

Rainfall at *Green School house**Ross Shire* 57°40' N 3°52' W*Malcolm McLean*

G. in corner of g. free from buildings, trees & shrubs.

Diameter of Gauge, *5* in.Height above Ground, *3* ft.Above Mean Sea Level, *40* ft.

somewhat - 5.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -						⁴ 2.69	1.61	3.54	5.00	1.66	
February - -						1.90	2.28	1.68	2.52	2.41	
March - - -						1.30	1.28	1.24	1.90	2.33	
April - - -						.92	.63	3.04	1.34	1.56	
May - - -						1.56	1.23	2.39	1.20	1.55	
June - - -						50	1.07	2.37	1.11	1.40	
July - - -						3.41	2.89	2.23	.38	1.15	
August - -						2.00	1.97	2.89	5.32	2.07	
September -						.66	2.67	2.00	3.98	3.55	
October - -						3.42	1.22	2.90	2.08	3.62	
November -						1.90	3.21	.52	1.39	2.35	
December -						1.14	3.38	2.31	2.17	2.49	
TOTALS -						21.64	23.44	27.11	28.59	26.14	

1868 A year of extremes of greatest drought and humidity the former continued till the 11th of Aug. when on that & two following days 3.62 in fell the fall must have been general for the Balnagore river a small stream 5 m. distant rose in a few hours 8 or 9 ft above its usual height, several bridges on this river were swept away, and after flooding the low ground the water found its way to the sea 2 miles distant from the usual channel. I have noticed that our heavy rains come ^{sometimes} frequently with a high Bar: 26th June .67 Bar above 30 in 29th Sept. 174 Bar about the same. Can you or your correspondent tell me if such facts are frequent.

RAINFALL AT *Tain Fearn*

70

Lat.

Lon.

County of *Ross East*

Rain Gauge, by

Observer *R. Gordon Esq*

on rock - 5.

Diameter....											
Height			<i>1</i>								
Altitude			<i>70</i>		<i>58</i>	<i>π</i>					
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January			<i>#</i>								
February....			<i>3.07</i>	<i>1.56</i>	<i>2.08</i>	<i>3.26</i>	<i>.67</i>	<i>2.67</i>	<i>1.60</i>	<i>.87</i>	
March.....			<i>1.31</i>	<i>.78</i>	<i>.21</i>	<i>.64</i>	<i>3.42</i>	<i>3.55</i>	<i>.58</i>	<i>.71</i>	
April			<i>1.10</i>	<i>1.36</i>	<i>1.73</i>	<i>1.09</i>	<i>3.60</i>	<i>2.14</i>	<i>2.09</i>	<i>2.22</i>	
May			<i>.72</i>	<i>.90</i>	<i>1.22</i>	<i>1.36</i>	<i>2.63</i>	<i>1.52</i>	<i>.23</i>	<i>1.26</i>	
June			<i>3.54</i>	<i>3.00</i>	<i>1.89</i>	<i>1.05</i>	<i>1.14</i>	<i>2.16</i>	<i>2.15</i>	<i>3.54</i>	
July.....			<i>4.95</i>	<i>1.20</i>	<i>.84</i>	<i>2.12</i>	<i>2.05</i>	<i>3.20</i>	<i>1.65</i>	<i>2.36</i>	
August			<i>1.97</i>	<i>5.17</i>	<i>2.07</i>	<i>3.57</i>	<i>1.49</i>	<i>2.58</i>	<i>1.11</i>	<i>4.03</i>	
September ..			<i>2.67</i>	<i>2.74</i>	<i>5.83</i>	<i>1.48</i>	<i>1.38</i>	<i>4.92</i>	<i>3.94</i>	<i>3.64</i>	
October			<i>3.12</i>	<i>4.39</i>	<i>1.89</i>	<i>2.40</i>	<i>3.52</i>	<i>1.03</i>	<i>2.52</i>	<i>1.56</i>	
November ..			<i>3.95</i>	<i>2.93</i>	<i>3.69</i>	<i>1.49</i>	<i>2.65</i>	<i>2.99</i>	<i>1.31</i>	<i>1.35</i>	
December ..			<i>3.65</i>	<i>2.98</i>	<i>1.93</i>	<i>2.70</i>	<i>3.54</i>	<i>3.11</i>	<i>2.87</i>	<i>2.35</i>	
TOTALS ..	<i>(18.48)</i>	<i>(24.38)</i>	<i>31.55</i>	<i>29.44</i>	<i>25.24</i>	<i>22.84</i>	<i>29.52</i>	<i>32.19</i>	<i>22.99</i>	<i>25.38</i>	<i>(16.20)</i>

1870+1871 = 4earn, School House

RAINFALL AT *Fain Farm Lower Pitkerrie*

Lat. _____

Lon. _____

County of *East-Loth*

Rain Gauge, by _____

Observer *R Gordon, Esq.*

some 7th - 5.

Diameter	5										
Height	1.0										
Altitude	587	957							90		
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.63	.89	2.11	1.15	3.60	1.31	1.81	2.42	1.41	.81	1.714
February ....	.95	2.17	1.43	1.06	.74	2.49	1.14	1.40	1.00	2.34	1.472
March .....	.83	1.79	2.71	1.41	1.00	1.38	.88	.57	2.36	1.19	1.412
April	1.38	.94	1.97	.90	.10	.93	.69	1.54	1.58	1.72	1.175
May .....	.53	1.98	1.15	.79	1.77	2.26	2.75	.41	1.30	.66	1.360
June	1.71	2.16	2.59	1.19	.53	2.79	.92	.32	2.31	.64	1.516
July	1.85	3.44	2.28	5.03	1.08	.91	1.86	2.16	3.38	1.27	2.326
August .....	.34	2.36	1.41	2.92	1.59	1.06	1.08	1.98	2.22	4.55	1.951
September....	1.73	1.95	2.72	2.66	.37	3.36	2.33	2.01	.76	.94	1.883
October	2.15	2.13	1.40	2.07	2.34	1.60	1.50	1.75	3.17	2.93	2.104
November....	2.95	3.39	2.09	1.80	2.31	2.35	1.55	1.75	2.64	1.21	2.054
December	2.23	1.79	4.28	2.04	1.56	1.50	1.88	1.68	.79	1.23	1.898
TOTALS	18.28	24.99	(26.14)	23.02	17.49	21.94	18.39	17.99	22.92	19.49	(20.865)?

1878
19037

1882 *Fearn Church* 3 miles S.

1882 *Young trees* 7ft high 40ft S.W.

1882 *Gauge* moved to *Lower Pitkerrie* during the year.

1885 *Nov.* very small

RAINFALL AT *Fearn Lower Pitkerrie*

Lat. _____

Lon. _____

County of _____

East Ross

Rain Gauge, by _____

Observed _____

R. Gordon Esq C.E.

500000 F.M. - 5.

Diameter	5										
Height	10										
Altitude	95										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.37	1.35	1.89	1.71	1.22	2.74	1.88	.96	1.55	2.99	1.966'
February ....	.69	2.33	1.85	2.03	4.72	.83	.71	.66	3.35	1.32	1.849'
March	2.51	1.19	1.02	.45	1.56	1.42	1.20	1.97	1.44	2.46	1.522
April	1.11	.37	1.27	1.06	.71	.95	1.54	.82	1.74	2.40	1.174'
May .....	.96	2.34	2.36	.97	3.52	.52	.90	1.49	2.02	1.96	1.704
June	1.61	1.12	1.71	.96	1.54	3.51	3.36	1.94	.91	1.81	1.847'
July	2.74	3.23	1.96	2.77	4.78	2.75	3.58	.55	1.51	2.50	2.437'
August	3.76	2.96	2.62	2.17	3.86	2.16	1.72	2.16	2.37	.44	2.422
September...	2.01	1.39	2.79	2.80	.29	1.36	2.83	1.16	3.96	2.73	2.132
October	2.54	.80	3.87	3.65	2.27	3.24	1.90	1.73	2.97	.93	2.590
November...	2.78	1.83	1.60	3.45	.88	.40	.41	1.10	1.77	1.79	1.601
December...	.39	2.45	1.40	1.80	2.04	2.30	2.81	2.07	4.24	2.81	2.431
TOTALS	24.47	21.36	24.34	23.82	27.39	22.18	22.84	16.61	27.83	24.14	23.498

1880 -

RAINFALL AT *Fearn, Lower Lifford*

Lat.

Lon.

County of *East Ross*

Rain Gauge, by

Observer *R Gordon Esq. CL*

Dromoch Firth - 5.

Diameter...	5										
Height	10										
Altitude ..	95										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.46	1.59	1.17	2.59	.54	1.61	1.89	1.64	1.24	1.67	1.640
February ..	.85	2.01	.85	1.97	2.21	2.26	2.57	1.14	1.87	.52	1.625
March	1.28	1.49	1.22	2.52	.41	3.94	1.56	1.15	2.25	1.44	1.726
April	1.68	1.02	.73	1.98	2.33	1.82	1.46	.90	1.54	1.64	1.510
May	1.22	1.87	2.42	1.24	.86	1.82	3.24	2.49	2.02	1.83	1.901
June	2.36	1.58	1.74	1.51	.83	.61	.32	3.10	.71	1.93	1.469
July	3.48	3.23	2.90	3.21	.87	1.65	1.93	2.56	1.16	1.64	2.263
August	3.96	2.53	1.15	3.34	3.36	2.99	3.81	1.39	1.36	2.32	2.621
September ..	1.81	.71	1.81	1.32	2.34	1.82	1.51	.75	4.12	1.97	1.816
October	2.32	2.52	1.28	5.00	1.65	2.97	2.55	2.23	.82	2.90	2.424
November ..	3.03	1.67	.47	2.95	1.79	3.23	5.46	2.16	2.28	1.68	2.472
December ..	3.84	3.62	1.95	1.21	1.96	1.04	1.46	2.34	1.11	1.65	2.018
TOTALS ..	28.29	23.84	17.69	28.84	19.15	25.76	27.76	21.85	20.48	21.19	23.485

m m m m m m m m m m

1901 Fearn Abbey Church 2 1/2 miles W

Hob

RAINFALL at Fearn, Lower PitkerrieCounty of RossObserver R. Gordon Esq. C.E.River Basin Dornoch Firth 5Miss D. Gordon (16)Miss A.C. Gordon (18)

Rain Gauge, by _____

Diameter ...	5										
Height	1 0										
Altitude ...	95										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.99?	.54	1.14	.43	2.49	1.69	2.38	1.55	2.24	1.35	752
February ...	.62	1.46	1.76	1.55	1.78	1.45	1.61	.57	1.70	1.35	523
March .....	.71	.94	1.31	1.83	1.87	1.70	1.12	1.56	.90	1.01	459
April	3.32	1.10	1.55	1.07	.69	1.79	1.19	1.22	1.19	2.00	560
May .....	.72	1.63	1.90	1.30	1.83	.78	3.23	1.55	1.62	.10	650
June	1.62	1.65	2.82	2.69	.96	.75	3.53	2.45	1.32	1.91	921
July	3.82	2.42	1.30	1.48	3.30	3.23	3.19	1.03	5.51	.43	1016
August	2.79	.81	3.78	.92	2.16	.87	.99	4.30	2.19	2.81	1029
September ..	1.55	1.04	.69	2.40	1.02	2.27	.89	2.36	2.47	1.94	766
October ...	.90	1.23	1.88	.72	1.03	.26	4.24	3.61	1.06	1.85	1076
November ..	3.34	4.16	2.17	2.06	3.25	1.44	1.77	3.78	1.67	2.54	976
December ...	1.58	1.32	2.98	2.18	2.04	2.86	1.74	1.16	2.30	.94	614
TOTALS ...	22.96	18.35	23.28	18.54	22.42	19.00	25.88	25.14	24.17	18.23	7342
	?	?									

1915 Small.

* 1919 Aug - Dec = 2nd half (11.21)

101.4

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Fearn	4	W	Abbey	3 1/2	SW