



# RAINFALL AT Leinlithgow Rockville Leinlithgow

Observer Mrs. AdieRain By AdieGauge Side-TubeDiameter 1.5 in.Height above Ground, 5 ft. 1.5 in.Above Mean Sea Level 760 ft.Form, Blank 2.

YEAR.....	1850	1851	1852	1853	1854	1855	1856	1857	1858	1859	MEANS.
January.....	1.79	4.47	4.52	4.01	4.18	1.04	2.03	1.95	2.00	3.28	2.930
February.....	4.25	1.24	2.55	1.64	1.51	1.06	3.19	.47	.88	2.85	1.964
March.....	.26	3.57	.79	.77	1.31	1.31	.14	2.18	.82	3.39	1.454
April.....	1.27	2.05	.79	.74	.42	.70	1.66	2.15	1.35	3.50	1.463
May.....	2.19	.35	1.96	.62	2.96	2.02	3.45	1.66	2.35	.42	1.798
June.....	1.38	3.61	2.58	4.34	4.15	2.19	3.39	4.13	1.64	1.86	2.927
July.....	2.09	3.62	3.22	3.89	3.01	3.20	1.95	1.08	5.16	2.72	2.994
August.....	2.93	5.21	3.69	4.44	1.60	3.10	2.93	1.64	1.74	1.70	2.898
September.....	2.16	.89	1.38	1.60	1.54	.31	4.32	4.62	2.10	2.15	2.107
October.....	1.13	1.69	3.01	4.31	2.04	3.01	.95	2.05	3.32	2.82	2.433
November.....	3.15	.87	4.68	1.10	2.76	1.41	.74	2.30	1.47	2.71	2.119
December.....	2.24	.68	7.71	1.19	2.30	1.65	3.01	2.70	1.94	2.18	2.560
TOTALS ....	24.84	28.25	36.88	28.68	27.78	21.00	27.76	26.93	24.77	29.58	27.647

For about 3 years (before the garden was made) the gauge was at the lowest part of the ground it was then moved to the position described on 70 sheet.

# RAINFALL AT *Linlithgow Rectville* *Linlithgow*

Observer *M<sup>rs</sup> Adie*Rain { By *Adie*Gauge { *Side tube*Diameter *1 1/2* in.Height above Ground, *5* ft. *6* in.Above Mean Sea Level *260* ft.*Fort, L. bank - 2.*

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....	3.75	1.34	4.33	4.34	1.68	1.95	3.71				
February.....	1.85	2.30	.95	1.18	2.55	.45					
March.....	2.31	4.06		1.24	5.22	.75		1.08			
April.....	.33	.91	2.25	2.21	1.33	.63	.76	2.65	3.26	.91	
May.....	1.49	.62	3.66	1.71	1.74	3.02	1.22	3.16	2.18	1.44	
June.....	4.57	2.49	2.88	2.64	1.68	.40	1.74	2.23	.77	1.68	
July.....	2.40	4.03	3.20	.35	2.12	3.19	3.04	4.43	.26	1.18	
August.....	2.59	5.07	4.22	2.79	.99	3.90	3.80	3.22	4.53	.85	
September.....	.86	4.57	2.28	3.14	2.94	.77	3.59	2.63	2.65	3.80	
October.....	3.86	2.57	4.88	3.11	5.68	4.70	2.45	2.36	2.59	1.70	
November.....	3.42	4.44	1.60	2.25	2.01	2.41	2.50	.64	2.07	1.90	
December.....	2.91	1.22	3.45	2.91	2.11	1.90	3.38	1.28	3.17	2.44	
TOTALS ....	30.34	33.62		27.87	30.05	24.07					

*In the months for which no value is entered the gauge was left open for fear of damage by frost.*

## RAINFALL AT

*Linlithgow Rectville*  
*Linlithgow*

Observer *W. A. D. C.*

Rain { By.....

Gauge { Diameter.....3.....in. Height above Ground, .....ft. 5.....in. Above Mean Sea Level 260. ft.

Forth, Rebank - 2.

YEAR.....		1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....		6.30	5.40	2.05	2.30	4.40	3.10	5.70	2.60	
February.....			1.90	3.00	1.83	5.05	.31	4.10	4.50	
March.....		5.10	1.10	5.30	1.00	2.00	1.75	3.00	1.60	
April.....		2.43	2.20	1.50	.55	1.03	2.85	3.70	1.45	
May.....		3.27	1.85	1.80	2.95	1.00	2.60	2.20	.90	
June.....		2.70	2.60	1.50	.30	2.20		.50	1.00	
July.....		2.90	.10	2.00	3.10	3.25	6.50	.26	.90	
August.....		4.60	2.90	1.85	4.10	4.00	3.45	4.10		
September.....		2.50	3.25	3.10	.70	3.80	2.00	3.00	4.80	
October.....		5.70	3.40	6.18	4.90		2.45	2.30	1.25	
November.....		1.60		2.15	2.50	5.05	.90	2.10		
December.....		4.00	6.20	2.85	2.10	3.20	1.70	4.50	5.30	
TOTALS .....		41.10	30.90	33.28	26.33	34.98	27.61	35.46	24.30	

*In unsheltered position a few feet from other gauge.*



# RAINFALL AT *Lindisgow Rockville* 70

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of *Lindisgow*  
*Side-tube* Rain Gauge, by *Adie* Observer *Jas Adie*

*Fork, Rbank - 2.*

Diameter.....	$1\frac{5}{16}$										
Height.....	5.10										
Altitude.....	260										
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.40										
February.....	1.96		3.10								
March.....	.72	1.89	1.55		2.22	1.02					
April.....	.42	4.54	1.42	.20	2.34	.92		3.09	1.26		
May.....	1.71	.81	3.77	2.79	1.29	1.32		2.17	3.46	.34	
June.....	1.77	1.47	4.30	1.27	1.29	2.25		2.84	2.70	4.32	
July.....	1.57	2.93	3.90	3.75	2.66	2.41		3.77	.58	3.78	
August.....	.88	2.83	4.52	3.77	5.41	1.83		8.22	4.94	4.80	
September....	2.64	2.66	5.56	4.09	2.77	2.44	4.90	1.29	3.50	2.28	
October.....	2.55	2.74	3.34	5.96	4.19	4.61	3.71	3.77	1.98	1.52	
November....	1.55	2.19	3.32	1.74	2.51	5.03		3.60	1.79	1.49	
December....	3.10	2.86	2.72	1.85				2.26			
TOTALS ....	21.27										

1876 Tube broken & renewed

In the months for which no value is entered the gauge was left open for fear of damage by frost.

Gauge near the middle of a large garden, highest to the S and sloping considerably to the N. at the most open part of a level walk running E & W.  
 Rhododendrons 7 to 10 ft high 17 ft distant.

# RAINFALL AT *Linlithgow Rockwell* 70

Lat. .... Lon. .... County of *Linlithgow*  
*Float* Rain Gauge, by .... Observer *Mr Adie*

*Fork, Rank - 2.*

Diameter. ....	3											
Height. ....	- 8											
Altitude. ....	260											
Year. ....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January. ....		3.00	5.10	4.10	3.50	6.00	2.00	8.00	3.60	1.20		
February. ....		3.10	2.60	.95	.95	6.00	4.40	3.30	1.60	1.20		
March. ....		2.00	2.70	2.10	2.53	1.80	4.30	1.80	.90	3.20		
April. ....		4.90	1.40	.00	1.10	1.20	4.80	3.10	1.50	1.50		
May. ....		2.15	3.70	2.80	2.30	2.30	1.00	2.90	3.50	1.20		
June. ....			4.10	1.20		2.30	2.30	2.70	2.80	3.80		
July. ....		3.10	3.80	3.75	2.40	2.30	2.70	3.60	.30	5.10		
August. ....		2.90	5.05	3.80	6.80	1.80	3.40	8.70	5.00	4.60		
September. ....		2.60	5.70	5.00	2.90	3.60	6.00	1.30	4.40	1.90		
October. ....	2.40	2.70	3.50	6.00	4.30	5.10	3.80	4.00	3.30	1.60		
November. ....	1.63	2.20	4.30	1.90	4.00	5.90	3.80	4.10	4.00	1.49		
December. ....	3.10	2.90	3.40	1.90	1.00	4.40	9.30	2.80		1.95		
TOTALS. ....		31.55	45.35	33.50	31.78	42.70	46.80	46.30	30.90	28.74		

1873 April Amount too small to be measurable.

In unsheltered position a few feet from other gauge.

RAINFALL AT Linsithgow, RockvilleLat. .... Lon. .... County of LinsithgowRain Gauge, by ..... Observer H. Buchan Esq.Fork, Rebank - 2.

Diameter .....	.10			.5			.5	.	.		
Height .....	5.0			.4			.5	.	.		
Altitude .....							260	.	.		
YEAR .....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		3.00	5.10	4.10	3.50	6.00	2.00	8.00	3.60	1.20	
February.....		3.10	3.10	.95	.95	6.00	4.40	3.30	1.60	1.20	
March .....		1.89	1.55	2.10	2.22	1.02	4.30	1.80	.90	3.20	
April.....		4.54	1.42	.20	2.34	.92	4.80	3.09	1.26	1.50	
May .....		.81	3.77	2.79	1.29	1.32	1.00	2.17	3.46	1.59	
June.....		1.47	4.30	1.27	1.29	2.25	2.30	2.84	2.70	4.32	
July .....		2.93	5.90	3.75	2.66	2.41	2.70	3.77	.58	3.78	
August.....		2.83	4.52	5.77	5.41	1.83	3.40	8.22	4.94	4.80	
September.....		2.66	5.56	4.09	2.77	2.44	5.00	1.29	3.50	2.23	
October.....		2.74	3.34	5.96	4.19	4.61	3.80		1.98	1.52	
November.....		2.19	3.32	1.74	2.51	5.03	3.80		1.79	1.49	
December.....		2.86	2.72	1.85	1.00	4.40	9.30		2.21	1.95	
TOTALS .....		31.02	42.60	32.57	30.13	38.23	46.80		28.52	28.78	

Readings of two gauges mixed

1871 23 years

\*1875 Feb started by Mr Adie to be correct



# RAINFALL AT Linlithgow Rockville

Lat. ....

Lon. ....

County of

Linlithgow

Float Rain Gauge, by

Observer

Mrs Adie

Form. R. bank - 2

Diameter ....	3										
Height .....	8										
Altitude ....	260										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.15	.60	3.20	4.12	5.75	2.53	5.10	1.18	2.12	1.23	2.698
February ....	1.80	4.60	2.75	1.50	2.30	3.24	1.07	2.58	1.55	2.35	2.374
March .....	2.00	2.40	4.04	1.00	2.90	1.20	2.88	1.90	5.30	1.10	2.472
April .....	5.50	.48	2.80	1.40	.70	1.48	1.40	1.38	1.60	3.00	1.974
May .....	.60	2.20	1.52	1.20	2.90	2.76	4.17	.90	2.40	2.94	2.159
June .....	1.00	1.95	2.66	2.03	.30	.50	1.50	.48	2.38	.70	1.350
July .....	4.00	3.62	2.93	4.80	4.58	1.00	2.65	1.87	5.23	2.96	3.364
August .....	.38	5.00	1.50	2.87	.90	2.00	.83	2.85	1.53	5.02	2.288
September....	(2.40)	2.55	2.18	1.88	2.36	3.40	3.73	4.44	.70	1.16	2.480
October ....	1.25	1.95	2.85	3.34	2.30	2.10	3.80	1.36	1.55	3.45	2.395
November....	4.60	3.70	4.57	4.60	3.06	1.85	1.87	4.50	5.72	.82	3.529
December ....	3.40	2.30	3.56	2.40	5.45	1.53	3.85	1.70	2.08	1.91	2.818
TOTALS ....	(28.08)	31.35	34.56	31.14	33.50	23.59	32.85	25.14	32.16	26.64	29.901?

1880 Sept<sup>7</sup>. New gauge of same pattern as old one except that it had no tap and the water was emptied out at the top.  
 1880 During the first four months the tap at bottom of gauge was not perfectly tight

In unsheltered position a few feet E of other g.  
 "The low gauge was most frequently in excess while the first one was in use; but the reverse has been the case ever since the new low gauge was substituted. It is in exactly the same place as the first; when last months rain was emptied it was put into the old gauge to test it and read exactly the same. The opening for the measuring rod which also admits the rain is larger in the present one than in the old one and there are two small holes to empty the rain." Louise Adie 8-5-89



# RAINFALL AT *Rockville Linlishgow*

Lat. ....

Lon. ....

 County of *Linlishgow*
*Side-tube Rain Gauge, by Adie*

 Observer *Mrs Adie*
*Form. R. bank - 2.*

Diameter ....	$11\frac{5}{12}$											
Height .....	5.10											
Altitude ....	260											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....												
February ....			2.62									
March .....			3.71		2.74	1.18						
April .....			2.85	1.52	.72	1.51	1.46	1.47		2.98		
May .....	.64	2.45	1.71	1.36	2.95	3.02	4.34	.93	2.54	2.93		
June .....	.98	2.24	2.93	2.24	.43	.59	1.67	.52	2.47	.84		
July .....	3.93	3.87	3.31	5.18	5.06	1.11	2.91	2.19	5.44	3.03		
August .....	.38	5.28	1.75	3.02	1.06	2.18	.99	3.00	1.75	5.19		
September....	2.43	2.64	2.35	2.09	2.48	3.55	3.81	4.55	.84	1.33		
October ....	1.44	2.10	2.83	3.22	2.33	2.25	3.79	1.42	1.57	3.55		
November....		3.42			3.15	1.79	1.92			.85		
December ....										1.95		
TOTALS ....												

*In the months for which no value is entered the gauge was left open for fear of damage by frost.*

# RAINFALL AT Linlithgow - Rockville

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Linlithgow

Rain Gauge, by \_\_\_\_\_

Observer A. Buchan, Esq.

Form, R. Gauge - 2.

Diameter ....	5										
Height .....	0.5										
Altitude ....	260										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.15	.60			5.75	2.53					
February ...	1.80	4.60			2.30	3.24					
March .....	2.00	2.40			2.74	1.18					
April .....	5.50	48			.72	1.51					
May .....	.60	2.45			2.95	3.02					
June .....	1.00	2.24			.43	.59					
July .....	4.00	3.87			5.06	1.11					
August .....	38	5.28			1.06	2.18					
September...	2.40	2.64			2.48	3.55					
October .....	1.25	2.10			2.33	2.25					
November...	4.60	3.42			3.15	1.79					
December ...	3.40	2.30			5.45	1.53					
TOTALS ....	28.08	32.38			34.42	24.48					

Returns of two gauges mixed

# RAINFALL AT Lindisgow Rockville

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Lindisgow

Rain Gauge, by \_\_\_\_\_

Observer \_\_\_\_\_

Mr. Adie

Fork, R. bank - 2.

Diameter ....	3											
Height .....	0 9											
Altitude ....	260											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	5.42	1.60	1.40	.50	3.82	1.30						
February ....	1.05	30	3.00	4.00	9.20	.40						
March .....	1.92	3.62	1.23	1.10	2.80	2.70						
April .....	.78	.23	.84	1.20	1.40	1.70						
May .....	1.60	1.40	2.90	1.47	2.60	.53						
June .....	2.29	.42	4.10	1.18	3.10	1.42						
July .....	2.72	1.70	1.70	3.00	2.65	4.83						
August .....	3.52	3.62	6.90	2.95	4.35	6.00						
September....	2.10	4.00	2.52	1.11	.37	1.13						
October .....	2.20	2.06	3.60	3.30	3.90	3.48						
November....	5.30	2.15	2.10	1.58	3.00	3.23						
December ....	1.80	6.00	1.70	2.40	2.40	4.50						
TOTALS ....	30.70	27.10	31.99	23.79	39.59	31.22						





