

RAINFALL AT *Gromar, Lillafrogue*Lat..... Lon..... County of *Aberdeen*Rain Gauge, by..... Observer *A. Buchanan Esq.*

Dec - 1.

Diameter.....							5				
Height.....						1					
Altitude.....		<i>1120</i>									
YEAR.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	<i>#</i>	<i>.32</i>	<i>3.19</i>	<i>15.9</i>	<i>1.05</i>	<i>1.63</i>	<i>.89</i>	<i>2.17</i>	<i>1.15</i>	<i>2.42</i>	
February.....		<i>2.09</i>	<i>3.01</i>	<i>1.80</i>	<i>.77</i>	<i>1.06</i>	<i>3.53</i>	<i>3.25</i>	<i>.71</i>	<i>3.01</i>	
March.....		<i>1.21</i>	<i>2.80</i>	<i>1.75</i>	<i>1.20</i>	<i>1.59</i>	<i>3.96</i>	<i>2.08</i>	<i>2.97</i>	<i>2.49</i>	
April.....		<i>2.86</i>	<i>3.93</i>	<i>2.00</i>	<i>.80</i>	<i>.95</i>	<i>3.02</i>	<i>3.27</i>	<i>1.48</i>	<i>3.44</i>	
May.....		<i>.87</i>	<i>4.28</i>	<i>3.42</i>	<i>1.78</i>	<i>1.03</i>	<i>1.26</i>	<i>1.99</i>	<i>2.04</i>	<i>2.96</i>	
June.....		<i>2.23</i>	<i>4.37</i>	<i>1.37</i>	<i>1.00</i>	<i>2.57</i>	<i>1.99</i>	<i>4.63</i>	<i>2.67</i>	<i>3.30</i>	
July.....		<i>3.67</i>	<i>2.55</i>	<i>3.59</i>	<i>3.03</i>	<i>4.11</i>	<i>1.28</i>	<i>3.53</i>	<i>.48</i>	<i>3.66</i>	
August.....		<i>1.90</i>	<i>2.58</i>	<i>1.95</i>	<i>7.99</i>	<i>2.75</i>	<i>1.21</i>	<i>6.14</i>	<i>7.92</i>	<i>4.32</i>	
September.....		<i>2.96</i>	<i>6.33</i>	<i>4.86</i>	<i>1.99</i>	<i>3.30</i>	<i>3.34</i>	<i>1.90</i>	<i>3.22</i>	<i>1.14</i>	
October.....		<i>3.29</i>	<i>4.38</i>	<i>3.12</i>	<i>(3.11)</i>	<i>4.99</i>	<i>2.92</i>	<i>2.16</i>	<i>4.34</i>	<i>1.00</i>	
November.....		<i>1.46</i>	<i>4.09</i>	<i>5.02</i>	<i>2.92</i>	<i>4.61</i>	<i>3.10</i>	<i>3.97</i>	<i>5.17</i>	<i>2.96</i>	
December.....		<i>.99</i>	<i>3.73</i>	<i>1.73</i>	<i>2.19</i>	<i>2.41</i>	<i>8.74</i>	<i>1.36</i>	<i>2.93</i>	<i>.38</i>	
TOTALS.....	<i>21.00</i>	<i>23.85</i>	<i>45.24</i>	<i>32.20</i>	<i>27.83</i>	<i>31.00</i>	<i>35.24</i>	<i>36.45</i>	<i>35.08</i>	<i>31.08</i>	<i>(31.89)</i>

C C

1877 Trees about 6-8 ft high about 20 ft distant

1879 Shrubs 3 ft high 20 ft W.N.

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

1870 Amount estimated from Coldstone School

RAINFALL AT Cromar Tillypronie

Lat. _____

Lon. _____

County of Aberdeen

Rain Gauge, by _____

Observer W. R. Littlejohn

Dec - 1.

Diameter	5										
Height	1.0										
Altitude	1120										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	63	1.18	39	2.21	2.73	1.81	3.40	2.16		.67	
February	2.97	3.63	98	2.09	1.79	.94	1.39	.76		3.84	
March .....	.50	2.88	2.40	4.09	2.28	1.88	3.46	2.24		1.32	
April	2.39	1.20	3.57	1.17	1.34	1.45	.92	2.11		4.31	
May .....	.32	2.19	1.83	1.33	1.34	4.44	3.94	1.17		.61	
June	4.32	1.86	3.84	1.90	.98	1.20	1.31	.71		.45	
July	4.11	3.16	5.01	4.73	3.47	1.34	3.32	1.48		2.70	
August .....	.93	3.82	2.29	4.45	1.84	1.05	1.26	1.40		5.67	
September	2.19	3.42	3.70	3.80	1.18	3.21	1.96	4.11		.94	
October	3.14	4.51	2.45	1.49	3.10	2.50	4.65	2.68		2.69	
November	3.12	2.15	3.98	1.30	2.92	2.74	2.71	3.92		2.06	
December	1.97	.77	4.31	2.06	1.49	1.82	3.41	2.72		1.45	
TOTALS	26.59	30.77	34.81	30.62	24.46	24.38	31.73	25.46	lost (27.52)	26.71	(28.305)

1880. Mistle ½ mile S.S.W.

1882. Shrubs 4ft high 20ft SW and N.

1888 - Loanhead

RAINFALL AT *Gromar Tillyprouce*

Lat. _____

Lon. _____

County of *Aberdeen*

Rain Gauge, by _____

Observer *Mr R. Littlejohn*

Dec - 1.

Diameter	5										
Height	10								40	10	
Altitude	1120 A										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.02	1.84	3.41	1.80	2.29	6.03	1.04	3.69	.81	3.60	2.653
February	1.49	.34	1.73	2.92	2.47	2.77	.60	.86	2.23	2.10	1.751
March	2.84	3.53	1.05	.49	.84	4.60	1.67	4.09	2.42	3.89	2.542
April	1.22	1.02	.87	1.53	1.26	.89	.79	1.35	4.42	3.97	1.732
May	1.89	3.31	2.63	.76	4.54	.91	1.27	1.92	2.74	2.90	2.237
June	2.28	.51	1.94	3.22	1.74	4.21	2.76	4.61	1.27	1.70	2.424
July	2.95	4.69	2.41	2.41	3.32	3.40	2.88	1.75	1.24	2.98	2.803
August	3.84	5.88	2.84	4.35	6.06	3.90	1.81	3.85	2.83	.94	3.630
September....	1.89	4.29	2.31	4.01	1.18	1.60	4.40	1.47	2.67	2.90	2.672
October	4.41	1.88	5.78	3.03	2.80	6.08	6.01	1.74	6.39	2.67	4.079
November	4.08	3.37	1.27	4.11	.53	1.84	1.29	2.28	4.71	1.57	2.505
December	1.76	1.72	1.45	1.44	1.71	3.74	5.93	3.26	2.17	3.85	2.703
TOTALS	30.17	32.38	27.69	30.07	28.74	39.97	30.45	30.87	33.90	33.07	31.731

1890

Church 1/2 mile SSW

Shrub 4 ft high 20 ft

SW & N

RAINFALL AT *Caoma Tillymore*

Lat. Lon. County of *Aberdeen*

Rain Gauge, by Observer *Mr R. Littlejohn*

Dec - 1.

Diameter ..	5										
Height	1	0									
Altitude ..	1120	7									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.78	2.94	1.07	2.38	.96	.98	1.99	2.53	2.01	2.05	2.069
February ..	3.64	4.15	.83	3.35	3.13	1.77	2.66	1.75	2.62	1.22	2.515
March	3.60	3.54	1.91	1.53	1.86	2.79	2.34	1.52	4.70	7.36	3.215
April	3.06	1.57	2.03	3.09	1.52	3.00	1.62	2.74	2.41	2.67	2.471
May	1.43	3.09	4.42	2.34	3.34	1.61	6.73	5.94	1.42	2.82	3.314
June	2.99	2.64	3.91	1.49	.80	1.39	1.03	4.14	1.37	1.49	2.125
July	4.47	3.34	5.02	5.47	1.32	2.99	2.03	2.58	4.86	2.81	3.489
August	4.83	3.14	2.96	3.49	4.03	3.18	6.30	3.14	3.05	2.20	3.632
September ..	1.97	1.22	1.92	2.32	1.78	1.94	1.47	1.36	3.99	2.01	1.998
October	3.09	2.50	1.83	5.02	.78	4.69	4.46	6.09	1.32	3.25	3.303
November ..	3.77	2.38	3.30	2.36	1.86	6.12	6.39	1.91	1.52	1.64	3.125
December ..	2.55	5.20	3.94	2.54	2.73	.66	4.44	3.24	2.45	2.13	2.990
TOTALS ..	39.18	35.71	33.14	35.38	24.11	31.12	42.48	36.97	32.72	31.65	34.246

1903 *Mignie Church* $\frac{3}{4}$ mile S.W.

Dunnet St Station 8 . S

Shrub 4 ft high 3.0 ft N & N.W.

1909. New g. obtained in July the readings from which differ by about 5 percent. from those of old gauge. 7.5.10.

Heb

RAINFALL at Gromar, TillypronieCounty of AberdeenObserver Mr. J. LawsonRiver Basin Dee I.Sect. Meteorological Society (1912)

Rain Gauge, by _____

Diameter ...	5										
Height	10										
Altitude ...	1120 ⁺										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.80	1.43	3.52								
February ...	2.05	1.43	2.44								
March	1.88	3.04	2.09								
April	4.40	1.58	.74								
May	2.74	1.51	2.35								
June	1.37	1.93	2.43								
July	3.79	1.76	2.39								
August	4.16	1.33	5.48								
September ..	.82	.77	3.13								
October ...	3.25	2.67	3.28?								
November ..	5.42	6.88	1.58?								
December ...	3.87	4.82									
TOTALS ...	36.55	29.15									

D D

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.			Dinnel	8 mls.	S.	Mignie	3/4 mile	S.