





# RAINFALL AT *Laggan*

Lat. ....

Lon. ....

County of

*East Inverness*

Rain Gauge, by

Observer

*W. A. McIntosh*

*Spec. Rbank - 2.*

Diameter ....	<i>5</i>										
Height .....	<i>0.9</i>										
Altitude ....	<i>821</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>2.81</i>										
February ....	<i>4.19</i>										
March .....	<i>4.84</i>										
April .....	<i>2.77</i>										
May .....	<i>1.58</i>										
June .....	<i>1.54</i>										
July .....	<i>3.86</i>										
August .....	<i>.92</i>										
September ....	<i>2.80</i>										
October .....	<i>4.91</i>										
November ....	<i>4.42</i>										
December ....	<i>3.64</i>										
TOTALS ....	<i>38.28</i>										

*1880. Laggan Parish Church, 500 yards E.*  
*1881 gauge stolen*



# RAINFALL AT *Kingussie*

Lat. .... Lon. .... County of *East Inverness*  
 Rain Gauge, by ..... Observer *Serge A. Fraser*

*Spey, L. bank - 3.*

Diameter ....					<i>5</i>						
Height .....					<i>1.0</i>						
Altitude ....					<i>750T</i>						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....					<i>4.76</i>		<i>2.95</i>				
February ....					<i>3.42</i>	<i>3.52</i>	<i>1.23</i>				
March .....					<i>2.75</i>	<i>1.65</i>	<i>1.29</i>				
April .....					<i>.67</i>		<i>1.71</i>				
May .....					<i>2.49</i>		<i>3.88</i>				
June .....					<i>.60</i>		<i>.78</i>				
July ..					<i>2.60</i>		<i>2.40</i>				
August .....					<i>2.99</i>		<i>1.37</i>				
September....					<i>1.90</i>	<i>4.49</i>	<i>3.70</i>				
October ....					<i>3.83</i>	<i>2.85</i>	<i>2.09</i>				
November....					<i>3.93</i>		<i>4.02</i>				
December ....					<i>4.34</i>		<i>2.82</i>				
TOTALS ....					<i>34.28</i>		<i>28.24</i>	<i>N.R.</i>			<i>(28.500) *</i>

*1884 Kingussie Church ½ mile E.*

*House 30ft high 50ft N.*

*\* Computed from Avenmore V. 12*



# RAINFALL AT Arriamore L.R.S.

Lat. ....

Lon. ....

County of East-Immerness

Rain Gauge, by .....

Observer The Station Agent

Specy - 3.

Diameter ....	5										
Height .....	1.0										
Altitude ....	710										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.43	33	3.19	2.41	4.95	1.77	3.30	1.45	2.31	1.13	2.227
February ....	2.41	1.54	1.68	1.74	2.17	2.94	1.57	2.67	1.52	4.50	2.274
March .....	1.34	1.35	3.69	2.07	2.46	1.75	1.29	2.28	2.14	1.09	1.946
April .....	1.97	1.20	2.51	.52	1.00	.69	1.29	1.20	1.67	1.49	1.354
May .....	.77	1.89	2.38	2.47	2.22	3.85	4.82	1.97	1.60	.59	2.256
June .....	5.70	1.58	3.82	1.45	.93	.89	.94	.68	2.45	.64	1.908
July .....	4.42	2.98	4.04	4.63	3.89	.79	2.22	2.21	4.04	2.10	3.132
August .....	.32	2.88	2.31	5.78	3.85	2.42	1.77	1.99	1.91	5.31	2.854
September ....	1.72	1.71	4.09	3.70	1.50	3.99	2.45	2.58	1.12	1.14	2.400
October .....	3.01	3.54	1.15	3.66	4.73	2.54	1.95	2.64	3.92	2.31	2.945
November ....	3.64	3.83	3.57	3.49	3.86	1.77	4.03	2.84	4.29	2.15	3.347
December ....	1.94	1.85	2.45	2.40	4.17	2.12	3.59	1.83	.87	2.05	2.327
TOTALS ....	28.67	24.68	34.88	34.32	35.73	25.62	29.22	24.34	27.84	24.50	28.970



# RAINFALL AT *Inverness Culloden House*

Lat. ....

Lon. ....

County of *Inverness, East-*

Rain Gauge, by .....

Observer *D. Forbes Esq*

*rain -5.*

Diameter ....	6										
Height .....	4.0										
Altitude ....	104 T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.49	.64	2.43	1.66	3.74	1.47	2.26	.94	1.27	.28	1.618
February ....	1.59	1.85	2.14	1.78	1.53	2.93	1.22	1.59	1.20	2.53	1.836
March .....	1.32	1.25	3.23	1.52	1.37	1.31	.48	1.13	2.66	1.12	1.539
April .....	1.05	.20	2.43	.97	.52	.90	.78	1.26	1.06	1.22	1.039
May .....	.55	1.64	.86	1.23	1.82	2.96	3.29	.95	.99	.72	1.501
June .....	1.14	1.24	2.15	.89	.98	.81	.71	.25	1.32	.11	.960
July .....	5.98	3.74	1.97	4.24	3.86	.48	2.22	2.29	3.57	1.57	2.992
August .....	.55	3.16	1.51	2.96	1.35	1.89	.88	1.28	1.56	4.83	1.997
September ....	1.46	1.51	6.48	3.27	.74	3.18	2.49	3.36	.91	1.15	2.455
October .....	3.05	3.36	1.79	1.74	1.70	1.58	1.74	2.84	2.31	2.36	2.247
November ....	3.17	3.73	2.20	2.48	2.93	.72	2.31	1.83	3.73	1.86	2.496
December ....	2.30	1.22	2.72	2.46	2.66	2.56	2.56	1.35	.48	.97	1.928
TOTALS ....	23.65	23.54	29.91	25.20	23.20	20.79	20.94	19.07	21.06	18.72	22.608

*Inverness 4-miles W.*

*Fruit trees various heights W.*

*Nya Sta. No. 88- 805570*

*NGR: NH (28) 722464*

*alt. 32m*



# RAINFALL AT *Fort Augustus, S<sup>t</sup> Benedict's*

Lat. ....

Lon. ....

County of *East Inverness*

Rain Gauge, by .....

Observer *Rev W. M. Wall*

*ness, R. bank - b.*

Diameter ....					5						
Height .....					1.6						
Altitude ....					68π						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....		18.88			7.49	3.25	4.52	5.57	(4.26)	3.23	4.750
February ....		18.88			4.40	6.97	1.46	5.45	1.53	4.08	4.277
March .....		17.62			2.76	2.70	2.13	1.76	(2.91)	2.86	3.274
April .....		9.05			.82	1.20	2.92	1.54	2.04	2.30	1.987
May .....		9.43			3.33	3.50	3.11	.99	2.83	.92	2.411
June .....		10.09			1.26	1.51	1.05	1.59	1.17	.78	1.745
July ..		13.14			3.24	1.11	3.15	4.35	3.81	1.41	3.021
August .....		12.28			2.15	1.69	1.86	2.23	3.43	6.26	2.990
September ....		9.99			3.21	6.52	4.28	3.76	1.34	1.75	3.085
October .....		12.04			5.63	3.78	2.57	3.04	5.59	2.22	3.487
November ....		26.52			6.03	2.91	4.41	3.30	7.80	2.76	5.373
December ....		22.08			7.63	5.26	5.44	3.66	3.20	4.10	5.137
TOTALS .....		180.00	(500.00)		47.95	40.40	36.90	37.54	(39.91)	32.67	41.537

*computed from 2 William  
recomputed*

1884 Monastery 50ft high 130ft S.W. to N.W.

Tower of do. 125ft " 130ft S.W. by W

1888 Record lost Mar 23 & Jan 21st. Amount computed for Mar 23 but  
not for Jan 21st.



# RAINFALL AT *Grath Errick Farraline House*

Lat. ....

Lon. ....

County of

*East Inverness*

Rain Gauge, by

Observer

*Capt Fraser*

*res, Elbank - 6.*

Diameter ....	3										
Height .....	0.6				1.3		6				
Altitude ....	700 T										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	3.50	2.90	4.30	4.30	3.80	2.80	2.00				
February ....	3.00	1.30	2.10	3.50	1.70	4.00	.20				
March .....	4.30	2.20	6.40	4.50	1.60	1.30	.50				
April .....	4.50	.90	1.70	4.90	.80	.60	1.40				
May .....	3.20	.20	.80	3.80	3.10	4.70	2.40				
June .....	7.60	1.20	2.30	3.80	1.00	.90	.50				
July .....	2.00	2.50	2.30	9.20	3.40	.50	3.00				
August .....	2.10	1.30	2.50	6.30	1.80	1.30	.90				
September ....	4.30	1.00	4.20	4.60	2.10	3.80	2.30				
October .....	4.30	.60	4.20	4.90	4.50	3.50	2.50				
November ....	6.20	1.40	2.80	6.60	4.30	1.40	3.30				
December ....	3.25	2.80	1.30	3.30	5.30	1.70	1.40				
TOTALS ....	48.25	<del>18.30</del>	34.90	59.70	33.40	26.50	<del>18.40</del>				

1880. Boleskine

4 miles

*W.*

Wall 10ft high 21ft W

1881 Record incorrect.

1886 " much to small gauge taking Obs<sup>r</sup> thinks about one inch per month



# RAINFALL AT *Loch Ashie*

Lat. .... Lon. .... County of *East Inverclyde*  
*Snowdon* Rain Gauge, by *N. & L.* Observer *J. Fraser Esq. C.E.*

*ness - 6.*

Diameter ....				5							
Height .....				2 0					12 0		
Altitude ....				730					725		
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....			<i>11</i>	2.13	3.80	1.65	1.88	1.80	1.65	.45	
February ....				2.04	1.34	3.56	1.52	2.67	1.50	1.92	
March .....				1.55	2.08	1.38	.68	1.05	3.89	1.23	
April .....				1.07	1.05	1.46	1.28	1.00	1.40	1.83	
May .....				1.87	2.08	3.37	4.04	.91	1.25	.77	
June .....				1.32	.94	1.13	.96	.31	1.36	.16	
July .....				5.14	3.65	.72	2.74	1.68	3.80	2.61	
August .....				4.37	2.14	1.95	1.28	1.65	1.56	4.46	
September ....				4.08	1.02	3.52	2.64	3.36	.73	.90	
October ....				2.25	2.07	2.17	1.95	2.52	3.71	2.35	
November ....				2.63	3.04	1.10	2.92	2.58	4.20	2.04	
December ....				2.46	3.03	2.82	2.77	2.20	.54	1.03	
TOTALS ....				30.91	26.24	24.83	24.66	21.73	25.59	19.75	

The gauge was originally fixed some distance from the N end of the Loch but was subsequently fixed on a post about 12 ft high a few yards behind the low embankment at the N end of the Loch. The change was probably made in 1889 as the record shows a falling off in that year & in subsequent years a decrease of about 4 inches per annum.



# RAINFALL AT *Glenquoich*

Lat. ....

Lon. ....

County of *West Inverness*

Rain Gauge, by .....

Observer *A. Buchan, Esq.*

*Wess, Garry - 7.*

Diameter ....	8											
Height .....	2.0											
Altitude ....	660											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	13.59	2.94	15.64	11.52	20.97	6.74	15.82	14.58	10.67	12.80	12.527	/
February ....	13.87	4.59	13.21	13.14	12.35	15.11	5.03	10.93	6.22	12.02	10.647	/
March .....	7.69	11.37	18.23	5.21	7.19	7.34	4.76	5.07	6.72	9.19	8.277	/
April .....	9.12	2.12	5.82	4.01	1.61	5.46	6.41	5.18	5.92	4.00	4.965	\
May .....	5.44	5.37	5.23	6.24	9.16	7.44	4.36	3.91	8.09	2.98	5.822	
June .....	5.51	6.91	8.24	3.38	3.60	5.45	5.09	5.53	4.00	1.13	4.884	
July .....	4.54	11.81	7.88	3.52	6.57	4.74	7.99	10.38	5.88	1.55	6.486	/
August .....	2.80	7.19	8.13	11.42	6.17	3.57	6.21	3.99	7.82	11.36	6.866	/
September ....	7.11	3.97	5.97	5.81	7.16	14.29	9.83	7.60	4.13	6.02	7.189	/
October .....	3.61	8.61	4.61	11.28	17.32	10.32	6.02	7.94	11.09	4.56	8.536	/
November ....	14.87	13.67	13.09	16.85	16.11	8.69	11.66	8.97	14.55	9.99	12.845	\
December ....	12.90	16.12	10.36	13.61	15.91	21.90	11.19	11.96	9.34	12.66	13.595	\
TOTALS ....	101.05	94.67	116.41	105.99	124.12	111.05	94.37	96.04	94.43	88.26	102.639	



# RAINFALL AT *Inverigamy House*

Lat. ....

Lon. ....

County of *East Inverness*

Rain Gauge, by .....

Observer *Mr. Ellice*

*new - 7.*

Diameter ....					5						
Height .....					1.0						
Altitude ....											
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....					14.32	5.13	5.96	10.14	6.25	6.49	
February ....					7.57	10.78	2.87	10.35	2.92	4.49	
March .....					4.58	5.26	3.63	2.72	4.63	4.14	
April .....					1.83	2.77	4.99	1.90	2.81	3.78	
May .....					4.64	3.39	3.12	1.31	4.84	1.39	
June .....					1.47	2.44	2.00	1.35	1.24	.30	
July .. ...					3.84	2.30	4.22	6.03	5.04	1.24	
August .....					3.45	1.60	3.30	2.40	4.73	5.35	
September....					5.79	8.68	7.18	3.78	1.93	2.59	
October ....					8.13	5.97	4.50	5.26	6.89	2.91	
November....					9.51	5.39	8.66	5.24	9.37	4.88	
December....					10.14	9.60	7.77	3.95	3.95	7.55	
TOTALS ....					75.21	63.31	58.20	54.43	54.60	45.11	



# RAINFALL AT *Loch Ness, Drumna drochit*

Lat. .... Lon. .... County of *E. Inverness*  
 Rain Gauge, by ..... Observer *W. H. Grant*

*Ness - 9.*

Diameter ....							<i>5</i>					
Height .....							<i>1.0</i>					
Altitude ....							<i>104</i>					
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>(2.77)</i>		<i>(19.00)</i>				<i>4.29</i>	<i>3.72</i>	<i>2.89</i>	<i>1.94</i>	<i>3.184</i>	
February ....	<i>(3.15)</i>		<i>(17.20)</i>				<i>1.37</i>	<i>3.83</i>	<i>1.65</i>	<i>4.14</i>	<i>2.819</i>	
March .....	<i>(2.01)</i>		<i>(16.70)</i>				<i>1.05</i>	<i>1.83</i>	<i>4.06</i>	<i>2.44</i>	<i>2.608</i>	
April .....	<i>(1.90)</i>		<i>(10.40)</i>				<i>1.79</i>	<i>1.59</i>	<i>1.63</i>	<i>2.07</i>	<i>1.748</i>	
May .....	<i>(1.12)</i>		<i>(17.50)</i>				<i>3.64</i>	<i>.79</i>	<i>1.38</i>	<i>1.20</i>	<i>2.451</i>	
June .....	<i>(2.38)</i>		<i>(11.80)</i>				<i>.71</i>	<i>1.37</i>	<i>1.26</i>	<i>.33</i>	<i>1.547</i>	
July .....	<i>(7.00)</i>		<i>(32.20)</i>				<i>2.88</i>	<i>2.41</i>	<i>5.40</i>	<i>1.79</i>	<i>4.468</i>	
August .....	<i>(1.87)</i>		<i>(17.30)</i>				<i>1.30</i>	<i>1.94</i>	<i>1.93</i>	<i>4.76</i>	<i>2.723</i>	
September ....	<i>(1.92)</i>		<i>(21.70)</i>				<i>3.48</i>	<i>3.64</i>	<i>1.18</i>	<i>1.19</i>	<i>3.119</i>	
October .....	<i>(4.40)</i>		<i>(18.70)</i>				<i>2.03</i>	<i>2.56</i>	<i>4.23</i>	<i>2.31</i>	<i>2.983</i>	
November ....	<i>(4.68)</i>		<i>(23.70)</i>				<i>4.17</i>	<i>2.74</i>	<i>5.38</i>	<i>2.89</i>	<i>3.888</i>	
December ....	<i>(2.80)</i>		<i>(21.80)</i>				<i>3.55</i>	<i>2.91</i>	<i>1.36</i>	<i>2.25</i>	<i>3.187</i>	
TOTALS ....	<i>(36.00)</i>	<i>(31.00)</i>	<i>(42.00)</i>	<i>(51.00)</i>	<i>(36.00)</i>	<i>(32.00)</i>	<i>30.26</i>	<i>29.33</i>	<i>32.35</i>	<i>27.31</i>	<i>34.725</i>	

*Wright's Church 200 yards S.*

*Wall 4 ft. high 2 ft. E.*

*1887*

*House 24 ft. " 108 " S*

*1880 - 1885 totals est? from Annual maps & distributed by Inverness High Sch*  
*S.S. V. 15.*

*The annual value for 1883 is*  
*not good - it should only be*  
*108 per cent of average*  
*75 x 1.43*



# RAINFALL AT *Inverness High School*

Lat. ....

Lon. ....

County of .....

Rain Gauge, by .....

Observer .....

*F. D. Wallace*

*nos - 9.*

Diameter ....		8						8				
Height .....		1. 0		1. 2				1. 0				
Altitude ....		95	114	94		114		95				
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ... ..	1.90	(.50)	2.39	2.62	4.71	1.24	(2.52)*	1.34	1.53	.74*	1.949	
February ....	2.16	4.76	2.75	1.90	1.30	3.22	1.41	2.13	1.34	(3.38)	2.035	
March .....	1.38	1.40	4.37	1.42	1.55	1.48	.46	1.33	3.18	1.04	1.761	
April .....	1.30	.83	2.96	1.14	.65	.43	.83	1.28	1.24	2.19	1.285	
May .....	.77	2.48	1.30	1.27	1.57	4.93	3.38	.30	1.04	.31	1.735	
June .....	1.63	1.82	1.97	.69	1.02	1.18	.90	.26	1.26	.00	1.073	
July .....	4.80	4.47	3.87	5.53	(3.38)	.62	(2.02)*	2.04	(3.70)*	1.93	3.236	
August .....	1.28	2.81	1.66	3.22	(4.74)	(1.36)	1.89	(1.28)*	1.92	4.65	3.96	2.403
September....	1.32	1.39	5.51	3.02	.75	3.34	2.67	3.35	.38	1.04	2.277	
October .....	3.02	3.29	1.32	1.97	2.12	1.47	1.28	1.76	2.09	2.06	2.038	
November....	3.21	4.10	2.29	3.22	2.78	1.03	2.63	1.39	4.04	2.10	2.679	
December ....	1.92	1.46	2.82	2.74	3.01	(3.39)*	2.40	2.41	.39	(.98)*	2.152	
TOTALS ....	(24.69)	(25.31)	33.21	28.74	24.20	(24.22)	(21.78)	19.57	(24.84)	(19.73)	(24.623)	

Buildings 10 ft to 40 ft high 120 ft distant all round  
 1882. Aug incorrectly printed by Reg Gen. as 1.72 in.  
 1888 Utterly unreliable & different values sent to R.G. in 5 months

1880 - H.R.S.

\*

ditto



# RAINFALL AT *Inverness H. P. S.*

Lat. ....

Lon. ....

County of *East Inverness*

Rain Gauge, by .....

Observer *The Station Agent*

*ness - 9.*

Diameter ....	<i>5</i>										
Height .....		<i>1.8</i>									
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>1.90</i>	<i>.42</i>	<i>2.64</i>	<i>2.16</i>	<i>4.10</i>	<i>.89</i>	<i>2.52</i>	<i>1.23</i>	<i>1.28</i>	<i>.54</i>	<i>1.768</i>
February ....	<i>2.16</i>	<i>1.30</i>	<i>2.72</i>	<i>2.16</i>	<i>2.14</i>	<i>2.74</i>	<i>1.41</i>	<i>2.42</i>	<i>.94</i>	<i>3.38</i>	<i>2.137</i>
March .....	<i>1.38</i>	<i>1.80</i>	<i>4.04</i>	<i>1.24</i>	<i>1.02</i>	<i>1.58</i>	<i>1.31</i>	<i>.98</i>	<i>2.85</i>	<i>2.06</i>	<i>1.826</i>
April .....	<i>1.30</i>	<i>.74</i>	<i>2.06</i>	<i>.92</i>	<i>.88</i>	<i>.38</i>	<i>.58</i>	<i>1.33</i>	<i>1.68</i>	<i>2.10</i>	<i>1.197</i>
May .....	<i>.77</i>	<i>2.98</i>	<i>1.28</i>	<i>1.24</i>	<i>1.82</i>	<i>2.38</i>	<i>3.20</i>	<i>.74</i>	<i>1.20</i>	<i>.72</i>	<i>1.633</i>
June .....	<i>1.63</i>	<i>1.70</i>	<i>2.18</i>	<i>1.04</i>	<i>1.70</i>	<i>1.08</i>	<i>.82</i>	<i>.42</i>	<i>1.16</i>	<i>.22</i>	<i>1.195</i>
July .....	<i>4.80</i>	<i>3.60</i>	<i>2.74</i>	<i>4.80</i>	<i>4.82</i>	<i>.58</i>	<i>2.02</i>	<i>2.56</i>	<i>3.70</i>	<i>1.30</i>	<i>3.092</i>
August .....	<i>1.28</i>	<i>2.92</i>	<i>1.64</i>	<i>3.30</i>	<i>1.94</i>	<i>1.30</i>	<i>1.28</i>	<i>2.08</i>	<i>1.76</i>	<i>2.60</i>	<i>2.010</i>
September ....	<i>1.32</i>	<i>1.42</i>	<i>5.26</i>	<i>3.24</i>	<i>1.12</i>	<i>3.24</i>	<i>2.42</i>	<i>3.24</i>	<i>.94</i>	<i>.74</i>	<i>2.294</i>
October .....	<i>3.02</i>	<i>3.66</i>	<i>1.64</i>	<i>2.08</i>	<i>2.12</i>	<i>1.22</i>	<i>1.74</i>	<i>1.70</i>	<i>2.85</i>	<i>1.24</i>	<i>2.127</i>
November ....	<i>3.21</i>	<i>3.88</i>	<i>2.60</i>	<i>3.60</i>	<i>2.80</i>	<i>.68</i>	<i>2.45</i>	<i>1.50</i>	<i>2.90</i>	<i>1.48</i>	<i>2.510</i>
December ....	<i>1.92</i>	<i>1.24</i>	<i>2.84</i>	<i>2.68</i>	<i>1.98</i>	<i>3.39</i>	<i>2.33</i>	<i>1.92</i>	<i>.96</i>	<i>.98</i>	<i>2.024</i>
TOTALS ....	<i>24.69</i>	<i>25.66</i>	<i>31.54</i>	<i>28.46</i>	<i>26.44</i>	<i>19.46</i>	<i>22.08</i>	<i>20.12</i>	<i>22.22</i>	<i>17.36</i>	<i>23.813</i>

*High Church 1/4 mile NW.*

*Fence 5 ft high 15 ft N.*



# RAINFALL AT *Glen Strathfarrer*

Lat. ....

Lon. ....

County of *East Inverness*

Rain Gauge, by .....

Observer *W<sup>c</sup> D. Fraser*

*Beauly 10.*

Diameter ....	<i>5</i>										
Height .....	<i>1. 0</i>										
Altitude ....	<i>461 T</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>5. 11</i>	<i>. 37</i>	<i>6. 02</i>	<i>4. 20</i>	<i>4. 85</i>		<i>5. 92</i>				
February ....	<i>5. 93</i>	<i>2. 90</i>	<i>10. 22</i>	<i>5. 86</i>	<i>4. 69</i>		<i>2. 16</i>				
March .....	<i>3. 43</i>	<i>4. 22</i>	<i>11. 85</i>	<i>5. 47</i>	<i>5. 36</i>		<i>2. 91</i>				
April .....	<i>3. 25</i>	<i>3. 80</i>	<i>3. 65</i>	<i>4. 45</i>	<i>5. 12</i>		<i>4. 57</i>				
May .....	<i>2. 68</i>	<i>2. 72</i>	<i>3. 00</i>	<i>4. 16</i>	<i>4. 90</i>		<i>2. 04</i>				
June .....	<i>2. 98</i>	<i>3. 24</i>	<i>4. 20</i>	<i>4. 59</i>	<i>2. 91</i>		<i>4. 22</i>				
July .....	<i>3. 49</i>	<i>3. 25</i>	<i>3. 19</i>	<i>4. 12</i>	<i>3. 61</i>		<i>3. 84</i>				
August .....	<i>1. 14</i>	<i>3. 32</i>	<i>5. 77</i>	<i>4. 23</i>	<i>2. 14</i>		<i>3. 78</i>				
September ....	<i>2. 38</i>	<i>3. 00</i>	<i>3. 22</i>	<i>3. 59</i>	<i>3. 17</i>		<i>5. 50</i>				
October .....	<i>4. 49</i>	<i>6. 09</i>	<i>5. 02</i>	<i>8. 26</i>	<i>4. 53</i>		<i>5. 36</i>				
November ....	<i>8. 09</i>	<i>5. 97</i>	<i>8. 03</i>	<i>8. 12</i>	<i>7. 05</i>		<i>6. 25</i>				
December ....	<i>6. 53</i>	<i>6. 17</i>	<i>6. 27</i>	<i>9. 40</i>	<i>4. 70</i>		<i>7. 34</i>				
TOTALS ....	<i>49. 50</i>	<i>45. 05</i>	<i>70. 44</i>	<i>66. 45</i>	<i>53. 03</i>	<i>91. 08</i>	<i>54. 49</i>				

*1880. Kilmarock*

*20 miles*

*E.*



# RAINFALL AT Beaully Beaufort Castle

Lat. ....

Lon. ....

County of

East Inverness

Rain Gauge, by .....

Observer

M<sup>r</sup> W Anderson

Beaully 10.

Diameter ....	5										
Height .....	4.0										
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.46										
February ....	1.62										
March .....	1.96										
April .....	1.63										
May .....	.81										
June .....	2.63										
July .....	4.79										
August .....	.95										
September ....	1.43										
October .....	2.58										
November ....	3.75										
December ....	2.84										
TOTALS ....	26.45										

1880. Kiltarilty

$\frac{1}{2}$  mile

S.E.



# RAINFALL AT *Loch Shiel Kinlochmoidart*

Lat. ....

Lon. ....

County of *West Inverness*

Rain Gauge, by .....

Observer *W. A. Macdonald, Esq.*

*Sound gaisig - 13.*

Diameter ....	<i>5</i>										
Height .....	<i>0.6</i>										
Altitude ....	<i>27</i>										
Year .....	<i>1880</i>	<i>1881</i>	<i>1882</i>	<i>1883</i>	<i>1884</i>	<i>1885</i>	<i>1886</i>	<i>1887</i>	<i>1888</i>	<i>1889</i>	MEANS.
January ....	<i>5.50</i>	<i>1.15</i>									
February ....	<i>6.94</i>	<i>3.17</i>									
March .....	<i>3.47</i>	<i>4.90</i>									
April .....	<i>4.19</i>	<i>1.90</i>									
May .....	<i>2.53</i>	<i>3.01</i>									
June .....	<i>3.32</i>	<i>5.55</i>									
July .....	<i>3.78</i>	<i>7.40</i>									
August .....	<i>2.26</i>	<i>5.90</i>									
September....	<i>4.19</i>	<i>3.03</i>									
October .....	<i>3.41</i>	<i>6.58</i>									
November....	<i>8.02</i>	<i>8.27</i>									
December ....	<i>6.59</i>	<i>9.99</i>									
TOTALS ....	<i>54.20</i>	<i>60.85</i>									

*1880. Kilchoan*

*30.*

*S. E*

*Trees 50ft high, 28ft E 33ft distant N.*  
*" 50ft " 33ft N*

*1882 Forms sent back for correction and not returned by observer*



RAINFALL AT *Moidart, Kinloch Moidart*

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

*Arising -13.*

Diameter . . . .											
Height . . . . .											
Altitude . . . .											
Year . . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .							<i>7.69</i>				
February . . . .							<i>3.62</i>				
March . . . . .							<i>2.71</i>				
April . . . . .							<i>3.94</i>				
May . . . . .							<i>4.25</i>				
June . . . . .							<i>3.49</i>				
July . . . . .							<i>4.70</i>				
August . . . . .							<i>4.25</i>				
September . . . .							<i>6.40</i>				
October . . . .							<i>4.65</i>				
November . . . .							<i>8.48</i>				
December . . . .							<i>6.49</i>				
TOTALS . . . .							<i>60.67</i>	<i>2.12</i>			



# RAINFALL AT *Moidart-Roshven*

Lat. .... Lon. .... County of *W. Inverness*  
 Rain Gauge, by ..... Observer *Prof. Blackburn*

*Anisay - 13.*

Diameter ....			5								
Height .....			1. -								
Altitude ....			807	687							
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January... ..			7.45	7.91	9.56	5.83	7.37	9.28	6.40	6.89	
February ....			6.97	10.48	8.13	10.31	4.05	6.30	3.81	5.55	
March .....			7.38	2.98	7.94	5.08	3.44	2.88	4.39	5.86	
April .....			3.60	3.53	1.92	3.55	4.57	3.48	3.74	3.70	
May .....			4.07	3.74	4.80	3.96	4.44	1.71	5.00	3.85	
June .....			5.09	3.32	2.50	4.67	2.73	3.34	3.50	1.57	
July .....			8.66	3.13	5.91	4.96	4.56	6.26	3.57	1.33	
August .....			4.45	6.81	5.43	2.80	4.33	3.59	5.59	7.68	
September....			6.86	3.78	5.06	12.08	7.81	3.78	4.19	3.87	
October .....			3.73	8.40	10.39	6.60	5.30	5.45	6.42	3.97	
November....			10.56	11.22	8.84	4.99	8.40	7.21	5.81	6.02	
December .....			6.25	10.51	9.16	8.77	8.29	6.76	9.90	10.26	
TOTALS .....			75.07	75.81	79.64	73.60	65.29	60.04	62.32	60.55	

*Auray Church 6 miles N.W.*



# RAINFALL AT *Loch Shiel Glenaladale*

Lat. ....

Lon. ....

County of *West-Inverness*

Rain Gauge, by .....

Observer *Major Macdonald*

*Arising - 13.*

Diameter ....	5											
Height .....	1. 0				1. 2							
Altitude ....	50 ?											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	12.00	1.76	14.53	10.65	18.91	6.84	13.05	13.63	12.23	12.83	11.64	3
February ....	14.58	5.62	11.96	13.56	14.11	13.08	4.85	10.08	6.77	10.51	10.51	2
March .....	6.36	11.43	16.05	4.45	8.64	9.31	6.26	5.13	6.73	9.77	8.41	2
April .....	7.77	3.25	6.87	3.99	1.93	5.35	6.51	5.37	6.34	4.18	5.15	6
May .....	4.53	4.48	5.29	6.42	8.67	5.93	4.87	3.45	8.95	3.74	5.63	3
June .....	6.22	10.99	6.98	5.00	4.42	5.99	5.67	5.40	4.05	1.74	5.64	6
July .....	4.60	11.52	9.33	3.90	6.37	5.39	7.41	10.34	5.52	1.80	6.61	8
August .....	3.40	6.68	6.24	10.49	7.16	4.37	6.76	5.19	11.28	9.93	7.15	0
September ....	7.95	4.05	7.19	6.37	9.33	17.96	10.22	5.23	4.16	5.73	7.81	9
October .....	4.48	(7.89)	6.72	13.38	15.94	9.96	6.32	9.62	10.07	5.56	8.99	4
November ....	16.01	16.30	14.51	17.16	15.92	8.96	11.77	8.63	12.78	7.71	12.97	5
December ....	11.00	15.99	9.94	18.10	15.93	18.81	11.26	11.08	10.51	13.61	13.62	3
TOTALS ....	98.90	(99.96)	115.61	113.47	127.33	111.95	94.94	93.15	99.39	87.11	(104.18)	1

1881 Oct. 15 Gauge overflowed

Hyd Sta. No. 88-702242

NGR: NM (17) 905808

alt. 15m



# RAINFALL AT Ben Nevis A

Lat. ....

Lon. ....

County of Inverness

Rain Gauge, by .....

Observer C. L. Wragge Esq.

Lochy. L. bank - 16.

Diameter ....		8					5				
Height .....		1 -									
Altitude ....		4406					4407				
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....						7.53	12.76	17.80	16.03	17.69	64.28
February ....						16.94	2.84	13.30	8.79	14.86	39.79
March .....						12.82	5.91	5.90	7.45	12.11	31.37
April .....						4.86	4.59	7.53	6.89	3.89	22.90
May .....						8.37	6.25	3.97	12.87	4.39	27.48
June .....		# 12.31	# 8.84	5.74		6.84	7.60	7.51	3.76	1.94	20.81
July .....		15.19	9.65	8.13	9.92	7.54	10.99	14.54	7.82	4.09	37.44
August .....		12.34	11.39	12.61	8.62	7.56	10.16	8.71	12.37	18.32	49.56
September ....		6.09	10.02	9.77	11.66	20.87	13.03	10.99	6.90	7.28	38.20
October ....		# 6.41			20.24	19.04	8.16	12.19	17.21	6.62	44.18
November ....					19.10	9.80	14.57	8.99	20.60	11.48	55.64
December ....					25.29	24.33	10.98	17.58	11.77	18.04	58.37
TOTALS ....						146.50	107.84	129.01	132.46	120.71	490.02

636.52

1881 September part of Month only -

1885 Given in "Nature" 11.2.86

1883-5 taken from Trans. R. Soc. Edin. Vol. 34 p ~~xx~~ xxviii



RAINFALL AT *Bem Neris* *B*

Lat. ....

Lon. .... County of Surrey .....

Rain Gauge, by .....

Observer C. L. Mrazek

Lochy - 16.

[illegible]



# RAINFALL AT Bern Morris C.

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

*Lon.*

County of \_\_\_\_\_

Inverness

*Rain Gauge, by*

Observer

C. L. Wragge

Lochy - 16.

[illegible]



RAINFALL AT Ben Nevis D

Lat. ....

Lon. .... County of *Inverness* .....

County of Inverness

Rain Gauge, by.....

Observer C. L. Vraage

Lochy-16.

[illegible]



RAINFALL AT Benn Nevis The Lake

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

Rain Gauge, by ..... Observer C.L. Macgillivray

Lochy 16.

Diameter ....			5								
Height .....			1								
Altitude ....			1850								
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...											
February ...											
March .....											
April .....											
May .....											
June .....			# 5.75	4.26							
July .....			6.96	4.76							
August .....			6.05	9.08							
September ...			6.67	4.73							
October ....			4.29	#							
November ....											
December ....											
TOTALS ....											

1883 from J. Scot Met Soc. 1884 p 12







# RAINFALL AT *Boj Bridge, Bras Lochaber*

Lat. ....

Lon. ....

County of

*East-Inverness*

Rain Gauge, by .....

Observer

*Sergt A Fraser*

*Lochy - 16.*

Diameter ....	<i>5</i>										
Height .....	<i>1.0</i>										
Altitude ....	<i>306 T</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>3.92</i>	<i>.77</i>	<i>6.56</i>								
February ....	<i>7.47</i>	<i>2.60</i>	<i>4.74</i>								
March .....	<i>3.36</i>	<i>4.55</i>	<i>7.78</i>								
April .....	<i>4.20</i>	<i>.95</i>	<i>3.19</i>								
May .....	<i>1.89</i>	<i>3.23</i>	<i>3.11</i>								
June .....	<i>3.29</i>	<i>3.39</i>	<i>3.85</i>								
July .....	<i>3.16</i>	<i>6.06</i>	<i>4.34</i>								
August .....	<i>1.14</i>	<i>3.26</i>	<i>3.82</i>								
September ....	<i>3.96</i>	<i>1.64</i>	<i>3.45</i>								
October .....	<i>1.96</i>	<i>3.76</i>	<i>3.15</i>								
November ....	<i>8.70</i>	<i>10.92</i>									
December ....	<i>4.76</i>	<i>8.11</i>									
TOTALS ....	<i>47.81</i>	<i>49.44</i>									

*Kilmonivaig Church 4 miles W.*

*Trees 20ft high 120ft S.W.*



# RAINFALL AT *Roy Bridge Kinchillie*

Lat. ....

Lon. ....

County of

*East Inverness*

Rain Gauge, by .....

Observer

*J. Hutton Esq*

*Lochy - 16.*

Diameter ....	<i>5</i>										
Height .....	<i>1.0</i>										
Altitude ....	<i>407 T</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>4.29</i>										
February ....	<i>6.96</i>										
March .....	<i>3.56</i>										
April .....	<i>4.99</i>										
May .....	<i>1.79</i>										
June .....	<i>3.28</i>										
July .....	<i>3.53</i>										
August .....	<i>1.91</i>										
September ....	<i>3.83</i>										
October .....	<i>1.95</i>										
November ....	<i>7.95</i>										
December ....	<i>5.32</i>										
TOTALS ....	<i>49.36</i>										

*Kilmonivaig Church 4 1/2 miles W*



# RAINFALL AT Fort William Achintore

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Inverness  
 \_\_\_\_\_ Rain Gauge, by \_\_\_\_\_ Observer C. L. Macgregor

L. Linthe, L. bank - 17.

Diameter ....		5									
Height .....		1. -									
Altitude ....		25									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .											
February ....											
March .....											
April .....											
May .....											
June .....		#	3.95								
July .....		#	10.90	7.14							
August .....			6.41	4.30							
September....			2.01	5.57							
October ....		#	3.25	#							
November....											
December ....											
TOTALS ....											

Fort William Church 3/4 mile NE



# RAINFALL AT Fort William Public School

Lat. ....

Lon. ....

County of West Inverness

Rain Gauge, by .....

Observer C. Livingstone, Esq.

L. Linke - 17.

Diameter ....	5							6		5	
Height .....	0.3	1.0									
Altitude ....	36	↑									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	8.17	1.63	13.49	10.55	14.57	5.63	8.69	11.81	9.33	10.24	9.411
February ....	9.50	3.82	9.69	10.02	9.64	12.67	4.75	11.43	3.14	9.12	8.378
March .....	5.84	6.10	14.91	3.45	6.02	4.85	4.94	3.58	5.33	6.23	6.125
April .....	5.85	2.39	3.96	3.92	85	4.47	5.98	3.54	3.92	2.85	3.773
May .....	3.49	4.11	4.31	4.68	5.90	4.11	3.87	1.86	6.20	2.88	4.141
June .....	3.85	6.25	4.37	3.09	2.51	3.26	2.95	3.33	2.82	1.00	3.343
July .....	4.04	11.57	6.47	3.55	6.34	3.74	5.10	7.88	4.35	1.35	5.439
August .....	2.35	6.90	5.13	6.78	6.09	3.12	4.93	3.23	6.88	7.61	5.302
September ....	6.64	2.30	5.70	3.50	6.12	11.61	8.75	4.67	2.94	3.91	5.614
October .....	2.30	5.89	3.65	9.57	13.77	8.69	5.57	5.75	8.02	4.11	6.732
November ....	12.69	13.33	10.28	13.52	13.55	6.64	8.95	5.39	11.20	5.12	10.067
December ....	7.62	13.72	7.59	9.24	11.58	13.27	7.31	8.31	6.21	10.56	9.541
TOTALS .....	72.34	78.01	89.55	81.87	96.94	82.06	71.79	70.78	70.34	64.98	77.866

Regd. Sta. No. 88-691871

N.R. NN (27) 099736

alt. 11m



RAINFALL AT *Isle of Skye, Armadale Castle*

Lat. .... Lon. .... County of *West Inverness*

Rain Gauge, by ..... Observer *W. Bruce*

*Islands, Inner Hebrides -18.*

Diameter ....						5					
Height .....											
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January... ..						<sup>#</sup> 5.00	6.57	5.50			
February ....						7.40	4.94	7.95 <sup>#</sup>			
March .....						5.30	2.60				
April .....						2.50	4.3				
May .....						4.07	3.47				
June .....						5.15	2.76				
July .....						5.32	5.87				
August .....						2.30	6.59				
September....						10.08	3.98				
October ....						7.13	6.11				
November....						7.12	10.43				
December ....						10.43	9.90				
TOTALS ....						71.80	63.65				



RAINFALL AT Isle of Skye Oronsay

Lat. ....

Lon. ....

County of

West Inverness

Rain Gauge, by .....

Observer

Bd of Northern LightsInular - 18.

Diameter ....												
Height .....	0.6											
Altitude ....	15?											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	5.30	1.05	4.93	4.05	6.56	3.89	6.03	6.37	6.00	9.11	5.329	
February ....	5.69	1.70	4.82	4.85	6.79	7.27	3.27	5.70	3.15	5.40	4.864	
March .....	2.58	2.75	7.89	1.34	3.44	2.61	3.07	2.45	3.65	5.75	3.553	
April .....	2.93	.80	2.85	2.52	.82	3.20	2.94	1.98	1.82	1.29	2.115	
May .....	1.60	1.10	1.28	3.39	5.60	2.80	2.85	1.37	1.12	3.00	2.411	
June .....	1.70	2.76	1.53	3.13	2.63	4.26	2.52	3.63	.80	1.07	2.403	
July .....	1.80	4.01	4.83	2.79	3.01	3.31	3.62	5.73	2.40	1.93	3.343	
August .....	1.61	2.68	3.41	7.19	6.43	1.50	3.09	2.37	5.05	7.17	4.050	
September ....	3.51	.78	5.75	2.60	4.88	7.93	6.68	3.13	3.95	3.57	4.278	
October .....	.78	1.83	3.83	7.13	9.88	5.63	5.68	4.95	7.29	2.72	4.972	
November ....	4.31	6.15	7.16	7.56	9.75	4.79	7.22	4.87	6.69	4.74	6.324	
December ....	4.49	5.01	6.16	8.11	7.70	9.48	6.44	4.72	5.63	8.64	6.635	
TOTALS ....	36.30	30.62	54.44	54.66	67.49	56.67	53.38	47.27	47.55	54.39	50.277	



# RAINFALL AT Isle of Skye Broadford

Lat. ....

Lon. ....

County of West Inverness

Rain Gauge, by .....

Observer W<sup>r</sup> Logan

Insular - 18-

Diameter ....	5										
Height .....	1.0										
Altitude ....	45 $\pi$						60				
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	8.24	1.27	5.84	7.88	21.71		11.39	19.01			
February ....	10.29	2.90	6.74	10.03	17.64		9.86	16.94			
March .....	3.51	4.79	14.00	4.61	8.07		9.21	6.68			
April .....	4.53	.59	3.03	3.16	2.15		4.16	4.19			
May .....	1.97	2.50	2.06	2.83			5.75	3.67			
June .....	2.54	6.02	5.10	2.11			4.89				
July .....	2.40	6.04	6.63	4.12			6.16				
August .....	2.02	3.18	4.13	11.22			9.23				
September ....	4.34	2.13	5.98	5.16			11.85				
October .....	3.10	3.17	6.31	12.00			7.22				
November ....	7.88	11.44	8.22	16.00			18.06				
December ....	7.08	7.13	8.22	15.69			12.55				
TOTALS ....	57.90	57.16	76.26	94.81			110.33				

1880. Strath Broadford  $\frac{3}{4}$  mile W.  
house 20ft high 60ft-E  
1883 House 24. ~ 36 n E.



# RAINFALL AT *Isle of Skye, Kyle Akin*

Lat. ....

Lon. ....

County of *West Inverness*

Rain Gauge, by .....

Observer. *Ed of Northern Lights*

*Inular - 18.*

Diameter ....												
Height .....	<i>0.2</i>											
Altitude ....	<i>3?</i>											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>8.25</i>	<i>1.40</i>	<i>8.41</i>	<i>8.56</i>	<i>10.17</i>	<i>3.80</i>	<i>6.30</i>	<i>10.70</i>	<i>5.95</i>	<i>8.15</i>	<i>7.169</i>	
February ....	<i>8.40</i>	<i>3.08</i>	<i>5.78</i>	<i>6.22</i>	<i>8.40</i>	<i>8.57</i>	<i>4.60</i>	<i>10.40</i>	<i>2.35</i>	<i>5.65</i>	<i>6.345</i>	
March .....	<i>3.47</i>	<i>3.87</i>	<i>11.16</i>	<i>3.39</i>	<i>4.50</i>	<i>4.30</i>	<i>2.30</i>	<i>3.05</i>	<i>3.10</i>	<i>5.70</i>	<i>4.484</i>	
April .....	<i>4.33</i>	<i>1.03</i>	<i>3.09</i>	<i>1.92</i>	<i>.85</i>	<i>3.10</i>	<i>4.47</i>	<i>3.45</i>	<i>2.95</i>	<i>2.05</i>	<i>2.724</i>	
May .....	<i>1.80</i>	<i>2.63</i>	<i>3.60</i>	<i>2.39</i>	<i>5.80</i>	<i>2.78</i>	<i>3.70</i>	<i>3.00</i>	<i>4.95</i>	<i>3.65</i>	<i>3.425</i>	
June .....	<i>1.60</i>	<i>5.52</i>	<i>5.38</i>	<i>1.90</i>	<i>1.55</i>	<i>4.35</i>	<i>2.10</i>	<i>2.15</i>	<i>2.85</i>	<i>.90</i>	<i>2.830</i>	
July .....	<i>3.05</i>	<i>6.84</i>	<i>4.26</i>	<i>1.88</i>	<i>4.68</i>	<i>2.65</i>	<i>5.20</i>	<i>5.45</i>	<i>3.55</i>	<i>1.20</i>	<i>3.876</i>	
August .....	<i>2.10</i>	<i>4.74</i>	<i>2.70</i>	<i>5.97</i>	<i>2.98</i>	<i>2.25</i>	<i>3.90</i>	<i>5.30</i>	<i>6.45</i>	<i>7.90</i>	<i>4.429</i>	
September ....	<i>4.38</i>	<i>1.77</i>	<i>6.43</i>	<i>2.98</i>	<i>4.25</i>	<i>9.65</i>	<i>7.00</i>	<i>5.95</i>	<i>2.95</i>	<i>3.75</i>	<i>4.911</i>	
October .....	<i>2.15</i>	<i>3.56</i>	<i>4.17</i>	<i>7.98</i>	<i>9.15</i>	<i>5.93</i>	<i>6.42</i>	<i>8.45</i>	<i>8.35</i>	<i>3.50</i>	<i>5.966</i>	
November ....	<i>6.51</i>	<i>10.82</i>	<i>8.71</i>	<i>10.05</i>	<i>10.70</i>	<i>6.15</i>	<i>10.40</i>	<i>5.40</i>	<i>7.00</i>	<i>6.05</i>	<i>8.179</i>	
December ....	<i>5.40</i>	<i>10.25</i>	<i>6.67</i>	<i>7.40</i>	<i>9.11</i>	<i>11.45</i>	<i>6.30</i>	<i>5.75</i>	<i>6.35</i>	<i>9.70</i>	<i>7.838</i>	
TOTALS ....	<i>57.44</i>	<i>53.51</i>	<i>70.36</i>	<i>60.64</i>	<i>72.14</i>	<i>64.93</i>	<i>62.69</i>	<i>69.05</i>	<i>56.80</i>	<i>58.20</i>	<i>62.176</i>	



# RAINFALL AT *Isle of Skye Sligachan*

Lat. ....

Lon. ....

County of *West Inverness*

Rain Gauge, by .....

Observer *W. E. Butters*

*Inular - 18.*

Diameter ....	<i>5</i>										
Height .....	<i>1.0</i>										
Altitude ....	<i>40 T</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>6.25</i>	<i>1.12</i>	<i>18.31</i>	<i>16.02</i>	<i>16.37</i>						
February ....	<i>25.58</i>	<i>7.86</i>	<i>14.15</i>	<i>15.76</i>	<i>13.16</i>						
March .....	<i>5.19</i>	<i>7.46</i>	<i>16.35</i>	<i>7.48</i>	<i>13.04</i>						
April .....	<i>6.58</i>	<i>1.93</i>	<i>6.68</i>	<i>6.42</i>	<i>4.27</i>						
May .....	<i>6.03</i>	<i>5.80</i>	<i>7.22</i>	<i>10.89</i>	<i>10.35</i>						
June .....	<i>4.07</i>	<i>11.45</i>	<i>6.50</i>	<i>4.57</i>	<i>4.63</i>						
July .....	<i>2.15</i>	<i>13.73</i>	<i>9.42</i>	<i>3.50</i>	<i>4.74</i>						
August .....	<i>2.68</i>	<i>10.37</i>	<i>7.05</i>	<i>10.35</i>	<i>11.87</i>						
September ....	<i>6.13</i>	<i>9.24</i>	<i>8.46</i>	<i>6.07</i>	<i>15.27</i>						
October .....	<i>2.03</i>	<i>4.73</i>	<i>7.70</i>	<i>15.34</i>	<i>17.45</i>						
November ....	<i>12.42</i>	<i>22.17</i>	<i>12.87</i>	<i>25.87</i>	<i>21.51</i>						
December ....	<i>7.51</i>	<i>19.55</i>	<i>11.27</i>	<i>16.63</i>	<i>18.81</i>						
TOTALS ....	<i>86.62</i>	<i>115.41</i>	<i>125.98</i>	<i>138.90</i>	<i>151.97</i>						

*Bracadale Church 14 miles W.  
House 40 ft high 120 ft W.*



RAINFALL AT *Sligachan*

Lat. ....

Lon. ....

County of *West Inverness*

Rain Gauge, by .....

Observer *M<sup>rs</sup> Butters*

*Insular -18.*

*Monthly*

Diameter ....	<i>5</i>										
Height .....											
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .			<i>18.00</i>	<i>15.66</i>	<i>16.24</i>						
February . . . .	<i>23.15</i>		<i>14.00</i>	<i>14.92</i>	<i>13.49</i>						
March . . . . .	<i>5.17</i>	<i>7.45</i>	<i>16.00</i>	<i>12.97</i>							
April . . . . .		<i>2.10</i>	<i>6.50</i>	<i>6.25</i>	<i>4.19</i>						
May . . . . .		<i>5.77</i>	<i>7.00</i>	<i>10.10</i>	<i>10.02</i>						
June . . . . .		<i>11.50</i>	<i>6.39</i>	<i>4.49</i>	<i>4.55</i>						
July . . . . .		<i>13.53</i>	<i>9.20</i>	<i>3.41</i>	<i>4.68</i>						
August . . . . .		<i>10.29</i>	<i>6.81</i>	<i>10.10</i>	<i>11.70</i>						
September . . . .		<i>9.03</i>	<i>8.40</i>	<i>6.01</i>	<i>15.20</i>						
October . . . . .		<i>4.69</i>	<i>7.64</i>	<i>15.19</i>	<i>17.00</i>						
November . . . .		<i>22.06</i>	<i>12.49</i>	<i>25.80</i>	<i>21.44</i>						
December . . . .		<i>19.45</i>	<i>11.00</i>	<i>16.24</i>							
TOTALS . . . .			<i>123.43</i>	<i>141.14</i>							



RAINFALL AT Isle of Skye, Raasay House

Lat..... Lon..... County of W. Inverness

Insular -18. Rain Gauge, by..... Observer Mr. Rainy

Diameter ....											
Height .....											
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....			18.00	12.00	19.80	10.50					
February ....			13.10	13.00	15.10	16.70					
March .....			15.20	12.00	11.90	9.90					
April .....			8.60	4.50	1.40	4.10					
May .....			7.70	7.40	11.90	8.10					
June .....			9.40	3.50	5.00	5.80					
July .....			11.80	4.90	6.60	7.40					
August .....			8.40	12.50	12.00	3.70					
September....			11.30	8.10	11.80	23.00					
October .....			9.80	17.20	19.90	14.20					
November ....			17.00	20.70	21.80	8.80					
December ....			12.50	15.20	16.30	19.00					
TOTALS .....			142.80	131.00	153.50	131.20					

MET.O.8 RAINMASTER  
RETROSPECTIVE SITE REVIEW  
HYD STN. NUMBER **720851**

NGR: **N4 (18) 548366**  
AAT: **80** ft = **24** metres. Date of review: **10.1.1979**







RAINFALL AT *Isle of Skye, Portree House*  
*West-Inverness*  
Lat. .... Lon. .... County of *West-Inverness*  
Rain Gauge, by ..... Observer *J. Spiers, Esq.*

*Insular - 18.*

Diameter ....	<i>5</i>											
Height .....	<i>1. 0</i>											
Altitude ....	<i>120?</i>											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ... ..	<i>4.37</i>			<i>3.58</i>								
February ... ..	<i>7.52</i>			<i>5.35</i>								
March .....	<i>6.14</i>			<i>3.38</i>								
April .....				<i>1.20</i>								
May .....	<i>2.42</i>			<i>3.07</i>								
June .....	<i>5.65</i>			<i>1.57</i>								
July .....				<i>3.96</i>								
August .....	<i>1.16</i>			<i>5.14</i>								
September ... ..	<i>3.31</i>			<i>3.35</i>								
October .....				<i>6.25</i>								
November ... ..				<i>6.90</i>								
December .....												
TOTALS ....												

*Portree Church 1/2 mile S.E*



# RAINFALL AT *Isle of Skye Dunvegan*

Lat. ....

Lon. ....

County of *West-Inverness*

Rain Gauge, by .....

Observer *W<sup>H</sup> D Macaskill*

*Gauger - 18.*

Diameter ....		5		4							
Height .....		1. 0		6							
Altitude ....		24									
• Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	7.34	1.42	8.40	4.05	6.55	7.44					
February ...	9.09	5.87	6.00	5.35		8.32					
March .....	2.65	5.19	12.00	2.70	5.75	3.75					
April .....	2.71	2.26	3.95	2.30		2.12					
May .....	2.35	3.15	2.95	6.25		3.10					
June .....	2.20	5.90	3.10	2.55		7.97					
July .....		7.00	6.30	3.95		5.16					
August .....	(10.00)	6.75	4.20	9.65		3.88					
September ...		4.00	8.50	4.15		11.65					
October ....	4.10	4.95	3.35	4.80		7.04					
November ....	9.55	8.10	9.05	7.25		6.13					
December ....	6.80	7.30	8.10	9.15		8.12					
TOTALS ...	(56.79)	61.89	75.90	62.15	(10.00)	74.68	N.R.				

1881. *Duirinish*  $\frac{1}{4}$  mile N.E.

1883 " 1000 yds N.

House 30 ft high 50 yds N.

July - Sep 1880 & 1884 roughly estimated from Rona



RAINFALL AT Pona Lighthouse

Lat. ....

Lon. ....

County of

West-Inverness

Rain Gauge, by .....

Observers

Bd of Northern LightsInsular - 18.

Diameter ....											
Height .....											
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	4.80	2.00	7.80	3.70	7.70	2.30	3.15	6.49	4.46	3.15	4.555
February ....	8.20	2.40	4.50	4.30	5.30	5.22	2.85	3.89	1.65	5.61	4.392
March .....	2.00	4.20	8.90	3.60	1.90	2.91	1.87	.51	1.58	3.84	3.131
April .....	5.00	2.10	4.30	1.50	.70	2.12	1.29	1.07	.95	.73	1.976
May .....	1.50	2.90	3.60	4.00	3.70	1.21	.90	.64	2.16	1.92	2.253
June .....	1.70	6.60	4.00	.30	3.30	2.75	.73	.92	1.35	.11	2.176
July .....	1.30	5.30	6.30	2.20	2.70	1.35	1.43	3.10	5.90	.11	2.989
August .....	1.40	5.80	4.20	5.30	4.40	.75	1.24	3.26	4.50	3.70	3.455
September ....	4.80	3.50	7.40	2.12	3.30	6.88	2.60	2.50	1.75	1.80	3.665
October .....	3.20	2.20	5.80	8.70	8.50	2.40	3.38	2.85	6.04	.95	4.402
November ....	5.70	9.00	7.10	7.70	7.14	2.70	3.29	1.90	6.10	2.83	5.346
December ....	3.30	6.70	5.90	7.90	4.42	5.97	3.70	2.75	2.27	5.25	4.816
TOTALS ....	42.90	52.70	69.80	51.32	53.06	36.76	26.43	29.88	38.71	30.00	43.156

METHODS REVISOR  
RETROSPECTIVE SITE REVIEW

720606

NGR: N9(18) 634164ALT: 212 ft = 65 metres. Date of review: 10.1.1979



RAINFALL AT Barrahead

Lat. ....

Lon. .... County of West Inverness

Rain Gauge, by ....

Observer Ed of Northern Lights

Isular - Outer Hebrides - 19.

Diameter ....											
Height .....	3.0										
Altitude ....	640?										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.07	.35	3.50	3.22	6.32	2.67	2.18	3.83	3.11	3.35	3.060
February ....	3.10	3.21	1.95	2.80	2.36	4.03	1.96	2.31	.56	2.76	2.504
March .....	2.45	2.39	2.15	1.54	5.56	1.05	1.82	1.87	.85	1.07	2.075
April .....	2.15	1.25	2.28	1.69	.65	1.75	1.87	1.26	.79	1.30	1.499
May .....	1.05	1.29	2.09	1.36	3.41	1.47	1.39	.76	1.70	2.99	1.751
June .....	1.63	2.41	3.07	2.43	.77	2.22	1.24	1.83	2.54	.88	1.902
July .....	1.44	4.06	2.75	1.86	2.70	2.24	2.01	2.40	1.96	1.64	2.306
August .....	1.22	2.17	1.93	5.42	3.78	.40	1.98	2.50	2.93	3.14	2.547
September ....	3.55	2.10	2.83	2.29	2.05	3.55	2.29	1.51	1.90	1.88	2.395
October .....	.69	2.37	4.05	2.43	3.32	2.30	2.46	1.55	3.15	2.25	2.457
November ....	2.85	3.41	4.37	2.90	3.35	1.46	3.60	2.78	2.62	1.96	2.930
December ....	3.27	4.18	3.35	3.37	3.63	2.48	2.76	2.80	3.95	3.22	3.301
TOTALS ....	25.47	29.19	34.32	31.31	37.90	25.62	25.56	25.40	26.06	26.44	28.727



# RAINFALL AT S. Uist, Usherish

Lat. ....

Lon. ....

County of West-Inverness

Rain Gauge, by .....

Observer Bd of Northern Lights

Inches - 19.

Diameter ....											
Height .....	0.4										
Altitude ....	157?										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	4.10	1.25	7.75	2.50	14.20	8.60	6.80	13.00	9.70	9.50	7.740
February ....	5.95	4.95	4.60	9.00	8.70	9.20	2.30	8.20	5.60	10.40	6.890
March .....	3.00	5.20	6.40	1.85	11.90	4.10	4.30	5.20	6.20	6.90	5.505
April .....	3.30	1.20	3.55	2.20	1.60	4.10	3.20	5.80	5.30	4.00	3.425
May .....	2.45	2.45	2.65	2.60	9.50	4.85	2.50	3.20	5.80	5.90	4.190
June .....	1.85	3.65	2.35	3.70	2.70	4.30	4.10	3.40	4.30	2.40	3.275
July .....	1.10	7.20	6.85	3.50	6.10	6.10	4.90	5.50	4.00	1.10	4.635
August .....	1.80	3.45	4.00	10.10	7.60	1.00	4.70	3.60	6.90	9.00	5.215
September ....	4.90	3.00	6.75	3.50	6.40	9.10	5.80	5.60	6.50	6.50	5.805
October .....	1.60	3.05	3.75	6.30	14.80	6.30	5.30	5.20	12.30	6.30	6.490
November ....	5.95	6.90	7.15	10.50	11.80	6.10	9.50	9.20	10.90	7.10	8.510
December ....	6.35	4.40	5.00	11.20	14.00	7.60	11.00	10.50	10.90	12.70	9.365
TOTALS ....	42.35	46.70	60.80	66.95	109.30	71.35	64.40	78.40	88.40	81.80	71.045 ?

1884 Too large, not printed.



# RAINFALL AT *S. Whit. Ardkeneth*

Lat. .... Lon. .... County of *N. Ireland*

Rain Gauge, by .... Observer *Rev. D. MacCall*

*Insular - 19.*

Diameter ....						5					
Height .....						1.0					
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ... ..						4.53	3.94	7.54			
February ....						5.57	2.76	4.48			
March .....						2.29	2.49	1.64			
April .....						1.89	2.39	2.14	2.38		
May .....						3.19	1.25	1.40	2.46		
June .....						2.85	1.94	2.01	1.80		
July .....						3.17	2.70	2.95	2.92		
August .....						.98	2.65	2.13	3.00		
September ....						4.98	4.33	2.94	2.79		
October ....						4.59	4.20				
November ....						2.59	5.34				
December ....						4.52	5.98				
TOTALS ....						41.15	39.97				

*Howmore Church 7 miles S*  
*Church & House 21 ft. high 100 yds S.*



# RAINFALL AT N. Hill - Monach

Lat. ....

Lon. .... County of West Inverness

Rain Gauge, by .....

Observer Ed of Northern Lights

Inular - 19.

Diameter ....											
Height .....											
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	3.60	2.30	4.70	5.70	9.80	(4.00)	(4.08)	(11.58)	4.12	6.29	
February ....	6.00	4.40	3.50	6.00	4.60	(5.34)	(2.60)	(4.80)	1.94	3.64	
March .....	1.60	5.60	5.80	2.40	7.40	(2.76)	(3.20)	(1.45)	2.10	3.12	
April .....	3.10	.90	2.60	2.30	1.50	(1.55)	(3.52)	(1.30)	2.70	2.62	
May .....	2.10	2.30	2.50	3.10	5.70	(2.84)	(1.26)	(1.25)	2.75	2.77	
June .....	2.40	3.60	3.90	2.80	2.50	(3.66)	(1.31)	(2.64)	2.60	2.12	
July .....	1.30	4.60	4.20	2.60	3.10	(5.05)	(3.89)	3.73	2.22	1.06	
August .....	.80	4.50	4.30	7.00	3.30	(1.52)	(2.81)	2.85	3.46	5.30	
September ....	4.60	3.60	4.80	3.20	3.20	(1.83)	(6.69)	4.18	2.67	2.67	
October .....	2.70	3.20	4.10	5.30	6.70	(5.72)	(4.88)	4.44	6.82	2.18	
November ....	5.70	6.30	6.60	6.20	10.40	(2.66)	(5.88)	4.66	5.92	3.81	
December ....	4.50	5.50	6.70	7.60	14.00	(5.08)	(6.74)	4.98	5.90	5.41	
TOTALS ....	38.40	46.80	53.70	54.20	72.40	(48.01)	(46.86)	(49.56)	43.20	40.99	(49.412)

1885 - June 1887 interpolated from Loch Maddy

Jan 1885 - June 1887 = Loch Maddy



# RAINFALL AT *N. List, Loch Maddy*

Lat. ....

Lon. ....

County of *West Inverness*

Rain Gauge, by .....

Observer *Mr. G. Mc Kay*

*Insular - 19.*

Diameter ....					<i>5</i>						
Height .....					<i>1.0</i>						
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	3.60	2.30	4.70	5.70	5.85	4.00	4.08	11.58	4.58	4.73	5.112
February ....	6.00	4.40	3.50	6.00	3.64	5.34	2.60	4.80	.60	3.24	4.012
March .....	1.60	5.60	5.80	2.40	4.56	2.76	3.20	1.45	1.94	3.33	3.264
April .....	3.10	.90	2.60	2.30	1.61	1.55	3.52	3.00	2.81	1.79	2.318
May .....	2.10	2.30	2.50	3.10	4.97	2.84	1.26	1.25	3.13	2.40	2.585
June .....	2.40	3.60	3.90	2.80	1.47	3.66	1.31	2.64	2.53	1.35	2.566
July ..	1.30	4.60	4.20	2.60	3.61	5.05	3.89	3.67	1.21	.72	3.085
August .....	.80	4.50	4.30	7.00	3.95	1.52	2.81	2.31	3.36	5.33	3.588
September....	4.60	3.60	4.80	3.20	4.74	7.83	6.69	2.59	2.15	4.07	4.427
October ....	2.70	3.20	4.10	5.30	5.35	5.72	4.88	3.92	6.39	3.82	4.538
November....	5.70	6.30	6.60	6.20	6.56	2.66	5.88	3.85	7.58	3.12	5.445
December....	4.50	5.50	6.70	7.60	5.67	5.08	6.74	4.44	5.40	7.78	5.941
TOTALS ....	(38.40)	(46.80)	(53.70)	(54.20)	51.98	48.01	46.86	45.50	41.68	41.68	46.881

1884

*Innisgarry Church 6 miles W.*

*House 12ft high 150ft. W.*

1880 - 1883 = Monach for purpose of average 22. x .09







# RAINFALL AT Harris, Island Glass

Lat. ....

Lon. .... County of West Inverness

Rain Gauge, by .....

Observer Ed. of Northern Lights

Insular - 19.

Diameter ....											
Height .....	<u>3. 4</u>										
Altitude ....	<u>50?</u>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<u>4.00</u>	<u>1.06</u>	<u>5.41</u>	<u>3.67</u>	<u>6.55</u>	<u>3.32</u>	<u>4.11</u>	<u>6.70</u>	<u>4.35</u>	<u>4.59</u>	<u>4.376</u>
February ....	<u>6.04</u>	<u>2.61</u>	<u>4.96</u>	<u>4.91</u>	<u>4.63</u>	<u>4.06</u>	<u>2.63</u>	<u>5.33</u>	<u>2.17</u>	<u>4.49</u>	<u>4.183</u>
March .....	<u>1.89</u>	<u>3.19</u>	<u>6.20</u>	<u>1.90</u>	<u>3.63</u>	<u>3.32</u>	<u>2.89</u>	<u>1.70</u>	<u>2.25</u>	<u>3.43</u>	<u>3.040</u>
April .....	<u>3.42</u>	<u>1.62</u>	<u>2.11</u>	<u>1.08</u>	<u>.96</u>	<u>2.03</u>	<u>1.95</u>	<u>3.55</u>	<u>2.77</u>	<u>2.18</u>	<u>2.167</u>
May .....	<u>2.05</u>	<u>2.66</u>	<u>1.93</u>	<u>2.25</u>	<u>4.33</u>	<u>2.12</u>	<u>1.13</u>	<u>1.85</u>	<u>3.60</u>	<u>1.40</u>	<u>2.332</u>
June .....	<u>2.01</u>	<u>3.27</u>	<u>2.43</u>	<u>1.75</u>	<u>2.30</u>	<u>4.31</u>	<u>1.84</u>	<u>2.26</u>	<u>1.79</u>	<u>1.18</u>	<u>2.314</u>
July .....	<u>1.74</u>	<u>5.00</u>	<u>3.83</u>	<u>1.57</u>	<u>3.41</u>	<u>4.59</u>	<u>2.46</u>	<u>3.83</u>	<u>1.40</u>	<u>.45</u>	<u>2.828</u>
August .....	<u>1.02</u>	<u>3.39</u>	<u>2.32</u>	<u>4.52</u>	<u>4.50</u>	<u>1.12</u>	<u>3.78</u>	<u>2.39</u>	<u>4.75</u>	<u>4.00</u>	<u>3.179</u>
September ....	<u>4.59</u>	<u>2.38</u>	<u>4.44</u>	<u>2.17</u>	<u>2.89</u>	<u>7.21</u>	<u>3.67</u>	<u>3.12</u>	<u>2.55</u>	<u>2.27</u>	<u>3.529</u>
October .....	<u>2.94</u>	<u>2.72</u>	<u>2.66</u>	<u>4.44</u>	<u>5.06</u>	<u>5.13</u>	<u>3.31</u>	<u>4.60</u>	<u>6.84</u>	<u>2.34</u>	<u>4.004</u>
November ....	<u>5.61</u>	<u>6.21</u>	<u>4.65</u>	<u>6.96</u>	<u>6.43</u>	<u>3.25</u>	<u>6.23</u>	<u>4.21</u>	<u>6.50</u>	<u>2.80</u>	<u>5.285</u>
December ....	<u>5.11</u>	<u>7.81</u>	<u>4.57</u>	<u>6.03</u>	<u>5.13</u>	<u>6.38</u>	<u>5.48</u>	<u>3.98</u>	<u>2.52</u>	<u>5.76</u>	<u>5.277</u>
TOTALS ....	<u>40.42</u>	<u>41.92</u>	<u>45.51</u>	<u>44.25</u>	<u>49.82</u>	<u>46.84</u>	<u>39.48</u>	<u>43.52</u>	<u>41.49</u>	<u>34.89</u>	<u>42.514</u>







# RAINFALL AT Strathconan [Beaully]

Lat. ....

Lon. ....

County of West-Loth

Rain Gauge, by .....

Observer W. D. McIver

Cromarty Fm - 11.

Diameter ....	5											
Height .....	1.0											
Altitude ....	450											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	4.87	.30	7.37	5.07	10.33	2.54	6.96	4.99	2.95	3.43	4.881	
February ....	5.37	3.91	6.71	5.36	5.21	5.74	2.02	4.57	2.43	5.75	4.707	
March .....	3.30	5.55	10.70	2.62	3.96	4.19	2.38	2.60	4.06	3.86	4.322	
April .....	2.62	2.22	4.97	2.31	1.27	1.82	3.18	2.25	4.35	3.10	2.809	
May .....	2.71	4.10	2.55	2.22	4.19	5.03	2.41	1.90	4.17	1.67	3.095	
June .....	2.40	2.23	3.61	1.73	1.99	1.93	4.04	1.03	4.82	1.07	2.485	
July .....	5.07	4.81	3.65	3.77	3.82	.68	4.20	3.17	3.07	2.81	3.505	
August .....	1.26	3.15	2.73	5.99	2.81	1.63	1.69	3.06	3.30	7.38	3.300	
September ....	2.09	1.93	3.65	5.75	3.44	6.63	3.52	6.20	.82	2.73	3.676	
October .....	3.51	5.98	.91	6.29	6.78	9.05	4.93	2.37	5.44	1.25	4.651	
November ....	6.98	7.17	7.89	9.15	7.71	4.97	5.21	4.18	8.74	3.56	6.556	
December ....	6.36	5.10	4.19	7.99	9.00	7.01	7.09	5.36	2.59	3.06	5.775	
TOTALS ....	46.54	46.45	58.93	58.25	60.51	57.22	47.63	41.68	46.74	39.67	49.762	

1880. Carnoch

1 mile

W.

Cottage 18ft high 65ft N.



# RAINFALL AT *Achonachie Lodge [Beaully]*

Lat. ....

Lon. ....

County of

*East Ross*

Rain Gauge, by

Observer

*W. C. Preston Esq.*

*Cromarty 4.*

Diameter ....	5										
Height .....	1. 0										
Altitude ....	125B										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.93	.14	4.16	3.41	7.03	2.21	4.22	3.67	2.09	1.93	3.179
February ....	2.87	2.78	3.52	3.34	3.17	3.74	1.64	3.30	1.22	3.79	2.937
March .....	1.59	2.60	5.36	1.50	2.75	2.11	1.28	1.35	2.85	2.22	2.361
April .....	1.58	1.50	2.62	1.49	.64	.86	1.55	1.80	2.00	2.14	1.618
May .....	1.07	3.70	1.51	1.01	3.11	3.18	2.13	.66	2.70	1.64	2.071
June .....	2.29	2.09	2.82	1.60	1.31	1.07	1.76	.53	1.91	.78	1.616
July .....	5.14	4.45	4.64	4.19	2.79	.65	2.93	2.37	5.04	1.30	3.350
August .....	.56	1.82	1.83	4.11	1.95	1.16	1.19	2.80	2.28	4.92	2.262
September ....	1.86	1.96	3.27	3.31	1.89	4.39	3.07	2.96	.60	2.69	2.600
October .....	1.86	3.25	1.30	3.92	3.69	3.71	1.99	2.83	3.25	3.38	2.918
November ....	4.78	5.08	4.51	5.22	4.25	1.48	4.31	2.85	6.06	2.63	4.117
December ....	2.88	3.01	3.84	4.75	5.00	3.88	3.82	3.05	1.46	2.38	3.407
TOTALS ....	29.41	32.38	39.38	37.85	37.58	28.44	29.89	28.17	31.46	29.80	32.436

*Urray Church 4½ miles S.E.  
Hills 600ft high 900ft N  
Birch trees 450ft S*



# RAINFALL AT *Strathpeffer Spa*

Lat. .... Lon. .... County of *East Ross*

Rain Gauge, by ..... Observer *Dr Fox*

*Cromarty - 4.*

Diameter . . .						5					
Height . . . . .						- 10					
Altitude . . . .						200					
Year . . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .						1.75	5.10	2.97	2.22	1.51	
February . . . .						2.94	1.79	2.94	1.51	3.67	
March . . . . .						1.59	1.53	2.02	2.70	1.78	
April . . . . .						.80	1.74	1.82	2.35	2.75	
May . . . . .						2.76	2.85	.76	1.94	1.53	
June . . . . .						1.40	1.78	.47	2.43	.49	
July . . . . .						.83	2.24	2.25	5.06	1.22	
August . . . . .						.93	1.06	2.97	1.71	4.43	
September . . . .						4.06	2.54	2.41	.78	1.83	
October . . . . .						3.83	2.24	2.33	2.65	2.45	
November . . . .						1.42	3.78	2.26	5.19	3.96	
December . . . .						4.53	4.51	3.16	1.63	2.72	
TOTALS . . . .						26.84	31.16	26.36	30.17	28.34	



RAINFALL AT Auchnasheen H.R.L.

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

Rain Gauge, by ..... Observer The Station Agent

County 14.

Diameter ....			5								
Height .....			10								
Altitude ....			490								
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January... ..			6.31	3.32							
February ....			4.28	3.85							
March .....			7.89	.66							
April .....			3.04								
May .....			1.52								
June .....			2.66								
July .....			4.54								
August .....			3.37								
September....			3.88								
October ....			2.98								
November....			3.69								
December ....			4.72								
TOTALS ....			48.88								

looks low 15. 1.23



# RAINFALL AT ~~Cox~~ Dingwall H.P.

Lat. ....

Lon. ....

County of

East Ross

Rain Gauge, by

Observer

The Station Agent

Cromarty - 4.

Diameter ....		5									
Height .....		1.1								3.0	
Altitude ....		3								15	
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January...	2.03	2.40	2.50	1.57	.67	1.69	3.48	1.57	.82	.98	
February...	2.22	.85	2.46	2.01	1.12	2.58	.57	1.22	1.13	2.13	
March .....	.89	2.70	4.21	.93	.88	1.73	.51	3.02	.53	.84	
April .....	1.34	.34	1.58	.11	.15	.96	.78	1.47	.72	.90	
May .....	.73	1.89	1.80	.19	.44	1.53	.69	.49	.43	1.58	
June .....	2.41	1.86	.63	.40	.62	.54	1.60	.67	1.16	.29	
July .....	3.93	4.34	3.72	4.79	.41	.34	.97	3.13	1.80	.80	
August .....	.91	2.19	.96	3.70	.58	.90	.94	2.52	.51	3.41	
September...	1.47	1.98	4.43	2.59	.33	2.19	1.36	3.92	.87	.57	
October ....	1.62	2.83	1.41	.78	1.07	2.36	1.37	2.25	.90	.55	
November...		2.81	3.74	1.18	1.19	1.98	1.48	2.01	1.42	1.25	
December ....		1.83	5.90	1.42	1.28	1.63	2.05	2.51	1.18	1.21	
TOTALS ....		26.02	33.34	19.67		19.43	15.80	25.08	11.47	14.51	

1882 Record imperfect

1883 " "

1884 Amounts much too small.

1886 " " " "

1889 Dingwall Church 1/3 mile W  
Cabin 25 ft high 30 ft N



# RAINFALL AT Cromarty

Lat. ....

Lon. ....

County of East Ross

Rain Gauge, by .....

Observer Bd of Northern Lights

Cromarty - Lt.

Diameter ....											
Height .....	3.4										
Altitude ....	28?										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.70		2.12	1.99	3.74	1.34	1.92	1.53	.35	.35	
February ....	2.00	1.87	2.16	1.41	1.35	1.87	.74	1.06	.22	.83	
March .....	2.05	.70	2.38	.65	.92	.61	.47	.28	.91	.62	
April .....	1.47	.34	1.40	1.00	.54	.69	.73	1.19	1.35	1.77	
May .....	.27	2.14	.75	.81	1.42	1.02	1.73	.21	.87	.68	
June .....	1.25	.80	2.45	1.35	.29	1.10	.34	.00	.79	.64	
July .....	3.99	2.55	2.29	2.55	1.42	.73	1.51	1.04	1.72	.45	
August .....	.38	2.07	1.52	2.82	.93	1.26	.61	.39	.83	1.85	
September ....	1.72	1.58	2.99	2.66	.35	2.88	1.20	.69	.84	.59	
October .....	1.87	1.88	1.53	2.06	1.82	1.42	1.50	2.02	1.22	2.13	
November ....	2.06	2.66	2.64	2.66	1.85	.75	1.63	1.61	.99	.92	
December ....	3.30	1.09	3.61	2.27	1.73	1.50	1.75	.98	.70	1.00	
TOTALS ....	22.06		25.84	22.23	16.36	15.17	14.13	11.00	10.79	11.83	



# RAINFALL AT Invergordon Castle

Lat. ....

Lon. ....

County of East Ross

Rain Gauge, by .....

Observer B. B. E. McLeod, Esq.

Cromarty — 4 .

Diameter ....	5										
Height .....	1.0										
Altitude ....	25?										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.63	.81	2.45	2.08	4.88						
February ....	1.29	2.55	2.38	1.57	2.29						
March .....	1.14	1.42	5.10	2.11	1.21						
April .....	1.38	1.17	2.57	.99	.50						
May .....	.69	2.64	1.39	1.08	2.57						
June .....	2.62	2.11	2.99	1.51	.92						
July .....	5.09	4.25	3.10	4.27	2.52						
August .....	.41	2.65	1.47	4.48	2.30						
September ....	1.91	1.81	2.69	3.03	.78						
October .....	1.83	2.96	1.39	2.55	3.19						
November ....	3.66	3.15	2.73	3.06	3.13						
December ....	2.84	1.79	4.24	2.52	2.76						
TOTALS ....	25.49	27.31	32.50	29.25	27.05						

1883. Rozhin Ch. 1m. Vt.



# RAINFALL AT Alness Ardross Castle

Lat. ....

Lon. ....

County of East Ross

Rain Gauge, by .....

Observer M. R. Massie

Cromarty - 4.

Diameter ....	5										
Height .....	1.0										
Altitude ....	450 ft										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.21	1.24	3.18	2.83	6.97	3.13	5.39	2.89	2.78	1.38	3.200
February ....	3.27	4.28	3.37	2.68	2.77	3.42	1.34	2.78	1.60	4.34	2.985
March .....	79	2.37	6.34	2.55	2.55	2.84	2.07	1.72	3.44	1.42	2.609
April .....	2.35	1.08	4.51	1.49	1.12	1.48	1.22	2.08	2.42	3.47	2.122
May .....	90	3.71	2.49	1.42	3.77	4.97	4.29	70	2.32	1.31	2.588
June .....	4.63	3.22	3.38	2.01	1.47	1.18	1.21	64	3.14	1.24	2.212
July .....	5.86	5.48	4.23	3.65	3.19	1.36	1.48	2.37	5.56	1.50	3.468
August .....	54	3.22	2.23	3.64	2.25	1.32	63	3.01	1.94	6.01	2.479
September ....	1.74	2.54	3.88	6.12	1.00	3.57	3.03	2.54	1.52	1.50	2.744
October .....	2.98	3.90	1.94	3.65	5.52	3.61	3.24	2.77	4.47	3.95	3.603
November ....	4.48	3.62	4.30	3.92	3.43	2.02	4.00	2.42	5.91	2.54	3.664
December ....	3.68	2.54	7.02	4.67	4.61	3.85	4.10	3.05	58	2.27	3.637
TOTALS ....	33.43	37.20	46.87	38.63	38.65	32.75	32.00	26.97	35.68	30.93	35.911

1880. Alness

5½ miles

S.

esp. at 5ft high 10ft S.



# RAINFALL AT *Fain Fearn Lower Pitkerrie*

Lat. ....

Lon. ....

County of *East-Loth*

Rain Gauge, by .....

Observer *R. Gordon, Esq.*

*Baromet. 71 1/2 - 5.*

Diameter ....	5											
Height .....	1.0											
Altitude ....	58 $\pi$		95 $\pi$							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	1.55	1.72	1.175	1
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	1
July .....	1.85	3.44	2.28	5.03	1.08	.91	1.86	2.16	3.38	1.27	2.326	1
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	2.81	.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	1
TOTALS ....	18.28	24.99	(26.14)	23.02	17.49	19.94	18.39	17.99	22.92	19.49	(20.865)	?

1828  
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 (Ardull)*

Lat. .... Lon. .... County of *Ross*

Rain Gauge, by ..... Observer *Miss H. Hope Douglas*

*500000 - 5.*

Diameter ....				<i>5</i>							
Height .....				<i>1.2</i>							
Altitude ....				<i>60</i>	<i>65</i>						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....				<i>1.34</i>	<i>3.84</i>	<i>1.54</i>	<i>2.14</i>	<i>1.38</i>	<i>1.11</i>	<i>.70</i>	
February....				<i>1.72</i>	<i>.83</i>	<i>2.21</i>	<i>1.08</i>	<i>1.00</i>	<i>1.45</i>	<i>2.30</i>	
March .....				<i>.80</i>	<i>1.10</i>	<i>1.15</i>	<i>.76</i>	<i>.95</i>	<i>1.95</i>	<i>1.38</i>	
April .....				<i>.81</i>	<i>.40</i>	<i>.98</i>	<i>.80</i>	<i>1.00</i>	<i>1.46</i>	<i>1.96</i>	
May .....				<i>1.01</i>	<i>1.60</i>	<i>2.75</i>	<i>2.52</i>	<i>.45</i>	<i>1.43</i>	<i>.50</i>	
June .....				<i>1.17</i>	<i>.99</i>	<i>2.76</i>	<i>.95</i>	<i>.45</i>	<i>2.08</i>	<i>.78</i>	
July .....				<i>4.62</i>	<i>1.25</i>	<i>.90</i>	<i>1.84</i>	<i>2.83</i>	<i>2.41</i>	<i>1.66</i>	
August .....				<i>3.00</i>	<i>1.75</i>	<i>1.20</i>	<i>1.00</i>	<i>1.88</i>	<i>2.00</i>	<i>3.10</i>	
September....				<i>2.58</i>	<i>.50</i>	<i>3.00</i>	<i>2.16</i>	<i>1.97</i>	<i>1.00</i>	<i>1.08</i>	
October .....				<i>2.10</i>	<i>2.43</i>	<i>1.75</i>	<i>1.52</i>	<i>1.68</i>	<i>3.24</i>	<i>2.89</i>	
November....				<i>3.77</i>	<i>2.63</i>	<i>.96</i>	<i>1.70</i>	<i>1.75</i>	<i>2.00</i>	<i>1.04</i>	
December ....				<i>2.75</i>	<i>1.50</i>	<i>1.58</i>	<i>2.50</i>		<i>1.57</i>	<i>.48</i>	
TOTALS ....				<i>25.67</i>	<i>18.82</i>	<i>20.78</i>	<i>18.97</i>		<i>21.70</i>	<i>17.87</i>	

*1885 Gauge moved two yards N  
Tarbet Church 2½ miles E.  
1887 Gauge Broken in December*



# RAINFALL AT Tain Springfield

Lat. ....

Lon. ....

County of East Ross

Rain Gauge, by .....

Observer W. E. Mc Lardy

Donnell - 5.

Diameter ....	5										
Height .....	3.6										
Altitude ....	80										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.61	.47	2.55	1.70	4.05	1.48	2.77	2.13			
February ....	.84	2.87	2.02	1.13	1.04	2.42	1.24	1.40			
March .....	.91	2.12	3.30	1.41	1.35	1.43	1.05	.85			
April .....	1.46	1.14	2.26	1.03	.47	.68	.98	1.47			
May .....	.56	2.29	1.78	1.44	2.03	2.43	2.64	.52			
June .....	1.80	2.27	3.39	1.25	.92	1.32	.64	.46			
July .....	3.10	4.05	3.58	4.32	1.93	1.11	2.04	2.76			
August .....	.57	1.78	1.54	3.56	2.20	1.05	1.08	1.66			
September ....	1.86	1.91	3.56	2.90	.55	2.94	2.14	1.57			
October .....	2.02	2.58	1.43	2.32	2.55	1.92	1.24	#			
November ....	2.38	2.50	2.48	2.56	3.20	.90	2.63				
December ....	2.10	1.49	3.62	3.04	2.07	1.45	2.02				
TOTALS ....	19.21	25.47	31.51	26.63	22.36	19.13	20.47				

Tain Church  $\frac{3}{4}$  mile E by S.



# RAINFALL AT Edderton

Lat. ....

Lon. ....

County of Ross N.B.

Rain Gauge, by .....

Observer W. E. Cattley, Esq.

Stormoch - 5.

Diameter ....			5								
Height .....			3.6		4.6	3.0					
Altitude ....			100?		120B						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...			2.44	2.19	4.51	1.78	3.21				
February ....			2.31	1.61	1.71	2.89	1.38				
March .....			3.48	1.58	1.96	1.65	1.00				
April .....			3.06	1.20	.66	.83	1.15				
May .....			2.27	1.25	2.59	4.20	3.02				
June .....			4.00	1.52	1.26	1.59	.91				
July .....			4.30	4.71	2.25	1.06	2.29				
August .....			1.96	3.63	2.74	1.87	.82				
September....			3.87	3.22	.98	2.96	2.07				
October ....			1.94	2.62	3.19	2.97	1.73				
November....			3.15	2.55	3.70	1.26	2.65				
December ....			6.34	3.29	2.91	2.54	2.59				
TOTALS ....			39.12	29.37	28.46	25.60	22.82				

Edderton Church 1 mile N.W.



# RAINFALL AT *Tarbetness*

Lat. ....

Lon. ....

County of *East Ross*

Rain Gauge, by .....

Observer *Bd. of Northern Lights*

*Donnoch Firth - S.*

Diameter ....											
Height .....	<i>3.4</i>										
Altitude ....	<i>61?</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	<i>.61</i>	<i>.38</i>	<i>1.27</i>	<i>1.29</i>	<i>2.12</i>	<i>.97</i>	<i>3.05</i>	<i>2.42</i>	<i>3.21</i>	<i>1.04</i>	<i>1.636</i>
February ...	<i>.82</i>	<i>.45</i>	<i>1.00</i>	<i>1.70</i>	<i>.94</i>	<i>2.62</i>	<i>1.97</i>	<i>1.14</i>	<i>1.31</i>	<i>2.06</i>	<i>1.401</i>
March .....	<i>.78</i>	<i>.41</i>	<i>2.09</i>	<i>.80</i>	<i>1.15</i>	<i>1.49</i>	<i>1.59</i>	<i>.49</i>	<i>4.43</i>	<i>2.02</i>	<i>1.525</i>
April .....	<i>.72</i>	<i>.77</i>	<i>1.67</i>	<i>.60</i>	<i>.33</i>	<i>.84</i>	<i>1.29</i>	<i>1.36</i>	<i>2.59</i>	<i>4.67</i>	<i>1.484</i>
May .....	<i>.47</i>	<i>2.07</i>	<i>1.72</i>	<i>.84</i>	<i>.89</i>	<i>4.96</i>	<i>3.61</i>	<i>.98</i>	<i>.90</i>	<i>.95</i>	<i>1.739</i>
June .....	<i>.77</i>	<i>1.35</i>	<i>1.67</i>	<i>1.26</i>	<i>.65</i>	<i>2.80</i>	<i>1.29</i>	<i>.86</i>	<i>3.59</i>	<i>.85</i>	<i>1.509</i>
July .....	<i>1.07</i>	<i>2.89</i>	<i>3.45</i>	<i>2.90</i>	<i>1.28</i>	<i>1.39</i>	<i>3.31</i>	<i>3.08</i>	<i>4.07</i>	<i>.76</i>	<i>2.420</i>
August .....	<i>.15</i>	<i>1.24</i>	<i>.81</i>	<i>2.98</i>	<i>.32</i>	<i>.62</i>	<i>1.88</i>	<i>1.48</i>	<i>1.78</i>	<i>4.81</i>	<i>1.607</i>
September ...	<i>1.35</i>	<i>1.24</i>	<i>2.74</i>	<i>1.98</i>	<i>.39</i>	<i>3.72</i>	<i>2.42</i>	<i>2.23</i>	<i>1.31</i>	<i>.84</i>	<i>1.822</i>
October .....	<i>2.02</i>	<i>1.90</i>	<i>1.11</i>	<i>.85</i>	<i>2.27</i>	<i>3.63</i>	<i>2.01</i>	<i>1.81</i>	<i>4.21</i>	<i>3.20</i>	<i>2.301</i>
November ...	<i>1.34</i>	<i>2.30</i>	<i>2.16</i>	<i>1.48</i>	<i>2.65</i>	<i>1.22</i>	<i>3.39</i>	<i>2.98</i>	<i>3.52</i>	<i>1.51</i>	<i>2.255</i>
December ...	<i>2.10</i>	<i>.95</i>	<i>4.21</i>	<i>2.15</i>	<i>1.33</i>	<i>.88</i>	<i>1.94</i>	<i>3.12</i>	<i>1.05</i>	<i>1.55</i>	<i>1.928</i>
TOTALS ...	<i>12.20</i>	<i>15.95</i>	<i>23.90</i>	<i>18.83</i>	<i>14.32</i>	<i>25.14</i>	<i>27.73</i>	<i>21.95</i>	<i>31.97</i>	<i>24.26</i>	<i>21.627</i>



# RAINFALL AT Loch Trean

Lat. ....

Lon. ....

County of West- Ross

Rain Gauge, by .....

Observer J. D. Baldry, Esq., C.E.

L. Broom - 7.

Diameter ....	8											
Height .....	0.7											
Altitude ....	750											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	6.50	1.09	2.92	4.00	6.02	4.49	6.47	6.62	2.78	4.27	4.516	
February ....	5.80	.03	3.75	6.94	11.40	8.70	5.77	7.34	4.03	11.32	6.508	
March .....	2.18	2.42	4.49	7.40	3.75	5.40	2.70	1.76	5.19	5.30	4.059	
April .....	2.10	4.16	4.73	1.55	1.03	3.14	1.72	4.19	5.54	3.38	3.154	
May .....	1.40	2.83	2.79	3.60	6.75	6.10	1.17	3.80	3.46	3.30	3.520	
June .....	3.00	5.03	3.85	1.83	2.17	5.27	4.35	2.36	3.22	1.59	3.267	
July .....	7.02	4.16	6.22	6.20	4.03	1.77	5.19	4.34	2.54	2.62	4.409	
August .....	.80	2.03	3.60	7.74	3.59	2.17	4.60	6.22	5.48	4.13	4.036	
September ....	1.27	2.00	5.84	4.60	2.30	8.22	3.72	5.62	2.74	5.25	4.156	
October .....	4.21	2.04	2.09	8.38	9.60	12.27	7.20	6.38	7.99	5.83	6.599	
November ....	5.37	4.80	3.52	6.27	13.59	4.55	7.64	7.84	15.28	9.49	7.835	
December ....	3.50	5.27	8.20	9.69	15.60	16.56	7.55	5.21	3.46	4.95	7.999	
TOTALS ....	43.15	35.86	52.00	68.20	79.83	78.64	58.08	61.68	61.71	61.43	60.058	



# RAINFALL AT Loch Broom Loch Drome

Lat. ....

Lon. ....

County of West Ross

Rain Gauge, by .....

Observer J. D. Baldry, Esq., C.E.

L. Broom - 7.

Diameter ....	8										
Height .....	0.7										
Altitude ....	850										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	4.85	1.14	2.97	4.29	7.75	4.51	6.52	5.97	4.50	4.94	4.744
February ....	5.16	.00	3.80	6.84	9.60	8.92	6.67	9.72	10.70	11.75	7.316
March .....	2.75	2.36	6.51	7.37	3.73	5.59	2.78	1.94	8.44	5.26	4.673
April .....	2.35	5.50	4.70	1.58	1.08	3.35	3.72	4.75	8.42	3.42	3.887
May .....	1.74	2.55	2.74	3.87	6.49	6.68	4.29	4.05	8.21	2.38	4.300
June .....	2.61	4.79	3.88	2.07	2.11	5.19	4.05	.80	5.76	1.53	3.279
July .....	7.03	5.40	6.18	7.26	4.07	1.93	5.28	3.89	6.52	2.74	5.030
August .....	.80	2.25	3.62	8.21	3.35	2.15	4.17	6.77	10.88	4.90	4.710
September ....	1.46	1.96	5.82	4.71	2.26	8.02	3.68	5.36	3.25	5.17	4.169
October .....	4.95	2.12	2.23	8.21	9.39	12.53	6.32	5.74	12.63	5.04	6.916
November ....	5.38	4.90	4.41	6.21	13.00	4.43	7.37	7.72	23.30	9.39	8.611
December ....	4.05	5.15	5.43	9.79	15.54	16.61	7.37	4.40	6.44	4.99	7.977
TOTALS ....	43.13	38.12	52.29	70.41	78.37	79.91	62.22	61.11	109.05	61.51	65.612 ?

1888 Total considerably too large



# RAINFALL AT *Braemore Lodge Fort*

Lat. ....

Lon. ....

County of *West-Port*

Rain Gauge, by .....

Observer *J. D. Baldry, Esq., C.E.*

*L. Broom - 7.*

Diameter ....	8											
Height .....	0.7											
Altitude ....	100											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	6.01	2.10	6.14	5.20	12.11	4.46	6.30	4.40	1.87	1.92	5.051	
February ....	5.57	1.53	3.91	7.59	6.23	5.25	4.02	5.60	3.91	8.75	5.236	
March .....	2.97	5.52	12.47	4.24	3.01	3.00	2.05	3.79	3.90	4.55	4.550	
April .....	2.43	2.09	1.46	1.87	.63	2.10	.84	3.14	3.96	2.40	2.092	
May .....	2.71	2.11	3.25	3.40	5.45	8.05	5.95	4.50	4.23	2.24	4.189	
June .....	2.10	2.49	4.54	1.47	? 1.14	5.00	2.70	.10	3.90	.69	2.413	
July .....	6.24	4.97	4.29	5.00	4.90	4.85	5.71	2.95	2.41	1.25	4.257	
August .....	1.21	4.68	2.89	6.37	? 1.20	1.45	3.65	7.16	3.66	4.90	3.717	
September ....	2.16	1.52	5.33	3.85	2.25	5.68	3.29	3.89	1.42	3.79	3.318	
October .....	4.57	1.02	1.01	7.55	8.67	5.40	5.22	4.13	6.35	3.65	4.757	
November ....	9.15	6.90	6.45	14.07	? 5.30	5.25	5.40	6.66	9.64	9.01	7.783	
December ....	8.39	7.47	5.53	6.72	10.66	10.19	10.23	4.64	2.88	5.09	7.180	
TOTALS ....	53.51	42.40	57.27	67.33	? 61.55	60.68	55.36	50.96	48.13	48.24	54.543	?

1884 Amounts for June August and Nov. much too small.

Observer states that the readings are carefully taken and he does not think they can be wrong.

1885 Also looks too small.



# RAINFALL AT Braemore House

Lat. .... Lon. .... County of West-Loth

Rain Gauge, by ..... Observer J. D. Baldry, Esq., C.E.

L. Broom - 7.

Diameter ....	8										
Height .....	0.7										
Altitude ....	750										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	6.57	1.25	3.04	4.34	7.44	4.45	6.31	6.72	2.86	1.99	4.497
February ....	5.35	.00	2.83	5.88	9.74	8.92	6.11	4.76	4.19	9.34	5.712
March .....	2.24	2.38	4.89	7.12	3.75	5.51	2.52	2.99	5.02	5.41	4.183
April .....	2.07	5.31	4.82	1.60	1.11	3.40	2.75	5.05	4.05	2.18	3.234
May .....	1.78	1.90	2.82	3.78	6.58	6.53	4.09	3.67	4.24	2.19	3.758
June .....	2.70	3.78	4.20	2.14	2.04	5.17	4.34	.35	4.05	.84	2.961
July .....	6.37	4.71	6.28	6.40	4.08	1.84	5.32	4.12	2.55	1.90	4.357
August .....	.93	4.02	3.57	4.00	3.57	2.80	4.08	7.25	4.01	5.36	3.959
September ....	1.30	2.08	5.83	4.70	2.53	7.94	3.64	4.38	1.59	4.70	3.869
October .....	4.51	2.10	2.11	7.64	9.73	12.48	7.27	4.59	6.56	4.05	6.104
November ....	5.43	4.85	4.62	6.16	13.68	4.40	7.60	7.96	10.08	8.15	7.293
December ....	3.60	5.28	9.52	9.68	15.65	16.52	7.46	3.09	3.28	6.00	8.008
TOTALS ....	42.85	37.66	54.53	63.44	79.90	79.96	61.49	54.93	52.48	52.11	57.935



# RAINFALL AT *Lochbroom*

Lat. ....

Lon. ....

County of *West Ross*

Rain Gauge, by .....

Observer *W<sup>h</sup> M. Macleay*

*L. Broom - 7.*

Diameter ....	5											
Height .....	0.6											
Altitude ....	48											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	3.72	50	6.47	4.67	11.08	3.78	6.80	6.30	3.22	3.45	4.999	
February ....	5.05	2.32	4.97	5.44	4.53	5.73	2.11	4.26	3.02	5.70	4.313	
March .....	1.55	6.63	10.50	2.33	3.61	4.49	2.28	1.75	4.71	4.40	4.225	
April .....	2.36	1.24	2.03	1.93	.92	.83	3.05	2.53	4.56	2.24	2.169	
May .....	2.82	2.85	2.66	3.74	4.30	3.69	2.85	3.16	4.46	1.10	3.163	
June .....	4.50	2.85	3.93	1.39	1.60	2.91	3.46	1.40	1.33	1.21	2.458	
July .....	3.85	4.16	4.94	4.29	5.13	1.27	3.33	3.40	2.04	1.27	3.368	
August .....	.69	3.65	5.14	6.79	1.94	1.48	3.45	3.71	2.93	3.96	3.374	
September ....	2.12	1.41	3.72	3.94	4.24	6.81	3.74	4.48	1.42	3.98	3.586	
October .....	4.70	3.91	1.21	7.39	6.97	7.71	3.44	4.42	6.67	4.01	5.043	
November ....	8.04	7.53	6.66	8.00	8.64	3.38	5.89	4.42	7.64	6.81	6.701	
December ....	6.76	5.18	5.00	7.87	7.22	10.16	8.86	5.39	3.21	5.64	6.529	
TOTALS ....	46.16	42.23	57.23	57.78	60.18	52.24	49.26	45.22	45.21	43.77	49.928	

*Lochbroom Church  $\frac{3}{4}$  mile SW*

*House 20ft high 360ft S.W.*

*1883 House 24ft high 120ft S.W.*



# RAINFALL AT *Bendauph Lock Jordan*

Lat. ....

Lon. ....

County of *Ross*

Rain Gauge, by .....

Observer *Earl Lovelace*

*L. line - 8.*

Diameter ....							6	5			
Height .....							8			1.0	
Altitude ....								36			
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....				(29.70)			(4.90)	10.71	6.67	8.22	6.71
February ....				(42.00)			(5.90)	9.60	5.25	9.75	7.94
March .....				(26.90)			(4.60)	3.55	3.63	7.81	5.04
April .....				(13.70)			(6.20)	4.41	5.36	3.58	3.81
May .....				(25.60)			(4.80)	3.98	4.46	2.60	4.61
June .....				(24.90)			(5.40)	2.43	1.49	.68	3.94
July .....				(33.50)			(6.50)	5.57	3.78	1.52	5.39
August .....				(33.30)			2.62	4.50	7.13	7.97	6.22
September ....				(33.30)			4.76	5.48	4.02	5.22	6.12
October .....				(37.00)			5.02	7.69	14.60	4.74	7.33
November ....				(54.40)			10.15	4.79	9.55	8.97	9.67
December ....				(40.30)			9.22	8.38	8.94	9.50	8.22
TOTALS .....				(394.60)			70.07	71.09	74.88	70.56	75.00

*total 81-85*

*1887 Shielday Church 10 miles W*  
*House 30 feet high 15 ft SE*

*Average computed from Applescross ratios 67:100*  
*81-86 months " " "*



# RAINFALL AT *Lock Aleh Inverinate House*

Lat. ....

Lon. ....

County of *West Ross*

Rain Gauge, by .....

Observer *W. McDonald*

*L. Carron - 9.*

Diameter ....	<i>5</i>										
Height .....	<i>3.0</i>										
Altitude ....	<i>150</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>9.16</i>	<i>1.92</i>	<i>10.38</i>	<i>6.49</i>	<i>13.24</i>	<i>6.50</i>	<i>(780) 22.80</i>				
February ....	<i>10.02</i>	<i>9.58</i>	<i>8.05</i>	<i>8.41</i>	<i>7.31</i>	<i>10.40</i>	<i>4.00</i>				
March .....	<i>5.30</i>	<i>8.08</i>	<i>13.57</i>	<i>6.76</i>	<i>3.61</i>	<i>6.47</i>	<i>4.00</i>				
April .....	<i>5.95</i>	<i>2.53</i>	<i>4.85</i>	<i>4.84</i>	<i>6.11</i>	<i>3.10</i>	<i>3.90</i>				
May .....	<i>2.65</i>	<i>4.76</i>	<i>2.20</i>	<i>2.20</i>	<i>6.06</i>	<i>3.90</i>	<i>3.00</i>				
June .....	<i>3.42</i>	<i>5.05</i>	<i>6.01</i>	<i>2.68</i>	<i>2.87</i>	<i>2.92</i>	<i>3.22</i>				
July .....	<i>4.08</i>	<i>12.77</i>	<i>6.35</i>	<i>3.41</i>	<i>5.43</i>	<i>2.66</i>	<i>6.90</i>				
August .....	<i>4.38</i>	<i>3.42</i>	<i>5.82</i>	<i>9.32</i>	<i>5.71</i>	<i>4.70</i>	<i>3.06</i>				
September ....	<i>6.94</i>	<i>2.90</i>	<i>5.61</i>	<i>4.82</i>	<i>6.15</i>	<i>3.88</i>	<i>10.80</i>				
October .....	<i>4.81</i>	<i>7.30</i>	<i>2.52</i>	<i>9.90</i>	<i>9.93</i>	<i>7.70</i>	<i>4.10</i>				
November ....	<i>10.31</i>	<i>12.01</i>	<i>13.25</i>	<i>12.85</i>	<i>8.69</i>	<i>6.35</i>	<i>7.40</i>				
December ....	<i>2.73</i>	<i>7.00</i>	<i>9.12</i>	<i>12.65</i>	<i>5.46</i>	<i>5.00</i>	<i>10.05</i>				
TOTALS ....	<i>69.75</i>	<i>77.32</i>	<i>87.73</i>	<i>84.33</i>	<i>80.57</i>	<i>63.57</i>	<i>(780) 263.23</i>				

*1880. Kintail*

*½ mile*

*E.*

*1886 Jan'y about 5 inches short*



# RAINFALL AT Greene Ferry, L. R. S.

Lat. ....

Lon. ....

County of West-Ross

Rain Gauge, by .....

Observer The Station Agent

L. Carron - 9.

Diameter ....	5										
Height .....	1.0										
Altitude ....	40										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	5.76	1.28	6.60	6.47	10.17	4.36	6.57	7.31	5.53	5.85	5.990
February ....	8.31	2.94	6.37	6.35	6.01	8.91	3.26	6.37	3.65	5.12	5.729
March .....	2.50	5.01	7.88	4.18	4.98	5.10	3.28	2.96	4.23	6.22	4.634
April .....	5.16	1.04	3.09	1.91	2.46	1.89	4.45	3.94	3.06	2.21	2.921
May .....	2.58	3.29	3.26	3.25	4.34	4.26	3.49	2.96	3.85	2.19	3.347
June .....	2.33	5.49	4.48	2.96	3.13	4.14	3.42	2.26	1.64	.76	3.061
July .....	2.76	8.40	6.60	2.62	5.57	2.76	4.94	4.75	3.37	1.07	4.284
August .....	2.35	4.51	3.81	7.74	6.07	2.37	3.79	4.20	5.06	6.83	4.673
September ....	4.42	1.93	6.28	3.26	5.29	9.97	6.15	3.89	3.19	4.31	4.869
October .....	2.58	3.40	3.33	6.81	8.88	6.72	5.78	5.84	9.53	3.81	5.668
November ....	8.71	10.34	10.45	10.25	9.89	4.88	8.67	3.58	7.07	4.96	7.881
December ....	5.00	8.20	6.61	10.91	6.39	10.71	8.27	6.73	6.58	8.50	7.790
TOTALS ....	52.46	55.83	68.77	66.71	73.18	66.07	62.07	54.79	56.76	51.83	60.847

1880. Lochannon

5

E.

1882 Lochabek 8 miles SW.



# RAINFALL AT *Applecross Gardens* 5791

Lat. .... Lon. .... County of *West- Ross*  
 Rain Gauge, by ..... Observer *M. D. McCowan*

*L. Carron - 9.*

Diameter ....		5									
Height .....		0.9		6	9			6		1.0	
Altitude ....		70 ft									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	4.78	1.33	3.09	4.14	7.10	4.33	3.32	6.52	5.63	4.80	4.504
February ...	6.89	4.42	4.86	5.80	5.57	7.42	3.97	5.68	2.90	5.66	5.317
March .....	2.07	3.34	6.00	1.04	3.40	4.27	3.10	2.25	3.73	4.48	3.368
April .....	4.28	1.50	3.57	1.72	.72	1.66	4.18	2.80	3.67	1.35	2.545
May .....	2.14	1.98	3.01	3.05	5.46	3.65	3.21	2.27	2.65	3.50	3.092
June .....	1.93	5.04	3.42	3.12	2.40	2.71	3.61	1.58	2.04	.60	2.645
July .....	2.29	6.06	5.04	3.09	5.72	2.51	4.45	2.13	3.41	1.42	3.612
August .....	1.95	5.14	4.43	6.74	4.24	1.72	3.35	3.60	3.96	6.55	4.168
September ...	3.66	1.73	5.07	4.16	2.81	8.54	4.08	4.23	3.32	3.41	4.101
October .....	2.14	2.65	3.22	6.57	7.56	4.83	4.56	4.24	9.21	4.13	4.911
November ...	7.22	4.98	8.47	8.18	10.78	4.03	7.25	3.45	6.04	4.35	6.475
December ...	4.15	5.98	5.02	6.85	7.05	2.13	6.69	4.24	6.88	6.16	5.515
TOTALS ...	(43.50)	44.15	55.20	54.46	62.81	47.80	51.77	42.99	53.44	46.41	(50.253)

1883. *Applecross ch. 1/2 m. W.*  
*Tree 60 ft high 100 ft. W.*

1374

1880 computed from *Strome Ferry*



RAINFALL AT *Glencarron*

Lat. .... Lon. .... County of *Ross*  
Rain Gauge, by ..... Observer *A. D. Munro*

*L. Carron - 9.*

*R.G.R.*

Diameter ....					5						
Height .....					1 -						
Altitude ....					504	504					
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....						4.09	11.31	11.26	8.07	9.30	
February ....						8.32	3.80	8.96	5.59	11.81	
March .....						6.37	3.23	3.59	6.01	9.66	
April .....						3.80	4.76	4.19	5.10	3.97	
May .....						5.58	4.24	4.12	6.70	1.90	
June .....						4.68	4.84	4.19	2.40	1.71	
July .....						3.27	6.71	7.36	4.30	2.70	
August .....						2.95	4.55	5.78	8.82	8.94	
September ....					# 4.97	11.32	6.50	5.59	3.44	6.35	
October .....					12.32	8.66	5.88	8.43	12.09	4.56	
November ....					9.64	8.10	8.40	7.44	12.00	9.16	
December ....					10.47	16.60	9.86	9.36	6.28	9.65	
TOTALS ....						83.74	74.08	80.27	80.80	79.71	

*1888 Lochcarron 10 to 12 miles W  
Thermometer Boxes 5ft high 10 ft E*



# RAINFALL AT *Isle of Lewis Stornoway Lewis Castle*

Lat. ....

Lon. ....

County of *West Ross*

Rain Gauge, by .....

Observer *A. Buchan, Esq.*

*Inular - 10.*

Diameter ....	<i>5</i>										
Height .....	<i>0.10</i>										
Altitude ....	<i>82</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>4.20</i>	<i>2.87</i>		<i>3.29</i>	<i>8.32</i>		<i>2.91</i>				
February ....	<i>5.86</i>	<i>5.04</i>		<i>5.22</i>			<i>2.00</i>				
March .....	<i>1.97</i>	<i>4.02</i>		<i>3.30</i>			<i>2.50</i>				
April .....	<i>3.54</i>	<i>1.34</i>		<i>.62</i>			<i>2.30</i>				
May .....	<i>2.66</i>	<i>2.60</i>		<i>2.49</i>			<i>1.45</i>				
June .....	<i>2.17</i>	<i>4.07</i>	<i>2.87</i>	<i>1.49</i>							
July .....	<i>1.90</i>	<i>4.42</i>	<i>3.24</i>	<i>2.63</i>			<i>2.50</i>				
August .....	<i>1.28</i>	<i>4.17</i>	<i>2.87</i>	<i>3.90</i>	<i>5.24</i>						
September ....	<i>4.76</i>	<i>2.06</i>	<i>2.50</i>	<i>3.08</i>			<i>5.49</i>				
October .....	<i>5.79</i>	<i>3.00</i>	<i>4.24</i>	<i>6.83</i>							
November ....	<i>6.93</i>	<i>6.46</i>	<i>5.11</i>	<i>7.21</i>	<i>7.68</i>						
December ....	<i>6.29</i>	<i>(6.56)</i>	<i>2.55</i>				<i>4.60</i>				
TOTALS ....	<i>947.30</i>	<i>(46.61)</i>									

Hyd. Sta. No. *89-727487*

NQR: *NB (19) 419331*

alt *27m*



# RAINFALL AT *Isle of Lewis Stornoway*

5795

Lat. ....

Lon. ....

County of *West Ross*

Rain Gauge, by .....

Observer *Ed of Northern Lights*

*Inular, Outer Hebrides - 10.*

Diameter ....											
Height .....	3.4										
Altitude ....	31?										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.31	.92	3.57	2.59	4.48	2.33	2.91	4.17	2.51	2.85	2.864
February ....	4.21	3.61	2.64	2.70	3.08	3.88	1.76	3.42	1.13	2.81	2.924
March .....	.98	2.03	4.15	1.60	2.35	2.41	1.55	1.34	1.95	2.18	2.054
April .....	1.62	1.11	2.44	.61	.63	1.38	2.22	2.83	2.64	1.52	1.700
May .....	1.47	2.87	1.95	2.39	4.07	2.40	.96	1.32	2.74	2.50	2.267
June .....	1.45	3.46	2.87	1.67	1.59	3.36	1.48	1.31	1.33	.78	1.930
July .....	.99	3.45	2.46	2.23	2.43	2.42	2.66	3.01	1.07	.75	2.147
August .....	.70	3.44	2.30	3.49	2.61	1.04	2.32	2.24	2.94	3.60	2.468
September ....	3.15	1.55	1.98	2.90	2.22	4.13	2.83	2.44	1.51	2.43	2.514
October .....	3.81	1.90	3.08	5.27	4.42	4.62	3.61	3.09	3.74	2.13	3.567
November ....	3.75	5.83	4.14	5.16	5.12	1.93	3.88	2.13	3.58	2.20	3.772
December ....	3.77	4.82	2.55	4.28	3.25	3.64	4.60	2.60	2.04	3.58	3.513
TOTALS ....	28.21	34.99	34.13	34.89	36.25	33.54	30.78	29.90	27.18	27.33	31.720



# RAINFALL AT *Isle of Lewis Stornoway*

Lat. .... Lon. .... County of *West Ross*  
 Rain Gauge, by ..... Observer *The Meteor Council*

*Inular - 10.*

Diameter ....		8									
Height .....		3.0			1.0						
Altitude ....		24									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	3.05	1.30	4.83	3.59	9.00	3.99	6.25	7.76	4.10	5.58	4.945
February ....	4.46	3.54	3.67	4.13	4.48	5.68	2.60	5.00	2.46	4.84	4.086
March .....	92	3.37	6.27	3.20	4.04	4.26	2.68	2.85	3.97	2.78	3.434
April .....	2.06	1.10	3.22	1.10	1.54	1.64	2.89	4.64	3.94	2.46	2.459
May .....	1.91	2.76	1.79	3.44	4.94	3.34	1.62	1.75?	3.79	4.36	2.970
June .....	1.70	3.65	3.42	1.23	1.81	3.87	1.82	1.51	1.83	.90	2.174
July .....	1.36	3.40	3.30	2.77	3.09	3.10	3.65	4.40	1.57	1.58	2.822
August .....	.70	3.22	2.89	4.77	4.09	1.36	3.28	3.06	5.86	5.05	3.428
September ....	3.38	1.70	2.60	2.95	3.99	7.10	4.57	3.73	2.69	4.51	3.722
October .....	4.81	2.73	3.54	6.66	5.89	6.23	4.29	5.35	7.08	2.67	4.925
November ....	5.50	6.09	5.29	7.09	7.22	2.99	5.73	3.58	6.36	4.11	5.396
December ....	3.83	6.26	4.51	6.37	5.66	6.93	8.84	5.16	6.16	5.65	5.937
TOTALS ....	33.68	39.12	45.33	47.30	55.75	50.49	48.22	(48.79?)	49.81	44.49	(46.298)?

1887 Record imperfect amount estimated for 8 days of May

Nga Sta. No. 89- 727447

NQR: NB (19) 428329

Air 9m



RAINFALL AT *Isle of Lewis Butt of Lewis*

Lat. ....

Lon. .... County of *West Ross*

Rain Gauge, by .....

Observer *Ed. of Northern Lights*

*Insular - 10.*

Diameter ....												
Height .....	<i>3. 6</i>											
Altitude ....												
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>3.18</i>	<i>1.29</i>	<i>4.17</i>	<i>2.92</i>	<i>7.57</i>	<i>2.15</i>	<i>8.43</i>	<i>5.01</i>	<i>2.26</i>	<i>3.67</i>	<i>4.065</i>	
February ....	<i>4.14</i>	<i>2.11</i>	<i>4.03</i>	<i>3.17</i>	<i>2.65</i>	<i>4.03</i>	<i>1.77</i>	<i>3.80</i>	<i>.94</i>	<i>2.10</i>	<i>2.874</i>	
March .....	<i>2.17</i>	<i>2.27</i>	<i>5.48</i>	<i>3.04</i>	<i>1.88</i>	<i>3.53</i>	<i>1.68</i>	<i>1.46</i>	<i>1.76</i>	<i>2.16</i>	<i>2.543</i>	
April .....	<i>1.52</i>	<i>.56</i>	<i>2.74</i>	<i>1.02</i>	<i>.47</i>	<i>1.74</i>	<i>3.62</i>	<i>4.41</i>	<i>2.93</i>	<i>.63</i>	<i>1.964</i>	
May .....	<i>1.87</i>	<i>1.21</i>	<i>1.70</i>	<i>2.37</i>	<i>2.96</i>	<i>2.15</i>	<i>1.73</i>	<i>1.33</i>	<i>2.69</i>	<i>2.57</i>	<i>2.058</i>	
June .....	<i>1.30</i>	<i>.76</i>	<i>1.82</i>	<i>.81</i>	<i>1.64</i>	<i>3.19</i>	<i>1.88</i>	<i>1.26</i>	<i>1.32</i>	<i>.16</i>	<i>1.414</i>	
July .....	<i>1.99</i>	<i>2.51</i>	<i>3.61</i>	<i>2.94</i>	<i>2.22</i>	<i>3.17</i>	<i>2.06</i>	<i>2.53</i>	<i>.91</i>	<i>.57</i>	<i>2.251</i>	
August .....	<i>.72</i>	<i>3.72</i>	<i>2.66</i>	<i>3.87</i>	<i>3.46</i>	<i>2.13</i>	<i>3.38</i>	<i>3.03</i>	<i>2.86</i>	<i>4.11</i>	<i>2.994</i>	
September ....	<i>3.11</i>	<i>1.96</i>	<i>3.89</i>	<i>2.53</i>	<i>2.32</i>	<i>4.69</i>	<i>3.46</i>	<i>3.36</i>	<i>1.33</i>	<i>2.11</i>	<i>2.876</i>	
October .....	<i>4.00</i>	<i>1.61</i>	<i>1.60</i>	<i>4.90</i>	<i>5.32</i>	<i>4.41</i>	<i>2.41</i>	<i>4.32</i>	<i>4.61</i>	<i>1.54</i>	<i>3.472</i>	
November ....	<i>3.84</i>	<i>4.16</i>	<i>5.28</i>	<i>5.32</i>	<i>5.67</i>	<i>2.52</i>	<i>4.64</i>	<i>3.45</i>	<i>1.73</i>	<i>3.68</i>	<i>4.029</i>	
December ....	<i>3.50</i>	<i>5.00</i>	<i>3.44</i>	<i>5.30</i>	<i>4.63</i>	<i>6.45</i>	<i>5.13</i>	<i>3.27</i>	<i>2.68</i>	<i>3.89</i>	<i>4.329</i>	
TOTALS ....	<i>31.34</i>	<i>27.16</i>	<i>40.42</i>	<i>38.19</i>	<i>40.79</i>	<i>40.16</i>	<i>40.19</i>	<i>37.23</i>	<i>26.02</i>	<i>27.19</i>	<i>34.869</i>	







# RAINFALL AT *Invershin*

Lat. .... Lon. .... County of *Sutherland*  
 Rain Gauge, by ..... Observer *W. E. Young*

*Ordnance Fifth - 1.*

Diameter ....	<i>5</i>											
Height .....	<i>4 0</i>											
Altitude ....	<i>20 T</i>											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>.63</i>	<i>.78</i>	<i>2.79</i>	<i>2.89</i>	<i>4.76</i>	<i>3.27</i>	<i>1.06</i>	<i>3.14</i>	<i>1.05</i>	<i>.76</i>	<i>2.113</i>	
February ....	<i>2.89</i>	<i>1.57</i>	<i>3.81</i>	<i>2.47</i>	<i>1.95</i>	<i>3.09</i>	<i>.20</i>	<i>1.11</i>	<i>1.43</i>	<i>2.16</i>	<i>2.068</i>	<i>'</i>
March .....	<i>.80</i>	<i>2.91</i>	<i>3.45</i>	<i>3.15</i>	<i>.91</i>	<i>2.17</i>	<i>1.50</i>	<i>2.06</i>	<i>3.23</i>	<i>3.42</i>	<i>2.360</i>	
April .....	<i>3.07</i>	<i>1.09</i>	<i>2.87</i>	<i>2.05</i>	<i>2.09</i>	<i>1.46</i>	<i>1.67</i>	<i>3.96</i>	<i>3.47</i>	<i>2.37</i>	<i>2.410</i>	
May .....	<i>1.13</i>	<i>1.42</i>	<i>3.27</i>	<i>3.11</i>	<i>2.75</i>	<i>3.19</i>	<i>2.21</i>	<i>2.16</i>	<i>2.87</i>	<i>1.05</i>	<i>2.316</i>	<i>'</i>
June .....	<i>3.19</i>	<i>3.54</i>	<i>3.18</i>	<i>1.09</i>	<i>.98</i>	<i>1.57</i>	<i>1.17</i>	<i>.19</i>	<i>3.57</i>	<i>.27</i>	<i>1.875</i>	<i>'</i>
July .....	<i>4.17</i>	<i>3.91</i>	<i>2.87</i>	<i>4.67</i>	<i>3.75</i>	<i>.98</i>	<i>2.97</i>	<i>1.07</i>	<i>3.74</i>	<i>1.24</i>	<i>2.937</i>	<i>'</i>
August .....	<i>.27</i>	<i>3.17</i>	<i>3.02</i>	<i>3.49</i>	<i>3.82</i>	<i>.79</i>	<i>3.81</i>	<i>3.87</i>	<i>3.24</i>	<i>3.97</i>	<i>2.945</i>	<i>'</i>
September ....	<i>2.05</i>	<i>3.07</i>	<i>3.17</i>	<i>3.07</i>	<i>3.49</i>	<i>4.56</i>	<i>3.14</i>	<i>3.24</i>	<i>1.79</i>	<i>2.79</i>	<i>3.037</i>	<i>'</i>
October .....	<i>2.04</i>	<i>3.47</i>	<i>3.47</i>	<i>2.51</i>	<i>4.33</i>	<i>3.84</i>	<i>3.87</i>	<i>2.14</i>	<i>4.12</i>	<i>3.87</i>	<i>3.366</i>	<i>'</i>
November ....	<i>3.87</i>	<i>3.22</i>	<i>2.19</i>	<i>4.09</i>	<i>1.97</i>	<i>3.72</i>	<i>3.07</i>	<i>3.92</i>	<i>3.24</i>	<i>1.06</i>	<i>3.035</i>	<i>'</i>
December ....	<i>5.56</i>	<i>2.75</i>	<i>3.15</i>	<i>4.15</i>	<i>2.47</i>	<i>3.90</i>	<i>3.47</i>	<i>1.75</i>	<i>1.06</i>	<i>2.09</i>	<i>3.035</i>	<i>'</i>
TOTALS ....	<i>29.67</i>	<i>30.90</i>	<i>37.24</i>	<i>36.74</i>	<i>33.27</i>	<i>32.54</i>	<i>28.14</i>	<i>28.61</i>	<i>32.81</i>	<i>25.05</i>	<i>31.497</i>	

*1880. Creich 7 miles S. E.*  
*House 20ft high 20ft N*  
*Shrubbery 4ft 20ft NE*



# RAINFALL AT *Rose Hall.* *Innerveshin, Olave, West-Artars*

Lat. ....

Lon. ....

County of *Sutherland*

Rain Gauge, by .....

Observer *W. W. Dow*

*Donoch - 1.*

Diameter ....				5							
Height .....				2.3							
Altitude ....				340T							
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....				1.76							
February ....				2.44							
March .....				1.81							
April .....				1.03							
May .....				3.34							
June .....				1.16							
July .....				5.57							
August .....				3.92							
September....			<sup>#</sup> 2.26	3.38							
October .....			1.20	5.53							
November....		1524 <sup>th</sup>	3.24	3.75							
December ....				5.14							
TOTALS ....				38.83							

1883. *Creich Ch. 15m. E.*

*Glenfence 3ft. high 9ft. S.*

*" " " 15 " N.*



# RAINFALL AT *Lairg*

Lat. ....

Lon. ....

County of *Sutherland*

Rain Gauge, by .....

Observer *A. Buchan, Esq.*

*Dornoch - 1.*

Diameter ....	3									5	
Height .....	3.4									3.0	
Altitude ....	457							458		335	
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.18	1.00	5.40	2.40	5.48	2.80	5.29	3.27	2.15	1.74	3.171
February ....	3.15	5.47	2.91	2.18	1.56	2.26	1.32	1.55	1.80	4.77	2.697
March .....	1.90	3.99	0.84	2.80	1.74	2.09	2.00	1.16	3.93	2.38	2.883
April .....	2.07	1.38	2.11	1.20	.64	1.38	2.00	2.57	2.27	2.89	1.851
May .....	1.40	3.68	2.21	1.76	3.90	3.61	2.22	.50	1.98	.81	2.207
June .....	3.08	2.41	4.30	.77	1.04	2.40	2.91	.83	2.95	.56	2.125
July .....	4.54	3.49	3.83	3.65	2.57	1.40	2.17	1.95	1.87	1.81	2.728
August .....	1.43	1.48	2.78	3.60	3.18	1.11	1.12	2.73	1.62	4.17	2.322
September ....	1.95	3.08	3.48	2.67	1.18	3.96	2.24	3.39	1.31	1.79	2.505
October .....	3.13	3.31	1.38	4.51	5.04	3.65	1.96	2.73	3.59	2.96	3.226
November ....	5.04	2.88	4.15	4.06	3.75	2.37	2.84	2.28	5.78	2.05	3.520
December ....	4.66	1.85	5.09	5.70	1.41	3.51	5.47	4.26	1.28	2.62	3.585
TOTALS ....	34.53	34.02	44.48	35.30	31.49	30.54	31.54	27.22	30.53	28.55	32.820



# RAINFALL AT Lairg & R S

Lat. ....

Lon. ....

County of Sutherland

Rain Gauge, by

Observer

The Station Agent

nomoch - 1.

Diameter ....		5				5					
Height .....						1.0					
Altitude ....						435					
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	1.66	6.88	3.09	3.05	4.24	1.58		1.75	2.05	1.91	
February ...	3.29		4.80	2.41	1.05	2.22	.50	.41	1.36	4.17	
March .....	1.33	3.54	6.99	2.44	1.64	1.65	.34	.56	2.01	3.22	
April .....	1.94	1.53	1.06	1.46	.64	.61	1.35	1.18	2.19	2.71	
May .....	1.94	2.12	.52	1.57	2.67	4.75	1.37	.61	2.10	.40	
June .....	2.95	2.27	4.31	.25	.81	2.16	1.01	.38	2.96	.97	
July .....	4.70	3.77	3.66	4.54	2.51	1.21	.31	1.85	2.05	2.10	
August .....	.84	1.04	3.78	3.92	2.96	1.14	.90	2.60	1.94	5.44	
September ...	1.80	2.34	3.07	3.10	1.26	8.33	.73	1.40	2.98	1.20	
October ....	3.14	2.87	1.87	4.57	5.47	4.67	1.07	3.03	3.32	1.00	
November ...	1.59	3.39	1.14	4.06	4.26	1.59	.79	2.14	4.20	2.21	
December ...	(4.50)	3.47	6.38	3.09	3.09	1.98	2.07	4.69	2.31	.66	
TOTALS ...	(29.68)	33.22	40.67	34.46	30.60	31.89		20.60	29.47	25.99	

1880 Dec? amount computed

1886 Values much too small

1887 0 " " " "



# RAINFALL AT *Golspie H. Q. S.*

Lat. ....

Lon. ....

County of *Sutherland*

Rain Gauge, by .....

Observer *The Station Agent*

*Sheet - 2.*

Diameter ....	<i>5</i>										
Height .....	<i>0.9</i>										
Altitude ....	<i>27</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>1.96</i>	<i>1.53</i>	<i>3.37</i>	<i>2.03</i>	<i>5.35</i>	<i>1.58</i>	<i>5.13</i>	<i>3.23</i>	<i>2.16</i>	<i>.59</i>	<i>2.693</i>
February ....	<i>1.38</i>	<i>.15</i>	<i>2.92</i>	<i>2.46</i>	<i>1.23</i>	<i>2.41</i>	<i>1.38</i>	<i>1.52</i>	<i>2.10</i>	<i>6.10</i>	<i>2.165</i>
March .....	<i>1.68</i>	<i>1.59</i>	<i>4.69</i>	<i>1.59</i>	<i>2.34</i>	<i>2.22</i>	<i>1.49</i>	<i>1.18</i>	<i>3.54</i>	<i>1.86</i>	<i>2.218</i>
April .....	<i>2.10</i>	<i>1.46</i>	<i>3.13</i>	<i>1.23</i>	<i>.46</i>	<i>1.35</i>	<i>1.04</i>	<i>2.36</i>	<i>2.21</i>	<i>2.96</i>	<i>1.830</i>
May .....	<i>1.15</i>	<i>2.52</i>	<i>2.45</i>	<i>1.88</i>	<i>3.00</i>	<i>3.33</i>	<i>2.89</i>	<i>.97</i>	<i>2.53</i>	<i>.65</i>	<i>2.137</i>
June .....	<i>1.92</i>	<i>2.50</i>	<i>3.38</i>	<i>1.46</i>	<i>.92</i>	<i>2.16</i>	<i>2.33</i>	<i>.66</i>	<i>2.30</i>	<i>.89</i>	<i>1.852</i>
July .....	<i>4.61</i>	<i>4.71</i>	<i>4.11</i>	<i>4.32</i>	<i>1.81</i>	<i>1.55</i>	<i>2.32</i>	<i>2.02</i>	<i>3.25</i>	<i>1.34</i>	<i>3.004</i>
August .....	<i>.54</i>	<i>1.67</i>	<i>2.36</i>	<i>3.76</i>	<i>3.68</i>	<i>1.18</i>	<i>1.80</i>	<i>3.05</i>	<i>1.98</i>	<i>5.64</i>	<i>2.566</i>
September ....	<i>2.52</i>	<i>3.63</i>	<i>3.24</i>	<i>2.63</i>	<i>.91</i>	<i>4.40</i>	<i>1.82</i>	<i>2.37</i>	<i>1.48</i>	<i>1.76</i>	<i>2.476</i>
October .....	<i>4.39</i>	<i>3.11</i>	<i>1.52</i>	<i>4.08</i>	<i>4.30</i>	<i>3.04</i>	<i>2.15</i>	<i>2.69</i>	<i>5.00</i>	<i>2.99</i>	<i>3.327</i>
November ....	<i>2.10</i>	<i>2.82</i>	<i>3.66</i>	<i>3.16</i>	<i>3.87</i>	<i>1.17</i>	<i>3.51</i>	<i>1.85</i>	<i>5.05</i>	<i>2.52</i>	<i>2.971</i>
December ....	<i>2.24</i>	<i>2.34</i>	<i>5.13</i>	<i>4.91</i>	<i>2.84</i>	<i>3.25</i>	<i>4.58</i>	<i>4.44</i>	<i>.16</i>	<i>2.38</i>	<i>3.227</i>
TOTALS ....	<i>26.59</i>	<i>28.03</i>	<i>39.90</i>	<i>33.57</i>	<i>30.71</i>	<i>27.64</i>	<i>30.44</i>	<i>26.34</i>	<i>31.76</i>	<i>29.68</i>	<i>30.466</i>

*Golspie Church 3/4 mile E.  
1886 Bushes 3ft. high. 9ft. E.*



# RAINFALL AT *Golspie Dunrobin Castle*

Lat. ....

Lon. .... County of *Sutherland*

Rain Gauge, by .....

Observer *W. E. D. Melville*

*Fleet - 2.*

*No 2 Daily*

Diameter ....	<i>5</i>											
Height .....	<i>1.0</i>											
Altitude ....	<i>7L 14T</i>											
Year .....	<i>1880</i>	<i>1881</i>	<i>1882</i>	<i>1883</i>	<i>1884</i>	<i>1885</i>	<i>1886</i>	<i>1887</i>	<i>1888</i>	<i>1889</i>		MEANS.
January ....	<i>2.07</i>	<i>1.29</i>	<i>3.05</i>	<i>2.07</i>	<i>4.73</i>	<i>2.17</i>	<i>3.16</i>	<i>2.72</i>	<i>1.83</i>	<i>1.53</i>		<i>2.462</i>
February ....	<i>1.34</i>	<i>3.31</i>	<i>2.51</i>	<i>1.90</i>	<i>.96</i>	<i>2.05</i>	<i>1.41</i>	<i>1.35</i>	<i>1.86</i>	<i>4.20</i>		<i>2.089</i>
March .....	<i>1.61</i>	<i>2.26</i>	<i>4.01</i>	<i>2.12</i>	<i>1.80</i>	<i>2.27</i>	<i>1.34</i>	<i>1.42</i>	<i>3.40</i>	<i>1.68</i>		<i>2.251</i>
April .....	<i>1.90</i>	<i>1.47</i>	<i>2.86</i>	<i>1.11</i>	<i>.44</i>	<i>1.25</i>	<i>1.11</i>	<i>2.07</i>	<i>1.96</i>	<i>3.11</i>		<i>1.728</i>
May .....	<i>1.20</i>	<i>2.64</i>	<i>1.57</i>	<i>2.14</i>	<i>2.74</i>	<i>3.47</i>	<i>2.87</i>	<i>.93</i>	<i>2.62</i>	<i>.83</i>		<i>2.101</i>
June .....	<i>2.77</i>	<i>3.30</i>	<i>3.61</i>	<i>1.66</i>	<i>.80</i>	<i>1.94</i>	<i>1.91</i>	<i>.87</i>	<i>2.40</i>	<i>.95</i>		<i>2.021</i>
July .....	<i>3.50</i>	<i>4.10</i>	<i>4.25</i>	<i>4.62</i>	<i>2.04</i>	<i>1.82</i>	<i>2.35</i>	<i>1.80</i>	<i>2.65</i>	<i>1.34</i>		<i>2.847</i>
August .....	<i>1.08</i>	<i>1.84</i>	<i>2.15</i>	<i>4.24</i>	<i>2.31</i>	<i>1.14</i>	<i>1.81</i>	<i>2.50</i>	<i>2.09</i>	<i>4.86</i>		<i>2.402</i>
September ....	<i>2.48</i>	<i>3.90</i>	<i>3.60</i>	<i>2.86</i>	<i>.93</i>	<i>4.51</i>	<i>2.01</i>	<i>2.08</i>	<i>1.66</i>	<i>1.87</i>		<i>2.590</i>
October .....	<i>3.37</i>	<i>3.22</i>	<i>1.50</i>	<i>4.43</i>	<i>4.16</i>	<i>3.37</i>	<i>1.90</i>	<i>2.67</i>	<i>5.34</i>	<i>3.12</i>		<i>3.308</i>
November ....	<i>3.06</i>	<i>2.80</i>	<i>3.66</i>	<i>2.70</i>	<i>3.63</i>	<i>1.37</i>	<i>2.90</i>	<i>1.67</i>	<i>4.41</i>	<i>2.10</i>		<i>2.830</i>
December ....	<i>4.25</i>	<i>2.23</i>	<i>5.74</i>	<i>4.91</i>	<i>2.03</i>	<i>2.84</i>	<i>4.20</i>	<i>4.20</i>	<i>1.20</i>	<i>2.10</i>		<i>3.370</i>
TOTALS ....	<i>28.63</i>	<i>32.36</i>	<i>39.11</i>	<i>34.76</i>	<i>26.57</i>	<i>28.20</i>	<i>26.97</i>	<i>24.28</i>	<i>31.42</i>	<i>27.69</i>		<i>29.999</i>

*1880*

*Golspie*

*3/4 mile*

*W.*

*Trees 20ft high 120ft N.*



# RAINFALL AT *Golspie Dunrobin Castle*

Lat. ....

Lon. ....

County of

*Sutherland*

Rain Gauge, by

Observer

*W. E. McNeill*

*Sheet - 2. Monthly No 1*

Diameter ....	<i>3</i>											
Height .....	<i>0.3</i>											
Altitude ....	<i>6L 13T</i>											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>1.70</i>	<i>1.20</i>	<i>3.10</i>	<i>2.00</i>	<i>4.90</i>	<i>2.50</i>	<i>3.25</i>	<i>2.40</i>	<i>2.00</i>	<i>1.60</i>	<i>2.465</i>	
February ....	<i>1.25</i>	<i>3.40</i>	<i>2.55</i>	<i>2.30</i>	<i>1.00</i>	<i>2.15</i>	<i>1.56</i>	<i>1.60</i>	<i>2.00</i>	<i>4.50</i>	<i>2.231</i>	
March .....	<i>1.45</i>	<i>2.30</i>	<i>4.70</i>	<i>2.25</i>	<i>1.90</i>	<i>2.55</i>	<i>1.40</i>	<i>1.30</i>	<i>3.70</i>	<i>1.50</i>	<i>2.305</i>	
April .....	<i>1.75</i>	<i>1.45</i>	<i>2.90</i>	<i>1.10</i>	<i>.50</i>	<i>1.20</i>	<i>1.00</i>	<i>2.00</i>	<i>1.85</i>	<i>3.00</i>	<i>1.675</i>	
May .....	<i>.92</i>	<i>2.50</i>	<i>1.50</i>	<i>2.20</i>	<i>2.70</i>	<i>3.20</i>	<i>2.75</i>	<i>.95</i>	<i>2.35</i>	<i>1.28</i>	<i>2.035</i>	
June .....	<i>2.45</i>	<i>3.00</i>	<i>3.50</i>	<i>1.50</i>	<i>.90</i>	<i>2.00</i>	<i>1.80</i>	<i>.80</i>	<i>2.25</i>	<i>.90</i>	<i>1.910</i>	
July .....	<i>3.25</i>	<i>4.00</i>	<i>4.10</i>	<i>4.60</i>	<i>2.05</i>	<i>1.90</i>	<i>2.10</i>	<i>1.80</i>	<i>2.40</i>	<i>1.40</i>	<i>2.760</i>	
August .....	<i>.95</i>	<i>1.80</i>	<i>2.20</i>	<i>3.80</i>	<i>2.65</i>	<i>1.40</i>	<i>1.90</i>	<i>2.30</i>	<i>2.00</i>	<i>4.75</i>	<i>2.375</i>	
September ....	<i>2.35</i>	<i>3.95</i>	<i>3.65</i>	<i>2.75</i>	<i>1.10</i>	<i>4.40</i>	<i>1.90</i>	<i>2.00</i>	<i>1.50</i>	<i>1.75</i>	<i>2.535</i>	
October .....	<i>3.30</i>	<i>3.30</i>	<i>1.45</i>	<i>4.70</i>	<i>4.50</i>	<i>3.00</i>	<i>2.00</i>	<i>2.35</i>	<i>5.10</i>	<i>3.00</i>	<i>3.270</i>	
November ....	<i>2.90</i>	<i>3.00</i>	<i>3.70</i>	<i>2.80</i>	<i>3.40</i>	<i>1.40</i>	<i>3.00</i>	<i>1.80</i>	<i>4.50</i>	<i>2.30</i>	<i>2.880</i>	
December ....	<i>4.30</i>	<i>2.50</i>	<i>6.00</i>	<i>5.10</i>	<i>2.30</i>	<i>3.00</i>	<i>4.80</i>	<i>5.00</i>	<i>1.10</i>	<i>2.20</i>	<i>3.630</i>	
TOTALS ....	<i>26.57</i>	<i>32.40</i>	<i>39.35</i>	<i>35.10</i>	<i>27.90</i>	<i>28.70</i>	<i>27.46</i>	<i>24.30</i>	<i>30.75</i>	<i>28.18</i>	<i>30.071</i>	

*Golspie Church 3/4 mile W.*

*Trees 20ft high 120ft N.*



# RAINFALL AT Kinbrace, L. R. S.

Lat. ....

Lon. ....

County of Sutherland

Rain Gauge, by .....

Observer. The Station Agent

Helmshale - 3.

Diameter ....	5										
Height .....	1. 0										
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.68	1.50	3.19	2.08	5.10	1.95					
February ....	1.90	1.72	1.89	2.39	1.14	2.37					
March .....	1.40	.05	4.37	2.37	2.90	2.41					
April .....	1.97	.93	2.10	1.28	.80	1.44					
May .....	.99	1.68	1.29	2.21	3.08	3.35					
June .....	3.24	2.48	4.50	1.07	1.43						
July .....	3.85	3.56	5.37	3.39	1.64						
August .....	.57	2.01	2.60	3.64	3.10						
September ....	1.98	2.54	4.49	3.36	1.60						
October .....	3.83	4.46	2.17	3.85	5.08						
November ....	4.16	3.07	4.24	3.86	4.33						
December ....	3.72	2.33	4.54	4.40	3.57						
TOTALS ....	29.29	26.33	40.75	33.90	33.77						

January 1881 Amount computed



# RAINFALL AT *Kinbrace Achintoul*

Lat. ....

Lon. ....

County of *Sutherland*

Rain Gauge, by .....

Observer *J. Burnet, Esq.*

*Helmsdale - 3.*

Diameter ....		<i>5</i>									
Height .....		<i>1.0</i>									
Altitude ....		<i>440T</i>									
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....		<i>.64</i>	<i>(2.25)</i>								
February ....		<i>2.20</i>	<i>2.13</i>								
March .....		<i>1.85</i>	<i>4.00</i>								
April .....		<i>.88</i>	<i>2.28</i>								
May .....		<i>1.92</i>	<i>1.06</i>								
June .....		<i>2.36</i>	<i>4.65</i>								
July .....		<i>3.04</i>	<i>5.04</i>								
August .....		<i>1.88</i>	<i>2.92</i>								
September ....		<i>1.95</i>	<i>4.59</i>								
October ....		<i>4.66</i>	<i>1.68</i>								
November ....		<i>3.02</i>	<i>4.30</i>								
December ....		<i>2.20</i>	<i>4.78</i>								
TOTALS ....		<i>26.60</i>	<i>(39.68)</i>								

*Kildonan (Helmsdale) Church 15 miles S.E.*

*House 25 ft high 240 ft NE.*

*1882. January amount computed*

*N.B. Annual values rejected from Survey book, 1929.*



# RAINFALL AT Forsinard H.R.S.

Lat. ....

Lon. ....

County of

Sutherland

Rain Gauge, by

Observer

The Station Agent

N. Coast - H.

Diameter ....	5										
Height .....	1.0										
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.59	1.18	3.79	2.25	4.53	1.61	3.43	4.46	1.72		
February ....	4.35	3.00	3.38	2.80	1.45	2.00	1.20	1.88	2.28		
March .....	1.93	2.77	5.89	3.84	2.67	2.14	1.08	1.04	2.36		
April .....	2.24	1.44	2.88	1.26	.63	.98	1.87	1.83	2.49		
May .....	1.59	2.50	1.68	4.12	2.86	3.41	3.13	.80	2.84		
June .....	3.60	3.35	4.91	.67	1.38	2.30	2.38	.95	2.35		
July .....	4.23	4.58	5.26	3.92	1.91	1.64	2.75	2.25	1.75		
August .....	.55	2.60	3.00	3.72	3.54	1.50	2.39	2.65	2.52		
September ....	2.94	2.09	5.60	3.47	1.49	4.40	1.71	3.50	2.08		
October .....	6.27	4.45	1.92	4.68	4.21	4.15	2.30	3.44			
November ....	4.91	3.30	4.60	4.44	5.29	3.73	2.80	3.61			
December ....	5.16	2.92	4.96	4.93	3.19	2.33	5.51	3.69			
TOTALS ....	40.36	34.18	47.87	40.10	33.15	30.09	30.55	30.10			







# RAINFALL AT *Cape Wrath*

Lat. ....

Lon. ....

County of *Sutherland*

Rain Gauge, by .....

Observer. *Bd. of Northern Lights*

*N. Coast - 14.*

Diameter ....								3			
Height .....	<i>3.6</i>										
Altitude ....	<i>355?</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>2.96</i>	<i>.90</i>	<i>5.23</i>	<i>2.65</i>	<i>5.47</i>	<i>3.27</i>	<i>7.34</i>	<i>4.14</i>	<i>3.47</i>	<i>4.24</i>	<i>3.967</i>
February ....	<i>5.21</i>	<i>3.45</i>	<i>4.48</i>	<i>1.68</i>	<i>2.72</i>	<i>4.60</i>	<i>3.34</i>	<i>2.06</i>	<i>2.03</i>	<i>4.08</i>	<i>3.365</i>
March .....	<i>1.87</i>	<i>3.13</i>	<i>5.75</i>	<i>1.58</i>	<i>1.89</i>	<i>4.33</i>	<i>1.53</i>	<i>1.30</i>	<i>1.93</i>	<i>2.40</i>	<i>2.571</i>
April .....	<i>2.31</i>	<i>2.45</i>	<i>2.84</i>	<i>1.12</i>	<i>1.51</i>	<i>1.92</i>	<i>2.47</i>	<i>3.07</i>	<i>3.16</i>	<i>.94</i>	<i>2.179</i>
May .....	<i>2.77</i>	<i>4.42</i>	<i>1.48</i>	<i>3.09</i>	<i>3.74</i>	<i>4.32</i>	<i>3.83</i>	<i>1.04</i>	<i>2.21</i>	<i>.59</i>	<i>2.749</i>
June .....	<i>2.58</i>	<i>3.16</i>	<i>2.61</i>	<i>1.09</i>	<i>3.16</i>	<i>6.23</i>	<i>5.21</i>	<i>1.09</i>	<i>2.12</i>	<i>.64</i>	<i>2.789</i>
July .....	<i>3.31</i>	<i>5.24</i>	<i>2.36</i>	<i>3.65</i>	<i>3.74</i>	<i>5.57</i>	<i>3.37</i>	<i>4.51</i>	<i>1.59</i>	<i>.77</i>	<i>3.411</i>
August .....	<i>1.25</i>	<i>4.70</i>	<i>3.37</i>	<i>5.15</i>	<i>4.43</i>	<i>5.37</i>	<i>5.08</i>	<i>4.47</i>	<i>2.06</i>	<i>5.30</i>	<i>4.118</i>
September ....	<i>3.40</i>	<i>4.39</i>	<i>3.70</i>	<i>3.92</i>	<i>2.48</i>	<i>8.36</i>	<i>2.96</i>	<i>4.07</i>	<i>2.05</i>	<i>2.37</i>	<i>3.770</i>
October .....	<i>4.48</i>	<i>2.70</i>	<i>1.31</i>	<i>6.80</i>	<i>5.27</i>	<i>4.88</i>	<i>2.62</i>	<i>4.35</i>	<i>6.32</i>	<i>2.58</i>	<i>4.131</i>
November ....	<i>5.03</i>	<i>3.76</i>	<i>3.59</i>	<i>6.73</i>	<i>6.94</i>	<i>4.32</i>	<i>5.21</i>	<i>3.55</i>	<i>3.83</i>	<i>1.21</i>	<i>4.417</i>
December ....	<i>4.97</i>	<i>5.38</i>	<i>3.39</i>	<i>4.23</i>	<i>6.43</i>	<i>11.55</i>	<i>2.06</i>	<i>3.90</i>	<i>1.44</i>	<i>2.63</i>	<i>4.598</i>
TOTALS ....	<i>40.14</i>	<i>43.68</i>	<i>40.11</i>	<i>41.69</i>	<i>47.78</i>	<i>64.72</i>	<i>45.02</i>	<i>37.55</i>	<i>32.21</i>	<i>27.75</i>	<i>42.065</i>



# RAINFALL AT Scourie

Lat. ....

Lon. ....

County of

Sutherland

Rain Gauge, by

Observer

J. Simpson Esq

Leisford - 5.

Diameter ....	3							5			
Height .....	0.5			4							
Altitude ....	26			30	28						
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.90	3.00	3.20	2.60	4.80	2.90	5.13	4.02	2.82	5.24	3.561
February ....	4.50	2.30	3.50	2.00	1.40	5.30	2.08	3.87	4.07	5.89	3.491
March .....	1.20	4.90	5.80	3.00	2.00	2.60	1.48	2.32	3.41	3.69	3.040
April .....	2.30	2.10	2.50	1.30	.55	.70	2.61	3.76	3.70	2.05	2.057
May .....	2.00	2.50	2.30	2.00	3.10	2.15	2.43	.83	2.44	1.13	2.088
June .....	2.80	2.40	2.60	.80	2.00	2.70	2.79	2.13	1.77	.94	2.093
July .....	5.90	3.90	2.70	3.40	2.80	2.50	2.74	3.73	1.80	.86	3.033
August .....	.80	5.30	3.60	3.70	2.50	1.60	3.06	4.43	2.32	4.34	3.165
September ....	4.80	2.10	5.10	2.30	2.20	4.00	2.63	4.99	2.25	3.55	3.392
October .....	6.40	3.30	1.80	5.20	5.70	5.15	2.41	5.63	7.87	3.23	4.669
November ....	6.50	4.30	5.30	5.70	5.80	2.30	5.92	2.70	4.62	4.05	4.719
December ....	6.90	6.20	4.30	5.40	4.40	6.00	7.00	5.52	3.05	3.94	5.271
TOTALS ....	46.00	42.30	42.70	36.40	37.25	37.90	40.28	43.93	40.12	38.91	40.579

Badiath Church 3 miles S.W.

House 25 ft. 150 ft S.

150 ft W.

1883. Hill 160 ft high 90 ft. S. N.E.

House 36. " 40 " S.E.



# RAINFALL AT Assynt- ~~Anchumore~~

Lat. ....

Lon. ....

County of

Sutherland

Rain Gauge, by

Observer

J. Elliot- Esq

mark 6.

Diameter ....	3										
Height .....	0.9										
Altitude ....	150?		200T								
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	6.10		5.90	4.40	11.10	3.70	11.20	6.70	10.20	7.30	
February ....	8.30		6.30	4.50	3.20	5.50	5.40	5.00	7.10	12.10	
March .....	1.00		10.00	4.70	3.10	6.00	4.10	2.50	5.90	6.30	
April .....	2.80		4.10	1.40	30	50	2.50	5.80	4.50	5.10	
May .....	3.30		3.80	5.60	5.00	5.40	2.90	2.30	6.00	1.80	
June .....	5.50		4.50	1.70	3.20	2.60	5.40	1.20	2.20	40	
July .....	9.90		5.20	7.20	4.10	1.70	5.30	10.00	1.40	1.00	
August .....	1.80		9.10	7.80	3.20	2.40	4.30	9.30	4.00	6.60	
September ....	5.20		2.70	5.30	5.20	10.20	3.10	8.20	4.10	7.00	
October .....	8.40		1.70	10.10	12.20	9.80	2.20	8.70	12.20	4.70	
November ....	9.20		8.80	7.70	10.20	5.40	9.50	4.30	7.20	8.60	
December ....	13.80		8.60	9.10	7.10	12.30	13.20	7.60	4.00	7.50	
TOTALS ....	75.30		70.70	69.50	67.90	65.50	69.10	71.60	68.80	68.40	

1880. Assynt-

2 miles

SSE

S.W.

1881 Gauge broken

Wall 5ft high 20ft E and W.



# RAINFALL AT *Stourhead*

Lat. ....

Lon. ....

County of *Sutherland*

*Sutherland*

Rain Gauge, by .....

Observer *Ed. of Northern Lights*

*Ed. of Northern Lights*

*Enard Bay 6.*

Diameter ....											
Height .....											
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	4.60	.70	4.10	2.70	4.00	2.10	3.60	3.70	3.60	5.00	3.410
February ....	6.00	1.80	5.30	2.50	.90	4.20	2.10	3.70	2.70	5.70	3.490
March .....	1.70	3.20	6.30	2.30	1.30	2.30	1.70	1.20	1.70	5.20	2.690
April .....	3.30	.90	2.80	1.30	.70	.50	2.40	3.40	7.30	2.10	2.470
May .....	3.10	1.60	2.60	2.80	2.60	1.90	2.20	.90	5.60	1.20	2.450
June .....	3.30	2.30	2.80	.70	1.40	3.40	3.40	2.90	1.50	.70	2.240
July .....	4.00	3.10	3.80	3.00	2.40	2.60	4.40	4.10	2.00	1.40	3.080
August .....	1.50	3.50	5.60	4.80	2.10	1.10	3.10	3.60	4.10	5.60	3.500
September ....	1.90	1.40	4.00	2.00	2.20	4.40	3.20	4.70	2.50	3.20	2.950
October ....	4.50	3.10	2.20	3.70	4.70	3.70	3.10	6.80	7.50	2.60	4.190
November ....	5.40	6.30	4.40	3.10	4.60	2.60	4.80	2.80	4.10	3.90	4.200
December ....	4.10	4.30	4.60	3.20	4.30	4.40	3.60	4.60	2.80	4.30	4.020
TOTALS ....	43.40	32.20	48.50	32.10	31.20	33.20	37.60	42.40	45.40	40.90	38.690







# RAINFALL AT Wick, Coastguard Sta.

Lat. ....

Lon. ....

County of Caithness

Rain Gauge, by .....

Observer By The Meteor Council

Wick - 2.

Diameter ....	8											
Height .....	1.9											
Altitude ....	77											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	1.35	2.21	2.25	2.44	3.68	1.83	4.03	2.15	1.95	1.78	2.367	
February ....	1.40	3.58	1.29	1.88	.94	1.93	1.71	1.33	2.48	4.05	2.059	
March .....	1.38	2.65	2.66	3.06	2.65	1.49	1.64	.83	2.82	2.85	2.203	
April .....	1.26	1.40	1.92	1.24	.67	1.01	1.57	1.63	2.78	2.61	1.609	
May .....	1.44	2.11	1.55	2.44	2.04	1.97	2.94	1.11	2.58	.77	1.895	
June .....	1.53	2.53	3.68	1.41	1.71	1.76	1.44	1.27	1.45	1.63	1.781	
July .....	2.33	3.26	3.61	2.00	1.60	1.69	2.51	3.40	2.16	2.02	2.458	
August .....	.28	1.84	2.14	2.30	3.01	1.20	2.21	1.79	4.04	5.49	2.430	
September ....	3.61	1.59	2.55	2.69	1.11	3.35	1.47	2.13	1.45	2.36	2.231	
October .....	3.29	2.94	2.41	2.71	3.63	2.81	1.66	2.38	3.95	4.04	2.982	
November ....	3.02	2.09	4.03	2.18	3.37	.77	2.80	2.27	2.58	2.36	2.547	
December ....	4.98	2.31	3.73	3.76	1.97	3.69	4.36	3.81	1.73	2.36	3.270	
TOTALS ....	25.87	28.51	31.82	28.11	26.38	23.50	28.34	24.10	29.97	31.72	27.832	

Hyd. Sta. No. 91-770785

NGA: ND (39) 375499

Alt: 25m



# RAINFALL AT Wick & P.S.

Lat. ....

Lon. ....

County of

Cathness

Rain Gauge, by

Observer

The Station Agent

wick - 2.

Diameter ....	5										
Height .....	1.0										
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.22	2.93	2.50	2.52	4.23	1.91	3.15	2.61	1.24	1.72	2.403
February ....	1.48	2.91	1.34	2.89	1.18	2.69	1.60	1.53	3.00	3.68	2.230
March .....	1.67	3.36	3.23	4.45	2.98	2.31	1.31	.48	2.70	2.40	2.489
April .....	1.18	1.32	2.09	1.60	.38	.72	1.45	1.84	2.59	2.55	1.572
May .....	1.29	2.00	1.22	2.63	2.28	1.81	2.73	1.05	2.58	.67	1.826
June .....	1.90	2.25	3.97	1.14	1.98	1.32	1.44	1.03	1.62	.95	1.780
July .....	2.55	3.27	3.85	2.02	1.55	1.83	2.63	4.22	2.18	1.92	2.602
August .....	.34	1.61	2.22	2.17	3.84	.77	2.33	1.65	4.48	5.39	2.480
September ....	3.63	1.40	2.52	3.00	.94	3.38	1.57	2.19	1.59	2.64	2.286
October .....	3.09	2.96	2.50	3.19	4.33	2.57	1.59	2.17	3.90	4.15	3.045
November ....	3.35	2.38	5.07	2.27	4.06	1.04	2.70	2.64	1.82	2.12	2.745
December ....	6.45	2.07	3.43	4.72	2.36	2.28	4.04	4.82	2.25	2.50	3.492
TOTALS ....	28.15	28.46	33.94	32.60	30.11	22.83	26.54	26.23	29.95	30.69	28.950



# RAINFALL AT Wick Noeshead

Lat. ....

Lon. ....

County of Caithness

Rain Gauge, by .....

Observer. Ed. of Northern Lights

Wick - 2.

Diameter ....	8										
Height .....	4.8										
Altitude ....	127?										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.49	.10	2.33	2.38	3.84	1.49	2.55	2.07	1.35	1.63	1.923
February ....	2.98	.55	2.22	1.87	.62	1.41	.84	1.01	.96	4.24	1.670
March .....	1.80	2.15	2.61	1.94	2.64	1.66	1.11	.34	1.45	1.92	1.762
April .....	1.65	1.56	2.20	1.14	.61	.87	1.31	1.49	1.75	2.30	1.488
May .....	1.25	1.74	1.36	2.24	1.68	1.20	2.54	.63	1.91	.83	1.538
June .....	1.35	2.04	3.41	1.10	1.25	1.41	1.59	.74	1.64	.46	1.499
July .....	2.37	3.85	2.82	2.26	1.25	1.71	2.14	3.25	1.83	2.20	2.368
August .....	.21	1.58	2.74	2.13	3.54	1.02	2.04	1.26	3.33	4.61	2.246
September ....	3.30	1.33	2.18	2.80	.81	2.85	1.29	1.88	1.40	2.61	2.045
October .....	3.15	2.87	2.81	2.79	3.96	2.26	1.57	1.54	3.48	4.10	2.847
November ....	1.93	1.92	3.62	2.08	2.94	.55	2.14	2.21	3.62	1.99	2.300
December ....	3.55	2.31	3.72	4.10	1.68	1.93	2.90	3.15	1.66	2.53	2.753
TOTALS ....	25.03	22.00	32.02	26.83	24.82	18.36	21.96	19.57	24.38	29.42	24.439



# RAINFALL AT Watten, H.R.S.

Lat. ....

Lon. ....

County of Cairness

Rain Gauge, by .....

Observer The Station Agent

wick - 2.

Diameter ....	5										
Height .....	0.9							2.6			
Altitude ....	75										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....	1.53	1.31	1.79	2.18	3.65	1.57	3.17	2.05	1.60	1.45	2.030
February ....	2.18	3.16	1.26	1.88	.85	2.60	1.40	1.12	1.72	2.73	1.890
March .....	1.44	2.34	2.68	2.20	2.52	1.71	1.01	.34	1.89	1.68	1.781
April .....	1.89	1.30	2.19	1.28	.53	.95	1.82	1.88	2.03	2.69	1.656
May .....	1.18	1.89	1.54	2.45	2.25	1.83	3.29	1.42	2.51	.47	1.883
June .....	1.99	2.84	4.71	1.48	1.29	1.55	1.10	1.38	1.73	.70	1.877
July .....	2.88	3.10	2.98	2.03	2.01	1.30	2.30	2.54	2.02	2.05	2.321
August .....	.27	1.61	2.80	2.93	4.09	1.51	2.59	2.01	3.67	3.91	2.539
September ....	3.63	1.31	2.66	4.04	.85	3.97	1.47	2.96	1.46	2.50	2.485
October .....	4.07	3.07	2.54	2.78	4.27	3.29	1.66	2.49	3.45	3.07	3.069
November ....	3.15	1.69	3.91	2.48	3.61	1.22	2.48	1.98	2.23	1.71	2.446
December ....	5.08	2.08	4.52	3.67	2.03	2.87	3.52	3.11	1.59	1.87	3.034
TOTALS .....	29.29	25.70	33.58	29.40	27.95	24.37	25.81	23.28	25.90	24.83	27.011

Watten Church 1/2 mile NNW.

House 30ft high 48ft N.

1883. Lamp Post. 8ft high. 9ft. N.E.







# RAINFALL AT *Georgemas Junction H. R. S.*

Lat. ....

Lon. ....

County of *Caithness*

Rain Gauge, by .....

Observer *The Station Agent*

*Thurso - 3.*

Diameter ....	<i>5"</i>											
Height .....												
Altitude ....												
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>1.95</i>		<i>3.05</i>									
February ....	<i>2.23</i>	<i>3.16</i>	<i>1.97</i>									
March .....	<i>2.28</i>	<i>2.11</i>	<i>2.03</i>									
April .....	<i>1.63</i>	<i>3.63</i>	<i>1.19</i>									
May .....	<i>2.63</i>	<i>1.92</i>	<i>1.32</i>									
June .....	<i>1.91</i>	<i>2.38</i>	<i>5.22</i>									
July .....	<i>4.62</i>		<i>3.51</i>									
August .....	<i>1.50</i>		<i>4.25</i>									
September ....	<i>3.70</i>		<i>3.63</i>									
October .....	<i>6.07</i>		<i>2.48</i>									
November ....	<i>4.19</i>											
December ....	<i>3.26</i>											
TOTALS ....	<i>35.97</i>											

*N. B. Annual values rejected from Survey sheet. 1929.*



RAINFALL AT *Thurso, Holburnhead*

Lat. ....

Lon. ....

County of

*Caithness*

Rain Gauge, by .....

Observer

*Ed. of Northern Lights**Thurso - 3.*

Diameter ....	3										
Height .....	0.8										
Altitude ....	60?										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.70	.40	3.30	2.10	3.60	1.40	3.60	2.30	1.80	2.20	2.240
February ....	3.20	2.50	2.40	2.60	.60	1.90	1.50	2.00	2.30	5.70	2.470
March .....	1.20	2.90	4.20	2.00	2.40	1.70	.90	.60	2.10	1.70	1.970
April .....	.90	.90	1.20	1.00	.40	1.00	1.70	2.80	2.30	2.50	1.470
May .....	1.50	1.40	1.50	2.10	2.20	1.10	1.80	1.60	2.60	.40	1.620
June .....	1.60	2.30	3.30	.90	1.20	1.70	2.40	.90	1.30	.90	1.650
July .....	3.50	2.90	3.00	2.50	1.20	1.40	2.00	1.90	1.90	1.90	2.220
August .....	.40	1.90	2.90	2.30	4.90	1.90	.60	2.00	1.90	4.30	2.310
September ....	3.70	1.20	4.00	3.10	.50	2.40	1.20	1.90	1.20	2.40	2.160
October .....	3.80	3.20	1.70	4.00	6.80	3.70	1.20	1.30	4.50	2.90	3.310
November ....	2.80	1.20	5.10	3.40	3.80	1.60	2.70	2.30	3.30	2.50	2.870
December ....	5.60	2.90	4.10	5.60	2.90	3.20	4.40	4.90	1.70	2.80	3.810
TOTALS ....	29.90	23.70	36.70	31.60	30.50	23.00	24.00	24.50	26.90	30.20	28.100

28116



# RAINFALL AT *Dunnethead*

Lat. ....

Lon. ....

County of *Caithness*

Rain Gauge, by .....

Observer *Bd of Northern Lights*

*Thurs - 3.*

Diameter ....											
Height .....	<i>3.0</i>										
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>.95</i>	<i>(.50)</i>	<i>2.33</i>	<i>2.82</i>	<i>3.72</i>	<i>1.33</i>	<i>3.47</i>	<i>2.75</i>	<i>2.23</i>	<i>3.20</i>	
February ....	<i>2.75</i>	<i>1.35</i>	<i>3.07</i>	<i>3.13</i>	<i>1.70</i>	<i>2.78</i>	<i>1.12</i>	<i>1.96</i>	<i>2.18</i>	<i>4.35</i>	
March .....	<i>1.95</i>	<i>.65</i>	<i>3.47</i>	<i>1.72</i>	<i>5.25</i>	<i>1.66</i>	<i>2.18</i>	<i>.77</i>	<i>2.82</i>	<i>1.66</i>	
April .....	<i>1.40</i>	<i>2.15</i>	<i>1.72</i>	<i>.82</i>	<i>.73</i>	<i>1.69</i>	<i>1.81</i>	<i>2.62</i>	<i>2.31</i>	<i>2.57</i>	
May .....	<i>.51</i>	<i>2.00</i>	<i>1.86</i>	<i>2.22</i>	<i>2.23</i>	<i>1.62</i>	<i>2.13</i>	<i>1.85</i>	<i>2.11</i>	<i>.52</i>	
June .....	<i>.32</i>	<i>2.40</i>	<i>4.27</i>	<i>.71</i>	<i>1.15</i>	<i>3.23</i>	<i>2.90</i>	<i>1.37</i>	<i>1.57</i>	<i>.75</i>	
July .....	<i>.75</i>	<i>3.15</i>	<i>2.82</i>	<i>2.25</i>	<i>1.86</i>	<i>1.21</i>	<i>2.90</i>	<i>2.76</i>	<i>1.95</i>	<i>1.72</i>	
August .....	<i>.44</i>	<i>2.60</i>	<i>3.28</i>	<i>3.58</i>	<i>4.86</i>	<i>1.66</i>	<i>3.09</i>	<i>2.49</i>	<i>3.00</i>	<i>5.36</i>	
September ...	<i>.70</i>	<i>1.55</i>	<i>4.12</i>	<i>3.20</i>	<i>.46</i>	<i>2.67</i>	<i>1.57</i>	<i>2.15</i>	<i>1.81</i>	<i>2.38</i>	
October .....	<i>1.38</i>	<i>3.01</i>	<i>3.04</i>	<i>2.68</i>	<i>5.27</i>	<i>3.35</i>	<i>2.11</i>	<i>2.19</i>	<i>4.47</i>	<i>3.53</i>	
November ....	<i>.90</i>	<i>1.98</i>	<i>6.71</i>	<i>3.97</i>	<i>4.06</i>	<i>2.31</i>	<i>2.73</i>	<i>3.38</i>	<i>4.52</i>	<i>2.58</i>	
December ....	<i>3.15</i>	<i>2.90</i>	<i>4.65</i>	<i>4.76</i>	<i>3.62</i>	<i>2.65</i>	<i>4.08</i>	<i>4.36</i>	<i>2.72</i>	<i>3.05</i>	
TOTALS .....	<i>15.20</i>	<i>(4.44)</i>	<i>41.34</i>	<i>31.86</i>	<i>34.91</i>	<i>26.16</i>	<i>30.09</i>	<i>28.65</i>	<i>31.69</i>	<i>31.67</i>	<i>31.081</i>

*(30.00)*

*4th. VII. 13*







RAINFALL AT Pentland, Skerries

Lat. ....

Lon. ....

County of

Caithness Orkney.

Rain Gauge, by

Observer

Ed of Northern Lights

Diameter ....											
Height .....	3	3									
Altitude ....	72?										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.06	.75	1.81	2.49	2.56	1.77	3.49	2.06	1.66	2.05	1.970
February ....	1.30	2.25	1.71	2.41	.57	2.07	1.06	1.43	1.75	3.21	1.776
March .....	1.36	1.55	2.83	2.13	1.90	1.48	1.77	.56	1.73	1.53	1.684
April .....	1.29	1.42	1.48	1.18	.37	.99	2.09	1.64	1.33	1.81	1.360
May .....	.83	2.00	1.35	1.62	1.22	1.42	1.46	1.23	1.66	.63	1.342
June .....	1.40	1.48	3.49	.57	.42	1.74	2.12	.92	1.43	.51	1.408
July .....	2.15	3.45	2.09	1.56	.80	1.12	2.08	2.59	1.76	1.12	1.872
August .....	.13	1.40	2.34	2.96	1.34	1.02	2.52	1.55	2.20	3.60	1.906
September ....	2.98	1.06	2.48	3.07	.54	2.75	1.35	2.16	1.36	1.49	1.924
October .....	1.86	1.78	2.01	2.78	5.59	2.62	2.10	2.08	2.56	3.36	2.674
November ....	2.02	1.75	3.66	3.12	2.90	1.08	2.03	2.58	3.50	1.45	2.409
December ....	4.07	2.68	3.38	4.18	2.69	1.94	3.81	3.05	1.37	2.47	2.964
TOTALS ....	20.45	21.57	28.63	28.07	20.90	20.00	25.88	21.85	22.31	23.23	23.289



# RAINFALL AT *Loy Cantickhead*

Lat. ....

Lon. ....

County of *Orkney*

Rain Gauge, by .....

Observer. *Ed. of Northern Lights*

Diameter ....											
Height .....	<i>0.6</i>										
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>1.30</i>	<i>.40</i>	<i>5.00</i>	<i>4.20</i>	<i>6.70</i>	<i>2.50</i>	<i>6.40</i>	<i>3.78</i>	<i>2.70</i>	<i>5.90</i>	<i>3.888</i>
February ....	<i>2.60</i>	<i>.30</i>	<i>4.20</i>	<i>4.70</i>	<i>1.60</i>	<i>3.20</i>	<i>1.20</i>	<i>2.60</i>	<i>2.50</i>	<i>8.60</i>	<i>3.150</i>
March .....	<i>2.50</i>	<i>.80</i>	<i>4.80</i>	<i>1.90</i>	<i>3.90</i>	<i>3.30</i>	<i>1.10</i>	<i>1.70</i>	<i>3.40</i>	<i>5.60</i>	<i>2.900</i>
April .....	<i>1.60</i>	<i>.90</i>	<i>1.20</i>	<i>1.60</i>	<i>.80</i>	<i>1.60</i>	<i>2.30</i>	<i>3.00</i>	<i>2.60</i>	<i>4.70</i>	<i>2.030</i>
May .....	<i>1.10</i>	<i>1.60</i>	<i>1.30</i>	<i>4.10</i>	<i>3.10</i>	<i>1.60</i>	<i>1.40</i>	<i>1.60</i>	<i>2.70</i>	<i>.70</i>	<i>1.920</i>
June .....	<i>1.30</i>	<i>.70</i>	<i>3.10</i>	<i>.50</i>	<i>1.00</i>	<i>1.60</i>	<i>3.00</i>	<i>2.30</i>	<i>2.20</i>	<i>.50</i>	<i>1.620</i>
July .....	<i>2.10</i>	<i>3.70</i>	<i>2.10</i>	<i>1.70</i>	<i>2.30</i>	<i>1.70</i>	<i>4.20</i>	<i>4.50</i>	<i>2.10</i>	<i>1.30</i>	<i>2.570</i>
August .....	<i>.20</i>	<i>2.30</i>	<i>3.50</i>	<i>3.20</i>	<i>4.10</i>	<i>1.30</i>	<i>2.90</i>	<i>2.50</i>	<i>2.60</i>	<i>7.50</i>	<i>3.010</i>
September ....	<i>3.50</i>	<i>.70</i>	<i>4.00</i>	<i>3.40</i>	<i>1.50</i>	<i>3.80</i>	<i>2.20</i>	<i>4.50</i>	<i>1.70</i>	<i>3.00</i>	<i>2.830</i>
October .....	<i>4.20</i>	<i>2.60</i>	<i>3.00</i>	<i>6.60</i>	<i>6.00</i>	<i>6.00</i>	<i>1.80</i>	<i>2.80</i>	<i>6.60</i>	<i>4.20</i>	<i>4.380</i>
November ....	<i>3.70</i>	<i>2.30</i>	<i>6.10</i>	<i>7.30</i>	<i>4.60</i>	<i>2.20</i>	<i>3.30</i>	<i>5.10</i>	<i>5.90</i>	<i>2.10</i>	<i>4.260</i>
December ....	<i>4.40</i>	<i>5.40</i>	<i>5.40</i>	<i>8.10</i>	<i>6.50</i>	<i>4.60</i>	<i>7.40</i>	<i>6.80</i>	<i>2.10</i>	<i>5.80</i>	<i>5.650</i>
TOTALS ....	<i>28.50</i>	<i>21.70</i>	<i>43.70</i>	<i>47.30</i>	<i>42.10</i>	<i>33.40</i>	<i>37.20</i>	<i>41.18</i>	<i>37.10</i>	<i>49.90</i>	<i>38.208</i>



# RAINFALL AT *S. Ronaldsay Boeherry*

Lat. ....

Lon. ....

County of *Orkney*

Rain Gauge, by .....

Observer *J. Gray Esq*

Diameter ....	5										
Height .....	1. 2										
Altitude ....	101 $\overline{\pi}$										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.88	1.12	3.65	3.99	4.84	1.87	4.37	3.08	2.33	2.37	2.950
February ....	3.56	3.80	2.85	3.47	1.19	2.56	1.48	1.91	1.60	3.95	2.637
March .....	1.92	3.02	4.93	2.32	3.51	2.50	1.10	.83	2.83	2.41	2.537
April .....	1.55	1.39	2.04	1.74	.92	1.07	1.57	1.53	1.94	2.38	1.613
May .....	1.27	2.13	1.39	2.61	1.75	1.50	2.40	.98	2.50	.66	1.719
June .....	2.03	2.39	4.28	1.08	.77	1.79	2.05	1.11	1.42	.66	1.758
July .....	2.95	3.72	2.74	1.81	1.68	1.41	2.71	3.10	2.39	1.05	2.356
August .....	.47	2.37	2.84	3.05	2.79	1.31	1.97	2.11	2.73	5.99	2.563
September ....	4.24	.96	3.71	3.26	.86	4.14	1.70	4.01	1.70	2.07	2.665
October .....	3.69	3.40	2.67	3.60	6.34	4.15	2.78	2.99	4.27	3.38	3.727
November ....	5.12	2.59	5.18	3.65	3.46	1.66	2.45	3.97	4.21	1.92	3.421
December ....	4.07	3.69	4.73	4.41	3.89	2.79	4.65	2.98	2.39	3.05	3.665
TOTALS ....	32.75	30.58	41.01	34.99	32.00	26.75	29.23	28.60	30.31	29.89	31.611



RAINFALL AT *Loy, Graamsay Sound, East = High*

Lat. ....

Lon. ....

County of *Orkney*

Rain Gauge, by .....

Observer *Bd of Northern Lights*

Diameter . . . .												
Height . . . . .	<i>3.4</i>											
Altitude . . . .	<i>27?</i>											
Year . . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January . . . .	<i>2.77</i>	<i>1.37</i>	<i>4.16</i>	<i>3.24</i>	<i>5.61</i>	<i>2.33</i>	<i>5.04</i>	<i>3.54</i>	<i>3.03</i>	<i>2.95</i>	<i>3.404</i>	
February . . . .	<i>3.19</i>	<i>3.48</i>	<i>3.68</i>	<i>3.55</i>	<i>1.48</i>	<i>3.26</i>	<i>1.68</i>	<i>2.19</i>	<i>2.41</i>	<i>4.70</i>	<i>2.962</i>	
March . . . . .	<i>2.55</i>	<i>3.23</i>	<i>6.87</i>	<i>2.01</i>	<i>3.01</i>	<i>2.82</i>	<i>1.30</i>	<i>.99</i>	<i>3.25</i>	<i>2.44</i>	<i>2.847</i>	
April . . . . .	<i>1.91</i>	<i>1.45</i>	<i>1.78</i>	<i>1.76</i>	<i>1.08</i>	<i>1.63</i>	<i>1.51</i>	<i>1.99</i>	<i>2.91</i>	<i>2.37</i>	<i>1.839</i>	
May . . . . .	<i>1.89</i>	<i>2.24</i>	<i>1.76</i>	<i>3.17</i>	<i>2.46</i>	<i>4.58</i>	<i>1.53</i>	<i>1.36</i>	<i>3.08</i>	<i>1.14</i>	<i>2.321</i>	
June . . . . .	<i>1.62</i>	<i>2.79</i>	<i>2.83</i>	<i>1.17</i>	<i>1.17</i>	<i>1.54</i>	<i>2.11</i>	<i>1.03</i>	<i>.95</i>	<i>.61</i>	<i>1.582</i>	
July . . . . .	<i>3.88</i>	<i>4.19</i>	<i>2.60</i>	<i>2.25</i>	<i>2.06</i>	<i>1.50</i>	<i>2.69</i>	<i>3.28</i>	<i>1.32</i>	<i>1.15</i>	<i>2.492</i>	
August . . . . .	<i>.81</i>	<i>2.24</i>	<i>3.47</i>	<i>3.60</i>	<i>1.93</i>	<i>1.83</i>	<i>2.23</i>	<i>2.34</i>	<i>2.84</i>	<i>4.42</i>	<i>2.571</i>	
September . . . .	<i>3.71</i>	<i>1.09</i>	<i>3.68</i>	<i>3.58</i>	<i>1.69</i>	<i>3.64</i>	<i>1.70</i>	<i>4.06</i>	<i>1.82</i>	<i>2.71</i>	<i>2.768</i>	
October . . . . .	<i>4.52</i>	<i>3.83</i>	<i>2.87</i>	<i>4.20</i>	<i>5.04</i>	<i>5.22</i>	<i>2.02</i>	<i>2.63</i>	<i>5.03</i>	<i>3.30</i>	<i>3.866</i>	
November . . . .	<i>4.03</i>	<i>2.85</i>	<i>6.00</i>	<i>5.42</i>	<i>4.45</i>	<i>2.58</i>	<i>3.45</i>	<i>4.44</i>	<i>6.04</i>	<i>3.40</i>	<i>4.266</i>	
December . . . .	<i>4.41</i>	<i>5.20</i>	<i>5.02</i>	<i>4.12</i>	<i>5.33</i>	<i>4.02</i>	<i>5.57</i>	<i>4.88</i>	<i>2.85</i>	<i>3.80</i>	<i>4.520</i>	
TOTALS . . . .	<i>35.29</i>	<i>33.96</i>	<i>44.72</i>	<i>38.07</i>	<i>35.31</i>	<i>34.95</i>	<i>30.83</i>	<i>32.73</i>	<i>35.53</i>	<i>32.99</i>	<i>35.438</i>	



RAINFALL AT Hoy, Greensay Sound, West = Low

Lat. ....

Lon. ....

County of Orkney

Rain Gauge, by .....

Observer Bd. of Northern Lights

Diameter ....											
Height .....	3.4										
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	2.55	1.58	3.54	3.14	5.73	2.06	5.05	3.28	2.53	2.83	3.229
February ....	2.52	3.27	2.93	3.35	1.48	3.77	1.20	2.35	2.59	4.24	2.770
March .....	2.39	3.65	5.84	2.02	3.25	2.50	1.77	.93	3.03	2.08	2.746
April .....	2.27	1.37	2.26	1.37	1.32	1.52	1.58	2.52	2.09	2.45	1.875
May .....	1.49	1.96	2.08	3.16	2.52	1.92	2.29	1.66	2.41	.84	2.033
June .....	1.20	2.54	3.19	.61	.93	2.27	2.21	1.32	1.13	.71	1.611
July .....	4.09	4.23	2.55	2.40	2.35	1.23	2.79	3.44	2.29	1.37	2.674
August .....	.41	2.94	2.98	3.90	3.04	1.25	1.94	2.49	2.24	4.38	2.557
September ....	3.40	1.09	3.93	3.70	1.36	2.82	1.61	4.27	1.20	2.88	2.626
October .....	4.98	3.40	2.69	3.91	5.88	4.48	2.34	3.07	3.29	3.45	3.749
November ....	3.40	2.60	5.25	5.32	5.70	1.87	3.29	3.80	4.56	2.88	3.867
December ....	4.37	4.75	4.95	4.42	5.25	3.37	5.30	3.90	2.10	3.72	4.213
TOTALS ....	33.07	33.38	42.19	37.30	38.81	29.06	31.37	33.03	29.46	31.83	33.950



# RAINFALL AT

*Pomona, Swanbister*

Lat. ....

Lon. ....

County of

*Orkney*

Rain Gauge, by

Observer

*W. Irvine Fortescue Esq.*

Diameter . . . .							8				
Height . . . . .							1'0				
Altitude . . . .							69 ft				
Year . . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .							<sup>II</sup> 4.79	3.46	2.78	3.08	
February . . . .							1.84	2.06	3.51	4.54	
March . . . . .							1.52	1.38	3.29	2.82	
April . . . . .							1.86	2.07	2.73	2.18	
May . . . . .							1.97	1.87	2.92	.63	
June . . . . .							2.21	1.56	1.19	.80	
July . . . . .							3.12	3.07	2.59	1.55	
August . . . . .							2.31	3.00	2.64	5.77	
September . . . .							1.82	4.44	2.00	3.35	
October . . . .							2.33	4.52	5.24	3.81	
November . . . .							3.36	3.82	5.68	3.17	
December . . . .							6.14	4.39	2.94	3.92	
TOTALS . . . .							33.27	35.64	37.51	35.62	

1887 Orplur Church 1 1/8 mile SW

House 35 ft high 69 ft N

1890 Jan 4.06, Feb 1.57, March 4.16 T.



# RAINFALL AT *Pomona Deerness*

Lat. ....

Lon. ....

County of *Orkney*

Rain Gauge, by .....

Observer *Rev. C. Houston, L.L.D.*  
*Rev. D. Stott*

Diameter ....	<i>5</i>										
Height .....											
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>2.06</i>	<i>.90</i>									
February ....	<i>4.44</i>	<i>5.62</i>									
March .....	<i>1.86</i>	<i>2.31</i>									
April .....	<i>1.82</i>	<i>2.81</i>									
May .....	<i>1.68</i>	<i>2.96</i>									
June .....	<i>2.37</i>	<i>2.27</i>									
July .....	<i>3.31</i>	<i>6.37</i>									
August .....	<i>20</i>	<i>1.92</i>									
September ...	<i>3.25</i>	<i>.61</i>									
October .....	<i>4.15</i>	<i>3.70</i>									
November ....	<i>5.75</i>	<i>3.19</i>									
December ....	<i>4.40</i>	<i>(5.15)</i>									
TOTALS ....	<i>35.29</i>	<i>37.81</i>									

*1881 Dec? Gauge out of repair amount estimated*



# RAINFALL AT *Pomona Tankerness Hall*

Lat. ....

Lon. ....

County of *Orkney*

Rain Gauge, by .....

Observer *S. Litch, Esq*  
*J. Johnson, Jr. Esq*

Diameter ....	<i>5</i>										
Height .....	<i>0.9</i>										
Altitude ....	<i>12 L</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>2.10</i>	<i>1.71</i>	<i>3.13</i>	<i>3.29</i>	<i>4.68</i>	<i>2.18</i>					
February ....	<i>3.33</i>	<i>2.79</i>	<i>3.08</i>	<i>2.94</i>	<i>1.50</i>	<i>3.10</i>					
March .....	<i>2.05</i>	<i>2.85</i>	<i>4.52</i>	<i>2.18</i>	<i>3.63</i>	<i>3.19</i>					
April .....	<i>1.57</i>	<i>1.12</i>	<i>2.25</i>	<i>1.57</i>	<i>.92</i>	<i>.95</i>					
May .....	<i>1.66</i>	<i>2.00</i>	<i>1.20</i>	<i>2.67</i>	<i>2.25</i>	<i>1.75</i>					
June .....	<i>2.11</i>	<i>1.95</i>	<i>3.41</i>	<i>.99</i>	<i>1.16</i>	<i>1.92</i>					
July .....	<i>2.48</i>	<i>3.80</i>	<i>2.37</i>	<i>2.02</i>	<i>1.44</i>	<i>1.49</i>					
August .....	<i>.36</i>	<i>2.59</i>	<i>2.79</i>	<i>3.27</i>	<i>2.25</i>	<i>1.04</i>					
September ....	<i>3.92</i>	<i>.88</i>	<i>3.79</i>	<i>3.20</i>	<i>1.54</i>	<i>3.66</i>					
October .....	<i>3.65</i>	<i>3.86</i>	<i>2.62</i>	<i>4.03</i>	<i>5.98</i>	<i>4.03</i>					
November ....	<i>4.15</i>	<i>2.38</i>	<i>4.58</i>	<i>4.44</i>	<i>4.21</i>	<i>1.88</i>					
December ....	<i>4.04</i>	<i>4.37</i>	<i>4.23</i>	<i>4.47</i>	<i>4.52</i>	<i>4.19</i>					
TOTALS ....	<i>31.42</i>	<i>30.30</i>	<i>37.97</i>	<i>35.07</i>	<i>34.08</i>	<i>29.38</i>					

*St. Andrews 1 mile SW*  
*Houses 15-20 ft high 60 ft H*



# RAINFALL AT ~~Pomona~~ Kirkwall

Lat. .... Lon. .... County of Orkney  
 Rain Gauge, by ..... Observer M<sup>r</sup> J W Curator

Diameter ....			3							5	
Height .....			6								
Altitude ....	40		30								
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January....	4.83	3.24	3.90	3.71	5.76	2.52	5.83			3.40	
February....	6.52	7.08	3.01	3.49	1.52	3.13	1.94			4.66	
March .....	4.90	5.94	5.39	2.33	4.25	3.66	1.53		3.07	3.96	
April .....	2.86	1.83	1.85	1.46	.73	1.50	1.87 <sup>11</sup>	1.84	1.82	2.38	
May .....	2.57	2.27	1.14	2.39	2.29	1.96	2.16	1.05	2.89	.52	
June .....	2.85	2.20	3.25	.96	.94	2.05	1.60	1.39	1.01	.66	
July .....	2.61	3.96	2.78	1.92	1.57	1.37	3.34	2.79	2.30	1.03	
August .....	.31	3.61	2.95	3.73	2.80	1.32	2.20	2.27	2.71	5.19	
September....	9.21	.75	4.21	2.97	1.28	4.15	1.62	3.44	1.32	2.78	
October .....	6.73	3.53	3.38	4.46	5.93	4.49	1.99	4.46	4.98	3.20	
November....	8.84	2.44	5.35	4.59	4.38	2.45	2.62	4.38	6.18	2.63	
December....	6.70	4.96	6.01	5.44	5.38	4.59	6.04 <sup>11</sup>	4.00	3.22	4.71	
TOTALS ....	58.93	41.81	43.22	37.45	36.83	33.19	32.74			35.12	

St-Magnus Cathedral 300 yards S  
 Garden Wall 6ft 6in. high 16ft N.  
 1887



RAINFALL AT *Shapinsay, Balfour Castle*

Lat. ....

Lon. ....

County of *Orkney*

Rain Gauge, by .....

Observer *Col. Balfour*

Diameter . . . .	<i>4</i>										
Height . . . . .	<i>0.6</i>										
Altitude . . . .	<i>50</i>										
Year . . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .	<i>2.30</i>	<i>.90</i>	<i>2.40</i>	<i>3.00</i>	<i>6.10</i>	<i>2.00</i>	<i>6.00</i>	<i>4.00</i>	<i>2.50</i>	<i>3.40</i>	<i>3.260</i>
February . . . .	<i>4.20</i>	<i>5.00</i>	<i>3.50</i>	<i>3.40</i>	<i>1.00</i>	<i>2.50</i>	<i>1.00</i>	<i>1.80</i>	<i>2.00</i>	<i>4.00</i>	<i>2.840</i>
March . . . . .	<i>2.10</i>	<i>2.80</i>	<i>5.60</i>	<i>1.80</i>	<i>3.80</i>	<i>3.00</i>	<i>.80</i>	<i>1.30</i>	<i>2.60</i>	<i>3.50</i>	<i>2.730</i>
April . . . . .	<i>1.30</i>	<i>1.00</i>	<i>2.00</i>	<i>1.90</i>	<i>.50</i>	<i>1.00</i>	<i>1.50</i>	<i>1.70</i>	<i>2.00</i>	<i>1.40</i>	<i>1.430</i>
May . . . . .	<i>1.20</i>	<i>1.50</i>	<i>.80</i>	<i>2.80</i>	<i>1.80</i>	<i>1.60</i>	<i>2.40</i>	<i>.50</i>	<i>2.20</i>	<i>.40</i>	<i>1.520</i>
June . . . . .	<i>1.50</i>	<i>1.80</i>	<i>2.80</i>	<i>.60</i>	<i>.80</i>	<i>3.00</i>	<i>1.50</i>	<i>1.20</i>	<i>.80</i>	<i>.30</i>	<i>1.430</i>
July . . . . .	<i>2.00</i>	<i>4.50</i>	<i>2.20</i>	<i>1.60</i>	<i>1.60</i>	<i>1.50</i>	<i>3.50</i>	<i>3.00</i>	<i>1.90</i>	<i>.50</i>	<i>2.230</i>
August . . . . .	<i>.20</i>	<i>1.80</i>	<i>1.40</i>	<i>3.60</i>	<i>2.60</i>	<i>1.10</i>	<i>1.60</i>	<i>1.40</i>	<i>2.50</i>	<i>5.80</i>	<i>2.200</i>
September . . . .	<i>4.60</i>	<i>.60</i>	<i>4.50</i>	<i>4.40</i>	<i>1.50</i>	<i>3.80</i>	<i>1.30</i>	<i>2.20</i>	<i>1.10</i>	<i>3.00</i>	<i>2.700</i>
October . . . . .	<i>3.50</i>	<i>3.50</i>	<i>2.80</i>	<i>4.00</i>	<i>7.10</i>	<i>4.30</i>	<i>1.60</i>	<i>3.00</i>	<i>4.20</i>	<i>2.50</i>	<i>3.650</i>
November . . . .	<i>5.40</i>	<i>2.10</i>	<i>5.00</i>	<i>4.30</i>	<i>4.60</i>	<i>3.00</i>	<i>2.10</i>	<i>3.20</i>	<i>5.00</i>	<i>2.50</i>	<i>3.720</i>
December . . . .	<i>4.00</i>	<i>4.60</i>	<i>4.50</i>	<i>3.40</i>	<i>5.20</i>	<i>3.80</i>	<i>5.80</i>	<i>3.40</i>	<i>2.50</i>	<i>4.00</i>	<i>4.120</i>
TOTALS . . . .	<i>32.30</i>	<i>30.10</i>	<i>37.50</i>	<i>34.80</i>	<i>36.60</i>	<i>38.60</i>	<i>29.10</i>	<i>26.70</i>	<i>29.30</i>	<i>31.30</i>	<i>31.830</i>

*Shapinsay Church 2 miles E**Hydro No 765745*



# RAINFALL AT *Pomona, Sandwich* Mass

Lat. ....

Lon. ....

County of *Orkney*

Rain Gauge, by .....

Observer *Geo C. Clouston LL.D.*

Diameter ....	<i>11</i>											
Height .....	<i>2.0</i>											
Altitude ....	<i>78</i>											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>2.40</i>	<i>2.57</i>	<i>3.15</i>	<i>3.09</i>	<i>5.33</i>	<i>2.14</i>						
February ....	<i>3.91</i>	<i>5.30</i>	<i>3.20</i>	<i>3.46</i>	<i>1.34</i>	<i>3.63</i>						
March .....	<i>2.91</i>	<i>3.43</i>	<i>5.81</i>	<i>2.56</i>	<i>3.63</i>	<i>2.63</i>						
April .....	<i>1.72</i>	<i>1.53</i>	<i>1.90</i>	<i>1.75</i>	<i>.76</i>	<i>1.43</i>						
May .....	<i>1.66</i>	<i>1.56</i>	<i>1.37</i>	<i>2.94</i>	<i>2.08</i>	<i>1.70</i>						
June .....	<i>2.30</i>	<i>2.51</i>	<i>3.43</i>	<i>.98</i>	<i>1.59</i>	<i>2.50</i>						
July .....	<i>3.55</i>	<i>4.47</i>	<i>2.44</i>	<i>1.85</i>	<i>2.54</i>	<i>1.52</i>						
August .....	<i>1.00</i>	<i>3.42</i>	<i>2.59</i>	<i>3.15</i>	<i>2.81</i>	<i>1.68</i>						
September ....	<i>4.16</i>	<i>.77</i>	<i>3.04</i>	<i>3.67</i>	<i>1.69</i>	<i>3.78</i>						
October .....	<i>4.28</i>	<i>3.44</i>	<i>3.10</i>	<i>4.03</i>	<i>5.40</i>	<i>4.68</i>						
November ....	<i>4.28</i>	<i>3.04</i>	<i>4.02</i>	<i>4.94</i>	<i>3.94</i>	<i>2.07</i>						
December ....	<i>4.54</i>	<i>4.92</i>	<i>4.72</i>	<i>4.72</i>	<i>4.31</i>	<i>(3.85)</i>						
TOTALS ....	<i>36.71</i>	<i>36.96</i>	<i>38.77</i>	<i>37.14</i>	<i>35.42</i>	<i>(31.56)</i>						

Hyd. Sta. No: *92- 766269 766533*

N.R: *HY (310) 254210 251172*

alt *24m*



# RAINFALL AT *Stronsay Auckerry*

Lat. ....

Lon. ....

County of *Orkney*

Rain Gauge, by .....

Observer. *Bd of Northern Lights*

Diameter ....											
Height .....											
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.60	.15	.20	1.22	1.87	.33	.46	.99	.40		
February ....	3.30	.73	.24	1.09	.89	.61	.25	.50	.50		
March .....	1.60	1.24	.70	.86	1.13	.74	.34	.36	.41		
April .....	1.00	.40	.40	.94	.42	.49	.41	.42	.22		
May .....	1.00	1.25	.41	1.19	1.47	.35	.37	.19	.18		
June .....	.90	1.80	1.25	.29	.64	.52	.41	.33	1.90	.10	
July .....	2.50	1.27	.40	.98	.83	.29	.56	.40	3.20	.64	
August .....	.10	2.07	1.07	1.28	.19	.07	.60	.49	.41	6.03	
September ....	2.00	1.30	1.12	.74		.54	.57	.75	.46	3.95	
October .....	2.50	1.35	1.50	1.34	1.03	.60	.60	.71		2.71	
November ....	1.80	.38	2.50	2.00	1.00	.47	.71	.38		2.62	
December ....	.25	.66	2.41	1.93	.41	.59	.56	.83		4.08	
TOTALS ....	18.55	12.60	12.20	13.86		5.60	5.84	6.35			

1881 Record incorrect.



# RAINFALL AT *Sanda Start-Point*

5828

Lat. ....

Lon. ....

County of

*Orkney*

Rain Gauge, by

Observer

*Bd of Northern Lights*

Diameter ....	<i>11</i>											
Height .....	<i>0.6</i>											
Altitude ....	<i>29?</i>											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	<i>.75</i>	<i>1.05</i>	<i>2.07</i>	<i>3.57</i>	<i>4.58</i>	<i>1.20</i>	<i>5.65</i>	<i>5.35</i>	<i>3.18</i>	<i>2.03</i>	<i>2.943</i>	
February ....	<i>3.86</i>	<i>3.72</i>	<i>2.74</i>	<i>3.78</i>	<i>1.10</i>	<i>2.38</i>	<i>1.40</i>	<i>1.55</i>	<i>1.84</i>	<i>2.79</i>	<i>2.516</i>	
March .....	<i>2.20</i>	<i>3.00</i>	<i>3.64</i>	<i>1.98</i>	<i>3.20</i>	<i>3.75</i>	<i>1.85</i>	<i>.60</i>	<i>2.09</i>	<i>1.87</i>	<i>2.418</i>	
April .....	<i>2.05</i>	<i>.90</i>	<i>1.60</i>	<i>2.15</i>	<i>.75</i>	<i>.85</i>	<i>.90</i>	<i>2.40</i>	<i>1.70</i>	<i>.79</i>	<i>1.409</i>	
May .....	<i>1.22</i>	<i>1.65</i>	<i>1.15</i>	<i>1.95</i>	<i>2.95</i>	<i>1.60</i>	<i>1.55</i>	<i>.90</i>	<i>1.29</i>	<i>.33</i>	<i>1.459</i>	
June .....	<i>.34</i>	<i>1.34</i>	<i>4.07</i>	<i>nil.</i>	<i>.65</i>	<i>1.30</i>	<i>.85</i>	<i>1.50</i>	<i>.84</i>	<i>(.25)</i>	<i>1.114</i>	
July .....	<i>2.05</i>	<i>2.62</i>	<i>1.49</i>	<i>1.80</i>	<i>2.41</i>	<i>1.15</i>	<i>3.30</i>	<i>2.10</i>	<i>1.30</i>	<i>1.70</i> <i>(1.45)</i>	<i>1.987</i>	
August .....	<i>.27</i>	<i>.95</i>	<i>2.13</i>	<i>3.00</i>	<i>1.70</i>	<i>.55</i>	<i>.45</i>	<i>1.60</i>	<i>1.97</i>	<i>6.92</i>	<i>1.954</i>	
September ....	<i>3.20</i>	<i>.58</i>	<i>3.76</i>	<i>4.33</i>	<i>1.40</i>	<i>2.35</i>	<i>1.00</i>	<i>2.15</i>	<i>1.57</i>	<i>2.02</i>	<i>2.236</i>	
October .....	<i>3.60</i>	<i>2.20</i>	<i>3.05</i>	<i>3.17</i>	<i>3.71</i>	<i>3.80</i>	<i>1.15</i>	<i>1.61</i>	<i>5.12</i>	<i>3.19</i>	<i>3.060</i>	
November ....	<i>2.65</i>	<i>2.60</i>	<i>4.58</i>	<i>3.10</i>	<i>3.50</i>	<i>1.78</i>	<i>1.75</i>	<i>2.60</i>	<i>3.30</i>	<i>2.45</i>	<i>2.831</i>	
December ....	<i>4.30</i>	<i>3.52</i>	<i>5.20</i>	<i>2.95</i>	<i>2.53</i>	<i>2.00</i>	<i>4.15</i>	<i>2.65</i>	<i>1.45</i>	<i>3.04</i>	<i>3.179</i>	
TOTALS ....	<i>26.49</i>	<i>24.33</i>	<i>35.48</i>	<i>31.78</i>	<i>28.48</i>	<i>22.71</i>	<i>24.00</i>	<i>25.01</i>	<i>25.65</i>	<i>27.13</i>	<i>27.106</i>	



RAINFALL AT *North Ronaldsay*

Lat. ....

Lon. ....

County of *Orkney*

Rain Gauge, by .....

Observer *Bd of Northern Lights*

Diameter . . . .											
Height . . . . .	3.4										
Altitude . . . .	21?										
Year . . . . .	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January . . . .	1.92	1.57	2.82	4.80	5.65	1.80	4.00	3.35	2.70	2.45	3.106
February . . . .	5.19	3.80	4.41	4.37	1.70	2.50	1.75	2.40	1.30	2.29	2.971
March . . . . .	2.21	3.50	4.28	3.94	3.50	3.50	1.35	.75	2.37	2.03	2.743
April . . . . .	1.26	.85	3.44	1.80	1.20	1.00	2.10	2.05	2.57	.44	1.671
May . . . . .	2.12	2.23	1.30	2.15	2.70	2.14	2.10	1.10	1.32	.55	1.771
June . . . . .	.60	1.19	3.71	.40	.70	2.25	1.75	1.25	.15	.15	1.215
July . . . . .	2.61	3.20	2.57	2.95	2.55	1.95	4.05	2.27	1.53	.90	2.458
August . . . . .	.13	2.26	1.72	2.55	1.35	.80	1.60	1.89	2.95	5.22	2.047
September . . . .	3.76	.86	3.15	3.90	1.65	3.95	1.35	2.53	.80	1.47	2.342
October . . . . .	2.84	3.35	2.99	3.75	4.25	3.05	2.15	1.83	4.26	3.22	3.169
November . . . .	5.82	3.11	4.16	4.20	4.95	2.20	2.84	2.86	3.67	2.37	3.618
December . . . .	4.62	4.19	4.48	4.65	4.35	3.55	4.80	3.76	1.35	2.63	3.838
TOTALS . . . .	33.08	30.11	39.03	39.46	34.55	28.69	29.84	26.04	24.97	23.72	30.949







# RAINFALL AT *Sumburghhead*

Lat. ....

Lon. ....

County of *Shetland*

Rain Gauge, by .....

Observer *Ed of Northern Lights*

Diameter ....											
Height .....											
Altitude ....											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	1.51	.60	2.41	3.11	4.06	.91	3.54	4.77	1.57	3.90	2.638
February ....	3.61	2.13	3.01	3.32	1.83	3.50	1.52	2.57	2.11	2.85	2.645
March .....	2.35	2.26	2.40	1.18	3.19	2.24	1.16	.98	.80	3.53	2.009
April .....	1.89	.39	.71	.74	1.17	1.25	1.51	1.25	1.32	.72	1.095
May .....	1.59	2.13	.63	2.27	2.55	1.03	1.93	.54	1.17	.37	1.421
June .....	.48	1.25	1.06	1.51	.99	1.39	1.86	1.31	.75	.15	1.075
July .....	1.32	3.44	.76	2.07	1.35	1.36	4.10	2.81	1.80	.96	1.997
August .....	3.53	1.24	2.39	2.60	1.83	1.59	1.44	1.07	1.38	5.55	2.262
September ....	4.15	.91	3.15	4.44	2.53	2.92	1.72	2.13	.58	2.15	2.468
October .....	1.64	3.06	2.34	4.45	3.78	2.57	1.58	1.11	3.21	3.83	2.757
November ....	2.23	3.17	3.70	4.30	2.99	2.38	3.25	1.32	2.47	2.55	2.836
December ....	3.02	4.51	4.16	3.47	4.72	3.27	3.09	1.73	2.57	3.66	3.420
TOTALS ....	27.32	25.09	26.72	33.46	30.99	24.41	26.70	21.59	19.73	30.22	26.623



# RAINFALL AT *Sumburghhead Duncrobes*

Lat. ....

Lon. ....

County of *Shetland*

Rain Gauge, by .....

Observer: *The Meteor. Council*



Diameter ....	<i>8</i>										
Height .....	<i>1. 0</i>										
Altitude ....	<i>84</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....	<i>2.18</i>	<i>3.77</i>	<i>3.15</i>	<i>3.22</i>	<i>5.27</i>	<i>2.00</i>	<i>4.44</i>	<i>4.14</i>	<i>3.32</i>	<i>3.77</i>	<i>3.526</i>
February ....	<i>5.61</i>	<i>3.01</i>	<i>3.64</i>	<i>3.70</i>	<i>2.80</i>	<i>3.73</i>	<i>2.09</i>	<i>3.61</i>	<i>2.94</i>	<i>3.77</i>	<i>3.490</i>
March .....	<i>2.57</i>	<i>5.06</i>	<i>4.16</i>	<i>1.75</i>	<i>3.80</i>	<i>3.51</i>	<i>1.44</i>	<i>1.42</i>	<i>1.37</i>	<i>2.68</i>	<i>2.776</i>
April .....	<i>2.04</i>	<i>.85</i>	<i>2.25</i>	<i>1.53</i>	<i>1.65</i>	<i>1.33</i>	<i>2.28</i>	<i>1.72</i>	<i>2.34</i>	<i>.95</i>	<i>1.694</i>
May .....	<i>1.63</i>	<i>2.40</i>	<i>.98</i>	<i>2.76</i>	<i>3.29</i>	<i>1.96</i>	<i>2.44</i>	<i>1.47</i>	<i>2.52</i>	<i>.81</i>	<i>2.026</i>
June .....	<i>.68</i>	<i>2.75</i>	<i>2.60</i>	<i>1.68</i>	<i>1.48</i>	<i>2.19</i>	<i>2.06</i>	<i>1.52</i>	<i>1.80</i>	<i>.43</i>	<i>1.719</i>
July .....	<i>1.97</i>	<i>3.69</i>	<i>1.90</i>	<i>1.67</i>	<i>1.91</i>	<i>1.71</i>	<i>4.32</i>	<i>2.84</i>	<i>1.68</i>	<i>2.03</i>	<i>2.372</i>
August .....	<i>3.59</i>	<i>1.58</i>	<i>2.65</i>	<i>3.59</i>	<i>2.04</i>	<i>1.92</i>	<i>1.84</i>	<i>2.51</i>	<i>2.68</i>	<i>5.79</i>	<i>2.819</i>
September ....	<i>4.96</i>	<i>.88</i>	<i>3.50</i>	<i>2.89</i>	<i>4.70</i>	<i>4.65</i>	<i>3.11</i>	<i>3.13</i>	<i>1.53</i>	<i>2.81</i>	<i>3.216</i>
October .....	<i>3.08</i>	<i>3.60</i>	<i>2.52</i>	<i>4.99</i>	<i>4.59</i>	<i>3.59</i>	<i>2.76</i>	<i>2.65</i>	<i>5.87</i>	<i>4.41</i>	<i>3.806</i>
November ....	<i>3.46</i>	<i>3.86</i>	<i>5.47</i>	<i>5.42</i>	<i>4.50</i>	<i>2.92</i>	<i>4.38</i>	<i>3.12</i>	<i>4.08</i>	<i>2.83</i>	<i>4.004</i>
December ....	<i>4.86</i>	<i>5.21</i>	<i>4.50</i>	<i>4.16</i>	<i>6.71</i>	<i>4.01</i>	<i>4.68</i>	<i>3.97</i>	<i>3.91</i>	<i>5.45</i>	<i>4.746</i>
TOTALS ....	<i>36.63</i>	<i>36.66</i>	<i>37.32</i>	<i>37.36</i>	<i>42.74</i>	<i>33.52</i>	<i>35.84</i>	<i>32.10</i>	<i>34.04</i>	<i>35.73</i>	<i>36.194</i>

*Nyd. Stn. No. 93-764463*

*NQR: HU (411) 404094*

*alt 26m*



# RAINFALL AT *Bressay Lighthouse*

Lat. ....

Lon. ....

County of

*Shetland*

Rain Gauge, by

Observer

*Ed of Northern Lights*

Diameter ....	5											
Height .....	0.4											
Altitude ....	60											
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ....	1.15	1.15	2.50	3.55	8.05	2.27	6.33	4.47	3.80	4.97	3.824	
February ....	6.25	5.05	3.70	5.00	2.50	5.76	2.04	3.87	3.32	3.51	4.100	
March .....	2.60	3.65	7.45	2.65	4.37	5.27	1.93	1.96	2.11	3.33	3.532	
April .....	2.30	1.10	1.45	.45	2.15	1.32	3.20	2.15	3.15	1.21	1.848	
May .....	1.10	1.70	.60	.80	3.47	.99	2.95	1.62	2.20	.47	1.590	
June .....	.20	.90	1.35	.85	1.38	2.03	1.97	1.35	1.87	.48	1.238	
July .....	1.90	3.05	3.05	1.45	1.39	1.43	4.16	2.75	2.37	3.71	2.526	
August .....	1.03	1.35	1.55	2.18	2.17	2.20	2.25	2.46	4.66	8.55	2.840	
September ....	2.95	.75	3.55	3.10	4.66	5.99	3.25	3.00	1.30	3.30	3.185	
October .....	2.05	2.95	1.70	4.94	7.29	3.63	3.79	3.11	6.29	5.83	4.158	
November ....	3.10	6.45	5.85	4.65	8.46	3.51	3.76	4.15	6.37	3.58	4.988	
December ....	6.05	3.30	5.65	4.20	10.17	5.28	5.07	4.14	5.07	5.33	5.426	
TOTALS ....	30.68	31.40	38.40	33.82	56.06	39.68	40.70	35.03	42.51	44.27	39.255	



# RAINFALL AT *Lerwick, Montfield*

Lat. ....

Lon. ....

County of

*Shetland*

Rain Gauge, by

Observer

*J. M. Goudie Esq.*

Diameter ....					5						
Height .....					1.0						
Altitude ....					60?						
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ....					7.47	2.14	6.07				
February ....					3.25	3.76	2.73				
March .....					4.84	4.49	1.52				
April .....					1.91	1.60	2.90				
May .....					3.18	2.24	3.11				
June .....					1.73	2.23	2.32				
July .. .....					2.07	1.67	4.01				
August .....					2.86	2.08	1.43				
September....					3.99	5.33	3.52				
October .....					6.49	3.50	3.37				
November....					5.62	3.84	5.11				
December ....					7.69	4.89	6.15				
TOTALS .....					51.10	37.77	42.24	91. R.			

1884 Lerwick Church  $\frac{1}{2}$  mile S.E. by E  
Wall 4 ft. 6 in. high 30 ft N



# RAINFALL AT *Delting Olnafirth Public School*

Lat. ....

Lon. .... County of *Shetland*

Rain Gauge, by .....

Observer *J. Irvine*

Diameter ....				5							
Height .....				1 -							
Altitude ....				158 T							
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January .....					6.79	2.21					
February .....					3.10	3.51					
March .....					5.21	3.97					
April .....				<sup>#</sup> 2.77	2.00	1.65					
May .....				2.20	3.84	1.79					
June .....				1.92	1.66	2.76					
July .....				1.99	2.54	1.67					
August .....				3.24	2.20						
September .....				2.57	2.47						
October .....				6.96	3.44						
November .....				7.37	5.71						
December .....				4.05	6.91						
TOTALS .....					45.87						

*Olnafirth Church* <sup>5hr.</sup> 34 ft. N.  
house 24 ft. high 34 ft. N.



# RAINFALL AT East Yell

Lat. ....

Lon. .... County of Shetland

Rain Gauge, by .....

Observer W<sup>h</sup> A D Mathewson

Diameter ....	5										
Height .....	1.0										
Altitude ....	180										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January... ..	2.12	2.81									
February ....	5.70	3.13									
March .....	3.18	3.50									
April .....	2.67	2.13									
May .....	2.54	1.81									
June .....	1.04	1.50									
July .....	1.46	4.13									
August .....	1.32	2.32									
September ...	5.37	1.24									
October ....	3.62	2.11									
November ...	5.42	4.86									
December ....	4.24	5.33									
TOTALS ....	38.68	34.87	NR								

Nyx Sta. no. 93- 760242

NGR: HU (411) 519862

alt. 54m



