.74				
December95	6.10	.75	3.00	2.49	3.60	4.42				
TOTALS	28.95	26.80	29.90	23.20	38.93	40.93	28.11				

(30.00) - estd for Glasgow Water Vill. 13.

1891 Carriden Chmel 1/2 mile E

1894 Jan'y 1st New Snowdon gauge fixed

1895 Ten to twelve inches too big.

RAINFALL AT Bo'ness, Grange House

Lat.

Lon.

County of Linlithgow

Rain Gauge, by

Observer H. M. Cadell Esq

Forth, Rbank - 2.

Diameter ..				5						
Height ..				0 4				0 2		
Altitude ..				14						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	MEANS.
January ..				5.19	2.35	1.04	3.48	1.28	3.62	3.49
February ..				5.84	2.48	1.17	1.56	1.96	1.01	.96
March ..				6.26	1.19	3.05	2.46	2.06	3.46	2.70
April85	2.95	1.19	.70	1.06	1.36	2.91
May				1.57	2.25	1.28	4.04	2.98	2.28	2.09
June				1.67	1.49	.40	1.48	3.65	1.51	1.60
July				3.94	1.80	2.11	1.59	2.56	3.10	2.44
August				3.21	4.33	2.02	5.30	3.92	2.31	1.96
September ..				2.05	1.84	1.65	.91	1.06	3.87	1.65
October....				5.50	.84	1.96	5.09	6.40	1.34	4.21
November ..				1.46	.88	3.70	3.26	1.29	2.34	1.25
December ..				1.36	3.24	2.36	1.57	3.72	1.29	3.47
TOTALS ..				38.90	25.64	21.93	31.44	32.24	27.49	28.73

1908 ? moved.

RAINFALL at Bo'ness, Grange

County of Linlithgow. Observer H. M. Cadell Esq.

River Basin Forth - Right bank trib. 2.

Rain Gauge, by

Diameter ...	5										
Height	0 2										
Altitude ...	14										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	3.95	1.12									
February ...	2.34	3.25									
March	1.32	1.78									
April	2.51	1.29									
May	1.27	1.24									
June	1.02	1.33									
July	4.17	1.70									
August.....	4.90	1.18									
September ..	5.7	1.15									
October ...	1.74	2.72									
November ...	2.79	4.06									
December ...	1.44	2.59									
TOTALS ...	28.02	23.41									

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I. moved to Linlithgow (Grange) ? before 1911 or after

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Bónes, Grang. School.

County of Linlithgow Observer John Gray. B.Sc.
 River Basin 2. Firth. N. Bank Ralph Stark (1925)

Rain Gauge, by _____

Diameter ...				5"							
Height				2			0 - 10				
Altitude ...				100			80		95		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.20	3.23	3.10	4.20	3.09	6.93	1.37				
February ...	3.23	7.9	3.35	4.01	2.67	3.65	1.41				
March	2.26	9.5	2.31	1.58	2.38	2.86	3.2				
April.....	2.75	1.30	3.91	1.70	1.15	1.05	1.87				
May	1.40	6.08	4.59	2.99	2.60	1.68	2.24				
June	1.14	2.73	3.6	2.97	3.31	5.25	2.14				
July	1.	2.70	2.02	3.30	2.85	1.56	2.64				
August	(9.31	3.18	2.40	1.85	7.65	3.95	4.19				
September...	2.96	2.95	3.28	3.02	5.75	2.82	5.56				
October.....	2.37	2.16	2.65	4.82	3.52	4.79	3.81				
November...	3.40	2.21	.52	5.20	1.78	3.75	4.62				
December...	3.47	? 4.65	2.62	.52	1.40	3.20	5.28				
TOTALS...											30.46
											# 96326529.

1923 only fully accumulated.

1925, g. moved in Nov. 83 feet S.

Stone wall 6' 9" high. 37° ft. E.

" 16' 6" " 90 ft. S.

School wall 52' " 82 ft. S.W.

22.XII.36. 1929 values received from Edinburgh. (f. 491819/36)

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 from gauge	Parish Church.	Distance from gauge
			Bónes	1 m	N.W.	Carriden	½ m. E