

RAINFALL AT *Lauder Thirlstone Castle*

Lat..... Lon..... County of *Berwick*

Rain Gauge, by..... Observer *W. J. Whetton*

Tweed, Leader - 2.

Diameter .....	.3	.	.	.	.	.	.	.	.	.	.
Height .....	.3	.	.	.	.	.	.	.	.	.	.
Altitude	550	.	.	.	.	.	.	.	.	.	.
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.40	1.60	4.20	3.10	2.50	3.80	1.00	5.20	4.10	1.20	2.910
February.....	1.60	⁺ 4.10	4.50	1.90	1.50	1.90	3.30	2.20	1.60	4.00	2.610
March	1.00	1.50	2.80	1.40	1.50	.80	4.60	2.60	1.20	2.40	1.980
April.....	.05	3.80	2.90	.30	1.15	.45	4.50	3.20	1.90	2.30	2.055
May	1.80	.90	2.70	1.70	.95	1.30	.50	2.20	4.00	1.90	1.795
June.....	2.35	3.10	2.50	.40	1.00	2.30	3.30	2.20	2.30	5.30	2.475
July .....	.90	3.50	3.10	4.00	2.00	2.60	.90	3.70	1.60	4.00	2.630
August.....	1.80	1.50	3.70	2.70	5.20	.90	5.00	5.50	3.80	2.70	3.280
September.....	1.60	3.00	5.10	1.60	2.00	3.70	3.60	1.70	4.50	1.60	2.840
October.....	3.50	2.70	6.30	4.30	3.10	4.45	2.20	3.30	2.50	1.10	3.345
November.....	1.50	3.70	6.60	2.30	4.30	5.00	4.20	3.30	4.20	2.00	3.710
December.....	⁺ 3.90	2.20	4.65	1.60	3.13	2.30	9.00	1.90	1.85	1.50	3.203
TOTALS	22.40	31.60	48.55	25.30	28.33	29.50	42.10	37.00	33.55	30.00	32.833

C C C

House 70 N of gauge 20ft high 30ft distant

1879 May erroneously printed 1.71 by R.G.

RAINFALL AT Coldstream, The Hirset

Lat. Lon. County of Berwick

Rain Gauge, by

Observer W^r J Cairns

Tweed, L. bank - 3.

Diameter.	3											
Height.	0. 7											
Altitude.	150?											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	75-9
January				2.42	.78	2.70	1.10	5.10	2.50	1.75		13.15
February				1.53	1.57	1.35	3.00	1.90	1.15	1.20		8.60
March				1.35	1.00	1.20	2.40	3.20	.60	1.15		8.55
April .....				.20	1.25	.75	4.60	2.77	1.55	1.85		11.52
May				2.00	1.45	.40	.80	2.15	1.65	1.45		6.45
June				1.50	.95	2.00	1.83	2.30	1.55	3.95		11.63
July				2.86	2.50	2.05	1.05	3.80	.90	5.15		12.95
August				3.00	3.50	1.25	3.04	6.75	4.00	2.75		17.79
September				2.40	2.00	2.50	3.35	1.50	1.70	.65		9.70
October				4.05	2.58	3.88	1.80	3.55	2.30	.90		12.43
November				1.85	4.45	4.85	3.40	1.35	6.65	2.95		19.20
December				1.00	3.15	1.95	9.90	1.30	2.65	2.30		18.10
TOTALS	19.90	26.70	42.05	24.16	25.18	24.88	36.27	35.67	27.20	26.05	28.806	150.07

RAINFALL AT Coldstream Milne Graden

Lat..... Lon..... County of Berwick

Rain Gauge, by..... Observer A Buchan Esq

Tweed, L. bank - 3.

Diameter .....	.8										
Height .....	.8										
Altitude	104										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	.90		2.60	1.80	.70	1.40	1.10	4.50	2.20	2.40	
February.....	1.80		2.10	1.30	1.30	1.40	2.50	2.20	.60	1.40	
March	1.20		4.60	1.20	1.10	.90	2.10	2.50	1.20	1.30	
April.....	.50		3.10	.50	.60	.40	4.00	2.70	.80	2.60	
May	1.10		2.70	1.80	1.10	.90	.40	2.40	2.30	1.60	
June.....	1.80		2.40	.80	.85	1.60	2.50	2.20	.90	3.00	
July .....	.50		2.40	3.00	2.40	1.30	.50	3.00	.70	5.40	
August.....	1.20		2.30	3.00	3.30	*1.60	2.90	6.90	3.30	2.10	
September.....	.90		4.50	2.10	1.90	2.10	3.00	1.10	2.60	.60	
October.....	2.30		4.30	3.00	2.10	3.20	1.20	3.10	3.70	.10	
November.....	2.70		5.40	1.60	4.60	4.00	2.80	1.40	5.40	1.20	
December.....	1.20		4.30	.50	2.50	1.40	7.50	.60	3.20	3.30	
TOTALS	16.10		40.70	20.60	22.45	20.20	30.50	32.60	26.90	25.00	

1875 August printed in Registrar General's table as .16 in

RAINFALL AT *Coldstream Swinton Manse*

Lat.....

Lon.....

County of.....

Berwick

Rain Gauge, by.....

Observer

*Rev. R Home**Tweed, L. bank - 3*

Diameter .....	.5										
Height .....	.9										
Altitude	200.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.71	1.06	2.72	2.63	1.19	3.06	1.12	4.25			
February.....	2.23	2.53	2.63	1.87	1.85	1.68	3.78	2.05			
March.....	1.02	1.08	3.17	2.38	1.27	1.22	3.60	2.60			
April.....	.55		3.79	.48	1.55	.97	5.10	3.50			
May.....	1.26		3.36	2.70	1.73	1.03	.85	2.40			
June.....	2.08		2.61	1.35	.84	2.51	2.75	2.37			
July.....	.84	3.24	2.78	3.62	3.06	1.80	1.15	3.90			
August.....	1.96	1.20	.36	4.33	4.36	1.74	4.00	7.03			
September.....	1.30	3.74	6.66	2.98	1.98	3.25	4.37	1.20			
October.....	3.39	2.58	5.57	4.02	2.76	3.62	1.80				
November.....	2.33	2.92	4.84	2.40	5.14	5.39	4.29				
December.....	3.54	1.41	4.60	.87	3.48	1.75	9.75				
TOTALS	22.21		26.09	29.63	29.21	28.02	42.56				

1870 4 in kitchen garden by side of gravel walk. A funnel sunk in a bottle on the ground, measured in a little cup adjusted to diameter of funnel

1874 " Owing to very hard frost & the way in w^h the snow fell the rainfall for 4 days for this month may not be very accurate. " 8 in of snow fell on the 31st Dec of w^h no notice is taken
76 Gauge 16 ft from a 6 ft wall postery bushes near

RAINFALL AT *Dunne Marchmont House*

Lat.....

Lon.....

County of.....

*Berwick**Symons* Rain Gauge, by.....*R. & Z*

Observer.....

*W. P. Loney**Whitadder - 4.*

Diameter .....	.5	.	.	.	.	.	.	.	.	.	.
Height .....	/	.	.	.	.	.	.	.	.	.	.
Altitude	500.	.	.	.	.	.	.	.	.	.	.
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.99	1.36	3.71	3.92	1.67	4.33	1.25	5.91	3.11	2.08	2.933
February.....	2.38	3.40	3.69	2.54	1.74	2.04	4.35	2.60	1.67	2.66	2.727
March.....	1.20	1.39	4.09	2.23	1.99	1.43	3.26	4.04	1.16	2.47	2.326
April.....	1.61	4.20	3.91	.74	1.60	1.17	5.09	4.53	1.70	2.72	2.627
May.....	1.72	1.79	3.84	3.05	2.30	1.54	.96	3.51	2.81	2.24	2.376
June.....	2.70	3.03	4.46	3.73	2.54	2.66	2.56	2.55	2.83	5.32	3.246
July.....	1.01	3.59	3.70	4.67	2.89	2.26	1.70	5.22	1.19	6.40	3.263
August.....	2.29	2.39	3.48	3.59	5.60	1.89	5.37	7.98	5.64	3.24	4.147
September.....	1.94	4.18	7.37	3.42	2.31	4.22	4.96	1.86	3.10	1.59	3.495
October.....	4.83	3.18	5.38	4.32	3.18	4.23	2.67	3.62	2.76	1.19	3.536
November.....	2.06	3.69	6.26	3.00	4.99	5.48	5.39	2.34	6.27	2.84	4.312
December.....	4.75	3.44	5.31	1.28	5.11	1.26	11.42	1.90	3.22	1.17	3.886
TOTALS.....	28.56	35.64	55.20	36.49	35.92	32.51	48.98	46.06	35.46	33.92	38.874

RAINFALL AT *Dunse Mungo's Walls*

Lat..... Lon..... County of... *Berwick*

Rain Gauge, by..... Observer *W. J. Thomson*

Whiteadder - 4.

Diameter .....	.3	.					.	.	.
Height .....	.6	.					.	.	.
Altitude	<i>267</i>	.				<i>270</i>	<i>267</i>	.	.		
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>1.72</i>	<i>1.14</i>	<i>2.85</i>	<i>2.60</i>	<i>1.09</i>	<i>3.47</i>	<i>1.15</i>	<i>4.85</i>	<i>3.11</i>		
February.....	<i>2.50</i>	<i>3.00</i>	<i>2.86</i>	<i>1.95</i>	<i>1.47</i>	<i>1.97</i>	<i>3.57</i>	<i>1.74</i>	<i>.89</i>		
March	<i>1.08</i>	<i>.80</i>	<i>3.24</i>	<i>1.80</i>	<i>1.57</i>	<i>1.45</i>	<i>2.72</i>	<i>2.99</i>	<i>1.13</i>		
April.....	<i>.52</i>	<i>3.60</i>	<i>3.16</i>	<i>.58</i>	<i>1.12</i>	<i>.79</i>	<i>3.41</i>	<i>2.88</i>	<i>1.33</i>		
May	<i>1.18</i>	<i>1.74</i>	<i>3.77</i>	<i>2.52</i>	<i>1.65</i>	<i>1.00</i>	<i>1.17</i>	<i>2.54</i>	<i>2.77</i>		
June.....	<i>2.12</i>	<i>2.40</i>	<i>4.45</i>	<i>1.92</i>	<i>1.27</i>	<i>2.01</i>	<i>2.53</i>	<i>2.73</i>	<i>2.14</i>		
July	<i>.87</i>	<i>3.11</i>	<i>2.77</i>	<i>3.25</i>	<i>3.11</i>	<i>2.43</i>	<i>.81</i>	<i>3.25</i>	<i>1.20</i>		
August.....	<i>2.39</i>	<i>1.91</i>	<i>2.99</i>	<i>3.74</i>	<i>3.83</i>	<i>1.23</i>	<i>4.29</i>	<i>6.34</i>	<i>2.98</i>		
September.....	<i>1.42</i>	<i>3.49</i>	<i>7.53</i>	<i>2.92</i>	<i>1.70</i>	<i>3.02</i>	<i>4.12</i>	<i>1.56</i>	<i>2.56</i>		
October.....	<i>3.31</i>	<i>2.45</i>	<i>5.11</i>	<i>3.90</i>	<i>2.48</i>	<i>3.08</i>	<i>2.14</i>	<i>3.56</i>	<i>2.64</i>		
November.....	<i>3.09</i>	<i>2.80</i>	<i>4.91</i>	<i>2.43</i>	<i>4.04</i>	<i>4.27</i>	<i>4.42</i>	<i>1.74</i>	<i>6.17</i>		
December.....	<i>3.65</i>	<i>2.84</i>	<i>3.70</i>	<i>.82</i>	<i>3.57</i>	<i>2.40</i>	<i>6.78</i>	<i>1.75</i>	<i>3.55</i>	<i>#</i>	
TOTALS	<i>23.85</i>	<i>29.28</i>	<i>47.34</i>	<i>27.83</i>	<i>26.90</i>	<i>27.12</i>	<i>37.11</i>	<i>35.93</i>	<i>30.47</i>		

1871 May 26th 1.06 in 1 1/2 hours

1875 Gauge slightly sheltered on E

1876 Owing to the direction of the wind E.S.E. on the 28th April much rain evidently intercepted by thorn bush gauge since shifted away from that shelter

RAINFALL AT Dunse Feindhill

bn list. 70

Lat..... Lon..... County of Berwick.....
..... Rain Gauge, by..... Observer... A. Buchanan Esq.

Whitadder - 4.

Diameter.....	8										
Height.....	6						0				
Altitude.....	500										
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					1.65	3.40	1.36				
February.....					2.00	2.50	5.15				
March.....					2.70	1.75	3.87				
April.....					1.00	.95	6.12				
May.....					2.26	1.32	1.10				
June.....					1.76	2.40	2.80				
July.....					3.10	3.42	1.75				
August.....					4.77	2.00	5.80				
September.....					2.25	4.43	5.20				
October.....					3.40	5.17	2.75				
November.....					5.36	5.92	6.65				
December.....					4.75	2.95	12.60	#			
TOTALS.....	2897	35.80	58.30	36.01	35.00	36.21	55.15				

1874 no reply

RAINFALL AT West Foulden

70

Lat.

Lon.

County of

Berwick

Rain Gauge, by

Observer

H. H. Craw Esg

Whitadder - 4.

Diameter.			5								
Height.			10								
Altitude.			250								
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.				2.00	.80	2.70	1.10	4.20	2.50	1.60	
February.				2.00	1.50	1.70	3.70	1.50	1.10	3.00	
March.				1.70	1.70	.80	2.00	3.60	1.00	1.60	
April. ....				.40	.90	.70	4.70	4.50	1.30	2.40	
May.				2.40	1.90	.60	.90	2.80	3.10	1.80	
June.				2.60	.80	1.00	2.50	2.80	2.20	1.90	3.00
July.				2.10	3.40	3.20	2.20	.50	4.00	.80	6.00
August.				2.20	3.50	4.20	1.40	3.90	6.80	3.00	2.50
September.				5.70	3.70	2.20	2.90	3.90	1.70	2.50	.90
October.				5.50	3.00	2.70	4.10	1.60	4.40	2.50	.30
November.				4.20	2.20	4.10	4.50	4.00	1.30	5.90	2.30
December.				4.00	1.00	3.70	1.60	8.60	1.10	4.00	2.80
TOTALS.	2250	2750	4130	26.10	27.90	25.70	37.70	38.10	29.60	28.20	30.460

Missingsip interpolated by comparison with
Dunse, Mungo's Walls

RAINFALL AT *S^t Abbs Head*

Lat.....

Lon.....

County of *Berwick*

Rain Gauge, by.....

Observer *Board of Northern Lights**S. Coast streams - 5.*

Diameter	—										
Height .....	.4	.									
Altitude	211 [?]	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.11	1.06	2.96	1.74	.77	2.15	.54	3.84	2.18	1.11	1.746
February.....	2.06	2.33	2.45	1.04	1.56	1.09	2.84	1.33	.60	2.17	1.747
March .....	.77	.55	2.25	1.54	1.37	.88	1.90	2.57	.78	1.00	1.361
April.....	.43	3.23	2.46	.30	.63	.66	4.04	2.88	1.67	2.10	1.840
May	1.00	.77	2.76	2.23	1.30	.57	.68	1.49	2.52	1.80	1.520
June.....	1.19	1.88	2.40	.74	.17	2.02	2.39	3.02	2.02	3.60	1.943
July .....	.98	2.10	2.21	3.32	2.59	3.38	1.14	2.80	.58	4.12	2.322
August.....	1.79	.98	2.98	2.92	3.92	1.33	3.42	5.90	2.96	3.13	2.933
September.....	1.61	1.74	4.57	3.10	1.87	3.88	3.99	1.05	2.61	.75	2.514
October.....	3.08	1.90	5.01	3.11	1.92	2.37	1.31	2.79	2.53	.48	2.450
November.....	2.54	1.76	3.55	1.68	3.10	3.24	4.13	1.74	5.17	2.04	2.895
December.....	3.50 ⁺	1.91	2.84	1.02	2.86	1.13	6.75	1.25	2.94	1.01	2.529
TOTALS	20.22	20.21	36.41	22.74	22.06	22.70	33.13	30.66	26.56	23.31	25.800

1871 One day late

RAINFALL AT *Dunbar Thurston*

Lat..... Lon..... County of *Haddington*

Rain Gauge, by..... Observer *H. Buchan Esq.*

East Coast streams - 3.

Diameter	6	.					.	.			
Height	4	'					.	.			
Altitude	327	.					.	.			
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.70	1.20	5.10	2.30	1.00	2.20	.80	3.50	1.50		
February.....	2.50	2.60	3.70	1.80	1.50	1.00	3.48	1.80	.70		
March.....	.70	1.40	2.90	2.00	1.10	.90	2.70	2.40	.50		
April.....	.10	4.90	2.60	.40	1.40	.30	3.78	3.40	1.30		
May.....	1.10	.70	4.10	2.50	1.80	.70	.20	2.70	3.00		
June.....	1.50	1.80	2.30	1.10	.30	3.00	2.10	2.50	3.60		
July.....	.40	3.10	4.60	3.10	2.90	2.60	1.00	5.40	1.00		
August.....	1.70	1.20	4.20	3.20	4.10	1.30	4.50	10.50	3.80		
September.....	1.10	2.90	6.50	3.40	2.00	3.60	3.80	2.00	2.50		
October.....	3.90	2.30	4.30	4.00	2.10	4.30	2.20	2.50	2.30		
November.....	2.30	3.30	5.50	2.20	3.90	4.20	2.60	1.70	4.60		
December.....	5.00	1.30	4.70	1.70	2.94	1.20	8.68	1.10	2.20		
TOTALS	22.08	26.70	50.50	27.70	25.04	25.30	35.84	39.50	27.00		

C C C

1879 no ref

RAINFALL AT *Yester*

Lat..... Lon..... County of *Haddington*
 Rain Gauge, by..... Observer *A. Buchan Esq*

Type 12-4.

Diameter .....	/	.	.	.	.	.	.	.	.	.	.	.
Height .....	/	.	.	.	.	.	.	.	.	.	.	.
Altitude	<i>425.</i>	.	.	.	.	.	.	.	.	.	.	.
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	<i>2.00</i>	<i>1.20</i>	<i>4.18</i>	<i>2.20</i>	<i>2.24</i>	<i>3.45</i>	<i>.77</i>	<i>5.46</i>	<i>3.38</i>	<i>1.12</i>	<i>2.600</i>	
February.....	<i>2.60</i>	<i>2.75</i>	<i>3.03</i>	<i>2.05</i>	<i>1.93</i>	<i>1.64</i>	<i>3.14</i>	<i>1.68</i>	<i>.74</i>	<i>2.74</i>	<i>2.230</i>	
March.....	<i>.70</i>	<i>.85</i>	<i>4.11</i>	<i>2.00</i>	<i>1.46</i>	<i>.98</i>	<i>3.49</i>	<i>3.16</i>	<i>.73</i>	<i>2.21</i>	<i>1.969</i>	
April.....	<i>.33</i>	<i>4.15</i>	<i>3.75</i>	<i>.97</i>	<i>1.65</i>	<i>.48</i>	<i>3.77</i>	<i>3.60</i>	<i>.97</i>	<i>3.28</i>	<i>2.295</i>	
May	<i>.30</i>	<i>1.27</i>	<i>4.94</i>	<i>1.85</i>	<i>1.61</i>	<i>1.33</i>	<i>1.03</i>	<i>3.32</i>	<i>2.50</i>	<i>3.34</i>	<i>2.149</i>	
June.....	<i>1.65</i>	<i>3.82</i>	<i>3.08</i>	<i>1.24</i>	<i>1.68</i>	<i>3.14</i>	<i>2.59</i>	<i>2.27</i>	<i>3.87</i>	<i>5.12</i>	<i>2.846</i>	
July	<i>.85</i>	<i>3.71</i>	<i>3.49</i>	<i>4.86</i>	<i>2.78</i>	<i>2.83</i>	<i>1.39</i>	<i>4.70</i>	<i>.70</i>	<i>9.79</i>	<i>3.510</i>	
August.....	<i>1.93</i>	<i>.90</i>	<i>4.99</i>	<i>3.28</i>	<i>5.87</i>	<i>1.25</i>	<i>4.16</i>	<i>5.33</i>	<i>4.43</i>	<i>2.76</i>	<i>3.490</i>	
September.....	<i>2.10</i>	<i>4.63</i>	<i>4.97</i>	<i>3.06</i>	<i>2.49</i>	<i>3.52</i>	<i>5.44</i>	<i>1.42</i>	<i>3.09</i>	<i>1.53</i>	<i>3.225</i>	
October.....	<i>4.45</i>	<i>2.18</i>	<i>4.68</i>	<i>3.31</i>	<i>2.82</i>	<i>4.21</i>	<i>1.55</i>	<i>2.83</i>	<i>2.67</i>	<i>.67</i>	<i>2.934</i>	
November.....	<i>1.65</i>	<i>2.61</i>	<i>5.90</i>	<i>3.23</i>	<i>4.27</i>	<i>6.20</i>	<i>4.08</i>	<i>2.65</i>	<i>3.33</i>	<i>2.74</i>	<i>3.666</i>	
December.....	<i>4.12</i>	<i>2.91</i>	<i>2.25</i>	<i>1.73</i>	<i>3.29</i>	<i>1.32</i>	<i>8.70</i>	<i>1.50</i>	<i>2.51</i>	<i>.73</i>	<i>2.906</i>	
TOTALS	<i>22.68</i>	<i>30.98</i>	<i>49.37</i>	<i>29.78</i>	<i>32.09</i>	<i>30.35</i>	<i>40.11</i>	<i>37.92</i>	<i>28.92</i>	<i>36.03</i>	<i>33.823</i>	

1875 Dec? incorrectly printed in R.G. Report as 2.04

RAINFALL AT Tranent, Tynesholme

Lat..... Lon..... County of Haddington
..... Rain Gauge, by..... Observer A. Buchan Esq.

Ygre rc - 4

Diameter	—						5				
Height	—						1.6				
Altitude	284						284				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.22	1.17	3.78	.78	1.45	6.35	.80	3.10			
February.....	2.33	1.88	1.78	1.83	2.50	1.28	.75	1.35			
March.....	1.10	.65	3.64	1.85	1.10	1.00	5.70	2.10			
April.....	— 20	4.46	2.49	.70	.94	.60	2.94	2.30			
May .....	.82	.67	4.35	2.80	1.98	.70	.88	2.40			
June.....	2.07	2.70	3.55	.90	2.00	2.13	2.16	1.75			
July	1.15	3.20	4.42	4.30	2.35	3.10	1.40	4.00			
August.....	1.15	1.85	4.65	3.70	4.20	1.15	3.40	5.40			
September.....	1.53	2.90	5.53	2.82	1.60	2.73	4.30	1.25			
October.....	2.44	2.43	3.91	3.20	2.25	2.38	2.10	2.45			
November.....	1.00	3.55	4.40	2.77	3.27	5.02	3.50	2.00			
December.....	2.35	1.88	2.28	.80	2.90	1.33	4.30	1.30			
TOTALS	17.36	27.34	44.78	26.45	26.54	27.77	32.23	29.40			

1878 Observer dead

RAINFALL AT *Haddington District Asylum*

70

Lat. Lon. County of *Haddington*.

Rain Gauge, by Observer

Lyne TC-4.

Diameter.							5				
Height.							10				
Altitude.							240				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January .....							.73	4.31	2.52	1.38	
February							2.75	1.49	.60	1.55	
March							2.48	2.45	.52	1.60	
April							3.16	2.81	1.47	1.93	
May							1.05	2.78	3.09	2.06	
June							2.23	2.08	1.81	4.24	
July							1.29	4.80	.71	7.50	
August							3.55	5.85	4.64	2.95	
September							4.41	1.22	3.42	1.15	
October							2.05	2.35	2.07	.77	
November							3.47	1.66	4.36	3.53	
December							8.09	1.43	2.67	1.07	
TOTALS						(25.00)	35.26	33.23	27.88	29.73	

↓
Total for purpose of average VIII. 1911.

RAINFALL AT *Haddington Asylum*

70

Lat. _____ Lon. _____ County of *Haddington*

Rain Gauge, by _____ Observer *A. Buchanan Esq*

Type & C - 4.

Diameter							5	.	.		
Height							1	.	.		
Altitude							235	.	.		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							74	4.31	2.52	1.38	
February. . .							2.76	1.49	.60	1.55	
March							2.48	2.45	.52	1.60	
April							3.16	2.81	1.47	1.93	
May							1.05	2.79	3.09	2.06	
June							2.23	2.08	1.81	4.24	
July							1.33	4.80	.71	7.51	
August							3.55	5.88	4.64	2.95	
September . .							4.42	1.24	4.64	1.25	
October							2.02	2.35	2.07	.77	
November . .							3.47	1.66	4.36	3.53	
December . .							8.09	1.41	2.57	.75	
TOTALS . .							35.30	33.27	29.00	29.52	

Figures on previous sheet believed to be more correct

E9W

RAINFALL AT *Haddington Millfield*

Lat..... Lon..... County of *Haddington*

Rain Gauge, by..... Observer *Mr. J. H. Dods*

Type C-4.

Diameter .....	.6											
Height	4											
Altitude	140		140 [↑]									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.00	1.00	4.05	1.70	1.30	.10	.80	7.00	2.20	.40	1.935	
February.....	2.90	2.16	1.80	1.98	1.20	.60	3.00	1.10	.60	.40	1.574	
March.....	1.20	.43	3.30	1.40	1.15	.80	2.50	1.70	.30	1.10	1.388	
April.....	.20	4.14	2.30	.55	.83	.35	3.10	2.50	1.20	1.50	1.664	
May .....	.41	.67	3.75	2.30	1.75	.40	1.10	2.51	2.85	2.00	1.774	
June.....	1.75	2.80	3.50	1.30	1.47	.60	2.00	1.90	1.90	3.80	2.102	
July .....	.85	2.80	3.93	4.05	3.90	2.10	1.57	4.20	.40	7.10	3.090	
August.....	1.82	1.50	4.00	3.50	3.90	1.00	2.90	5.70	4.55	2.80	3.164	
September.....	1.10	3.40	5.15	3.25	2.10	2.40	4.70	.80	2.95	.80	2.665	
October.....	2.50	2.00	3.53	2.80	1.47	3.10	1.95	2.50	2.00	.50	2.235	
November.....	1.10	3.20	3.70	2.15	3.87	5.50	3.00	1.55	4.70	3.10	3.184	
December.....	⁺ 4.50	1.32	2.50	1.30	.50	1.70	10.00	.35	3.80	.70	2.664	
TOTALS	19.3.3	25.4.2	41.5.1	26.2.8	23.4.4	18.6.5	36.6.2	31.8.1	27.4.5	(24.2.0)	27.4.71	

G on top of a wall 3 ft high hedges 20 yds from G.

1877 Hedges 15 to 20 ft high 20 yards from gauge N.S.E. & W.

1879 not printed

St Marys abbey 1/2 mile E.S.E.

RAINFALL AT *Prestonkirk East Linton*

Lat.....

Lon.....

County of *Haddington*

Rain Gauge, by.....

Observer *W. J. Stone**Type TC-4.*

Diameter .....	.3										
Height .....	.3										
Altitude	<i>90.0</i>			<i>90^π</i>							
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	.79	1.13	4.21	1.44	1.20	1.91	.80	5.34	2.58	2.07	2.147
February.....	2.94	2.26	2.34	1.98	.60	1.39	2.77	1.30	.66	2.62	1.886
March.....	1.13	.38	3.32	1.72	1.00	.64	2.33	2.51	.59	1.72	1.534
April.....	.22	⁺ 4.69	2.68	.85	.68	.40	4.04	3.15	1.23	1.47	1.941
May .....	.57	.85	3.20	2.40	1.37	.48	.79	2.05	2.81	1.67	1.619
June.....	1.68	3.22	3.10	2.18	1.47	2.73	2.28	2.29	1.84	4.50	2.529
July .....	.93	2.27	2.70	5.43	4.52	2.65	1.74	5.56	.99	6.17	3.296
August.....	1.69	1.27	3.72	3.27	4.54	.96	3.94	6.61	3.70	3.17	3.287
September.....	2.26	2.43	5.15	2.46	2.16	2.64	5.40	1.34	2.60	.96	2.740
October.....	2.45	2.55	3.53	3.51	2.26	3.93	2.22	1.98	2.55	.57	2.533
November.....	.80	3.16	3.82	2.51	4.69	5.05	3.70	.98	4.68	2.56	3.195
December.....	⁺ 3.84	1.41	2.66	1.37	2.98	1.15	8.63	1.38	2.42	.50	2.634
TOTALS	19.30	25.62	40.43	29.12	27.47	23.93	38.64	34.49	26.65	27.98	29.363

1870 In centre of garden quite free from Walls Trees &c

On 7th Sept 1.00 fell between 2.20 & 2.40 PM

1876 June .80 in erroneously printed in R.R.G.

1879 Garden wall 7ft high 24ft E

1879 Aug erroneously printed 2.87 in R.S.R.

Prestonkirk $\frac{1}{2}$ mile N.

RAINFALL AT *North Berwick Seacliffe*

Lat..... Lon..... County of *Haddington*
..... Rain Gauge, by..... Observer *A. Buchan Esq.*

Type TC-4.

Diameter	—										
Height	—										
Altitude	<i>80.</i>	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>1.02</i>	<i>.90</i>	<i>3.68</i>	<i>1.92</i>	<i>1.49</i>	<i>2.59</i>	<i>.86</i>		<i>2.28</i>	<i>1.69</i>	
February.....	<i>2.20</i>	<i>2.18</i>	<i>2.06</i>	<i>1.46</i>	<i>.98</i>	<i>1.03</i>	<i>2.75</i>		<i>.81</i>	<i>2.18</i>	
March.....	<i>1.00</i>	<i>.34</i>	<i>2.65</i>	<i>1.49</i>	<i>1.04</i>	<i>.35</i>	<i>2.22</i>		<i>.58</i>	<i>1.62</i>	
April.....	<i>.29</i>	<i>4.11</i>	<i>2.40</i>	<i>.77</i>	<i>.74</i>	<i>.47</i>	<i>3.56</i>		<i>1.39</i>	<i>1.93</i>	
May	<i>.70</i>	<i>.65</i>	<i>3.46</i>	<i>2.03</i>	<i>1.36</i>	<i>.70</i>	<i>.63</i>		<i>2.70</i>	<i>2.92</i>	
June.....	<i>1.77</i>	<i>1.86</i>	<i>3.00</i>	<i>1.62</i>	<i>.60</i>	<i>2.02</i>	<i>2.01</i>		<i>2.26</i>	<i>4.20</i>	
July	<i>1.32</i>	<i>2.60</i>	<i>1.86</i>	<i>4.96</i>	<i>3.09</i>	<i>2.78</i>	<i>1.94</i>		<i>1.37</i>	<i>4.54</i>	
August.....	<i>1.46</i>	<i>1.84</i>	<i>3.08</i>	<i>2.90</i>	<i>3.41</i>	<i>.78</i>	<i>3.21</i>		<i>3.49</i>	<i>3.14</i>	
September.....	<i>1.28</i>	<i>2.15</i>	<i>4.15</i>	<i>2.12</i>	<i>1.79</i>	<i>2.62</i>	<i>4.17</i>		<i>2.77</i>	<i>1.15</i>	
October.....	<i>2.32</i>	<i>2.23</i>	<i>3.79</i>	<i>3.79</i>	<i>2.17</i>	<i>3.46</i>	<i>2.25</i>		<i>2.17</i>	<i>.49</i>	
November.....	<i>2.14</i>	<i>3.13</i>	<i>3.19</i>	<i>2.49</i>	<i>1.75</i>	<i>4.42</i>	<i>3.16</i>		<i>3.90</i>	<i>2.27</i>	
December.....	<i>3.10</i>	<i>1.41</i>	<i>2.26</i>	<i>1.62</i>	<i>2.92</i>	<i>1.41</i>	<i>6.36</i>		<i>2.08</i>	<i>.47</i>	
TOTALS	<i>18.60</i>	<i>23.40</i>	<i>35.58</i>	<i>27.17</i>	<i>21.34</i>	<i>22.63</i>	<i>33.12</i>		<i>25.80</i>	<i>26.60</i>	

RAINFALL AT *Drem Fenton Barons*

Lat..... Lon..... County of *Haddington*

Rain Gauge, by..... Observer *G Hope Esq*

Firm of Firth - 5.

Diameter	3										
Height	1.0										
Altitude	103.0										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.15	.87	3.80								
February.....	2.00	2.01	3.10								
March	1.20	.40	3.50								
April.....	.30	5.45	2.40								
May .....	.90	.80	4.60								
June.....	2.10	2.50	3.70								
July .....	.70	2.35	3.40								
August.....	1.00	1.70	3.00								
September.....	1.15	3.30	5.60								
October.....	2.40	2.50	4.20								
November.....	.80	4.00	3.70								
December.....	2.50	1.30	3.00								
TOTALS	17.00	27.18	44.00								

C C C

RAINFALL AT *North Berwick Kingston*

1870

Lat. _____ Lon. _____ County of *East Lothian*
 Rain Gauge, by _____ Observer *Chas Rintoul*

First of month - 5.

Diameter.											
Height.											
Altitude.											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January				1.95	1.52	2.50	.99	4.50		2.26	
February				1.00	.75	1.55	2.90	1.38		2.08	
March				1.60	1.15	.95	2.38	2.25		2.26	
April .....				.45	.67	.58	3.66	2.92		1.97	
May				1.75	1.15	.53	.72	1.65		1.97	
June				1.30	.42	2.66	2.60	2.58		5.19	
July				4.62	5.63	2.11	2.11	5.27		5.22	
August				3.20	4.11	.88	3.55	6.76		3.23	
September				2.80	1.75	2.58	4.46	1.30		1.29	
October				3.07	1.90	3.65	2.31	2.28		.83	
November				2.65	4.45	5.24	3.69	1.59		2.58	
December				1.66	2.50	1.55	8.60	2.19		.77	
TOTALS				26.05	26.00	24.78	37.97	34.67	(28.00)	29.65	

*

* might not 10. n.

RAINFALL AT *Moortfoot*..... (*Northampton*).....

Lat..... Lon..... County of..... *Northampton*.....

..... Rain Gauge, by..... Observer *A. Buchanan Esqr*.....

Exk - 4.

Diameter	<i>1</i>										
Height	<i>5</i>										
Altitude	<i>—</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>3.17</i>										
February.....	<i>4.60</i>										
March	<i>1.33</i>										
April.....	<i>7.30</i>										
May	<i>2.52</i>										
June.....	<i>3.00</i>										
July	<i>1.44</i>										
August.....	<i>1.83</i>										
September.....	<i>2.50</i>										
October.....	<i>4.44</i>										
November.....	<i>2.20</i>										
December.....	<i>3.28</i>										
TOTALS	<i>31.61</i>										

See next sheet

45 Leadburn
5114

RAINFALL AT *Moorefoot Hills Gladhouse*

Lat. Lon. County of *Edinburgh* **70**
Rain Gauge, by Observer

Ex-14

Diameter.											
Height.											
Altitude.										<i>900</i>	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January	<i>3.17</i>				<i>3.26</i>	<i>6.78</i>	<i>1.43</i>	<i>8.87</i>	<i>4.60</i>	<i>1.45</i>	
February.	<i>4.60</i>				<i>2.50</i>	<i>.93</i>	<i>5.13</i>	<i>3.36</i>	<i>1.55</i>	<i>3.68</i>	
March	<i>1.30</i>				<i>2.82</i>	<i>1.43</i>	<i>(5.00)</i>	<i>3.33</i>	<i>1.30</i>	<i>3.42</i>	
April	<i>1.30</i>				<i>2.38</i>	<i>1.37</i>	<i>4.70</i>	<i>4.98</i>	<i>1.90</i>	<i>2.40</i>	
May	<i>2.52</i>				<i>1.56</i>	<i>2.00</i>	<i>1.55</i>	<i>4.00</i>	<i>3.10</i>	<i>2.30</i>	
June	<i>3.00</i>				<i>1.29</i>	<i>3.33</i>	<i>(3.00)</i>	<i>3.08</i>	<i>3.00</i>	<i>5.37</i>	
July	<i>1.44</i>				<i>3.00</i>	<i>3.52</i>	<i>(2.50)</i>	<i>5.79</i>	<i>1.38</i>	<i>6.80</i>	
August	<i>1.83</i>				<i>6.10</i>	<i>2.32</i>	<i>5.85</i>	<i>7.70</i>	<i>6.55</i>	<i>4.35</i>	
September	<i>2.50</i>				<i>2.75</i>	<i>3.64</i>	<i>5.15</i>	<i>2.60</i>	<i>3.93</i>	<i>2.32</i>	
October	<i>4.44</i>				<i>4.45</i>	<i>6.04</i>	<i>2.62</i>	<i>4.64</i>	<i>3.13</i>	<i>1.60</i>	
November	<i>2.20</i>				<i>6.82</i>	<i>5.80</i>	<i>5.14</i>	<i>5.35</i>	<i>4.05</i>	<i>3.13</i>	
December	<i>3.28</i>				<i>3.67</i>	<i>3.46</i>	<i>8.45</i>	<i>2.85</i>	<i>4.05</i>	<i>1.68</i>	
TOTALS	<i>31.58</i>				<i>40.60</i>	<i>40.62</i>	<i>(50.52)</i>	<i>56.55</i>	<i>38.54</i>	<i>38.50</i>	

1870 to 78 from Leslie of Edinburgh W.W. Proc. Inst. C.E.

RAINFALL AT Harehill

Lat.

Lon.

County of Edinburgh

Rain Gauge, by

Observer W. H. Cameron Esq

Ex-4.

Diameter....											
Height											
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January							1.90	10.00	6.40	4.50	
February. ...							4.10	4.35	1.75	—	
March.....							8.20	3.80	1.40	4.70	
April							4.50	7.65	2.00	3.50	
May							1.50	3.00	3.65	2.50	
June							3.30	2.75	2.45	5.50	
July.....							2.40	5.00	.65	10.00	
August							3.50	10.00	7.40	2.40	
September ..							3.50	2.00	4.50	2.20	
October							3.50	3.50	3.80	1.90	
November ..							5.30	4.00	4.20	3.40	
December ..							6.50	4.20	4.50	4.40	
TOTALS ..							48.20	60.25	42.70	45.00	

N.B. 4.50 Jan. 1879 probably Jan & Feb. together. G. XIII

RAINFALL AT *Edenhouse Cottage*

Lat..... Lon..... County of *Edinburgh*
Rain Gauge, by..... Observer *W H Cameron Esq C E*

sk-4.

Diameter											
Height	<i>6</i>										
Altitude	<i>787</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>2.40</i>	<i>2.70</i>	<i>5.50</i>	<i>4.85</i>	<i>3.45</i>	<i>5.70</i>	<i>2.60</i>	<i>9.50</i>	<i>4.50</i>	<i>1.70</i>	<i>4.290</i>
February.....	<i>4.05</i>	<i>2.90</i>	<i>2.60</i>	<i>1.40</i>	<i>1.20</i>	<i>1.00</i>	<i>4.00</i>	<i>3.20</i>	<i>1.40</i>	<i>2.05</i>	<i>2.380</i>
March.....	<i>2.25</i>	<i>1.85</i>	<i>4.60</i>	<i>1.50</i>	<i>2.20</i>	<i>1.60</i>	<i>6.10</i>	<i>2.45</i>	<i>1.20</i>	<i>4.00</i>	<i>2.775</i>
April.....	<i>1.75</i>	<i>4.60</i>	<i>3.35</i>	<i>1.40</i>	<i>2.75</i>	<i>1.15</i>	<i>2.95</i>	<i>4.00</i>	<i>1.75</i>	<i>6.20</i>	<i>2.790</i>
May.....	<i>1.60</i>	<i>1.70</i>	<i>5.20</i>	<i>2.50</i>	<i>2.00</i>	<i>1.60</i>	<i>1.60</i>	<i>3.20</i>	<i>3.90</i>	<i>3.30</i>	<i>2.560</i>
June.....	<i>3.25</i>	<i>2.35</i>	<i>3.35</i>	<i>1.05</i>	<i>1.50</i>	<i>2.75</i>	<i>3.40</i>	<i>3.40</i>	<i>2.35</i>	<i>2.15</i>	<i>2.535</i>
July.....	<i>1.95</i>	<i>3.10</i>	<i>3.85</i>	<i>3.85</i>	<i>2.55</i>	<i>3.85</i>	<i>2.25</i>	<i>6.20</i>	<i>1.50</i>	<i>11.00</i>	<i>3.910</i>
August.....	<i>1.65</i>	<i>2.65</i>	<i>3.75</i>	<i>4.50</i>	<i>6.60</i>	<i>2.50</i>	<i>4.35</i>	<i>9.60</i>	<i>6.90</i>	<i>4.00</i>	<i>4.650</i>
September.....	<i>2.50</i>	<i>3.05</i>	<i>5.30</i>	<i>3.25</i>	<i>3.20</i>	<i>4.50</i>	<i>4.25</i>	<i>2.05</i>	<i>4.40</i>	<i>2.15</i>	<i>3.465</i>
October.....	<i>3.50</i>	<i>2.55</i>	<i>5.55</i>	<i>6.10</i>	<i>5.15</i>	<i>3.40</i>	<i>3.55</i>	<i>3.75</i>	<i>3.75</i>	<i>1.85</i>	<i>3.915</i>
November.....	<i>1.40</i>	<i>4.70</i>	<i>5.75</i>	<i>4.20</i>	<i>3.70</i>	<i>5.75</i>	<i>4.20</i>	<i>3.80</i>	<i>3.80</i>	<i>3.85</i>	<i>4.115</i>
December.....	<i>2.40</i>	<i>3.20</i>	<i>2.90</i>	<i>2.90</i>	<i>1.55</i>	<i>2.90</i>	<i>5.75</i>	<i>3.00</i>	<i>3.80</i>	<i>2.70</i>	<i>3.110</i>
TOTALS	<i>27.70</i>	<i>34.35</i>	<i>51.70</i>	<i>36.50</i>	<i>35.85</i>	<i>36.70</i>	<i>45.00</i>	<i>54.15</i>	<i>38.25</i>	<i>44.95</i>	<i>40.575</i>

RAINFALL AT Lasswade Broomieknowe

700

Lat.

Lon.

County of Edinburgh

Rain Gauge, by

Observer A. McDowall

212-4.

Diameter....									5	.	
Height									1	.	
Altitude											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January											
February. ...									5.50		
March										7.70	
April									1.20		
May									2.80	1.95	
June									2.50		
July .....									.60		
August									4.45	15.40	
September ..									3.10		
October									2.25		
November ..									3.00	5.15	
December ..									2.60		
TOTALS ..									28.00	30.20	

RAINFALL AT *Dalkeith Park*

Lat.....

Lon.....

County of *Edinburgh*

Rain Gauge, by.....

Observer

*A. Buchan Esq.**bk-4.*

Diameter .....	.4											
Height .....	.4											
Altitude	183											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.60	1.63	3.33	2.68	1.70	2.50	.70	5.20	3.20	1.00	2.354	
February.....	4.30	1.65	1.71	1.20	1.00	.95	1.90	1.25	.70	1.30	1.596	
March.....	1.10	.62	3.12	1.50	1.00	.80	3.00	1.50	.60	1.60	1.484	
April.....	.20	3.90	1.81	.15	.70	.35	2.00	2.00	1.20	1.83	1.414	
May.....	.67	.72	4.40	1.65	1.30	.40	.45	1.60	2.92	1.45	1.556	
June.....	1.00	2.54	2.60	.60	1.90	1.65	1.90	1.45	2.30	4.20	2.014	
July.....	1.90	2.69	3.80	2.30	2.55	2.45	.55	4.05	.37	8.00	2.866	
August.....	.95	2.59	3.62	3.90	4.30	.80	3.30	6.05	3.80	2.90	3.221	
September.....	1.10	2.98	5.50	3.10	1.30	2.85	2.25	1.00	2.92	.65	2.365	
October.....	1.40	1.68	2.20	3.70	2.40	2.10	2.85	2.15	1.80	.50	2.048	
November.....	.50	2.80	4.28	2.50	3.25	4.00	2.40	1.55	2.82	2.20	2.630	
December.....	1.40	1.80	1.80	1.60	1.90	1.10	7.10	1.20	2.50	1.20	2.160	
TOTALS.....	16.12	25.60	38.17	24.88	23.30	19.95	28.40	29.00	25.13	26.83	25.738	

C C C

RAINFALL AT Inveresk

Lat.....

Lon.....

County of

Edinburgh

Rain Gauge, by.....

Observer

W. Mc Kuslane82-4.

Diameter .....	.9	.	.	.	.	12x6	.	.	.	.	.	.
Height	2	.0	3	.0	2	3	.	2	.	.	.	.
Altitude	90	.	60	.	0	.	.	.	.	30	.	.
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.67	1.26	3.77	2.56	1.38	2.89	.92	5.71	3.42	1.46	2.504	
February.....	2.05	1.79	1.96	1.59	1.22	1.39	2.99	2.14	.83	1.77	1.473	
March.....	1.00	.94	3.24	1.51	1.19	.99	3.72	2.14	.67	2.05	1.745	
April.....	.27	5.11	2.06	.19	1.17	.74	3.50	2.64	1.08	3.14	1.990	
May .....	.77	- .71	4.85	2.70	1.36	.50	.55	1.91	2.96	1.73	1.804	
June.....	1.80	2.98	3.28	.97	1.62	2.26	2.52	2.40	2.37	5.10	2.530	
July	1.26	3.90	5.22	2.89	3.19	3.18	1.59	4.59	.63	6.30	3.275	
August.....	.93	2.14	4.27	3.75	4.79	1.23	2.92	6.54	3.92	2.94	3.343	
September.....	1.77	3.23	6.02	3.15	1.40	2.62	4.60	1.14	3.45	1.27	2.865	
October.....	1.73	2.42	4.03	4.08	2.73	2.21	2.74	2.98	2.07	.96	2.595	
November.....	.85	4.21	4.41	3.18	3.69	4.27	4.04	2.11	2.96	3.13	3.285	
December.....	2.40	1.73	1.83	1.51	2.53	1.51	8.61	1.36	3.06	1.47	2.601	
TOTALS	16.50	30.42	44.94	28.08	26.27	23.79	38.70	35.66	27.42	31.32	30.310	

Inveresk church 400 yds N.W.

marked
scrapped out 1874

70

RAINFALL AT *Calder Cabbinsshaw Reservoir*

Lat..... Lon..... County of *Edinburgh*
..... Rain Gauge, by..... Observer *H. Buchanan Esq*

Almond sc - 5.

Diameter	<i>.6</i>										
Height	<i>.7</i>										
Altitude	<i>863.</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>3.10</i>	<i>3.10</i>	<i>5.80</i>	<i>5.00</i>	<i>3.50</i>	<i>4.10</i>	<i>1.70</i>	<i>8.10</i>			
February.....	<i>1.80</i>	<i>3.60</i>	<i>2.70</i>	<i>1.10</i>	<i>1.30</i>	<i>1.90</i>	<i>3.30</i>	<i>3.70</i>			
March.....	<i>.80</i>	<i>2.70</i>	<i>3.40</i>	<i>2.40</i>	<i>2.40</i>	<i>1.30</i>	<i>4.20</i>	<i>2.10</i>			
April.....	<i>1.00</i>	<i>3.10</i>	<i>1.70</i>	<i>.20</i>	<i>1.70</i>	<i>1.20</i>	<i>2.30</i>	<i>3.20</i>			
May	<i>2.40</i>	<i>1.00</i>	<i>4.40</i>	<i>3.40</i>	<i>1.10</i>	<i>(1.50)</i>	<i>1.00</i>	<i>2.80</i>			
June.....	<i>2.60</i>	<i>1.60</i>	<i>5.30</i>	<i>1.90</i>	<i>.90</i>	<i>2.70</i>	<i>2.70</i>	<i>2.80</i>			
July	<i>1.60</i>	<i>4.40</i>	<i>3.30</i>	<i>3.60</i>	<i>3.10</i>	<i>2.60</i>	<i>2.30</i>	<i>5.10</i>			
August.....	<i>.80</i>	<i>3.60</i>	<i>4.10</i>	<i>5.00</i>	<i>6.50</i>	<i>2.40</i>	<i>2.70</i>	<i>5.00</i>			
September.....	<i>2.40</i>	<i>2.10</i>	<i>6.30</i>	<i>4.70</i>	<i>3.00</i>	<i>4.20</i>	<i>2.80</i>	<i>1.80</i>			
October.....	<i>3.60</i>	<i>3.20</i>	<i>4.50</i>	<i>5.70</i>	<i>5.00</i>	<i>3.80</i>	<i>3.60</i>	<i>3.50</i>			
November.....	<i>1.70</i>	<i>4.10</i>	<i>5.80</i>	<i>3.60</i>	<i>3.70</i>	<i>5.30</i>	<i>2.50</i>	<i>5.00</i>			
December.....	<i>1.70</i>	<i>3.90</i>	<i>3.30</i>	<i>2.80</i>	<i>1.50</i>	<i>2.80</i>	<i>5.60</i>	<i>4.30</i>			
TOTALS	<i>23.50</i>	<i>36.40</i>	<i>50.60</i>	<i>38.80</i>	<i>33.70</i>	<i>(33.20)</i>	<i>34.70</i>	<i>47.40</i>	<i>—</i>		

C C C

1878 imp

ing 1875 rough est? (ind Lemark x1.4)

RAINFALL AT *Nest Calder Addiewell*

70

Lat.

Lon.

County of *Edinburgh*

Rain Gauge, by

Observer *J. Fyfe*

Almond &c - 5.

Diameter.											
Height.											
Altitude.											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									3.70	.90	
February									1.34	1.30	
March									2.02	2.08	
April									1.49	1.86	
May									3.72	2.01	
June									2.30	3.99	
July .....									.80	6.58	
August									4.28	4.51	
September									5.17	3.30	
October									4.11	2.57	
November									1.71	2.50	
December									1.40	2.26	
TOTALS									32.04	33.86	

RAINFALL AT *Mid Calder New Park* 70

Lat. _____ Lon. _____ County of *Edinburgh*

Rain Gauge, by _____ Observer *A. Buchan*

E

Almond TC-5.

Diameter . . .											
Height . . .											
Altitude . . .											
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .											
February . . .											
March											
April											
May											
June											
July											
August											
September . . .											
October											
November											
December											
TOTALS								<i>49.26</i>			

RAINFALL AT Currie Harlaw

Lat.....

Lon.....

County of...Edinburgh.....

Rain Gauge, by.....

Observer W H Cameron Esq. C E

Almond + C - 5.

Diameter	—											
Height	—											
Altitude	—								800			
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.80	2.50	5.70	4.50	2.70	4.20	1.60	7.90	3.60	1.10	3.660	
February.....	3.90	3.40	3.10	1.20	1.20	1.70	3.80	3.20	1.30	2.00	2.480	
March.....	1.30	1.90	3.50	2.70	1.80	1.70	4.70	1.70	1.00	3.20	2.350	
April.....	80	4.90	2.60	.30	2.30	.90	3.50	3.30	1.30	2.60	2.250	
May	1.90	.80	4.50	3.10	1.60	1.50	1.50	2.80	3.50	1.90	2.310	
June.....	3.60	1.80	3.80	.90	1.10	2.20	3.10	3.00	1.80	5.75	2.705	
July	1.90	3.30	3.70	3.50	2.60	3.60	1.80	5.80	.50	10.00	3.670	
August.....	1.10	2.80	3.20	4.30	6.70	2.00	4.00	7.30	5.80	3.70	4.090	
September.....	2.70	3.30	6.90	4.10	3.10	3.80	4.20	1.90	4.00	1.90	3.690	
October.....	3.10	2.80	4.40	5.30	4.00	3.40	3.00	3.30	3.30	1.80	3.440	
November.....	1.60	5.10	5.90	3.70	5.00	5.60	4.80	3.70	3.60	2.90	4.190	
December.....	2.50	2.30	3.30	2.50	3.70	2.20	9.20	2.40	3.30	1.60	3.300	
TOTALS	27.20	34.90	50.60	36.10	35.80	32.80	45.20	46.30	33.00	38.45	38.035	

C C C

RAINFALL AT Colinton Bonally

641270

Lat.....

Lon.....

County of...Edinburgh.....

Rain Gauge, by.....

Observer... W. H. Cameron Esq

Almond + C - 5.

Diameter.....											
Height											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					2.90	5.00	1.90	8.00	3.90	1.00	
February.....					1.20	1.90	4.10	3.30	1.50	2.40	
March.....					2.00	1.80	4.90	2.00	1.10	3.40	
April.....					2.00	1.00	4.00	3.70	1.50	2.90	
May.....					1.80	1.60	1.30	3.10	4.20	2.75	
June.....					1.40	2.60	3.20	3.30	2.00	6.10	
July.....					2.30	3.80	1.90	5.70	.70	9.00	
August.....					5.80	2.10	4.30	10.40	6.20	3.90	
September.....					3.30	4.00	4.50	2.00	4.60	1.95	
October.....					4.80	3.60	3.30	3.80	3.30	2.00	
November.....					4.90	5.80	3.90	3.60	4.00	2.60	
December.....					4.00	2.90	9.80	2.50	3.30	2.75	
TOTALS.....					36.40	36.10	47.10	51.40	36.30	40.75	

RAINFALL AT Colinton Clubbriedean

Lat..... Lon..... County of... Edinburgh
..... Rain Gauge, by..... Observer W H Cameron Esq C E
Almond + c - 5.

Diameter	—	—									
Height	—	—							1		
Altitude	—	—							750		
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.00	2.70	6.10	4.40	2.70	4.30	1.60	7.60	3.60	.09	3.609
February.....	4.90	3.30	3.10	1.50	1.30	1.30	4.00	3.00	1.30	2.01	2.571
March.....	1.30	2.00	4.80	2.40	1.90	1.20	4.90	1.70	.90	2.07	2.317
April.....	5.50	5.20	2.70	.30	2.30	1.00	3.90	3.60	1.30	2.16	2.296
May.....	2.10	.70	4.70	3.40	2.00	1.40	1.10	3.00	4.10	1.60	2.410
June.....	3.40	2.00	3.70	.90	1.50	2.70	2.90	3.10	1.80	4.36	2.636
July.....	1.70	3.50	3.90	3.50	2.30	3.50	1.80	5.20	.60	9.60	3.560
August.....	1.10	3.00	3.20	4.60	6.80	1.80	4.00	10.50	6.40	3.65	4.505
September.....	2.30	3.50	6.90	3.30	2.80	3.60	4.30	1.70	4.40	1.65	3.445
October.....	3.10	2.80	4.50	5.51	3.70	3.50	3.00	3.50	3.00	1.85	3.446
November.....	1.50	5.50	5.40	2.90	4.30	5.40	3.50	3.70	3.90	2.60	3.870
December.....	2.70	2.30	4.20	2.50	4.00	3.10	9.10	2.30	2.90	2.10	3.520
TOTALS	27.60	36.50	53.20	35.21	35.60	32.80	44.10	48.90	34.20	33.74	38.185

C C C

RAINFALL AT Colinton Swamston

Lat..... Lon..... County of Edinburgh

Rain Gauge, by..... Observer W H Cameron Esq C.E.

Almond + c - 5.

Diameter	-	-									
Height .....	.6	'							.1		
Altitude	555	'							550	'	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.85	2.50	4.60	3.50	1.70	3.60	1.50	7.55	3.10	1.00	3.090
February.....	⁺ 3.70	2.45	2.50	1.70	1.20	2.80	3.70	2.75	1.20	2.60	2.380
March	1.10	1.60	3.80	2.05	1.90	1.40	5.00	2.30	1.00	3.50	2.365
April.....	.60	4.10	2.30	.40	2.50	.90	3.50	3.70	1.20	2.80	2.210
May	1.50	.98	4.80	2.70	1.80	1.30	1.20	3.00	3.60	2.00	2.288
June.....	3.30	2.70	3.10	1.00	1.90	2.50	3.30	2.70	2.20	6.50	2.920
July	1.80	3.80	3.60	2.90	2.50	4.30	1.50	5.60	.75	8.00	3.445
August.....	1.20	2.80	3.40	4.40	4.60	1.80	3.00	8.90	5.50	3.40	3.900
September.....	1.98	3.40	5.50	4.00	2.50	3.80	5.00	1.40	4.10	1.30	3.298
October.....	2.07	2.40	3.90	5.50	3.10	2.80	3.00	3.40	2.95	1.70	3.082
November.....	1.36	5.50	4.70	2.80	3.90	4.30	4.00	3.10	3.75	2.00	3.361
December.....	2.10	2.50	2.20	2.60	3.90	2.90	6.80	2.00	3.40	1.80	3.020
TOTALS	22.56	34.73	44.40	33.55	31.50	31.80	41.50	46.60	32.75	36.60	35.599

C C C

RAINFALL AT Colinton, Fermanagh

Lat.....

Lon.....

County of Edinburgh

Rain Gauge, by.....

Observer J Leslie Esq. C.E.

Almond rc-5.

Diameter .....	.11											
Height .....	.6											
Altitude	500											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	2.60	2.50	4.90	3.80	2.60	6.10	1.40	7.50	4.00	1.30	3.640	
February.....	4.90	3.60	2.90	1.50	.90	1.80	3.40	2.40	1.20	3.40	2.600	
March.....	1.10	1.80	4.90	2.00	2.00	1.10	4.50	2.30	1.00	3.90	2.460	
April.....	5.50	5.50	2.50	.40	1.80	.90	3.70	4.10	1.60	3.00	2.400	
May	1.80	.80	4.50	3.40	1.60	1.30	.90	2.70	3.70	1.70	2.240	
June.....	3.10	2.40	3.40	.90	1.50	2.60	2.60	2.70	1.90	6.50	2.760	
July	1.70	3.40	3.70	3.80	2.40	3.70	1.60	5.10	.70	8.10	3.420	
August.....	1.40	2.80	3.20	4.40	5.70	1.90	3.60	9.70	5.30	3.10	4.110	
September.....	1.90	3.30	6.50	4.10	2.50	3.30	4.80	1.40	3.60	1.90	3.330	
October.....	2.50	2.70	3.80	4.80	3.00	2.90	2.80	2.60	2.50	1.40	2.900	
November.....	1.70	4.30	4.50	3.00	4.50	5.40	4.40	3.00	3.60	2.60	3.400	
December.....	2.00	2.10	4.90	2.00	3.50	3.10	9.20	2.20	5.30	2.20	3.690	
TOTALS	25.20	35.20	49.10	34.10	32.00	34.10	42.90	45.70	34.40	39.10	37.180	

1871 On level ground

Ratho Binnington

70

RAINFALL AT Ratho Binnington

Lat.....

Lon.....

County of...Edinburgh...

Rain Gauge, by..... Observer

Almond to - 5.

Diameter	3										
Height	4				1						
Altitude	405										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		6.10	3.80	2.40							
February	4.30	2.70	1.30	1.00							
March	1.50	3.80	1.70	1.30							
April.....	4.30	2.10	1.10	2.80							
May	1.00	4.50	2.90	1.30							
June.....	1.40	3.50	1.50	1.70							
July	2.60	1.80	2.90	2.10							
August.....	2.50	2.70	3.60	5.20							
September.....	3.10	5.40	5.10	2.10							
October.....	2.20	3.90	4.20	3.40							
November.....	2.70	4.20	2.20	4.00							
December.....	2.10	2.60	2.50	2.60							
TOTALS	27.70	43.30	31.00	28.90							

1871 now 22 years

1875 more py

70

RAINFALL AT *Ratho The Villa*

Lat.....

Lon.....

County of *Edinburgh*

Rain Gauge, by.....

Observer...

*A. Buchanan Esq.**T. Sheriff Esq M.D.**Almond TC-5*

Diameter.....			4					5			
Height.....								2			
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				3.30	2.12			6.10			
February.....				1.18	.90			1.98			
March.....			#3.74	1.65	1.71			1.48			
April.....			2.16	.29	1.63			3.30			
May.....			3.56	2.07	1.26			2.14			
June.....			3.08	.96	1.28			2.20			
July.....			3.04	3.07	2.10			4.25			
August.....			3.42	3.26	4.48			7.30			
September.....			5.04	3.75	2.98			1.45			
October.....			3.86	4.10	2.89			2.40			
November.....			2.73	2.43	3.34			2.10			
December.....			3.64	2.01	2.50			2.30			
TOTALS.....				28.01	27.19			37.00			

C

1875 no reply

79

RAINFALL AT

Edinburgh Royal Observatory

Lat.

Lon.

County of

Edinburgh

Rain Gauge, by

Observer

Dr Copeland

Almond 12-5.

Diameter.							5					
Height.							23.0					
Altitude.							37°					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.								3.69	1.48	.85		
February.								1.08	.35	.73		
March.								1.08	.35	1.19		
April.								2.03	.73	1.55		
May.								1.51	2.06	1.09		
June.								1.26	1.65	3.60		
July.								3.53	.54	5.36		
August.								6.46	3.53	2.21		
September.							3.42	.84	1.96	.86		
October.							1.60	1.63	1.21	.81		
November.							2.66	.93	1.96	1.43		
December.							3.23	1.04	1.23	.36		
TOTALS.								25.08	17.05	20.04		

The water flows through a small pipe into a glass receiver inside the Observatory. About .03 in. of rain lodges in a bend in the pipe and is probably evaporated during long periods of dry weather.

RAINFALL AT *Constonphime Meadowfield*

Lat..... Lon..... County of..... *Edinburgh*
..... Rain Gauge, by..... Observer *Arch^d Peterson*

Almond TC-5.

Diameter	<i>.8</i>										
Height	<i>9.4</i>										
Altitude	<i>155.</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>1.49</i>	<i>1.21</i>	<i>3.24</i>	<i>2.23</i>	<i>1.60</i>	<i>2.83</i>	<i>1.08</i>	<i>5.09</i>	<i>2.08</i>	<i>.88</i>	<i>2.173</i>
February.....	<i>1.95</i>	<i>2.24</i>	<i>3.20</i>	<i>1.21</i>	<i>.50</i>	<i>1.17</i>	<i>2.95</i>	<i>1.49</i>	<i>.87</i>	<i>1.27</i>	<i>1.685</i>
March.....	<i>.92</i>	<i>1.03</i>	<i>2.13</i>	<i>1.39</i>	<i>1.04</i>	<i>.69</i>	<i>2.65</i>	<i>1.33</i>	<i>.45</i>	<i>2.02</i>	<i>1.365</i>
April.....	<i>.21</i>	<i>4.03</i>	<i>1.88</i>	<i>.21</i>	<i>1.08</i>	<i>.52</i>	<i>2.84</i>	<i>2.98</i>	<i>1.38</i>	<i>2.16</i>	<i>1.729</i>
May	<i>1.06</i>	<i>.60</i>	<i>3.25</i>	<i>2.33</i>	<i>1.01</i>	<i>.91</i>	<i>.62</i>	<i>2.07</i>	<i>2.75</i>	<i>1.24</i>	<i>1.584</i>
June.....	<i>2.14</i>	<i>1.41</i>	<i>2.35</i>	<i>.68</i>	<i>1.39</i>	<i>1.44</i>	<i>2.65</i>	<i>1.25</i>	<i>1.59</i>	<i>4.48</i>	<i>1.938</i>
July	<i>1.35</i>	<i>2.60</i>	<i>3.65</i>	<i>3.00</i>	<i>2.17</i>	<i>3.13</i>	<i>1.64</i>	<i>4.30</i>	<i>.44</i>	<i>5.77</i>	<i>2.805</i>
August.....	<i>.80</i>	<i>3.16</i>	<i>2.84</i>	<i>3.60</i>	<i>4.39</i>	<i>1.18</i>	<i>2.98</i>	<i>6.88</i>	<i>4.70</i>	<i>2.49</i>	<i>3.310</i>
September.....	<i>1.22</i>	<i>2.50</i>	<i>4.95</i>	<i>3.11</i>	<i>1.95</i>	<i>2.68</i>	<i>3.50</i>	<i>1.19</i>	<i>2.54</i>	<i>1.35</i>	<i>2.499</i>
October.....	<i>1.71</i>	<i>2.30</i>	<i>3.69</i>	<i>4.46</i>	<i>2.59</i>	<i>2.77</i>	<i>2.71</i>	<i>1.98</i>	<i>1.90</i>	<i>.86</i>	<i>2.497</i>
November.....	<i>.57</i>	<i>2.77</i>	<i>3.04</i>	<i>2.21</i>	<i>3.77</i>	<i>4.79</i>	<i>3.13</i>	<i>1.72</i>	<i>2.38</i>	<i>1.87</i>	<i>2.625</i>
December.....	<i>1.60</i>	<i>1.76</i>	<i>1.89</i>	<i>1.41</i>	<i>2.22</i>	<i>1.68</i>	<i>6.26</i>	<i>1.54</i>	<i>2.06</i>	<i>1.36</i>	<i>2.148</i>
TOTALS	<i>15.10</i>	<i>25.61</i>	<i>36.11</i>	<i>25.84</i>	<i>23.71</i>	<i>23.79</i>	<i>33.01</i>	<i>31.82</i>	<i>23.14</i>	<i>25.75</i>	<i>26.388</i>

C C C

1870 I cannot put any G lower as it would blot among the shrubs & in my garden & I have no other place. so hi on the greenhouse.

RAINFALL AT Ratho Ingliston

700

Lat.

Lon.

County of *Edinburgh*

Rain Gauge, by

Observer *J. Fortune Esq*

Almond FC-5.

Diameter . . .						5					
Height . . .						27.6					
Altitude . . .						150					
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .						4 7 th 2.66					
February . .						1.14					
March . . . .						.95					
April . . . .						.87					
May						1.20					
June						1.38					
July						3.18					
August						1.28					
September . .						3.21					
October						3.34					
November . . .						4.53					
December . . .						2.42					
TOTALS . . .											

A gauge started in a field in 1876

RAINFALL AT

Ratho

Inglisdon
Islington

700

Lat.

Lon.

County of

Edinburgh

Rain Gauge, by

Observer

J. Fortune Esq.

Almond to 5

Diameter . . .							5				
Height . . .							1				
Altitude . . .							117				
Year . . .	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January . . .							# 1.63	5.82	2.72		
February . .							3.19	2.01	1.15		
March							4.47	1.60	.72		
April							2.91	3.54	1.56		
May							1.02	2.36	2.95		
June							2.24	2.10	1.89		
July							2.23	4.71	.71		
August							3.05	7.52	3.12		
September . .							3.88	1.48	2.87		
October							1.20	2.66	2.20		
November . .							3.11	2.06	2.67		
December . .							7.16	2.20	2.30	#	
TOTALS . .							36.09	38.06	24.86		

1879 Observer dead.

RAINFALL AT *Edinburgh Salisbury Green*

Lat..... Lon..... County of *Edinburgh*
..... Rain Gauge, by..... Observer *A. Buchan Esq.*

Almond TC-5.

Diameter.....			<i>5</i>								
Height			<i>8</i>								
Altitude.....			<i>270</i>								
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			<i>3.80</i>								
February.....			<i>1.90</i>								
March.....			<i>2.90</i>								
April.....			<i>1.60</i>								
May			<i>3.51</i>								
June.....			<i>3.15</i>								
July			<i>4.77</i>								
August.....			<i>3.00</i>								
September.....			<i>5.55</i>								
October.....			<i>(3.50)</i>								
November.....			<i>5.60</i>								
December.....			<i>2.17</i>								
TOTALS.....			<i>41.45</i>								

C

RAINFALL AT *Edinburgh March Hall*

Lat.....

Lon.....

County of.....

*Edinburgh**Jagge*

Rain Gauge, by.....

Observer

*A. Buchan Esq.**Almond TC - 5.*

Diameter	5										
Height	3										
Altitude	<i>170</i>	<i>170</i>									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>2.00</i>	<i>1.40</i>									
February.....	<i>1.60</i>	<i>2.70</i>									
March.....	<i>1.10</i>	<i>1.10</i>									
April.....	<i>1.40</i>	<i>4.60</i>									
May.....	<i>1.00</i>	<i>1.00</i>									
June.....	<i>2.70</i>	<i>2.40</i>									
July.....	<i>1.70</i>	<i>2.80</i>									
August.....	<i>2.10</i>	<i>2.30</i>									
September.....	<i>1.10</i>	<i>2.60</i>									
October.....	<i>2.10</i>	<i>2.00</i>									
November.....	<i>1.10</i>	<i>3.40</i>									
December.....	<i>1.00</i>	<i>1.80</i>									
TOTALS	<i>17.90</i>	<i>28.10</i>									

C C

RAINFALL AT *Edinburgh Breatham House*

Lat.

Lon.

County of

Edinburgh

Rain Gauge, by

Observer.....

Almond TC-5.

Diameter											
Height											
Altitude									55		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									2.90	1.20	
February. . .									1.30	1.30	
March .....									.90	2.30	
April									1.25	2.50	
May									2.68	1.65	
June									2.00	5.00	
July .....									.65	6.10	
August									4.80	2.60	
September ..									1.85	1.50	
October									2.60	1.25	
November ..									3.80	2.00	
December ..									2.20	2.00	
TOTALS ..								41.88	26.93	29.40	

RAINFALL AT Edinburgh Cumin Place

Lat.

Lon.

County of Edinburgh

Rain Gauge, by

Observer A. B.

Almond TC-5.

Diameter....							5				
Height							1				
Altitude							274				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January						3.29	1.13	7.42	3.84	1.30	
February....						1.22	2.95	2.22	.86	2.05	
March .....						.92	3.67	2.67	.78	2.44	
April .....						.69	3.59	3.46	1.50	2.69	
May .....						.91	1.05	2.56	3.02	1.79	
June						2.04	3.18	1.80	1.81	4.99	
July.....						3.73	1.26	4.75	.76	7.63	
August						1.80	3.24	9.64	4.54	2.73	
September ..						3.13	4.73	1.14	2.93	1.60	
October						2.52	2.69	2.72	1.87	1.28	
November ..						4.61	4.03	2.42	3.67	2.42	
December ..						2.35	6.17	1.62	2.81	1.71	
TOTALS ..						27.21	37.69	42.42	28.39	32.63	

RAINFALL AT *Edinburgh Princes Street Gardens*

Lat.....

Lon.....

County of.....

Edinburgh

Rain Gauge, by.....

Observer.....

*A. Buchan Esq.**Almond RC - 5.*

Diameter	—	.6									
Height	—	7.6									
Altitude	—	220.0									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.54	.90	3.52	2.16	1.78		.99				
February.....	2.22	2.02	1.96	1.09	.90	1.30	3.12				
March.....	.84	1.17	3.04	1.67	1.27	.80	3.11				
April.....	.25	4.44	1.94	.24	1.47	.55	3.34				
May	1.10	.70	3.26	2.56	1.50	.70	1.04				
June.....	1.57	.80	2.27	.95	1.84	2.50	2.53				
July	1.93	2.64	4.64	2.93	3.09	3.23	1.17				
August.....	1.14	2.39	2.95	4.53	4.90	1.09	3.59				
September.....	2.10	2.05	5.73	3.83	1.64	1.99	6.44				
October.....	1.50	1.84	3.29	4.75		2.72	2.59				
November.....	.70	1.47	3.63	2.50		4.86	4.16				
December.....	2.20	2.82	2.00	1.53		1.57	4.81				
TOTALS	17.17	23.24	38.23	28.24			36.89				

C C C

1874 no slip marked in an^d as R.S.

1877 N/R

RAINFALL AT *Edinburgh Charlotte Square Green.*

Lat.....

Lon.....

County of.....

Edinburgh

Rain Gauge, by.....

Observer

*J Leslie Esq.**Almond TC-5.*

Diameter	<i>.11</i>										
Height	<i>.6</i>										
Altitude	<i>230</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>1.68</i>	<i>1.25</i>	<i>3.63</i>	<i>2.32</i>	<i>1.74</i>	<i>2.74</i>	<i>.80</i>	<i>5.17</i>	<i>2.56</i>	<i>1.29</i>	<i>2.318</i>
February.....	<i>5.70</i>	<i>2.41</i>	<i>2.02</i>	<i>1.38</i>	<i>.70</i>	<i>1.17</i>	<i>3.42</i>	<i>1.85</i>	<i>.50</i>	<i>1.78</i>	<i>2.093</i>
March	<i>1.11</i>	<i>1.07</i>	<i>3.30</i>	<i>1.60</i>	<i>1.73</i>	<i>.90</i>	<i>3.08</i>	<i>1.67</i>	<i>.58</i>	<i>2.30</i>	<i>1.734</i>
April.....	<i>-.43</i>	<i>4.55</i>	<i>1.70</i>	<i>.21</i>	<i>.90</i>	<i>.67</i>	<i>3.41</i>	<i>2.98</i>	<i>1.43</i>	<i>2.22</i>	<i>1.860</i>
May	<i>1.31</i>	<i>.83</i>	<i>3.46</i>	<i>2.70</i>	<i>1.50</i>	<i>.75</i>	<i>1.01</i>	<i>2.21</i>	<i>2.91</i>	<i>1.74</i>	<i>1.842</i>
June.....	<i>2.25</i>	<i>1.90</i>	<i>3.13</i>	<i>1.21</i>	<i>1.60</i>	<i>2.00</i>	<i>2.60</i>	<i>1.89</i>	<i>2.41</i>	<i>5.16</i>	<i>2.415</i>
July	<i>1.65</i>	<i>2.80</i>	<i>3.58</i>	<i>2.80</i>	<i>3.34</i>	<i>3.26</i>	<i>1.22</i>	<i>4.57</i>	<i>.76</i>	<i>5.79</i>	<i>2.947</i>
August.....	<i>1.29</i>	<i>2.56</i>	<i>3.28</i>	<i>4.53</i>	<i>4.87</i>	<i>1.13</i>	<i>3.40</i>	<i>8.33</i>	<i>4.02</i>	<i>2.44</i>	<i>3.585</i>
September.....	<i>1.84</i>	<i>2.55</i>	<i>5.80</i>	<i>4.46</i>	<i>1.75</i>	<i>2.67</i>	<i>4.02</i>	<i>1.25</i>	<i>2.80</i>	<i>1.65</i>	<i>2.849</i>
October.....	<i>1.76</i>	<i>2.45</i>	<i>3.38</i>	<i>3.07</i>	<i>2.42</i>	<i>2.34</i>	<i>2.32</i>	<i>2.50</i>	<i>1.79</i>	<i>.92</i>	<i>2.295</i>
November.....	<i>.69</i>	<i>2.87</i>	<i>3.60</i>	<i>2.47</i>	<i>3.11</i>	<i>4.92</i>	<i>3.64</i>	<i>2.01</i>	<i>2.92</i>	<i>1.85</i>	<i>2.808</i>
December.....	<i>2.40</i>	<i>1.63</i>	<i>2.08</i>	<i>1.44</i>	<i>2.10</i>	<i>1.81</i>	<i>6.73</i>	<i>1.57</i>	<i>2.22</i>	<i>1.39</i>	<i>2.337</i>
TOTALS	<i>22.11</i>	<i>26.87</i>	<i>38.96</i>	<i>28.19</i>	<i>25.76</i>	<i>24.36</i>	<i>35.65</i>	<i>36.00</i>	<i>24.90</i>	<i>28.53</i>	<i>29.133</i>

RAINFALL AT *Edinburgh Charlotte Square Roof*

Lat.....

Lon.....

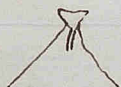
County of.....

Edinburgh

Rain Gauge, by..... Observer

Almond + C - 5.

Diameter	7											
Height	63.0											
Altitude	300.0											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.00	.52	2.45	1.45	1.14	1.82	.52	3.90	1.67	.75	15.22	
February	1.30	1.65	1.38	1.00	.35	.42	2.50	1.50	.78	.97	11.85	
March	1.60	.60	2.00	1.00	.95	.60	2.20	1.22	.30	1.52	11.99	
April.....	.15	3.10	1.15	.05	.50	.41	2.70	2.20	.95	1.55	12.76	
May .....	.80	.42	2.60	2.10	1.10	.60	.75	1.65	2.40	1.28	13.70	
June.....	1.65	1.30	2.40	.75	1.30	1.45	2.10	1.42	1.80	4.27	18.44	
July	1.25	1.80	2.48	2.20	2.95	3.00	.86	4.10	.55	4.75	23.94	
August.....	.85	1.90	2.52	3.80	4.12	.80	2.80	6.90	3.20	2.20	29.09	
September.....	1.05	1.60	4.63	3.82	1.22	2.14	3.80	1.05	2.35	1.05	22.71	
October.....		1.60	2.45	2.95	1.80	1.82	2.10	1.90	1.46	.80		
November.....	.40	1.95	2.40	1.91	2.41	3.80	2.85	1.20	2.15	1.50	20.57	
December.....	1.20	.95	1.22	1.00	1.32	1.10	4.80	1.24	1.30	1.10	15.23	
TOTALS		17.39	27.68	22.03	19.16	17.96	27.98	28.28	18.91	21.74		



RAINFALL AT *Joppa n. Portobello*

Lat.....

Lon.....

County of.....

Edinburgh

Rain Gauge, by.....

Observer...

*A. M. Dowall**Almond & C-5.*

Diameter.....			<i>5</i>								
Height			<i>2</i>								
Altitude.....			<i>30</i>								
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											
February.....											
March.....											
April.....											
May											
June.....											
July											
August.....											
September.....											
October.....											
November.....			<i>$\frac{1}{4}$.05</i>								
December.....			<i>1.65 $\frac{1}{4}$</i>								
TOTALS											

C

RAINFALL AT *Leith*

70

Lat.

Lon.

County of *Edinburgh*

Rain Gauge, by

Observer *Reg. Gen. Ret.*

Almond TC-5.

Diameter.											
Height.											
Altitude.											
Year.	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.		1.29	2.38	2.29	{2.50}	2.70	1.07	6.05	2.79	1.34	
February.		2.31	1.92	1.39		1.01	3.46	2.08	.72	1.58	
March. ....		.89	2.89	1.28	1.15	.85	3.14	1.53	.73	2.20	
April.		4.53	1.66	.30	1.40	.69	3.41	2.69	1.35	2.12	
May. ....		.81	3.33	2.45	1.44	.75	.90	2.05	2.49	1.64	
June.		2.28	3.32	1.12	2.06	1.60	2.32	1.91	2.16	5.03	
July.		2.49	3.83	2.85	3.48	3.88	1.97	4.42	.58	5.59	
August.		2.43	3.19	3.48	4.56	1.28	2.92	6.77	3.46	2.32	
September.		2.14	4.93	3.27	1.61	2.69	4.18	1.33	2.84	1.65	
October.		2.07	4.02	4.96	2.22	2.35	2.69	2.51	1.87	.94	
November. ....		.72	3.23	3.59	{4.00}	2.91	4.97	3.39	2.01	2.93	1.92
December.		1.97	1.54	2.04		2.56	2.05	5.98	1.84	2.05	1.51
TOTALS.		26.01	37.10	(27.39)	(25.89)	24.82	35.43	35.19	23.97	27.84	

*

1873 July, August and September given wrongly in M.S. by Mr. Buchan as 2.29, 1.39 & 1.28 respectively

* missing months roughly est. x 21

RAINFALL AT Leith

70

Lat. _____ Lon. _____ County of Edinburgh
Rain Gauge, by _____ Observer The Met. Council

Almond + c - 5.

Diameter.								8			
Height.								1. 8			
Altitude.								22			
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.								4.47	2.39	1.24	
February.								1.80	.64	1.47	
March.								1.30	.64	1.90	
April.								2.46	1.07	1.72	
May.								2.00	2.25	1.40	
June.								1.73	2.06	4.71	
July.								3.57	.52	5.07	
August.								6.03	3.12	2.07	
September.								1.18	2.62	1.46	
October.								2.31	1.61	.81	
November.								1.77	2.73	1.72	
December.								1.66	1.62	1.32	
TOTALS.								30.28	21.27	24.89	

RAINFALL AT *Bathgate*

Lat.

Lon.

County of *Linlithgow.*

Rain Gauge, by

Observer *J. Fyfe**Forth, Rank - 2.*

Diameter.											
Height.											
Altitude.											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January									3.07	1.33	
February.									1.21	1.62	
March									1.59	2.37	
April									1.87	1.89	
May									3.71	1.85	
June									2.52	4.45	
July .....									.66	5.52	
August									3.95	4.38	
September.									4.22	2.64	
October									3.29	1.84	
November									1.86	2.37	
December									2.08	1.58	
TOTALS									30.03	31.84	

RAINFALL AT *Linlithgow* *Rockville* **70**

Lat. Lon. County of *Linlithgow*
Side-tube Rain Gauge, by *Adie* Observer *J. M. Adie*

Forth, Rank - 2.

Diameter.	$1\frac{5}{12}$										
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	2.23	
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 Rockville* 70

Lat. _____ Lon. _____ County of *Linlithgow*
Float Rain Gauge, by _____ Observer *J. M. Adie*

Form, 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	5.00	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 *Lisnallynagh, Rockville*

Lat..... Lon..... County of... *Lisnallynagh*.....

Rain Gauge, by..... Observer *H. Buchanan Esq*.....

Forth, Rbank - 2.

Diameter	<i>.10</i>			<i>.5</i>			<i>.5</i>				
Height	<i>5.0</i>			<i>4</i>			<i>.5</i>				
Altitude							<i>260</i>				
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		<i>3.00</i>	<i>5.10</i>	<i>4.10</i>	<i>3.50</i>	<i>6.00</i>	<i>2.00</i>	<i>8.00</i>	<i>3.60</i>	<i>1.20</i>	
February		<i>3.10</i>	<i>3.10</i>	<i>.95</i>	<i>.95</i>	<i>6.00</i>	<i>4.40</i>	<i>3.30</i>	<i>1.60</i>	<i>1.20</i>	
March		<i>1.89</i>	<i>1.55</i>	<i>2.10</i>	<i>2.22</i>	<i>1.02</i>	<i>4.30</i>	<i>1.80</i>	<i>.90</i>	<i>3.20</i>	
April.....		<i>4.54</i>	<i>1.42</i>	<i>.20</i>	<i>2.34</i>	<i>.92</i>	<i>4.80</i>	<i>3.09</i>	<i>1.26</i>	<i>1.50</i>	
May		<i>.81</i>	<i>3.77</i>	<i>2.79</i>	<i>1.29</i>	<i>1.32</i>	<i>1.00</i>	<i>2.17</i>	<i>3.46</i>	<i>1.59</i>	
June.....		<i>1.47</i>	<i>4.30</i>	<i>1.27</i>	<i>1.29</i>	<i>2.25</i>	<i>2.30</i>	<i>2.84</i>	<i>2.70</i>	<i>4.32</i>	
July		<i>2.93</i>	<i>3.90</i>	<i>3.75</i>	<i>2.66</i>	<i>2.41</i>	<i>2.70</i>	<i>3.77</i>	<i>.58</i>	<i>3.78</i>	
August.....		<i>2.83</i>	<i>4.52</i>	<i>3.77</i>	<i>5.41</i>	<i>1.83</i>	<i>3.40</i>	<i>8.22</i>	<i>4.94</i>	<i>4.80</i>	
September.....		<i>2.66</i>	<i>5.56</i>	<i>4.09</i>	<i>2.77</i>	<i>2.44</i>	<i>5.00</i>	<i>1.29</i>	<i>3.50</i>	<i>2.23</i>	
October.....		<i>2.74</i>	<i>3.34</i>	<i>5.96</i>	<i>4.19</i>	<i>4.61</i>	<i>3.80</i>		<i>1.98</i>	<i>1.52</i>	
November.....		<i>2.19</i>	<i>3.32</i>	<i>1.74</i>	<i>2.51</i>	<i>5.03</i>	<i>3.80</i>		<i>1.79</i>	<i>1.49</i>	
December.....		<i>2.86</i>	<i>2.72</i>	<i>1.85</i>	<i>1.00</i>	<i>4.40</i>	<i>9.30</i>		<i>2.21</i>	<i>1.95</i>	
TOTALS		<i>31.02</i>	<i>42.60</i>	<i>32.57</i>	<i>30.13</i>	<i>38.23</i>	<i>46.80</i>		<i>28.52</i>	<i>28.78</i>	

Readings of two gauges mixed

1871 23 years

**1875 Feb started by W Adie to be correct*

RAINFALL AT *Boness 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.	3.10	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	2.30	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 *Abercorn*

Lat.....

Lon.....

County of *Lincolnshire*Rain Gauge, by..... Observer *Reverend David Stauffer**Forth, R. bank - 2.*

Diameter.....			.5								
Height.....			10								
Altitude.....			130								
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			3.98 3.43	1.94	3.82	1.79	5.94	3.02	1.22		
February.....			2.57	1.19	.80	1.33	3.83	2.89	.65	1.78	
March.....			2.41	1.38	1.85	1.07	3.46	1.41	1.24	2.35	
April.....			1.59	.09	2.02	.54	3.80	2.35	1.59	2.06	
May.....			3.90	1.75	.75	.98	.67	2.44	3.14	1.55	
June.....			3.80	2.74	1.34	1.76	2.47	1.72	2.15	3.86	
July.....			3.44	2.15	2.52	2.17	1.99	4.41	.45	4.03	
August.....			4.02	2.91	5.64	1.53	3.29	6.78	3.38	4.08	
September.....			4.24	3.03	2.18	3.37	4.27	1.25	3.13	1.90	
October.....			3.58	4.24	3.27	4.10	3.48	2.90	1.92	1.05	
November.....			3.55	1.68	3.12	5.06	3.42	2.19	2.13	.91	
December.....			3.01	1.82	2.13	2.94	6.76	2.25	2.38	1.90	
TOTALS.....			40.09	26.35	27.56	28.67	39.23	36.53	25.18	26.69	

G on Lawn 10 yards south of the house surrounded by
 high shrubbery about 8 or 10 yards distant behind which
 are trees to the S. W. & E. i.e. on N, House 30ft high 30ft distant
 on E, wall 8ft high 54ft distant, shrubbery 8 to 10ft
 high 25 to 30 ft distant

Abercorn church 180 yds N.

RAINFALL AT *Biggar Cambrus Wallace*

near Biggar
70

Lat..... Lon..... County of *Lanark*.....

Rain Gauge, by..... Observer *Captain Paul*.....

Tweed, L. bank - 1.

Diameter			6								
Height			6								
Altitude			748 ^{ft}								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	(2.33)	(2.21)	4.73	4.37	2.73	3.70	.89	5.83	3.21	1.33	
February.....	(2.37)	(2.18)	2.82	.80	1.29	1.16	2.84	2.60	1.39	1.77	
March.....	(.92)	(2.71)	2.32	1.88	1.62	.86	4.23	2.04	1.00	2.40	
April.....	(.71)	(2.62)	1.88	.23	1.57	.83	2.21	2.01	1.70	1.41	
May.....	(2.35)	(.49)	2.90	2.57	1.72	1.58	.80	2.47	3.00	1.84	
June.....	(1.63)	(2.39)	4.08	1.53	.78	2.90	2.63	2.11	2.02	4.42	
July.....	(1.30)	(4.48)	3.80	4.30	2.30	3.67	1.78	2.82	.66	4.22	
August.....	(1.94)	(3.49)	2.90	4.15	5.35	2.13	4.05	5.20	4.43	3.42	
September.....	(1.63)	(1.66)	4.55	3.62	3.29	4.98	2.64	2.18	3.32	2.42	
October.....	(2.67)	(2.43)	3.23	5.20	4.57	2.87	2.99	2.97	3.02	1.40	
November.....	(1.55)	(2.18)	4.87	2.22	3.90	3.61	2.34	4.18	2.40	1.41	
December.....	(1.60)	(3.16)	3.98	2.14	2.31	1.80	4.39	2.50	1.25	1.43	
TOTALS	(21.00)	(30.00)	42.06	33.01	31.43	30.09	31.79	36.91	27.40	27.47	(31.11)

1875 Trees to the S., S.W., & N.W. of gauge but none nearer than 46 ft. shrubbery on E & W about 7 ft high & 15 ft distant

Biggar church $\frac{3}{4}$ mile W.

1870 & 1871 estimated from Lanark

RAINFALL AT *Lanark Ridge Park*

Lat.....

Lon.....

County of *Lanark*

Rain Gauge, by.....

Observer *C Lindsay Esq^r*

Clyde - R. bank - 4.

Diameter	5											
Height	4											
Altitude	630											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.18	2.64	6.24	5.64	3.33	3.93	1.71	7.01	3.87	1.23	38.78	
February.....	2.90	2.62	2.81	1.04	1.30	1.54	3.08	3.06	1.26	1.53	21.14	
March.....	1.11	3.17	2.42	2.39	1.92	.98	4.43	1.95	1.17	2.43	21.97	
April.....	.84	2.72	1.26	.37	2.17	.88	1.51	2.42	1.71	1.38	15.26	
May.....	2.15	.60	3.19	2.85	1.33	1.51	.58	2.17	3.22	1.84	19.44	
June.....	2.07	2.83	5.64	1.10	.58	2.61	2.67	2.18	2.38	3.71	25.77	
July.....	1.30	4.92	5.15	4.29	2.54	3.17	2.50	2.90	1.16	4.23	32.16	
August.....	1.32	3.96	3.58	3.31	5.33	2.07	3.70	4.64	3.31	5.62	36.84	
September.....	2.40	1.66	4.98	3.88	3.64	4.27	2.18	2.37	4.66	2.76	32.80	
October.....	2.50	2.60	3.66	6.45	5.36	3.37	3.69	3.02	3.69	1.54	35.88	
November.....	2.02	2.35	5.05	2.32	3.03	2.92	2.17	4.54	2.10	1.06	27.56	
December.....	1.53	3.64	4.82	2.59	1.67	2.64	3.68	3.12	2.00	2.52	27.71	
TOTALS	23.32	33.71	48.30	36.23	32.20	29.89	31.90	39.38	30.53	29.85	335.31	

1870 G fully exposed except on SE (there shaded by the house but it is more than its own height distant,) it is on grass
 1871 I have 2 gauges one 4 in & 12 in above the grass the higher one generally denotes 0.01 less than that at 4 in during high wind the difference is greater and more variable
 1878 House 60ft distant on E 40ft high

Lanark church $\frac{1}{2}$ mile S.

RAINFALL AT *Lanark Sunnyside*

70

Lat.....

Lon.....

County of *Lanark*

Rain Gauge, by.....

Observer *Wm Lushman*

Clyde, R. bank - 4.

Diameter .....	.5										
Height	1.8										
Altitude	384										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.39	2.91									
February.....	2.55	2.32									
March.....	.84	2.65									
April.....	-.67	2.78									
May	2.19	.59									
June.....	1.62	1.80									
July	1.22	5.06									
August.....	1.18	4.79									
September.....	2.52	1.75									
October.....	2.54	2.75									
November.....	1.83	2.18									
December.....	1.51	3.78									
TOTALS	21.06	33.36									

1871 Aug. 21st 2.00 in fell during L & S which was so partial that not half that quantity was measured at Ridge Park not 1 mile distant

RAINFALL AT *Lamark Baronald*

bu list
70

Lat.....

Lon.....

County of.....

Lamark

Rain Gauge, by.....

Observer

Capt. Thornton

Clyde, E. bank - 4.

Diameter .....	.5										
Height	1										
Altitude	π 505										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.60	2.23	5.77	4.83	3.10		1.50	7.46	4.01		
February.....	2.64	2.19	2.95	1.00	1.33		3.52	2.96	1.96		
March.....	1.02	2.79	2.76	2.64	1.97		4.79	2.33	1.33		
April.....	.79	3.05	1.23	.19	1.76		2.28	2.78	1.89		
May	2.62	.48	3.18	2.85	1.48		.74	2.50	3.50		
June.....	1.02	2.42	5.79	.91	.68		3.03	2.20	2.74		
July	1.45	4.94	5.15	4.87	2.83		2.27	3.35	1.16		
August.....	2.16	3.74	3.70	3.77	5.54		3.76	5.42	3.69		
September.....	1.02	1.97	5.55	4.04	3.87		2.49	2.65	4.63		
October.....	π 2.97	2.74	4.96	5.76	5.33		3.99	3.45	3.82		
November.....	1.72	2.44	4.18	1.75	3.46		3.56	4.88	1.29		
December.....	1.78	3.32	3.83	2.03	1.88		5.30	3.32	.25	#	
TOTALS	23.39	32.31	49.05	34.64	33.23		37.23	43.30	30.27		

C C C

G in Garden which slopes down towards SE
at an incline of about 1 in 5

1875 no slip, marked R.I. in TB

1877 Three walls about 8ft high + each about 15yds
firm gauge

RAINFALL AT *Cannurath*

Lat..... Lon..... County of *Lancashire*
Rain Gauge, by..... Observer *W. W. Currie*

Clyde, Ribbleshead

Diameter	3										
Height	1										
Altitude	700										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.36	2.88	5.66	5.23	3.21	5.22					
February.....	2.23	3.51	2.22	1.30	1.50	1.58					
March.....	1.10	3.04	2.61	2.48	2.21	1.15					
April.....	.68	3.05	1.27	.27	1.77	1.07					
May.....	1.69	.45	3.06	2.56	1.21	1.90					
June.....	2.31	2.12	5.21	1.37	1.06	2.94					
July.....	2.21	4.07	3.71	4.41	3.05	3.32					
August.....	1.23	2.98	3.78	4.05	5.21	1.52					
September.....	2.60	1.99	5.08	4.11	3.32	4.98					
October.....	2.80	2.52	2.93	5.78	4.86	3.71					
November.....	1.65	2.98	4.78	2.41	3.72	4.31					
December.....	2.34	3.70	4.23	2.66	2.49	2.36					
TOTALS	23.20	33.24	44.54	36.63	33.61	34.01					

1870 from grass & fully exposed
1876 NR

RAINFALL AT *Garrison Tower*

25 inches
70

Lat.....

Lon.....

County of.....

Lamar

Rain Gauge, by.....

Observer.....

J. Mackenzie. E.

Clyde, R. bank - 4.

Diameter.....						5					
Height.....						61	9				
Altitude.....					150	120					
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					1.15	4.00	1.97			1.24	
February.....		#	2.10		1.90	1.40	2.40			.13	
March.....			2.10		1.90	1.40	5.04			.25	
April.....			1.20		1.93	1.20	1.80			.20	
May.....			2.90		1.70	1.40	1.20			.46	
June.....			4.30		.91	2.25	2.70			1.50	
July.....			4.60		3.80	3.40	2.02			2.56	
August.....			3.90		5.60	1.90	3.79			3.24	
September.....			3.20		5.72	4.73	2.10			2.62	
October.....			1.70		5.30	5.22	4.00			1.80	
November.....			4.20		3.43	3.61	1.80			1.67	
December.....			3.10		2.40	3.38	4.80			2.78	
TOTALS.....					35.74	33.89	33.62			18.45	

1877 NR
1879 Not printed amount much too small

RAINFALL AT Dabzell House

15th Nov 1870
70

Lat. _____ Lon. _____ County of Lanark
Rain Gauge, by _____ Observer J. G. Hamilton Esq.

Clyde, R. bank - Lt.

Diameter.					6						
Height.					4.7						
Altitude.					87						
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January					2.97	4.03	1.89	6.54	4.62		
February .....					.69	.85	3.51	3.09	1.32		
March					1.84	1.91	5.25	1.70	.99		
April					1.47	.87	1.27	2.79	1.87		
May					1.12	.97	.56	1.53	2.55		
June .....					.73	1.94	2.82	1.74	1.21		
July					3.21	1.73	1.63	2.98	.24		
August					4.28	1.78	3.79	5.72	3.28		
September					3.24	3.31	1.99	1.57	3.59		
October					4.50	3.64	4.18	3.36	3.15		
November					2.46	3.31	2.36	4.52	1.53		
December					1.30	2.91	3.77	3.13	1.26		
TOTALS					27.81	27.25	33.02	38.67	25.61		

South Dabzell Church 1/2 mile N.
boothouse 18ft high 27ft N.

RAINFALL AT *Hamilton Bothwell Castle*

Lat.....

Lon.....

County of *Lancashire*

Rain Gauge, by.....

Observer *W. A. Lambill**Clyde, R. bank - 4 -*

Diameter	<i>10</i>	.							<i>10</i>	.	
Height	<i>18</i>	.								.	
Altitude	<i>146</i>	.			<i>146</i>					<i>164</i>	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>2.71</i>	<i>2.00</i>	<i>4.09</i>	<i>4.34</i>	<i>2.70</i>	<i>4.29</i>	<i>1.71</i>	<i>6.92</i>	<i>3.42</i>	<i>1.30</i>	<i>3.368</i>
February.....	<i>2.21</i>	<i>2.25</i>	<i>2.85</i>	<i>.67</i>	<i>.90</i>	<i>1.17</i>	<i>4.11</i>	<i>3.42</i>	<i>.93</i>	<i>1.17</i>	<i>1.968</i>
March.....	<i>- .71</i>	<i>1.99</i>	<i>1.68</i>	<i>2.05</i>	<i>1.82</i>	<i>1.39</i>	<i>3.58</i>	<i>1.60</i>	<i>.94</i>	<i>2.96</i>	<i>1.872</i>
April.....	<i>.83</i>	<i>2.60</i>	<i>.68</i>	<i>.36</i>	<i>1.37</i>	<i>1.05</i>	<i>1.77</i>	<i>2.30</i>	<i>2.37</i>	<i>1.63</i>	<i>1.496</i>
May	<i>1.62</i>	<i>.69</i>	<i>2.42</i>	<i>2.36</i>	<i>2.44</i>	<i>.91</i>	<i>.69</i>	<i>1.41</i>	<i>3.57</i>	<i>1.93</i>	<i>1.804</i>
June.....	<i>1.52</i>	<i>.92</i>	<i>6.86</i>	<i>1.27</i>	<i>2.37</i>	<i>1.95</i>	<i>2.50</i>	<i>2.17</i>	<i>1.48</i>	<i>4.95</i>	<i>2.599</i>
July	<i>2.05</i>	<i>3.64</i>	<i>6.67</i>	<i>4.85</i>	<i>3.14</i>	<i>1.67</i>	<i>2.36</i>	<i>3.33</i>	<i>.50</i>	<i>3.02</i>	<i>3.123</i>
August.....	<i>.97</i>	<i>5.83</i>	<i>3.84</i>	<i>3.94</i>	<i>4.82</i>	<i>2.42</i>	<i>4.26</i>	<i>6.25</i>	<i>2.62</i>	<i>4.69</i>	<i>3.964</i>
September.....	<i>2.21</i>	<i>1.51</i>	<i>6.54</i>	<i>3.75</i>	<i>4.00</i>	<i>3.37</i>	<i>2.48</i>	<i>1.11</i>	<i>3.83</i>	<i>2.42</i>	<i>3.122</i>
October.....	<i>2.57</i>	<i>2.04</i>	<i>2.55</i>	<i>4.78</i>	<i>4.57</i>	<i>4.15</i>	<i>5.08</i>	<i>3.15</i>	<i>3.34</i>	<i>1.78</i>	<i>3.401</i>
November.....	<i>1.83</i>	<i>2.16</i>	<i>4.10</i>	<i>2.00</i>	<i>3.22</i>	<i>3.29</i>	<i>2.85</i>	<i>3.88</i>	<i>1.86</i>	<i>1.15</i>	<i>2.634</i>
December.....	<i>1.76</i>	<i>2.59</i>	<i>4.05</i>	<i>1.97</i>	<i>1.31</i>	<i>2.46</i>	<i>3.45</i>	<i>2.36</i>	<i>2.05</i>	<i>1.65</i>	<i>2.365</i>
TOTALS	<i>21.19</i>	<i>28.22</i>	<i>46.33</i>	<i>32.34</i>	<i>32.66</i>	<i>28.12</i>	<i>34.84</i>	<i>37.90</i>	<i>26.91</i>	<i>28.65</i>	<i>31.716</i>

1871 Aug. 18th 2.81 in fell 2.00 nearly fell in little more than one hour doing much damage the pressure against a wall (the arch in which was too small to carry it off) was so great as to cause the fall of 40 ft of it

1879 Trees 50 ft high 60 ft E.

Bothwell church 1 mile E.

Nyx. Sta. No. 71-656505

NQR: NS (26) 691594

alt. 44m

RAINFALL AT *Hamilton Townhill Tanks*

70
Water Works.

Lat.

Lon.

County of

Lanark

Rain Gauge, by

Observer

*R. Watson**Clyde, L. bank - 5.*

Diameter.	<i>7</i>										
Height.	<i>0.9</i>										
Altitude.	<i>431</i>										
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.	<i>1.50</i>	<i>5.50</i>	<i>5.20</i>	<i>6.60</i>	<i>4.10</i>	<i>6.50</i>	<i>2.70</i>	<i>6.60</i>	<i>3.45</i>	<i>.60</i>	
February.	<i>.70</i>	<i>3.30</i>	<i>3.05</i>	<i>.75</i>	<i>1.00</i>	<i>1.30</i>	<i>4.30</i>	<i>3.55</i>	<i>1.50</i>	<i>1.50</i>	
March.	<i>.90</i>	<i>2.75</i>	<i>2.25</i>	<i>2.30</i>	<i>2.90</i>	<i>1.60</i>	<i>4.40</i>	<i>2.05</i>	<i>1.00</i>	<i>3.50</i>	
April.	<i>1.30</i>	<i>3.20</i>	<i>.80</i>	<i>.40</i>	<i>1.80</i>	<i>1.30</i>	<i>1.70</i>	<i>2.40</i>	<i>2.15</i>	<i>1.45</i>	
May.	<i>3.15</i>	<i>.85</i>	<i>3.20</i>	<i>2.80</i>	<i>1.60</i>	<i>1.20</i>	<i>.50</i>	<i>1.60</i>	<i>3.10</i>	<i>2.10</i>	
June.	<i>1.70</i>	<i>1.40</i>	<i>7.20</i>	<i>1.35</i>	<i>1.10</i>	<i>2.50</i>	<i>2.65</i>	<i>2.65</i>	<i>1.70</i>	<i>5.05</i>	
July.	<i>1.20</i>	<i>4.65</i>	<i>5.70</i>	<i>4.50</i>	<i>2.50</i>	<i>1.50</i>	<i>1.80</i>	<i>3.35</i>	<i>.20</i>	<i>4.30</i>	
August.	<i>.90</i>	<i>7.70</i>	<i>3.50</i>	<i>4.25</i>	<i>4.80</i>	<i>2.50</i>	<i>4.20</i>	<i>6.40</i>	<i>3.80</i>	<i>4.40</i>	
September.	<i>2.80</i>	<i>1.30</i>	<i>7.90</i>	<i>4.50</i>	<i>3.90</i>	<i>3.60</i>	<i>2.50</i>	<i>1.25</i>	<i>4.10</i>	<i>3.40</i>	
October.	<i>3.90</i>	<i>2.00</i>	<i>3.50</i>	<i>6.10</i>	<i>6.50</i>	<i>4.50</i>	<i>5.10</i>	<i>4.05</i>	<i>4.20</i>	<i>1.90</i>	
November.	<i>3.70</i>	<i>3.00</i>	<i>5.35</i>	<i>1.60</i>	<i>3.05</i>	<i>3.40</i>	<i>2.90</i>	<i>4.60</i>	<i>2.15</i>	<i>1.50</i>	
December.	<i>2.85</i>	<i>4.10</i>	<i>4.80</i>	<i>3.10</i>	<i>1.20</i>	<i>3.45</i>	<i>4.50</i>	<i>3.30</i>	<i>1.80</i>	<i>2.25</i>	
TOTALS.	<i>24.60</i>	<i>39.75</i>	<i>52.45</i>	<i>38.25</i>	<i>34.45</i>	<i>33.35</i>	<i>37.25</i>	<i>41.80</i>	<i>29.15</i>	<i>31.95</i>	<i>363.00</i>

RAINFALL AT Hamilton Auchinraith

Lat..... Lon..... County of Edinburgh

Rain Gauge, by..... Observer R. Ker Esq.

Clyde, L. bank - S.

Diameter .....	.8	.10									
Height	4.9										
Altitude	150.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.89	2.65	4.65	4.50	2.84	4.55	1.60	6.65			
February.....	2.05	2.75	2.45	1.15	.60	.90	4.15	3.48			
March .....	.63	1.94	1.74	2.10	2.00	1.37	4.12	1.80			
April.....	.80	3.02	.62	.08	1.40	.86	1.65	2.23			
May	2.18	.70	2.78	2.35	1.90	.83	.50	1.70			
June.....	1.45	1.75	6.68	1.30	1.32	2.20	2.80	1.95			
July	1.67	4.05	6.26	4.35	3.00	1.71	2.01	3.10			
August.....	1.03	6.55	3.50	4.02	5.48	2.25	4.03	6.20			
September.....	2.32	1.43	6.60	4.06	3.30	3.60	2.23				
October.....	2.95	1.97	2.60	4.76	4.90	4.30	4.92				
November.....	1.95	2.40	4.04	1.35	2.90	3.76	2.82				
December.....	1.84	2.73	4.02	2.05	1.38	3.06	5.00				
TOTALS	21.76	32.02	45.94	32.07	31.02	29.39	35.83				

C C C

RAINFALL AT *Cambustang Bushy Hill*

Lat.....

Lon.....

County of *Lancashire*

Rain Gauge, by.....

Observer

*Dr. Harry Mirkhead**Clyde, L. bank - 5.*

Diameter	6							5	6	5	
Height	10							1	10	1	
Altitude	147							146	147	146	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.33	3.30	5.60	5.92	4.13	5.83	2.48	7.64	4.25		
February.....	2.50	3.10	2.90	.86	1.12	1.32	4.42	4.13	1.55		
March.....	.61	2.70	2.00	2.50	2.73	1.59	5.08	2.11	1.38		
April.....	1.09	3.33	.68	.20	2.10	1.22	1.70	2.27	2.30		
May.....	2.74	.82	3.17	2.65	2.70	.93	.57	1.92	3.70		
June.....	1.52	1.55	7.18	1.12	1.45	2.85	3.03	2.36	1.76		
July.....	1.97	4.87	5.28	4.65	2.62	1.31	2.37	3.98	.35		
August.....	1.00	3.65	3.43	4.85	4.96	2.80	4.50	6.53	2.63		
September.....	2.93	2.95	7.47	4.85	3.77	4.15	2.70	1.68	4.79		
October.....	3.29	1.76	2.83	5.38	6.73	4.95	5.81	4.68	3.86		
November.....	1.84	2.37	4.47	1.76	4.40	3.65	3.00	5.77	2.00		
December.....	2.17	4.18	5.15	4.77	1.77	3.90	5.13	3.81	2.00		
TOTALS	24.99	34.58	50.16	39.51	38.48	34.30	40.79	44.88	30.57		

1875 Gauge slightly sheltered by ^{a shrubbery} an object 12 ft high & 11 yds distant 1877 New gauge erroneously entered total by old gauge 46.54 but read at irregular intervals

RAINFALL AT *Cambuslang Bushy Hill*

70

Lat. Lon. County of *Sanark*

Rain Gauge, by Observer

Clyde, L. bank - 5.

Diameter....									.5	.	
Height									1.	.	
Altitude									146	-	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS,
January								7.64	3.83	1.39	
February. ...								4.13	1.47	1.50	
March.....								2.11	1.10	4.05	
April								2.27	2.41	1.86	
May								1.92	3.82	2.23	
June								2.36	1.77	6.33	
July.....								3.98	.55	3.67	
August								6.53	2.72	4.58	
September ..								1.68	4.83	3.21	
October								4.68	3.75	1.97	
November ..								5.77	2.04	1.32	
December ..								3.81	2.00	2.39	
TOTALS ..								46.88	30.29	34.50	

1878 Shrubery on E 11ft high & 36ft distant

Cambuslang church $\frac{1}{2}$ mile S.E.

RAINFALL AT Glasgow Cessnock Park

Lat..... Lon..... County of Lancashire
 Rain Gauge, by..... Observer Robert Mark Esq

Clyde, L. bank - 5.

Diameter	10	.									
Height	4	4	.								
Altitude	29	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.22	3.29	5.15	7.42	3.86	6.70	3.39	8.60	5.34		
February.....	3.19	3.59	2.54	1.57	.92	1.55	5.14	4.84	2.32		
March.....	.67	2.70	2.36	2.19	3.17	1.90	5.84	2.14	2.82		
April.....	1.15	3.60	.77	.17	1.92	1.29	1.90	3.21	2.46		
May	3.00	1.11	3.21	2.74	2.27	1.14	.81	1.98	2.90		
June.....	1.49	2.18	7.07	2.05	.60	2.74	3.09	2.82	2.54		
July	2.11	4.05	5.49	3.16	2.78	1.26	2.76	2.12	.45		
August.....	1.50	2.97	4.02	3.89	4.72	2.62	4.64	7.33	2.89		
September.....	2.79	1.52	8.06	4.40	3.85	5.00	2.64	1.47	4.80		
October.....	3.57	2.27	3.32	6.00	8.29	5.84	6.40	5.90	3.95		
November.....	1.55	2.59	4.53	2.10	4.06	4.43	3.64	7.24	1.73		
December.....	2.18	4.13	6.37	2.65	2.28	5.03	7.04	5.60	2.04	#	
TOTALS	26.42	34.00	52.89	38.34	38.72	39.50	47.29	53.25	34.24		

1870 printed as 26.62 - Slip missing -

RAINFALL AT ^(Glasgow) Uddington Meadow Bank

70

Lat.....

Lon.....

County of...

Edinburgh

Rain Gauge, by.....

Observer

J. Anderson Esq

Clyde, R. bank - 54.

Diameter .....	.5										
Height	15										
Altitude	75										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.10	2.15	3.60								
February.....	2.40	2.13	2.40								
March.....	.90	1.58	1.50								
April.....	1.30	3.00	.50								
May	2.20	.65	4.00								
June.....	1.60	1.10	3.50								
July	1.05	3.85	4.10								
August.....	2.20	5.10	7.60								
September.....	2.50	1.20	7.70								
October.....	3.10	1.89	1.60								
November.....	2.65	2.15	4.20								
December.....	2.30	2.50	4.10								
TOTALS	25.30	27.30	44.80								

RAINFALL AT Baillieston

Lat..... Lon..... County of... *Leith*

Rain Gauge, by..... Observer *W. Peter James*

Clyde, R. bank - 4.

Diameter	<i>6</i>										
Height	<i>3</i>										
Altitude	<i>230</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>5.44</i>	<i>3.77</i>	<i>6.20</i>	<i>7.13</i>							
February.....	<i>2.31</i>	<i>4.63</i>	<i>3.52</i>	<i>1.56</i>							
March.....	<i>1.09</i>	<i>3.26</i>	<i>3.07</i>	<i>3.04</i>							
April.....	<i>1.29</i>	<i>5.52</i>	<i>1.01</i>	<i>.34</i>							
May.....	<i>3.72</i>	<i>1.43</i>	<i>4.41</i>	<i>3.91</i>							
June.....	<i>2.49</i>	<i>3.16</i>	<i>10.75</i>	<i>2.87</i>							
July.....	<i>3.71</i>	<i>5.82</i>	<i>6.30</i>	<i>7.13</i>							
August.....	<i>1.25</i>	<i>4.82</i>	<i>4.86</i>	<i>5.69</i>							
September.....	<i>4.37</i>	<i>2.12</i>	<i>9.96</i>	<i>6.16</i>							
October.....	<i>4.77</i>	<i>3.00</i>	<i>3.03</i>	<i>8.09</i>							
November.....	<i>2.53</i>	<i>3.57</i>	<i>5.64</i>	<i>3.01</i>							
December.....	<i>3.20</i>	<i>4.59</i>	<i>6.63</i>	<i>3.52</i>							
TOTALS	<i>36.17</i>	<i>45.69</i>	<i>65.38</i>	<i>52.45</i>							

C C C 1874 no slip

"I was much struck with the returns given of the yearly
 "rainfall at Baillieston. During the last four years 179 inches
 "have fallen there while at Coatbridge (allowing for the year in which
 "no returns are given) it was only 129 and at Uddingston 104
 "but Uddingston lies lower but Coatbridge is ⁱⁿ precisely similar
 "circumstances and from what I know of Mr Baker there is little
 "chance of any mistake with him these places are so close to each other
 "that the difference if real is very perplexing Even Glasgow is considerably lower though one
 "would expect it to be a good deal higher from the fact that there is less high ground
 "between it and the coast. Baillieston does rise above the valley of the Clyde though
 "not nearly ~~to~~ the height of the Catlin & other hills on the Renfrewshire boundary
 "to the W & W of it so that this fact is not account sufficiently for its superabundant
 "of rain

RAINFALL AT *Coalbridge Woodside House*

Lat.....

Lon..... County of *Lancashire*

Rain Gauge, by..... Observer

Clyde, R. bank - 14.

Diameter		5									
Height		1.1									
Altitude		$\frac{1}{4}$									
		275									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		2.14	4.59								
February		3.73	2.52								
March		2.32	1.50								
April.....		3.80	.68								
May .....		.90	3.21								
June.....		1.33	5.41								
July		5.18	4.30								
August.....		3.83	3.57								
September.....		1.49	4.89								
October.....		2.24	3.16								
November.....		1.68	4.28								
December.....		2.95	4.01								
TOTALS		31.59	42.12								

C C

RAINFALL AT Glasgow Observatory

Lat.....

Lon.....

County of..

Lanark

Rain Gauge, by.....

Observer

Prof. R. Grant J.R.S.

Clyde, Rank-14.

Diameter	5	.									
Height	1	.									
Altitude	184	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.18	3.38	5.95	6.67	4.27	6.67	3.89	6.79	4.45	1.11	4.736
February.....	6.33	4.86	3.09	2.02	1.03	1.74	5.83	4.35	1.95	1.70	3.290
March.....	-.93	3.05	2.61	2.52	3.45	2.13	4.84	2.06	1.60	3.85	2.704
April.....	1.46	4.42	.92	.26	1.88	1.68	2.28	3.14	2.80	1.62	2.046
May.....	3.20	1.12	3.68	3.47	2.50	1.55	.67	.87	3.46	2.61	2.313
June.....	1.84	2.72	9.04	2.54	.90	3.57	3.57	3.19	2.73	5.91	3.601
July.....	2.52	4.51	6.52	5.33	4.03	1.89	2.87	2.89	.58	4.74	3.588
August.....	1.76	3.66	5.19	4.56	4.74	2.98	5.32	6.61	2.67	5.32	4.281
September.....	3.71	1.60	9.80	5.16	4.41	5.45	2.39	1.40	5.22	4.02	4.316
October.....	4.61	3.10	3.69	6.35	8.02	5.86	6.44	5.15	4.18	2.40	4.980
November.....	1.84	3.27	5.11	2.39	4.26	5.19	2.55	6.56	1.63	1.37	3.417
December.....	2.87	4.85	6.00	2.25	2.87	5.58	6.71	4.78	1.89	2.42	4.022
TOTALS	35.25	40.54	61.60	43.52	42.36	44.29	47.36	47.79	33.16	37.07	43.294

Hya Sta. No. 71-6589⁵³₂₄

NGR: NS (26) 568690 565673

alt 55m

RAINFALL AT *Airdrie Hillend House*

Lat..... Lon..... County of *Lancashire*
 Rain Gauge, by..... Observer *W. D. Thomson*

Clyde, R. bank - 4.

Diameter	<i>L</i>										
	<i>10</i>				<i>6</i>						
Height	<i>7</i>				<i>4.8</i>	<i>4.6</i>					
Altitude	<i>620</i>				<i>620</i>						
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>2.52</i>	<i>2.54</i>	<i>4.97</i>	<i>7.55</i>	<i>3.63</i>	<i>6.21</i>	<i>2.08</i>	<i>7.15</i>	<i>3.89</i>	<i>1.36</i>	
February.....	<i>1.55</i>	<i>3.83</i>	<i>2.45</i>	<i>1.60</i>	<i>1.32</i>	<i>1.01</i>	<i>3.86</i>	<i>4.59</i>	<i>1.66</i>	<i>1.36</i>	
March.....	<i>.88</i>	<i>2.22</i>	<i>2.28</i>	<i>2.23</i>	<i>3.04</i>	<i>1.30</i>	<i>5.60</i>	<i>2.15</i>	<i>1.80</i>	<i>2.54</i>	
April.....	<i>1.24</i>	<i>2.12</i>	<i>.34</i>	<i>.17</i>	<i>1.66</i>	<i>1.66</i>	<i>2.18</i>	<i>2.21</i>	<i>2.17</i>	<i>1.91</i>	
May	<i>2.35</i>	<i>- 32</i>	<i>3.10</i>	<i>2.79</i>	<i>1.93</i>	<i>2.30</i>	<i>1.22</i>	<i>2.04</i>	<i>4.19</i>	<i>2.20</i>	
June.....	<i>2.49</i>	<i>.46</i>	<i>6.82</i>	<i>2.08</i>	<i>2.02</i>	<i>3.14</i>	<i>2.42</i>	<i>3.35</i>	<i>2.18</i>	<i>4.88</i>	
July	<i>2.53</i>	<i>4.93</i>	<i>5.29</i>	<i>3.21</i>	<i>4.88</i>	<i>2.32</i>	<i>3.34</i>	<i>4.87</i>	<i>.95</i>	<i>4.80</i>	
August.....	<i>-.79</i>	<i>3.24</i>	<i>3.86</i>	<i>3.96</i>	<i>5.20</i>	<i>3.06</i>	<i>4.74</i>	<i>6.50</i>	<i>3.34</i>	<i>5.88</i>	
September.....	<i>2.66</i>	<i>1.76</i>	<i>2.77</i>	<i>4.48</i>	<i>4.13</i>	<i>4.12</i>	<i>2.70</i>	<i>1.89</i>	<i>5.49</i>	<i>4.04</i>	
October.....	<i>3.31</i>	<i>2.16</i>	<i>3.20</i>	<i>6.10</i>	<i>5.52</i>	<i>4.80</i>	<i>4.48</i>	<i>4.35</i>	<i>3.97</i>	<i>2.64</i>	
November.....	<i>1.89</i>	<i>1.23</i>	<i>4.37</i>	<i>2.14</i>	<i>4.76</i>	<i>4.03</i>	<i>2.68</i>	<i>5.65</i>	<i>1.56</i>	<i>2.04</i>	
December.....	<i>1.92</i>	<i>1.67</i>	<i>6.15</i>	<i>2.69</i>	<i>1.37</i>	<i>2.48</i>	<i>5.20</i>	<i>4.11</i>	<i>1.43</i>	<i>1.95</i>	
TOTALS	<i>24.13</i>	<i>26.53</i>	<i>51.00</i>	<i>39.00</i>	<i>39.46</i>	<i>36.43</i>	<i>40.50</i>	<i>48.86</i>	<i>32.63</i>	<i>35.60</i>	<i>37.41</i>

1872 G considered to be out of order. A new G started January 1st 1873

1878 Trees 30ft high, nearest 30ft distant N.

Photo's church 4 miles S.

1872 + 1873 estimated from Hamilton & Cambuslang, Bushy Hill months distributed by Glasgow & Carnock W.N.

RAINFALL AT Crawford Evan Waterfoot

Lat..... Lon..... County of Lanark.....

Rain Gauge, by..... Observer A. Buckan Esq.....

Clyde, L. bank - 5.

Diameter											
Height											
Altitude											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....											
February.....											
March											
April.....											
May											
June.....											
July											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS		54.10	76.20								

C C

RAINFALL AT *Douglas Castle New Mains*

Lat..... Lon..... County of *Edinburgh*
Rain Gauge, by..... Observer *Mr. J. Napier*

Clyde, L. bank - 5.

Diameter	3											
Height	4											
Altitude	$\frac{4}{\pi}$											
Altitude	783											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.48	4.49	9.23	2.47	4.56	5.06	2.09	9.39	6.34	1.25	5.436	
February.....	5.66	3.27	3.45	1.13	2.59	2.31	3.74	4.79	2.63	2.12	3.169	
March.....	7.08	4.54	2.85	3.37	2.93	1.33	5.86	3.29	2.17	3.99	3.141	
April.....	1.47	3.04	1.11	.59	2.43	1.60	2.02	2.99	2.15	1.37	1.877	
May.....	3.17	.61	3.57	3.45	1.04	1.43	1.30	3.14	3.23	2.50	2.344	
June.....	2.75	3.29	5.27	1.78	1.13	3.56	3.56	2.60	2.09	4.09	3.012	
July.....	1.75	4.99	3.72	5.42	2.04	2.78	3.39	3.12	.78	4.94	3.293	
August.....	2.48	4.29	3.93	5.69	6.06	2.97	5.38	5.65	3.32	4.09	4.296	
September.....	4.09	1.80	8.51	5.70	4.83	5.65	2.05	2.21	5.61	3.56	4.401	
October.....	4.75	4.28	4.78	8.04	7.16	4.74	4.37	5.19	4.26	1.86	4.943	
November.....	2.76	2.11	6.69	2.80	4.36	3.87	1.99	6.67	3.06	1.20	3.551	
December.....	1.78	5.38	7.81	3.81	2.70	4.48	5.00	5.22	2.05	2.65	4.088	
TOTALS	35.22	42.09	60.92	50.25	41.83	38.88	40.75	54.26	37.69	33.62	43.551	

1870 young plantation 24 yards distant
1876 R.G.R. gives 4.64 in as the total for Oct? but
observer states 4.27 to be correct.
1877 Amount for Feb: printed as 4.89 in R.G.R.
1879 trees 45 ft high 30 yds S.W.

Douglas church 1 mile W.

RAINFALL AT *Wiston*

35544 *Lynton*
70

Lat..... Lon..... County of..... *Lanark*

Rain Gauge, by..... Observer *A. Buchan*

clayde, L. bank - 5.

Diameter						3	.	.	.	.
Height .....							.	0.0	.	.	
Altitude				860			.	860	.	.	
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	2.70		6.80	6.60	4.10	4.30	2.10	17.00	6.00	1.60	
February.....	3.0		3.50	1.70	2.30	2.10	4.10	5.10	2.20	1.50	
March.....	.60		3.00	2.50	3.00	2.20	4.40	2.50	1.70	4.20	
April.....	1.10		1.90	2.00	3.20	1.20	2.30	3.10	1.50	1.40	
May	3.20		3.20	3.00	2.20	2.30	1.00	2.90	3.40	2.60	
June.....	2.20		4.40	2.00	1.40	4.10	3.60	3.20	2.80	4.10	
July	2.30		3.70	4.60	2.90	2.65	2.10	4.30	.80	4.30	
August.....	2.20		4.20	5.00	6.40	2.40	4.30	5.90	5.90	6.00	
September.....	2.50		6.70	7.20	3.70	7.30	2.10	3.80	5.20	4.30	
October.....	3.80		4.30	7.00	5.90	5.20	3.80	4.60	4.60	5.50	
November.....	1.20		7.40	1.70	4.50	4.00	2.80	6.20	2.10	.80	
December.....	2.00		6.40	4.20	1.20	4.20	6.30	4.90	2.00	6.30	
TOTALS	26.80		54.90	47.50	40.80	41.95	38.90	63.50	38.20	42.60	

1874 marked R1 in annual

1879 Hedge 4ft high 12ft W

1880 October about 4in too much, probably the
Wiston church $\frac{3}{4}$ mile S.E. [gauge was not-
emptied at the end of Sept? and 5.50 is the
total for the two months.

RAINFALL AT Androssam

Lat..... Lon..... County of... Arg.

Rain Gauge, by..... Observer A. Buchanan Esq

Firth of Clyde - 2.

The Met. Committee

Diameter		8									
Height		1.0									
Altitude								10			
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		3.55						8.01	5.61	1.81	
February		5.09						4.62	2.56	2.04	
March		3.13						2.83	1.50	3.31	
April.....		4.61						3.66	3.42	1.34	
May .....		.93						2.34	3.08	2.84	
June.....		2.53						4.05	2.69	5.90	
July		3.35						3.62	.74	4.37	
August.....		3.55						8.15	3.19	5.02	
September.....		2.05						1.76	3.63	4.97	
October.....		3.64						6.27	6.49	2.15	
November.....		4.46						6.73	1.45	1.48	
December.....		3.71						6.64	1.86	2.36	
TOTALS		40.60	53.09					58.68	36.22	37.59	

C C

RAINFALL AT *Ardrossan Kirkhall*

Lat. _____ Lon. _____ County of *Ayr*
 _____ Rain Gauge, by _____ Observer *H. G. Weir, Esq.*

Foot of Clyde - 2.

Diameter.							8				
Height.							3. -				
Altitude.							105π				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.							2.17	5.88	4.19	1.93	
February.							4.02	4.36	1.74	1.41	
March.							4.24	2.12	1.76	2.32	
April.							2.02	3.28	3.39	1.60	
May. ....							.98	1.47	2.93	2.79	
June.							3.10	4.26	2.50	4.79	
July.							2.76	2.82	.68	4.86	
August.							4.53	6.57	3.51	5.13	
September.							3.48	1.64	3.13	4.33	
October.							6.61	5.09	6.18	1.86	
November.							2.83	5.30	1.20	1.12	
December.							5.88	5.48	1.45	1.26	
TOTALS.							42.62	48.27	32.66	33.40	

Ardrossan Church 1 mile S by W.

RAINFALL AT *Largs Mansfield*

Lat.....

Lon.....

County of.....

Ayr

Rain Gauge, by.....

Observer.....

*J. Campbell**Firth of Clyde - 2.*

Diameter .....	.10	.									
Height .....	.6	.									
Altitude	30	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	⁺ 5.80	3.30	8.00	7.10	5.30	10.80	3.30				
February.....	4.90	⁺ 7.50	6.00	1.10	1.40	2.10	4.50				
March.....	-1.00	4.50	4.10	2.00	1.20	1.80	5.30				
April.....	1.90	3.30	1.40	.30	2.70	2.00	2.10				
May	5.00	-70	2.80	2.60	1.80	2.90	1.10				
June.....	1.90	1.90	7.50	2.30	1.00	3.40	3.50				
July	2.60	3.40	4.50	6.10	2.60	2.10	3.40				
August.....	2.30	3.40	3.40	5.20	5.00	4.90	5.30				
September.....	3.90	2.60	7.90	5.00	5.10	8.90	3.50				
October.....	5.60	3.00	4.50	5.90	8.30	7.60	5.50				
November.....	2.80	4.00	8.00	4.00	5.60	5.50					
December.....	3.10	4.40	7.20	3.00	2.50	4.50					
TOTALS	40.80	42.80	65.30	44.60	42.50	56.50					

1876 return incomplete owing to the illness of the gardener

RAINFALL AT *Shelmorlie Morland*

Lat.....

Lon.....

County of.....

Ayr

Rain Gauge, by.....

Observer

A. Buchanan Esq.

5th of Clyde - 2.

Diameter	—	.									
Height	—	.									
Altitude	<i>100</i>	.									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>5.50</i>	<i>4.50</i>	<i>9.60</i>	<i>9.10</i>	<i>4.50</i>						
February.....	<i>6.80</i>	<i>7.70</i>	<i>5.30</i>	<i>1.10</i>	<i>2.00</i>						
March	<i>7.80</i>	<i>4.70</i>	<i>5.20</i>	<i>2.50</i>	<i>6.50</i>						
April.....	<i>2.50</i>	<i>5.20</i>	<i>2.50</i>	<i>1.00</i>	<i>2.80</i>						
May	<i>5.60</i>	<i>1.10</i>	<i>3.00</i>	<i>2.20</i>	<i>2.00</i>						
June.....	<i>2.50</i>	<i>2.30</i>	<i>8.90</i>	<i>3.30</i>	<i>1.20</i>						
July	<i>2.60</i>	<i>4.10</i>	<i>5.20</i>	<i>5.50</i>	<i>2.70</i>						
August.....	<i>2.10</i>	<i>3.50</i>	<i>5.10</i>	<i>6.30</i>	<i>5.20</i>						
September.....	<i>4.60</i>	<i>2.80</i>	<i>10.00</i>	<i>6.50</i>	<i>5.50</i>						
October.....	<i>6.80</i>	<i>5.60</i>	<i>5.10</i>	<i>8.60</i>	<i>10.60</i>						
November.....	<i>2.40</i>	<i>4.20</i>	<i>8.10</i>	<i>6.50</i>	<i>6.50</i>						
December.....	<i>5.60</i>	<i>7.00</i>	<i>7.20</i>	<i>4.50</i>	<i>2.20</i>						
TOTALS	<i>48.80</i>	<i>52.70</i>	<i>75.20</i>	<i>57.10</i>	<i>51.70</i>						

1875 no slip.

RAINFALL AT *Lymington* *Dankeith*

Lat..... Lon..... County of *Arg.*

F. Lock Rain Gauge, by..... Observer *Miss Armstrong*

Irvine & Co - 3.

Diameter.....											
Height											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....				6.30	3.70						
February.....					.75						
March.....				2.60	3.00						
April.....				.05	.75						
May				2.70							
June.....				1.50							
July				5.80							
August.....				5.30							
September....				5.80							
October.....			3.50	6.80							
November.....			4.85	2.70							
December.....			4.60	2.20							
TOTALS				41.75							

Gauge moved to Old Ballikinrain Stirling.

RAINFALL AT *Kilmarnock Annamhill*Lat..... Lon..... County of *Ayr*Rain Gauge, by..... Observer *A. Brichen Esq**Ironie to - 3.*

Diameter		10			10							
Height		4.0			10							
Altitude		175.0			165							
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....		2.90	6.04	5.41	3.60	5.06	1.70	5.48	4.95	1.66		
February		4.70	2.24	.62	1.06	1.32	3.96	4.42	2.40	1.52		
March		3.30	1.82	2.08	3.32	1.41	5.12	2.51	1.84	2.86		
April.....		3.50	.41	.20	1.29	.92	1.10	2.77	2.50	.91		
May .....		.44	2.50	2.32	2.17	1.43	.72	2.14	2.26	2.35		
June.....		1.66	5.98	1.70	1.46	3.20	3.60	3.76	2.50	4.00		
July		3.55	3.36	5.81	2.68	2.15	3.24	4.09	1.64	3.90		
August.....		4.07	4.34	5.12	5.55	3.37	4.82	5.52	3.19	4.62		
September.....		1.65	8.36	5.86	5.41	5.66	2.56	1.81	4.94	5.54		
October.....		1.81	3.02	6.08	6.18	3.72	6.70	5.04	5.34	2.26		
November.....		2.53	4.74	2.22	4.14	3.96	2.60	5.81	1.73	1.28		
December.....		3.22	5.06	2.18	1.84	2.50	6.14	5.45	1.97	2.06		
TOTALS		33.33	47.87	39.60	38.70	34.70	42.26	48.80	35.26	32.96		

RAINFALL AT *Kilmarnock North Craig*

Lat.....

Lon.....

County of *Ayr*

Rain Gauge, by.....

Observer *J. M. Gale Esq. C.E.**Irvine &c - 3.*

Diameter	/	.	.									
Height	3	.6	.									
Altitude	330.	.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.33	3.09	7.07	6.60	4.32	5.16	1.67	5.95	4.96	1.36	4.35	1
February.....	2.34	5.00	3.27	.65	1.26	1.11	4.40	4.71	2.35	1.24	2.63	3
March.....	1.39	2.89	2.16	2.11	3.66	1.81	4.29	2.38	1.91	3.18	2.54	8
April.....	1.32	3.79	1.00	.36	1.67	1.18	1.25	2.73	2.85	1.05	1.42	0
May.....	3.50	.68	2.72	2.43	1.96	1.72	.64	1.63	2.45	2.55	2.02	8
June.....	2.48	1.81	6.39	1.75	1.17	2.85	2.93	3.60	2.20	4.57	2.94	5
July.....	3.10	4.31	3.81	5.93	2.84	2.00	3.31	3.93	1.00	3.92	3.41	5
August.....	2.35	4.10	4.09	5.33	5.20	3.72	4.54	5.41	3.71	5.01	4.34	0
September.....	4.16	1.81	6.85	4.38	5.03	5.79	2.52	2.01	5.35	5.75	4.36	5
October.....	5.09	2.43	3.74	7.84	5.75	4.29	6.94	5.08	5.44	2.99	4.95	9
November.....	1.94	3.01	5.26	3.28	4.26	4.19	2.77	6.69	1.17	1.27	3.38	4
December.....	2.22	4.11	5.16	2.47	1.71	2.54	6.15	5.62	1.80	2.34	3.41	2
TOTALS	33.22	37.03	51.46	43.13	38.83	36.36	41.41	49.74	35.19	35.23	40.16	0

RAINFALL AT Dalry Carsehead

Lat.

Lon.

County of Ayr

Rain Gauge, by

Observer A. B. Aitken

Income £ - 3.

Diameter....					6						
Height					1.2						
Altitude					120				160		
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January					4.66	8.50	2.36	7.20	5.34	1.75	
February....					1.35	1.22	6.30	6.66	3.03	3.58	
March					4.49	2.33	6.51	3.41	2.52	4.88	
April					2.09	1.86	1.91	3.46	3.38	1.50	
May					2.27	2.47	.89	1.83	3.41	3.36	
June					1.38	3.44	3.51	4.97	3.51	6.15	
July					2.29	2.04	2.92	4.86	1.36	5.51	
August					5.30	5.28	6.51	8.16	3.55	4.87	
September ..					5.81	5.35	3.63	2.18	5.27	7.55	
October					8.61	5.82	8.09	6.77	7.64	3.21	
November ..					5.79	5.96	3.60	7.28	1.62	1.74	
December ..					2.58	2.81	5.79	7.14	1.68	2.71	
TOTALS ..					46.62	47.08	52.02	63.92	42.31	46.81	

1878 A wall about 6ft high 6 or 8ft distant E

Dalry church 1 mile S.W.

RAINFALL AT Old Cummock

Lat.....

Lon.....

County of..

AyrFlash

Rain Gauge, by.....

Observer

John Ballantine EsqAyr - 4.

Diameter	6		5								
Height	1	3									
Altitude	380										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.20	3.00	7.52	6.36	4.46	3.99	2.10	9.17	5.14		(4.635)
February.....	3.70	3.70	3.33	6.9	1.77	1.48	(4.39)	4.90	2.32		(2.856)
March.....	1.55	2.93	2.14	3.10	4.09	1.51	6.20	2.51	1.99		(2.931)
April.....	7.50	2.85	9.8	3.5	2.04	1.49	1.50	2.45	2.38		(1.663)
May.....	3.65	.82	3.53	2.56	1.34	2.80	.97	2.99	2.66		(2.396)
June.....	1.70	3.10	5.85	1.17	1.19	3.24	3.54	3.12	1.58		(2.923)
July.....	1.85	3.55	3.18	4.69	3.67	2.41	2.90	3.71	1.01		(3.103)
August.....	2.20	4.08	3.20	5.40	5.52	2.83	4.40	5.70	2.83		(4.135)
September.....	3.50	1.60	7.49	5.47	4.18	5.28	2.77	2.56	6.13		(4.493)
October.....	5.80	2.32	3.87	7.75	7.52	5.41	5.11	4.75	5.97		(5.160)
November.....	2.40	2.00	5.43	2.34	5.59	4.75	2.48	6.41	2.02		(3.473)
December.....	2.20	5.25	6.81	3.28	2.52	3.56	5.04	5.87	1.85		(3.881)
TOTALS	33.25	35.20	53.33	43.16	43.89	38.75	(41.40)	54.14	35.88	(35.23)	(41.649)

(41.423)

1871 June 18th 0.90 fell in 45 minutes - 6.5 to 6.50 PM

1872 A bottle gauge used and the old float gauge used only as a check upon the other.

1876 Feb amount computed

1879 Record destroyed = Kilmarnock, N. Craig

RAINFALL AT *Ayr Holmston*

Lat..... Lon..... County of.....

.....Rain Gauge, by..... Observer.....

Ayr-4.

Diameter.....	5										
Height.....	1										
Altitude.....	60?										
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	3.75	3.56	7.27	6.29	4.35						
February.....	2.58	4.08	2.45	.54	1.36						
March.....	1.54	3.21	2.94	2.66	2.45						
April.....	1.59	3.22	.78	.30	1.57						
May.....	3.37	.80	4.72	2.82	1.56						
June.....	2.28	2.13	5.71	1.90	.34						
July.....	1.82	3.80	2.96	4.21	2.39						
August.....	2.07	6.00	3.36	4.72	4.91						
September.....	3.76	2.31	6.96	6.10	3.84						
October.....	4.31	2.32	4.01	5.22	7.43						
November.....	1.69	3.65	4.31	2.43	4.53						
December.....	1.69	4.84	6.22	2.79	2.20						
TOTALS.....	30.45	38.92	51.69	39.98	36.93						

Gauge placed in an open field G. moved to Auchinlee
Ayr 1 1/2 mls WNW.

50/Jan 70

RAINFALL AT Auckinlee Miller Road

Lat..... Lon..... County of Ayr

Rain Gauge, by..... Observer... J. Drennan Esq

Ayr-4.

Diameter.....											
Height						4	.	.	.		
Altitude.....						36	.	.	.		
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						3.40	2.18	8.07	5.50	1.32	
February.....						2.60	3.78	4.21	2.07	1.85	
March.....						1.39	5.92	2.06	1.85	3.25	
April.....						1.21	.97	2.93	1.85	1.08	
May						1.43	.78	2.27	1.62	2.24	
June.....						2.41	3.42	3.09	1.61	3.62	
July						2.25	3.50	3.96	.95	3.86	
August.....						2.00	3.58	5.48	2.67	4.72	
September.....						5.65	2.40	2.52	4.20	4.32	
October.....						4.87	6.18	4.50	4.67	1.96	
November.....						4.05	2.25	5.96	1.96	1.32	
December.....					#2.20	3.25	5.53	5.07	1.97	2.21	
TOTALS.....						34.51	40.49	50.12	30.92	31.75	

1874 Gauge moved from Holmeston in Dec

RAINFALL AT Muirkirk Ironstone House

Lat.....

Lon.....

County of... *Argy.*

Rain Gauge, by.....

Observer

J. Wilson Esq

Argy - 4.

Diameter .....	.5										
Height	/										
Altitude	735.			745	745						
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	4.62	3.35	7.52	7.62	5.76	5.30	1.72				
February.....	4.05	4.98	4.54	1.05	2.92	1.78	4.90				
March.....	7.42	3.53	2.58	3.70	4.85	1.55	5.79				
April.....	2.02	2.91	1.55	.32	2.86	2.24	3.88				
May.....	4.21	1.41	3.80	2.99	1.57	2.98	1.41				
June.....	2.21	2.80	7.58	2.87	1.72	4.15	3.35				
July.....	2.31	5.15	4.39	5.25	4.56	2.92	3.60				
August.....	2.36	4.45	5.07	7.64	6.72	2.56	4.79				
September.....	3.38	2.02	10.51	7.52	5.25	5.18	2.77				
October.....	6.28	3.44	4.47	9.12	7.73	4.85	4.44				
November.....	2.69	2.19	7.51	3.86	4.91	5.14	3.26				
December.....	3.69	4.05	8.16	4.62	2.64	2.51	6.26				
TOTALS	39.24	40.28	67.68	56.56	51.49	41.16	46.17				

1873 The f. has been changed from one part of garden to another for greater convenience but is not otherwise affected in the slightest

~~I was much struck with~~

1877 NR

RAINFALL AT *Palma Hole House*

Lat.....

Lon.....

County of.....

Asa

Rain Gauge, by.....

Observer

*Peter Murdoch**Don - 5.*

Diameter .....	. 5	.									
Height	/	.									
Altitude	π 441	.		π 446							
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	π 3.70	3.22	8.54	6.07	4.83	4.60	2.46				
February.....	4.00	4.23	3.49	.82	2.28	1.44	4.40				
March.....	7.42	3.51	2.24	2.87	3.66	1.45	5.77				
April.....	1.92	2.87	.99	.26	1.58	1.69	1.37				
May.....	3.73	.85	3.28	2.30	1.43	2.44	.72				
June.....	2.59	2.36	5.79	1.64	1.71	2.64	3.86				
July.....	2.12	3.40	3.60	4.98	3.10	2.14	3.52				
August.....	2.20	5.32	4.21	5.47	5.08	2.83	3.59				
September.....	4.00	2.45	8.17	6.08	4.59	4.94	2.30				
October.....	π 5.85	2.43	4.56	6.76	7.64	4.39	5.57				
November.....	2.43	2.69	5.75	2.66	5.77	4.82	2.78				
December.....	2.03	5.48	5.08	2.95	2.79	3.21	(6.92) π				
TOTALS	35.99	38.81	55.70	42.86	44.46	36.59	43.26				

*1870 Well exposed a field and sunnigh carefully taken**1876 Dec^r amount computed*

RAINFALL AT *Ayr Auckemdrane House*

Lat..... Lon..... County of... *Ayr*

Rain Gauge, by..... Observer *E Colheart Esq*

Don - 5.

Diameter	<i>.8</i>										
Height	<i>2.3</i>										
Altitude	<i>96</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>3.54</i>	<i>3.99</i>	<i>7.26</i>	<i>6.92</i>	<i>5.40</i>						
February.....	<i>2.45</i>	<i>4.53</i>	<i>3.01</i>	<i>.60</i>	<i>1.55</i>						
March.....	<i>7.43</i>	<i>4.04</i>	<i>2.50</i>	<i>2.67</i>	<i>3.87</i>						
April.....	<i>2.11</i>	<i>3.34</i>	<i>1.07</i>	<i>.45</i>	<i>1.87</i>						
May	<i>4.15</i>	<i>.85</i>	<i>3.10</i>	<i>2.51</i>	<i>1.37</i>						
June.....	<i>2.40</i>	<i>2.13</i>	<i>5.29</i>	<i>2.08</i>	<i>.64</i>						
July	<i>2.02</i>	<i>3.55</i>	<i>3.04</i>	<i>4.03</i>	<i>2.82</i>						
August.....	<i>2.06</i>	<i>5.15</i>	<i>4.19</i>	<i>4.82</i>	<i>5.28</i>						
September.....	<i>3.87</i>	<i>2.08</i>	<i>9.20</i>	<i>3.52</i>	<i>4.41</i>						
October.....	<i>4.99</i>	<i>2.65</i>	<i>4.48</i>	<i>9.93</i>	<i>8.21</i>						
November.....	<i>2.15</i>	<i>2.80</i>	<i>5.48</i>	<i>3.68</i>	<i>5.37</i>						
December.....	<i>2.05</i>	<i>5.06</i>	<i>4.61</i>	<i>3.55</i>	<i>2.70</i>	<i>#</i>					
TOTALS	<i>33.22</i>	<i>40.17</i>	<i>53.23</i>	<i>44.76</i>	<i>43.49</i>						

C C C
1875 no slip

RAINFALL AT *Ayr Auchendrane*

Lat.....

Lon.....

County of *Ayr*

P.H. Rain Gauge, by.....

Observer *E. Cathcart Esq.*

Don - 5.

Diameter	5											
Height	0 0											
	π											
Altitude	94											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.11	4.08										
February.....	2.54	4.62										
March	7.47	4.17										
April.....	2.19	3.38										
May	4.27	.86										
June.....	2.46	2.18										
July	2.06	3.65										
August.....	2.06	5.19										
September.....	4.01	2.09										
October.....	⁺ 5.20	2.70										
November.....	2.15	2.90										
December.....	2.11	5.14										
TOTALS	33.63	40.96										

1870 $\frac{1}{2}$ in a square brick pit 23 in across and letting the top of the funnel be level with the surrounding surface & protected by a slight wire netting about 1 yard distant from the outside of the pit

RAINFALL AT *Girvan Turnberry*

Lat..... Lon..... County of *Ayr*
..... Rain Gauge, by..... Observer.....

Calzean Bay - 6.

Diameter.....											
Height											
Altitude.....											
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					3.98	4.07	2.56	10.14	5.51	.96	
February.....					1.32	1.11	4.80	3.53	3.59	3.86	
March.....					3.09	1.30	6.40	2.40	2.36	2.72	
April.....					1.98	1.45	2.40	3.65	1.58	1.77	
May .....					.90	1.82	.39	3.14	2.31	3.11	
June.....					.32	2.33	3.59	6.74	3.32	4.60	
July					2.45	2.56	3.92	7.18	1.03	5.50	
August.....					5.50	4.94	3.21	4.92	3.20	5.72	
September.....					#2.35	4.16	6.08	3.69	2.81	4.68	7.06
October.....					7.48	5.61	5.64	8.45	6.64	5.59	3.03
November.....					2.11	4.76	4.45	3.07	9.15	1.96	2.02
December.....					.87	1.79	2.98	6.39	5.99	1.35	1.47
TOTALS					35.84	38.73	48.87	66.29	36.48	41.82	

RAINFALL AT *Glen donne*

70

Lat. Lon. County of *Ayr*
Rain Gauge, by Observer *G. R. Young*

Sivan - 7.

Diameter....							5				
Height							1.				
Altitude						131	136				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS..
January							2.92	10.58	6.09		
February....							3.35	5.93	2.73		
March.....							8.30	2.65	1.86		
April							1.58	2.90	1.69		
May .....							.95	—	2.23		
June							3.70	—	3.05		
July.....							2.88	3.75	.64		
August							4.68	4.98	2.12		
September ..							3.35	1.92	5.29		
October						# 5.30	7.92	6.90	7.13		
November ..							2.82	8.92	2.80		
December ..						2.45	6.42	8.73	1.82	#	
TOTALS ..							48.87	57.46	37.45		

RAINFALL AT *Girvan*

Lat..... Lon..... County of *Arg.*
..... Rain Gauge, by..... Observer... *A B*

Girvan - 7.

Diameter.....											
Height.....											
Altitude.....				33							
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		3.50	13.30	7.30	5.20						
February.....		7.00	7.70	1.30	2.10						
March.....			4.60	3.00	3.90						
April.....		5.00	(1.23)	.25	1.50						
May.....			2.70	2.50	1.00						
June.....		.27	5.20	1.50	1.50						
July.....			3.20	4.70	2.40						
August.....		3.35	3.60	6.30	5.50						
September.....		3.50	7.50	7.90							
October.....		3.80	4.50	7.90							
November.....		4.10	6.60	3.30							
December.....		8.20	6.60	6.30							
TOTALS.....			(66.73)	52.25							

C C

1874 An anonymous return gives Feb 3.50 March 4.00
July 2.50 & Aug 5.50

Apr. 72 = Pinnerore

RAINFALL AT *Ballantrae Glendronach*

70

Lat. Lon. County of *Ayr*

Rain Gauge, by Observer *P. Murdock Esq.*

Stincharte - 8.

Diameter.												
Height.												
Altitude.												
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.										2.14		
February.										1.32		
March.										2.74		
April.										2.03		
May.										2.26		
June.										3.85		
July.										4.52		
August.										6.64		
September.										7.21		
October.										2.40		
November.										1.10		
December.										1.98		
TOTALS.										38.19		

1879 Trees 20ft high & 60ft N.E.

Ballantrae 6½ miles N.

RAINFALL AT *Girvan Aumont*

70

Lat.

Lon.

County of *Ayr*

Rain Gauge, by

Observer *R Aitken*

Stimbas TC - 8.

Diameter.							5				
Height.							9				
Altitude.							150				
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.								11.20	6.23	3.15	
February.							# 6.00	4.35	2.90	3.70	
March.							4.30	3.55	2.05	2.55	
April.							1.80	3.40	2.45	1.58	
May. ....							.70	2.90	3.19	3.00	
June.							3.90	4.60	3.00	4.40	
July.							2.70	4.55	1.00	6.10	
August.							5.60	4.73	2.88	6.05	
September.							3.20	2.30	5.90	7.55	
October.							8.40	7.30	8.15	3.53	
November.							2.95	8.95	2.50	1.35	
December.							8.10	7.73	1.25	3.45	
TOTALS								65.56	41.50	46.44	

RAINFALL AT *Girvan Pinnore*

Lat..... Lon..... County of *Ayr*

Rain Gauge, by..... Observer *Capt. H. Hamilton*

Stiches 1C-8.

Diameter.....	<i>5</i>										
Height.....	<i>1</i>										
Altitude.....	<i>187</i>										
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>4.15</i>	<i>4.36</i>	<i>9.55</i>	<i>7.97</i>	<i>6.22</i>	<i>8.70</i>	<i>2.52</i>	<i>10.76</i>	<i>6.51</i>	<i>2.17</i>	<i>6.291</i>
February.....	<i>5.14</i>	<i>7.14</i>	<i>7.51</i>	<i>.86</i>	<i>2.26</i>	<i>1.50</i>	<i>5.53</i>	<i>4.79</i>	<i>2.85</i>	<i>3.93</i>	<i>4.151</i>
March.....	<i>2.06</i>	<i>4.14</i>	<i>4.16</i>	<i>3.18</i>	<i>3.79</i>	<i>1.90</i>	<i>5.06</i>	<i>3.72</i>	<i>2.45</i>	<i>2.66</i>	<i>3.312</i>
April.....	<i>2.29</i>	<i>2.97</i>	<i>1.23</i>	<i>.23</i>	<i>2.71</i>	<i>1.60</i>	<i>1.76</i>	<i>3.16</i>	<i>2.54</i>	<i>1.66</i>	<i>2.015</i>
May.....	<i>3.30</i>	<i>7.02</i>	<i>2.13</i>	<i>3.10</i>	<i>1.03</i>	<i>3.80</i>	<i>.81</i>	<i>3.05</i>	<i>3.25</i>	<i>3.86</i>	<i>2.535</i>
June.....	<i>2.88</i>	<i>2.57</i>	<i>5.64</i>	<i>1.62</i>	<i>.72</i>	<i>3.57</i>	<i>3.25</i>	<i>4.71</i>	<i>3.16</i>	<i>4.86</i>	<i>3.298</i>
July.....	<i>7.01</i>	<i>2.84</i>	<i>4.19</i>	<i>4.26</i>	<i>3.11</i>	<i>2.16</i>	<i>3.16</i>	<i>4.94</i>	<i>1.01</i>	<i>5.75</i>	<i>3.323</i>
August.....	<i>2.06</i>	<i>4.45</i>	<i>3.91</i>	<i>5.67</i>	<i>5.48</i>	<i>3.19</i>	<i>5.95</i>	<i>5.08</i>	<i>3.06</i>	<i>6.66</i>	<i>4.551</i>
September.....	<i>3.70</i>	<i>2.52</i>	<i>6.24</i>	<i>2.93</i>	<i>5.88</i>	<i>7.95</i>	<i>3.03</i>	<i>2.36</i>	<i>7.04</i>	<i>7.26</i>	<i>4.891</i>
October.....	<i>7.29</i>	<i>4.03</i>	<i>5.33</i>	<i>7.98</i>	<i>9.34</i>	<i>4.83</i>	<i>8.29</i>	<i>7.59</i>	<i>8.11</i>	<i>4.00</i>	<i>7.179</i>
November.....	<i>3.28</i>	<i>6.03</i>	<i>6.93</i>	<i>4.33</i>	<i>6.85</i>	<i>4.99</i>	<i>2.59</i>	<i>9.82</i>	<i>2.46</i>	<i>1.47</i>	<i>4.875</i>
December.....	<i>2.85</i>	<i>5.76</i>	<i>8.15</i>	<i>3.11</i>	<i>4.65</i>	<i>4.04</i>	<i>7.97</i>	<i>7.68</i>	<i>1.94</i>	<i>3.33</i>	<i>4.948</i>
TOTALS.....	<i>45.81</i>	<i>47.83</i>	<i>64.97</i>	<i>43.24</i>	<i>52.04</i>	<i>48.23</i>	<i>49.92</i>	<i>67.66</i>	<i>44.38</i>	<i>47.61</i>	<i>51.369</i>

1878 a hedge 6 ft high 25 ft distant

79 yew " 7 " " 15 " E

Colmonell 5 miles S.W.

RAINFALL AT *New Cummock Whitehills*

Lat..... Lon..... County of *Adams*
Rain Gauge, by..... Observer *Wm Linnert Esq.*

with -13.

Diameter	<i>.5</i>										
Height	<i>1</i>										
Altitude	<i>860</i>										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>5.07</i>	<i>3.54</i>	<i>12.08</i>	<i>9.50</i>	<i>6.94</i>	<i>6.35</i>	<i>1.92</i>	<i>10.33</i>	<i>5.14</i>		
February.....	<i>6.73</i>	<i>4.90</i>	<i>6.10</i>	<i>.93</i>	<i>2.67</i>	<i>1.47</i>	<i>3.86</i>	<i>5.07</i>	<i>2.32</i>		
March.....	<i>1.93</i>	<i>4.85</i>	<i>3.33</i>	<i>4.20</i>	<i>4.51</i>	<i>2.12</i>	<i>4.69</i>	<i>2.30</i>	<i>1.99</i>		
April.....	<i>7.64</i>	<i>2.51</i>	<i>1.17</i>	<i>.48</i>	<i>2.54</i>	<i>1.56</i>	<i>2.30</i>	<i>2.85</i>	<i>2.38</i>		
May	<i>4.82</i>	<i>.95</i>	<i>3.61</i>	<i>2.07</i>	<i>1.26</i>	<i>2.88</i>	<i>1.03</i>	<i>4.10</i>	<i>2.66</i>		
June.....	<i>1.88</i>	<i>2.41</i>	<i>5.65</i>	<i>1.31</i>	<i>1.85</i>	<i>4.17</i>	<i>3.21</i>	<i>4.03</i>	<i>1.58</i>		
July	<i>1.65</i>	<i>4.28</i>	<i>3.20</i>	<i>4.43</i>	<i>3.36</i>	<i>2.17</i>	<i>2.44</i>	<i>4.42</i>	<i>1.01</i>		
August.....	<i>2.47</i>	<i>4.34</i>	<i>3.57</i>	<i>6.34</i>	<i>5.25</i>	<i>2.53</i>	<i>4.64</i>	<i>6.48</i>	<i>2.83</i>		
September.....	<i>4.41</i>	<i>3.66</i>	<i>8.88</i>	<i>6.05</i>	<i>5.35</i>	<i>5.26</i>	<i>1.51</i>	<i>1.93</i>	<i>6.13</i>		
October.....	<i>0.62</i>	<i>3.20</i>	<i>3.98</i>	<i>7.39</i>	<i>8.56</i>	<i>4.39</i>	<i>3.78</i>	<i>6.26</i>	<i>5.97</i>		
November.....	<i>3.83</i>	<i>2.50</i>	<i>6.77</i>	<i>3.43</i>	<i>5.99</i>	<i>5.14</i>	<i>1.62</i>	<i>8.92</i>	<i>2.02</i>		
December.....	<i>2.10</i>	<i>6.39</i>	<i>9.95</i>	<i>4.15</i>	<i>2.10</i>	<i>3.74</i>	<i>6.14</i>	<i>5.94</i>	<i>1.85</i>		
TOTALS	<i>45.15</i>	<i>43.53</i>	<i>68.29</i>	<i>50.28</i>	<i>50.38</i>	<i>41.78</i>	<i>37.14</i>	<i>62.63</i>	<i>35.88</i>		

c c c

RAINFALL AT *New Cumnock Dumfries House*

Lat.....

Lon.....

County of.....

Ayr

Rain Gauge, by.....

Observer

*Mr A. Pettigrew**W. - 13.*

Diameter			5								
Height			1.3								
Altitude			352 [↑]								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....			7.52								
February.....			2.83								
March			2.09								
April.....			.90								
May			3.20								
June.....			5.93								
July			2.99								
August.....			3.75								
September.....			8.22								
October.....			3.72								
November.....			5.14								
December.....			6.44 [†]								
TOTALS			52.73								

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