

RAINFALL AT *Douess Gauge**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, 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 Grange* *Linlithgow*

Observer *H. M. Cadell Esq.*

Rain { By.....

Gauge { *Float*.....

Diameter.....*3*.....in.

Height above Ground,*1*.....ft.....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
May.....	.80	.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

Boiness Grange **70**

Lat.

Lon.

County of *Linlithgow*

Float Rain Gauge, by

Observer *H.M. Cadell Esq*

Forth, R. bank - 2.

Diameter.	3										
Height.	1.0										
Altitude.	20										
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
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		
April. ....	.05	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	2.20	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 Bonno Gauge

Lat. _____

Lon. _____

County of _____

Linlithgow
Float Rain Gauge, by _____

Observer _____

H. M. Fadell Esq
Form R. 100-2.

Diameter . . .	3									3	
Height	1 -									1.0	
Altitude	20									20	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
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					.55	
April	2.90	.50	2.00	2.00	.50				3.50	2.00	
May . . . . .	.30	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		2.50	1.20	5.30	1.40	
August . . . . .	.70	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	

7.60

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 Do'ness Grange

Lat. _____

Lon. _____

 County of Linlithgow

Rain Gauge, by _____

 Observer H. M. Cadell Esq.
Fork, R. bank - 2.

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				
February ....	.70	.30	2.50	3.30	8.38	1.50	.95				
March	1.75	2.80	.90	.70	2.62	4.69	2.46				
April .....	.70	.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	1.30	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				
December ....	.95	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) = ests for Glasgow Water VIII. 13.

1891 Carriden Chmrl 1/2 mile E

1894 Jan'y 1st New Snowden gauge fixed

1895 Ten to twelve inches too big.

RAINFALL AT

Dones, George House

Lat.

Lon.

County of *Lincoln*

Rain Gauge, by

Observer *H. M. Goddard Esq*

70th, Rbank - 2.

Diameter ..				5							
Height				0 4				0 2			
Altitude ..				14							
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	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	2.36	3.46	2.70	
April .....				.85	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	

1906 ? 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									

D D

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

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

RAINFALL at Boness, Grange SchoolCounty of LinlithgowObserver John Gray, B.Sc.River Basin 2. Forth. N. BankRalph 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	1.79	3.35	4.01	2.67	3.65	1.41		
March				2.26	1.95	2.31	1.58	2.38	2.86	.32		
April				2.75	1.30	3.91	1.70	1.15	1.05	1.37		
May				1.40	6.08	4.59	2.99	2.60	1.68	2.24		
June				1.14	2.73	.36	2.97	3.31	5.25	2.14		
July					2.70	2.02	3.30	2.85	1.56	2.64		
August				9.31	3.18	2.40	1.55	7.65	3.95	4.19		
September...				2.96	2.95	3.28	3.02	5.75	2.82	.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...				34.49	32.93	31.11	35.86	38.15	41.49	30.46	963265/29.	

1923 July & Aug 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.

22.11.36. 1929 values received from Edinburgh. (f. 497819/36)

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	Direction from gauge
			Boness	1 m	N.W.	Carriiden	$\frac{1}{2}$ m.	E