

# RAINFALL AT

Moffat Eriestane

70

Lat.....

Lon.....

County of... Dumfriesshire

Rain Gauge, by.....

Observer... Mr. Welsh

Area - 14.

Diameter.....											
Height.....											
Altitude.....						550					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	5.55	5.59	4.78	11.60	7.60	12.20	3.90	14.80	6.30	1.60	8.452
February.....	7.59	6.22	7.11	1.30	4.10	2.60	6.90	5.20	3.80	3.00	4.848
March.....	2.43	4.57	5.76	3.40	3.40	2.60	7.50	2.70	3.20	3.50	3.906
April.....	1.85	3.66	1.52	.30	5.00	1.60	3.70	3.30	1.60	1.40	2.393
May.....	5.25	1.16	3.05	2.25	1.40	2.20	.90	4.10	4.80	2.80	2.791
June.....	1.48	3.27	2.69	1.75	1.90	5.50	3.70	4.70	3.50	6.30	4.079
July.....	1.95	5.30	4.51	9.30	3.90	3.10	1.00	4.20	.50	4.90	3.866
August.....	1.99	3.66	3.84	5.35	9.20	3.40	5.10	4.90	3.80	6.60	4.784
September.....	4.87	1.06	7.45	4.25	7.20	9.40	2.80	3.70	6.00	6.20	5.293
October.....	8.56	5.49	5.76	7.50	12.10	5.30	6.10	7.90	5.70	2.40	6.681
November.....	2.63	3.27	9.03	3.90	5.60	7.30	4.40	12.30	2.60	1.50	5.253
December.....	1.85	8.19	14.50	5.10	6.10	8.00	11.30	6.30	7.60	4.50	7.344
TOTALS.....	46.00	52.1	86.0	56.00	67.50	63.80	57.30	74.10	49.40	44.70	59.600

two line  
(52.20/56.70)

1870 estimated from Kirkpatrick justa Broomlands  
Drumlanrig Castle & monthly distributions  
from Broomlands alone

1874 & 1875 Estimated (Mid Lanark 1912)

# RAINFALL AT *Moffat, Ericstane*

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

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

 County of *Dumfries*

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

 Observer *Mr. Welsh*
*Annan - 4.*

Diameter ....										3	
Height .....										- 6	
Altitude ....	<i>550</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>3.00</i>	<i>1.00</i>	<i>5.65</i>	<i>9.20</i>	<i>10.70</i>	<i>5.30</i>	<i>6.75</i>	<i>4.35</i>	<i>4.65</i>	<i>3.40</i>	<i>5.400</i>
February ....	<i>7.60</i>	<i>4.20</i>	<i>6.70</i>	<i>7.80</i>	<i>9.25</i>	<i>9.70</i>	<i>3.60</i>	<i>3.45</i>	<i>1.20</i>	<i>2.80</i>	<i>5.630</i>
March .....	<i>2.90</i>	<i>4.30</i>	<i>5.60</i>	<i>3.65</i>	<i>6.60</i>	<i>3.85</i>	<i>6.05</i>	<i>1.20</i>	<i>3.90</i>	<i>2.80</i>	<i>4.085</i>
April .....	<i>6.60</i>	<i>1.80</i>	<i>7.30</i>	<i>1.80</i>	<i>1.50</i>	<i>3.80</i>	<i>2.50</i>	<i>2.40</i>	<i>3.30</i>	<i>2.40</i>	<i>3.340</i>
May .....	<i>2.00</i>	<i>4.60</i>	<i>2.85</i>	<i>3.00</i>	<i>5.00</i>	<i>2.60</i>	<i>4.85</i>	<i>1.43</i>	<i>2.60</i>	<i>3.05</i>	<i>3.198</i>
June .....	<i>1.70</i>	<i>5.60</i>	<i>4.80</i>	<i>2.60</i>	<i>1.00</i>	<i>1.05</i>	<i>.60</i>	<i>.90</i>	<i>1.90</i>	<i>1.40</i>	<i>2.155</i>
July .....	<i>2.20</i>	<i>4.20</i>	<i>8.45</i>	<i>4.25</i>	<i>6.95</i>	<i>1.80</i>	<i>4.00</i>	<i>4.35</i>	<i>4.10</i>	<i>3.30</i>	<i>4.360</i>
August .....	<i>1.10</i>	<i>4.70</i>	<i>2.70</i>	<i>6.45</i>	<i>1.50</i>	<i>3.90</i>	<i>2.90</i>	<i>2.40</i>	<i>3.90</i>	<i>4.50</i>	<i>3.405</i>
September....	<i>6.40</i>	<i>3.40</i>	<i>4.15</i>	<i>3.30</i>	<i>3.90</i>	<i>8.80</i>	<i>6.05</i>	<i>3.50</i>	<i>2.00</i>	<i>2.10</i>	<i>4.360</i>
October .....	<i>2.10</i>	<i>3.00</i>	<i>4.30</i>	<i>7.80</i>	<i>4.20</i>	<i>4.70</i>	<i>4.80</i>	<i>1.90</i>	<i>4.00</i>	<i>6.00</i>	<i>4.280</i>
November....	<i>7.70</i>	<i>11.30</i>	<i>6.75</i>	<i>8.00</i>	<i>3.50</i>	<i>3.65</i>	<i>8.30</i>	<i>5.10</i>	<i>9.40</i>	<i>2.35</i>	<i>6.605</i>
December ....	<i>3.70</i>	<i>6.20</i>	<i>6.20</i>	<i>4.60</i>	<i>7.60</i>	<i>3.15</i>	<i>5.60</i>	<i>6.20</i>	<i>7.10</i>	<i>7.80</i>	<i>5.815</i>
TOTALS ....	<i>47.00</i>	<i>54.30</i>	<i>65.45</i>	<i>62.45</i>	<i>61.70</i>	<i>52.30</i>	<i>56.00</i>	<i>37.18</i>	<i>48.05</i>	<i>41.90</i>	<i>52.633</i>

# RAINFALL AT

*Moffat Cristan*

Lat.

Lon.

County of

*Dumfries*

*Fleming* Rain Gauge, by

Observer

*J. J. Welsh Esq*

*Anna - 14*

Diameter ....	3										
Height .....	0 6										
Altitude ....	550								580		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	10.70	4.80	5.60	3.60	11.50	3.60	3.20	1.90	3.80	6.90	5.560
February ....	.40	.90	3.35	6.50	12.80	1.30	3.80	5.70	5.00	5.30	4.705
March .....	2.80	4.35	1.20	2.00	3.90	6.50	6.20	8.80	1.80	5.50	4.805
April .....	1.85	2.15	1.30	2.00	2.50	2.60	2.50	3.00	4.90	5.20	2.800
May .....	2.60	2.00	5.40	3.90	2.40	.30	.20	3.40	2.20	3.70	2.610
June .....	4.00	2.40	1.10	2.90	3.10	1.30	3.40	4.70	2.90	1.60	2.740
July .....	2.00	1.60	2.80	3.40	2.40	7.30	4.60	2.30	.90	3.50	3.080
August .....	1.40	7.10	6.70	6.10	1.80	3.20	2.50	8.85	5.20	2.30	4.515
September....	3.60	6.60	2.90	2.50	.00	.10	6.00	3.10	3.30	4.90	3.300
October .....	3.05	8.00	4.25	4.10	3.70	4.85	4.70	3.10	5.50	4.40	4.565
November....	6.10	5.05	6.90	3.00	8.70	7.50	2.50	4.70	6.70	10.80	6.745
December ....	2.10	11.70	2.70	9.30	7.10	5.50	6.80	19.00	8.60	3.40	7.620
TOTALS ....	44.60	56.65	44.20	51.30	59.70	46.05	46.40	68.55	50.80	57.50	(51.695)

(59.55)

new from 1899

1897 Dec: Observer thinks that there was no mistake in the record as it was a very wet month with two floods which did more damage than any others in 24 years

Dec. 1897 Probably 9 in. too big. cs. xi 11.



# RAINFALL AT *Moffat Ericstane*

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

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

County of *Dumfries*

*Snowdon* Rain Gauge, by \_\_\_\_\_

Observer *J. J. Welsh Esq*

*June - 14.*

Diameter ....										5	
Height .....										1.0	
Altitude ....										580T	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....										6.57	
February ....										5.62	
March .....										6.24	
April .....										4.86	
May .....										3.77	
June .....										1.93	
July .....										3.65	
August .....										2.36	
September....									<sup>#</sup> 3.29	5.02	
October .....									5.47	4.74	
November....									6.16	9.99	
December ....									7.48	3.37	
TOTALS . . .										58.12	

*Within a foot of the Fleming gauge*

# RAINFALL AT *Moffat Eucstone*

Lat. *55° 23' N*

Lon. *3° 27' W*

County of *Dumfriess*

*Fleming*

Rain Gauge, by

Observer

*Mr J. J. Welch*

*June - 4*

Diameter ..	3										
Height ....	0 6			1 0							
Altitude ..	580 T				575						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.20	3.70	4.60	<del>8.00</del>	5.60						
February ..	3.70	1.90	2.20	<del>8.53</del>	4.40						
March ....	.40	3.25	3.00	<del>12.60</del>	4.20						
April .....	4.60	4.20	3.00	<del>1.22</del>	5.60						
May .....	4.40	2.20	2.00	<del>1.70</del>	3.30						
June .....	4.70	4.00	1.30	<del>2.48</del>	4.30						
July .....	3.30	1.70	2.50	<del>3.92</del>	3.60						
August ....	3.80	5.70	2.80	<del>6.69</del>	5.10						
September ..	4.60	5.20	3.20	<del>3.64</del>	3.80						
October ....	5.70	5.30	3.50	<del>11.45</del>	2.80						
November ..	5.80	5.20	3.90	<del>3.26</del>	2.40						
December ..	13.80	6.00	7.90	<del>4.78</del>	5.00						
TOTALS ..	62.00	48.35	39.90	<del>68.26</del>	50.10						

# RAINFALL AT Moffat Eristone

Lat.

Lon.

County of

Dumfriesshire

Snowdon

Rain Gauge, by

K. J.

Observer

Mr J. J. Wilson

Enslin

Jan - 4.

Diameter ..	5										
Height ....	1 6								1 0		
Altitude ..	580 T								600		
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	7.18	3.78	3.58	8.00	5.15	3.12	6.70	2.83	6.23	6.32	5.289
February ..	2.86	1.55	2.23	8.53	4.37	3.49	3.75	4.25	3.85	2.54	3.742
March ....	.47	3.11	3.07	12.50	4.53	6.80	3.47	5.24	7.59	4.58	5.136
April .....	4.90	4.40	2.86	1.23	5.53	3.99	1.66	3.24	1.84	4.29	3.394
May .....	4.57	2.35	2.22	1.70	3.30	3.18	6.41	5.29	3.21	2.73	3.496
June .....	4.85	4.16	1.31	2.48	3.99	2.25	1.77	5.03	3.35	3.62	3.281
July .....	3.52	1.79	2.20	3.92	3.68	2.05	2.64	3.06	2.93	5.05	3.084
August ....	4.07	5.88	2.74	6.67	5.03	3.99	8.32	5.64	4.66	2.02	4.902
September..	4.38	4.77	3.22	3.64	3.47	2.26	1.42	.75	7.27	2.25	3.343
October ....	5.66	5.81	3.52	11.45	2.71	3.60	7.30	8.99	1.93	11.14	6.211
November ..	5.38	4.62	3.80	3.36	2.03	4.93	4.98	2.95	4.24	1.55	3.784
December ..	12.04	6.33	7.11	4.78	5.05	3.77	3.81	5.86	4.92	6.23	5.990
TOTALS ..	59.88	48.55	37.86	68.26	48.84	43.43	52.23	53.13	52.02	52.32	51.652

1907 Moffat Church 4 miles S  
 " Station 4 " S  
 tree 50 ft high 40 ft W



RAINFALL at Moffat, EircstoneCounty of Dumfries Observer Mrs. J. J. WelshRiver Basin Eden - Annan 34Snowdon Rain Gauge, by \_\_\_\_\_

Diameter ...	5										
Height .....	1	0									
Altitude ...	600*										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	4.81	2.85									
February ...	4.45	7.41									
March .....	5.16	2.02									
April .....	5.17	5.17									
May .....	2.15	3.96									
June .....	2.01	2.69									
July .....	6.19	1.86									
August .....	7.13	3.32									
September ..	1.34	2.00									
October ...	3.93	4.32									
November ..	3.17	7.34									
December ...	5.62	11.02									
TOTALS ...	54.13	53.96									

D

D

Craglands under  
average (1910)

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Moffat	4 mls.	SW.	Moffat	4 mls.	SW.