

RAINFALL AT *Kingussie*

Lat. Lon. County of *Inverness*

Rain Gauge, by Observer *J. Campbell R.G.R.*
Spey, L. bank - 3.

Diameter											
Height											
Altitude						<i>761</i>				<i>828</i>	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							<i>1.83</i>	<i>.47</i>	<i>2.33</i>	<i>2.92</i>	
February							<i>1.57</i>	<i>1.89</i>	<i>3.66</i>	<i>1.29</i>	
March						<i>5.13</i>	<i>3.11</i>	<i>2.13</i>	<i>2.20</i>	<i>2.15</i>	
April						<i>1.46</i>	<i>1.64</i>	<i>1.39</i>	<i>1.79</i>	<i>3.11</i>	
May						<i>1.51</i>	<i>.74</i>	<i>2.11</i>	<i>1.87</i>	<i>1.78</i>	
June						<i>1.81</i>	<i>2.52</i>	<i>3.53</i>	<i>1.60</i>	<i>1.03</i>	
July						<i>2.37</i>	<i>2.53</i>	<i>1.41</i>	<i>1.27</i>	<i>2.52</i>	
August							<i>1.36</i>	<i>2.91</i>	<i>4.22</i>	<i>1.03</i>	
September....							<i>3.29</i>	<i>1.72</i>	<i>3.41</i>	<i>4.83</i>	
October							<i>3.95</i>	<i>1.69</i>	<i>2.98</i>	<i>3.23</i>	
November....							<i>.88</i>	<i>1.78</i>	<i>3.69</i>	<i>4.73</i>	
December							<i>3.05</i>	<i>3.81</i>	<i>7.80</i>	<i>2.54</i>	
TOTALS							<i>26.47</i>	<i>24.84</i>	<i>36.82</i>	<i>31.16</i>	<i>0.500</i>

Computation accurate x 12

RAINFALL AT *Aviemore* *Marise of Alvie*

Lat.

Lon.

County of *Inverness East*

Rain Gauge, by

Observer

R. J. Anderson

Spey, L. bank - 3

Diameter								5			
Height								1 - 0			
Altitude								720T			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									2.65	3.38	
February									3.28	1.31	
March									2.06	1.99	
April									1.13	3.22	
May									1.87	3.01	
June									2.23	.65	
July									1.28	3.38	
August									2.77	1.45	
September								# 2.89	2.97	4.82	
October								1.39	2.64	2.17	
November								2.21	2.52	3.40	
December								4.20	4.55	2.12	
TOTALS									29.95	30.90	

Alvie Church 100 yards E

RAINFALL AT Aviemore H.R.S.

Lat. Lon. County of East Inverness

Rain Gauge, by Observer The Station Agent

Spy - 3.

Diameter	5											
Height	10											
Altitude	710											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.69	2.12	5.89	2.89	4.49	3.83	2.31	1.72	2.37	.309	2.061	
February ....	.45	1.05	1.53	3.87	6.45	.93	1.01	1.56	3.97	.409	2.122	
March	3.24	3.29	1.54	.97	2.60	3.05	3.00	2.12	2.05	8.90	3.076	
April	1.45	.80	.83	1.16	.78	1.69	1.96	1.44	1.63	2.06	1.380	
May	1.22	2.90	1.71	.96	3.03	1.49	.99	2.09	1.90	2.95	1.924	
June	2.31	.47	1.73	2.55	1.68	2.73	3.35	3.93	1.26	.70	2.071	
July	3.32	3.72	2.73	1.59	2.96	2.85	3.09	1.38	1.43	2.90	2.597	
August	2.89	3.92	4.35	3.88	4.84	3.42	1.95	3.03	1.78	.78	3.084	
September	1.77	2.78	3.79	3.72	.98	2.25	4.38	2.91	3.89	5.16	2.163	
October	4.27	1.51	5.55	3.48	1.62	3.80	5.12	1.50	1.81	1.19	2.985	
November	3.20	1.09	2.02	3.25	1.31	2.68	1.02	2.25	2.26	4.75	2.383	
December	1.09	3.91	2.34	3.51	3.25	3.36	3.25	5.41	3.86	1.20	3.118	
TOTALS	29.90	27.56	34.01	31.83	33.99	32.08	31.43	29.34	28.21	31.29	20.964	

Jan - Mar. suggests snow melting in March.

Total appears fairly accurate. e.s.

RAINFALL AT Muckerach Lodge [Grantown]

Lat. Lon. County of Inverness

Rain Gauge, by Observer Mr. J. Fraser

Stey- 3.

Diameter								5			
Height								1 3			
Altitude								750			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									1.81	2.49	
February									2.93	1.51	
March									2.45	2.60	
April									1.57	3.28	
May									2.54	2.12	
June									1.75	1.53	
July									1.71	4.04	
August									3.10	2.09	
September....								3.09	3.10	4.77	
October								1.06	2.47	1.65	
November....								2.17	2.78	2.68	
December								3.10	3.30	3.32	
TOTALS . . .									29.51	32.08	

D 3 D

1897 (Sept-Dec.) - 1909 read. 23.4.11; entd 25.4.11.12

RAINFALL AT *Inverness Culloden House*

Lat.

Lon.

County of *East Inverness*

Rain Gauge, by

Observer

D. Forbes Esq

rain - 5.

Diameter	6				4							
Height	4 0											
Altitude	104 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.39	1.31	1.73	.97	1.20	2.19						
February ....	.53	1.31	1.92	2.96	3.15	.15						
March	2.57	1.05	1.48	.56	1.40	2.47						
April .....	.49	.50	.61	1.13	.17	1.29						
May .....	.68	2.06	1.72	.57	3.01	1.62						
June	1.91	.25	2.24	1.96	1.35	3.98						
July	3.45	6.51	1.52	2.76	3.38	2.57						
August	3.74	2.60	3.12	2.39	4.40	2.77						
September	1.71	2.00	2.43	3.04	.69	1.84						
October	3.73	.81	5.37	3.33	1.17	2.50						
November	1.93	.34	1.31	3.37	.29	1.70						
December ....	.55	2.48	1.37	1.38	1.05	.80						
TOTALS	24.68	21.22	24.82	24.42	21.26	23.88	<i>obs</i>					

obs
Deod

Hyd Sta. No. 88-805570

NGR: NH (28) 722464

alt. 32m

RAINFALL AT

Fort Augustus

Lat. $57^{\circ} 8' 39''$

Lon. $4^{\circ} 41' W$

County of E Inverness

Rain Gauge, by

Observer

H. J. Morton Esq C.E.

has, R. bank - 6.

Diameter									5		
Height									10		
Altitude									98*		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									# 7.33	5.58	
February									7.17	2.45	
March									3.89	3.27	
April									2.90	4.36	
May									2.71	1.95	
June									2.11	2.44	
July									1.72	2.89	
August									4.53	.54	
September....									4.26	6.79	
October									4.29	4.99	
November....									4.81	11.25	
December									13.49	3.08	
TOTALS									59.21	49.59	

RAINFALL AT Fort Augustus

Lat.

Lon.

County of East Inverness

Rain Gauge, by

Observer Rev E. G. Cody

new - 6.

Rev M. Wall

Diameter	5											
Height	16											
Altitude	68											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	10.87	5.80	6.56	3.24	8.43	1.55	5.32	1.12	6.80	5.16	5.485	
February ....	.66	3.99	1.96	5.53	11.91	.86	4.34	4.20	6.90	2.12	4.247	
March	5.91	3.19	1.46	2.23	6.64	4.80	6.01	4.11	3.32	3.10	4.077	
April	2.19	.76	1.38	1.61	.51	2.69	2.26	2.54	2.67	3.87	2.048	
May	1.79	2.39	3.19	1.23	2.48	1.25	.89	2.86	2.20	2.05	2.033	
June	3.87	1.88	2.36	1.26	1.95	4.11	2.80	2.71	1.76	1.33	2.403	
July	4.74	4.11	2.90	3.08	3.77	3.45	2.09	2.51	1.66	2.61	3.092	
August	3.16	5.13	4.84	3.29	5.47	5.06	2.61	3.49	3.74	.49	3.728	
September....	3.43	6.83	6.85	5.05	.41	3.53	4.28	5.16	4.38	6.44	4.636	
October	6.78	3.29	4.87	7.54	1.70	4.16	6.25	2.90	4.62	4.52	4.663	
November....	5.27	2.78	5.03	4.37	5.35	6.28	1.47	3.38	3.97	8.05	4.595	
December ....	.63	8.09	3.09	8.89	6.03	5.70	4.33	6.85	12.23	2.59	5.843	
TOTALS	49.30	48.24	44.49	47.32	54.65	43.44	42.65	41.83	54.25	42.33	46.850	

1890 Tower 125 ft high 130 ft W.S.W

1891 From Met. Office values. The amounts printed in the Reg. Gen. Returns differ in 9 months, owing probably to entry to different day.

RAINFALL AT Killin

Lat. Lon. County of East Inverness

..... Rain Gauge, by Observer British Aluminium Co
W Murray Morrison Esq

ness - 6.

Diameter									5		
Height									1 0		
Altitude							1060		1200		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							# 3.39	2.90	5.00	4.20	
February							7.71	5.50	8.00	1.80	
March							7.76	7.00	9.60	3.20	
April							4.15	4.00	4.40	4.30	
May							1.60	5.30	3.60	2.00	
June							4.60	3.60	1.90	1.10	
July							2.78	3.50	3.40	3.00	
August							3.69	5.80	4.00	1.20	
September							6.55	4.10	1.10	7.50	
October							15.90	4.00	4.70	3.60	
November							3.50	4.00	5.90	6.80	
December							5.50	6.40	10.20	3.20	
TOTALS							(67.13)	56.10	61.80	41.90	

1898 Baleoknie + Aberstaff Church 6 miles N

RAINFALL AT *Whitebridge* ~~Stratherrick~~ *Garthbeg*

Lat. Lon. County of *Inverness*

Rain Gauge, by Observer *British Aluminium Co.*
W Murray Morrison Esq

ness - 6.

Diameter									5		
Height									10		
Altitude							650	1060	645		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							2.46	1.00	4.00	2.86	
February							2.06	2.84	4.45	1.75	
March							4.07	2.44	2.85	2.44	
April							1.92	2.00	1.00	3.35	
May .....							.86	2.34	2.55	1.84	
June							3.52	2.94	1.15	1.03	
July							2.06	2.40	1.95	2.89	
August							2.18	2.87	5.05	.54	
September....							3.74	4.04	3.23	3.78	
October							6.61	1.70	3.08	2.82	
November							1.15	2.50	3.92	5.88	
December							2.80	4.88	9.13	2.04	
TOTALS							(33.43)	31.95	42.36	31.22	

1896 Gauge at *Whitebridge* till end of June
 1898 Sept 1st Gauge moved $\frac{1}{4}$ mile N
 1899 *Balesknie Church* 1 mile N

RAINFALL AT Loch Ness Aberchaldon

Lat. Lon. County of East Inverness

Rain Gauge, by Observer British Aluminium Co
W Munay Morris Esq

Ness - 6.

Diameter									5		
Height									10		
Altitude									665		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								(1.70)	3.28	3.34	
February								# 2.46	4.59	1.63	
March								2.47	2.25	2.30	
April								1.50	1.96	3.52	
May								2.06	2.86	1.65	
June								3.24	1.49	.92	
July								2.36	2.03	3.19	
August								3.31	2.73	.96	
September								2.53	2.76	5.11	
October								1.88	3.13	2.47	
November								1.94	2.98	4.85	
December								5.12	7.67	2.72	
TOTALS								(30.57)	37.73	32.66	

1897 Gauge started in February 1.70 is the average for January
1899 Baleskine Church 3 miles W

RAINFALL AT *Loch Ness Foyers*

Lat.

Lon.

County of

East Inverness

Rain Gauge, by

Observer

*British Aluminium Co
W Murray Morrison Esq*

ness -6.

Diameter							5		8		
Height									20		
Altitude							70		52		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							3.34	1.19	3.38	4.41	
February							1.64	2.98	5.54	1.95	
March							4.46	3.16	2.94	2.95	
April							2.25	1.83	2.16	3.01	
May .....							.77	2.41	2.67	1.62	
June							3.55	2.91	2.28	1.00	
July							2.19	2.20	1.10	1.88	
August							1.84	3.39	3.39	.60	
September....							4.30	3.75	3.22	5.75	
October							6.55	1.76	4.68	3.50	
November							1.14	1.98	4.31	5.65	
December							2.80	7.05	8.70	3.10	
TOTALS							34.83	34.61	44.37	35.42	

*1898 Baleskine & Abertarf Church 2 8 miles 5
1899 B*

RAINFALL AT Loch Ashie

Lat. _____ Lon. _____ County of Inverness East

_____ Rain Gauge, by _____ Observer J. Fraser

less -6.

Diameter	5										
Height	12-0										
Altitude	725										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.68	1.25	1.41	1.11	1	1.86					
February ....	.33	1.40	1.32	2.34		.39					
March	1.64	1.36	.98	.41		4.77					
April	1.08	32	.70	1.33		3.03					
May .....	.87	2.76	1.93	.49		1.69					
June	1.70	.91	2.15	2.57							
July	2.74	7.20	2.07	2.28							
August	3.95	2.72	3.20	2.89							
September....	1.62	1.83	2.61	2.50							
October	2.55	.93	6.14	3.15							
November....	1.87	1.02	1.35	3.00							
December ....	.72	2.13	1.10	2.54							
TOTALS . . .	21.75	23.83	24.96	24.61							

RAINFALL AT Glenquoich

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

Rain Gauge, by Wess, Jamy &c - 7. Observer Mr Grant

Diameter	8										
Height	2 4										
Altitude	660										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	22.36	10.66	18.73	14.34	17.92	4.96	12.76	2.62	18.69	10.29	13.333
February	2.53	11.58	6.20	11.46	19.43	.91	10.75	9.30	15.22	4.79	9.217
March	14.08	9.82	3.00	9.62	12.24	9.19	17.01	13.25	10.09	11.66	10.996
April.....	5.19	1.28	3.67	3.20	2.14	6.34	8.15	5.95	8.02	8.29	5.223
May	2.79	3.73	8.09	4.13	5.98	2.57	1.94	7.03	5.07	4.82	4.615
June	9.60	3.35	5.05	2.55	3.86	4.32	7.40	3.44	4.82	3.15	4.754
July	9.70	4.87	7.71	6.69	5.91	6.40	4.43	10.85	4.78	6.13	6.747
August	7.74	8.59	11.01	7.77	8.73	9.89	9.64	7.70	9.03	3.20	8.330
September....	9.04	19.51	19.07	13.46	.63	9.61	8.60	12.41	13.54	13.96	11.983
October.....	22.07	12.07	7.62	16.72	2.30	8.90	10.34	9.01	8.00	11.16	10.819
November....	13.01	7.26	12.77	13.16	15.06	10.38	7.64	9.17	13.26	21.95	12.366
December	2.50	16.62	9.07	21.12	13.87	12.66	10.19	15.16	31.32	8.04	14.055
TOTALS	120.61	109.34	111.99	124.22	108.07	86.13	108.85	105.89	141.84	107.44	112.438

1880

RAINFALL AT Invergarry

Lat.

Lon.

County of East Inverness

Rain Gauge, by

Observer Mr. Ellie

no. - 7.

Diameter	5											
Height	10											
Altitude	130?											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	16.36	8.24	3.91	4.58	9.69	1.75	6.02	1.35	11.86	6.56	7.032	
February	1.18	5.58	2.81	8.67	15.79	.45	4.15	6.50	4.49	1.66	5.128	
March	7.48	2.23	1.74	1.23	8.33	5.22	9.01	5.29	3.82	4.82	4.917	
April	3.75	1.26	1.84	1.55	1.18	3.64	4.13	3.31	1.88	1.99	2.453	
May	2.97	1.12	4.70	1.46	2.54	1.03	.77	1.73	1.58	1.91	1.981	
June	4.56	1.34	3.10	1.05	2.05	2.05	3.25	2.40	2.42	1.20	2.842	
July	5.63	3.56	3.70	3.26	3.11	4.46	2.24	1.24	1.10	1.69	2.999	
August	4.07	6.55	7.11	4.15	4.75	6.22	3.45	3.43	2.54	.15	4.242	
September	3.60	8.76	10.28	6.56	.21	4.48	5.59	6.30	4.27	5.81	5.586	
October	7.75	5.20	4.40	10.30	1.35	4.79	6.81	4.32	4.08	6.35	5.535	
November	8.64	4.55	9.09	4.87	9.06	6.93	3.52	3.60	7.64	13.07	7.097	
December ....	.65	11.77	3.36	14.80	8.21	7.68	7.28	12.26	17.45	2.96	8.642	
TOTALS	66.64	60.16	56.04	62.48	66.27	48.70	56.22	51.73	63.13	48.17	57.954	

RAINFALL AT *Inverness High School*

Lat. Lon. County of *Inverness*

Rain Gauge, by Observer *J. D. Wallace*
Dr Buchan F.R.S.

ness - 9.

Diameter												
Height	1	0										
Altitude	114											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	(4.00)	1.78	3.92	1.51	2.71	2.50	2.13	2.06	3.07	3.47	2.715	
February	1.01	1.62	1.81	3.38	5.14	1.25	1.07	1.31	3.43	1.89	2.191	
March	2.39	(1.25)	1.54	1.21	2.59	3.07	2.39	1.46	2.03	2.19	2.012	
April .....	.83	.37	1.14	2.04	.58	1.52	1.85	.69	1.03	3.68	1.373	
May .....	.80	2.11	2.22	.74	3.68	1.74	.97	1.24	2.55	2.06	1.811	
June	1.60	(.29)	1.40	1.89	.95	3.33	3.73	3.03	1.57	1.68	1.947	
July	(4.00)	(7.65)	2.59	2.99	3.43	2.65	1.99	.57	1.69	3.89	3.145	
August	6.33	(3.06)	3.53	2.44	3.88	2.77	1.61	2.52	2.60	.72	2.946	
September....	.52	1.89	2.64	2.74	.59	1.84	3.73	3.22	2.64	4.39	2.420	
October	4.48	1.01	4.44	2.67	1.56	3.68	4.05	.93	2.00	1.36	2.618	
November	(2.53)	1.38	1.74	4.31	.68	1.89	1.04	2.08	2.98	2.72	2.135	
December	(.72)	3.00	2.17	2.79	2.03	3.02	2.57	3.62	5.51	3.67	2.910	
TOTALS	(29.21)	(25.41)	29.14	28.71	27.82	29.26	27.13	22.73	31.10	31.72	28.223	

Missing months computed from Culloden House

RAINFALL AT Loch Ness Drumadrochit

Lat.

Lon.

County of East Inverness

Rain Gauge, by

Observer

Mr A. Grant

hess, brick - g.

Diameter	5								5		
Height	1.0								1.0		
Altitude	104								104 300T		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.22	3.21	5.64	2.16	3.75	2.46	3.05	1.66	3.07	3.91	3.613
February ....	.58	1.80	2.39	4.87	7.48	.83	1.31	2.42	5.88	2.03	2.959
March	3.41	2.87	2.03	1.20	4.34	7.20	3.30	2.65	2.53	2.63	2.2161
April	1.66	.73	1.58	1.61	.41	2.37	2.27	1.83	1.66	3.38	1.150
May	1.21	2.93	2.65	1.03	3.65	1.67	.85	2.50	(2.61)	1.75	(2.085)
June	2.36	1.25	2.46	2.34	1.66	4.94	3.55	3.21	2.10	1.56	2.543
July	3.09	5.44	2.40	2.36	3.29	2.14	2.09	2.22	2.22	2.47	2.472
August	3.25	3.42	3.90	2.65	5.55	3.64	1.78	2.82	2.45	1.02	3.0481
September	1.74	3.56	4.08	3.39	.60	2.27	4.01	4.48	2.76	4.65	3.154
October	4.54	2.04	6.50	4.31	1.96	3.93	8.42	1.86	2.68	3.05	3.929
November	3.10	1.60	2.96	4.00	2.19	2.88	1.15	2.87	4.00	5.51	3.026
December ....	.62	5.26	2.73	5.84	4.97	3.91	3.41	5.77	9.73	3.15	4.539
TOTALS	32.78	34.11	39.32	35.76	39.85	38.24	35.19	34.29	(41.69)	35.11	(36.634)

1890 Urquhart Church 200 yards S

Wall 4 ft high 30 ft E

House 25 " 120 " S

1898 May 19 Gauge moved 1485 yards S to higher ground
Urquhart Church 1210 yards E of N

RAINFALL AT Beaulieu

Lat. _____ Lon. _____ County of East Inverness

Rain Gauge, by _____ Observer J. F. Garrioch Esq

Beaulieu - 10.

Diameter					5						
Height					13						
Altitude					25						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					3.20	1.83	2.28	1.80			
February					6.41	.74	1.51	1.51			
March					2.97	3.31	2.86	1.43			
April .....					.50	1.79	1.71	1.19			
May					2.93	1.31	.56	2.09			
June					1.46	3.55	3.79	2.45			
July					3.48	2.47	2.81	1.46			
August					4.43	2.78	1.53	2.81			
September....					.42	2.08	3.81	2.73			
October					2.45	3.24	3.91	2.33			
November....					1.25	2.57	.40	2.29			
December					3.06	3.54	3.14	3.85			
TOTALS					32.56	29.21	28.31	25.94	No Grand total		

RAINFALL AT

Knoydart Inverie Kitchen Garden

Lat. *57.2 N*

Lon. *5.40 W*

County of *Inverness W.*

Snowdon Rain Gauge, by

Observer *M. J. Huggins*

Sound of Sleat - 12.

Diameter		5										
Height		6										
Altitude		10										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January		8.24	11.96	6.70	10.17	3.07	7.37	1.78	10.77	7.06		
February		6.16	4.41	7.70	11.18	1.02	6.05	8.05	11.29	5.55		
March		4.43	2.13	4.46	8.05	7.78	12.91	8.77	9.41	7.69		
April		1.11	3.02	2.23	1.71	4.96	6.84	4.50	5.35	7.50		
May		3.35	6.45	3.10	4.95	2.47	2.77	4.88	5.05	3.73		
June		3.65	3.93	1.72	5.51	2.54	7.04	3.89	6.17	3.87		
July		4.86	5.38	5.79	6.90	5.87	5.80	7.19	4.53	7.97		
August		8.38	6.78	7.30	9.41	8.12	9.74	6.00	9.22	3.02		
September		10.93	13.64	11.52	.50	9.10	9.23	10.96	13.10	13.09		
October		8.07	7.35	12.14	3.40	11.29	7.01	4.91	5.61	9.07		
November		7.04	8.48	9.30	14.19	9.35	7.60	7.30	8.29	13.43		
December		11.80	6.25	13.81	9.74	8.02	8.23	9.39	19.13	6.31		
TOTALS		78.02	79.78	85.77	85.71	73.59	90.59	77.62	107.92	88.29	(86.00)*	

Glenelg Ch 15 miles N

* Computed from Rosheen, Glengaladale and
Glengquich

RAINFALL AT

Glenelg

Lat.

Lon.

County of

West Inverness

Rain Gauge, by

Observer

R. A. MacTaggart

Sound of Sleat - 12.

Diameter										5	
Height										10	
Altitude										85	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										5.51	
February										3.71	
March										6.18	
April										5.62	
May										2.26	
June										3.03	
July										5.75	
August										2.34	
September....										10.51	
October										5.25	
November....										12.53	
December										4.84	
TOTALS . . .										67.53	

1899 Glenelg Church 1 1/4 mile W

RAINFALL AT Moidart Kinlochmoidart

Lat. Lon. County of Inverness West

Rain Gauge, by Observer R Stewart Esq
Sound of arisaig - 13.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.80	4.95	8.88	4.75	7.23	3.50	5.79	1.99	5.99	5.50	
February ....	.65	1.96	3.90	5.79	7.63	.96	2.69	3.96	8.01	4.30	
March	8.05	5.20	1.64	3.80	7.64	5.09	7.95	7.05	5.62	4.46	
April	2.35	1.27	1.58	.58	1.52	3.52	5.58	2.62	2.46	7.48	
May	2.42	3.62	5.12	2.14	4.56	1.83	2.75	4.68	4.08	3.42	
June	7.61	2.16	3.56	.97	4.87	2.65	5.67	3.78	4.42	3.33	
July	7.20	3.76	5.39	4.17	5.97	5.46	4.99	4.54	4.83	5.11	
August	8.71	7.24	6.66	4.45	8.16	7.15	9.27	4.88	6.15	2.01	
September....	8.00	7.86	8.73	8.03	.56	5.98	6.50	8.07	10.81	9.70	
October	12.93	8.26	5.98	11.13	2.20	8.79	5.46	4.08	3.87	6.32	
November....	9.68	5.23	6.16	6.52	11.30	7.00	5.31	4.09	6.83	9.27	
December	1.89	9.30	4.13	11.40	6.45	4.63	5.71	6.17	13.16	5.80	
TOTALS	80.29 np	60.81 np	61.73 np	63.73 np	68.09 np	56.50	67.67	55.91	76.23	66.70	

1890-94 received from Mr. Edinburgh November 1934. - late np.

RAINFALL AT *Moidart Roshven Glenmutckin*

Lat. Lon. County of *West Inverness*

Rain Gauge, by Observer *Mr J McPherson*
Anisay - 13.

Diameter						5					
Height						10					
Altitude						100					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						3.49	5.56	2.36	9.44	7.73	
February						1.02	5.68	5.76	9.52	6.61	
March						5.75	12.20	9.06	6.20	6.05	
April						4.17	5.25	5.36	5.85	7.18	
May						1.44	1.99	7.46	4.97	3.28	
June						2.53	5.52	3.80	5.67	3.79	
July						5.67	5.54	7.28	4.51	5.86	
August						6.97	9.07	6.31	8.88	3.35	
September						6.76	7.97	7.66	11.52	12.84	
October						8.03	5.42	4.30	5.05	6.16	
November						9.08	8.17	5.56	8.22	7.29	
December						6.65	7.76	12.63	16.06	14.40	
TOTALS						61.56	80.13	77.54	95.89	84.54	

Glenmutckin is a small glen immediately to South-East of Roshven House where a road was maintained by prof. Blackburn - vide Mr. Edin. letter 5.1.44

RAINFALL AT *Moidart Roshven*

Lat. Lon. County of *West Inverness*

Rain Gauge, by

Observer *Prof Blackburn*

Arrival - 13.

Diameter	5										
Height	10										
Altitude	68 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	11.11	6.49	8.00	4.24	8.52	2.99	4.19	1.89	7.08	6.15	6.066
February	1.01	2.40	3.09	6.58	7.42	.95	4.14	4.49	6.58	5.71	4.237
March	7.91	3.54	1.45	2.84	7.38	5.35	10.09	8.25	4.18	5.35	5.634
April	2.55	1.40	2.62	2.19	2.07	3.77	4.10	4.57	5.64	5.69	3.460
May	2.23	2.44	5.73	3.30	4.69	1.73	1.65	4.02	4.06	3.24	3.309
June	6.81	2.47	2.84	.95	4.41	2.53	4.86	3.48	4.39	3.07	3.581
July	8.27	3.24	4.45	5.22	5.53	5.41	4.52	5.77	2.89	4.72	5.002
August	7.20	7.53	7.30	4.77	8.85	6.02	7.52	5.34	6.24	3.14	6.391
September	7.66	8.14	9.37	8.37	.28	6.39	6.55	6.84	9.27	7.84	7.071
October	10.84	9.27	4.61	9.09	2.73	6.31	4.20	2.98	3.63	4.33	5.799
November	8.77	6.48	6.93	4.71	12.17	7.12	5.12	3.94	6.04	7.80	6.908
December	1.66	10.98	4.08	11.23	6.99	5.51	7.14	9.38	11.68	7.11	7.576
TOTALS	76.02	64.38	60.47	63.49	71.04	54.08	64.08	60.95	71.68	64.15	65.034

RAINFALL AT Loch Shiel Glenaladale - 800 ft

Lat. Lon. County of West Inverness
 Rain Gauge, by Observer Maja Macdonald

Arising - '13.

Diameter	5										
Height	12										
Altitude	50?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	19.51	12.11	16.68	11.67	15.91	4.51	10.47	2.70	16.90	10.84	12.130
February	2.22	8.73	5.35	10.74	17.76	1.84	9.65	8.29	14.37	6.46	8.541
March	14.49	8.03	2.40	7.29	9.46	7.75	14.98	12.04	9.89	12.41	9.874
April	4.81	2.09	3.48	3.59	2.95	6.22	7.76	5.74	8.65	9.17	5.446
May	3.62	2.78	8.45	3.96	6.33	2.60	2.40	7.09	5.29	4.32	4.684
June	10.10	3.22	4.56	1.64	5.24	3.10	8.16	3.69	6.12	3.42	4.925
July	9.73	5.39	5.45	7.39	6.55	6.89	5.99	12.82	4.02	5.76	6.999
August	9.82	11.24	9.61	8.67	9.25	10.17	10.85	8.45	7.97	4.62	9.065
September	11.36	14.85	16.69	13.03	.40	8.64	8.80	11.46	14.44	14.61	11.428
October	19.61	13.25	6.87	16.55	3.39	10.29	8.78	7.76	8.32	11.87	10.669
November	14.78	8.95	11.09	11.80	16.59	12.68	8.77	8.74	9.89	20.30	12.359
December	1.74	15.42	8.06	22.20	11.57	8.91	10.94	14.19	27.16	7.08	12.727
TOTALS	121.79	106.06	98.69	118.53	105.40	83.60	107.55	102.97	133.02	110.86	108.847

↑
 Hyd Sta. No. 88-702242
 NGR: NM (17) 905808
 alt. 15m

1880

RAINFALL AT Borrodale, Arisaig Ho.

Lat. Lon. County of West Inverness

Rain Gauge, by Observer Mr A Grant

Arisaig - 13.

Diameter	5											
Height	10											
Altitude	³⁰ 20?											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	10.58	6.05	9.77	4.90	7.45	3.46	4.98	1.69	6.46	5.23	6.057	
February	1.18	3.17	3.75	5.74	6.88	.51	4.18	4.44	7.53	3.39	4.077	
March	6.67	3.62	1.67	3.99	5.59	4.18	8.58	5.74	4.45	6.06	5.055	
April	2.61	1.26	1.88	2.17	1.08	2.45	5.00	3.57	4.08	4.93	2.903	
May	2.54	2.55	5.20	3.57	4.16	1.59	2.11	3.93	3.78	3.03	3.246	
June	6.90	2.48	3.22	1.06	4.45	2.33	5.61	3.45	5.41	3.73	3.864	
July	8.51	4.01	4.49	5.50	5.83	4.23	6.34	6.26	4.60	4.99	5.476	
August	7.59	7.79	6.10	5.38	9.06	6.68	7.96	4.68	7.34	2.77	6.535	
September	8.34	7.51	9.55	9.10	.48	7.34	6.40	8.30	10.79	11.36	7.917	
October	12.82	6.25	5.49	10.71	2.91	7.70	4.72	3.16	3.46	6.12	6.334	
November	9.46	5.50	6.06	6.00	10.47	6.29	4.90	4.62	7.14	9.51	6.995	
December	1.68	8.27	4.63	10.42	6.83	5.36	6.33	6.80	10.74	6.60	6.766	
TOTALS	78.88	58.46	61.81	68.54	65.19	52.12	67.11	56.64	75.78	67.72	65.225	

1890 Arisaig Church 3 miles W
 Trieries 16 ft high 40 ft N

RAINFALL AT Loch Treig Luibruairidh

Lat.

Lon.

County of Inverness East

Rain Gauge, by Lochy, L. bank - 16.

Observer Messrs Lucas & Aird

Diameter											
Height											
Altitude		1350									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			9.09	4.97	12.36						
February			2.88	8.38	14.05						
March			1.12	3.18	8.90						
April			2.28	2.90	1.75						
May			7.07	1.88	2.44						
June			4.42	3.80	3.75						
July			5.24	6.48	4.06						
August		# 5.25	8.43	6.46	4.31						
September		12.96	13.20	7.96	#						
October		10.24	6.56	10.70							
November		6.45	8.67	5.65							
December		11.18	2.95	12.98							
TOTALS			71.91	75.34							

Luibruairidh lies midway between the Seind of Loch Treig and the W end of Loch Ossian

RAINFALL AT Ben Nevis Observatory

Lat. Lon. County of West Inverness

Rain Gauge, by ... Observer D. Buchan
Lochy, L. bank - 16.

Diameter	5											
Height	1.0											
Altitude	4407											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	29.42	14.20	22.32	12.23	15.96	6.88	16.20	3.42	27.08	15.30	16.301	
February	4.57	15.09	12.30	10.33	33.55	3.54	11.15	16.22	30.09	10.56	14.740	
March	27.31	14.78	5.42	12.57	14.58	14.32	19.55	17.24	19.07	25.21	17.005	
April	8.09	2.45	5.91	5.99	3.50	11.74	10.04	6.55	10.76	17.01	8.204	
May	6.01	7.01	14.07	5.48	6.66	3.69	2.91	10.91	8.74	6.88	7.236	
June	14.66	7.51	9.56	5.88	8.33	3.92	9.74	8.46	10.37	7.61	8.604	
July	13.22	10.53	10.83	12.32	11.34	10.79	6.87	14.13	11.74	15.23	11.700	
August	14.33	19.16	15.47	14.79	17.70	12.75	11.01	11.88	18.61	5.58	14.128	
September	20.71	43.55	21.90	19.25	1.32	8.95	10.78	17.04	24.81	20.78	18.909	
October	37.30	14.34	9.53	22.84	4.67	12.07	13.07	12.08	13.86	18.11	15.787	
November	18.96	11.88	13.87	18.43	17.40	13.87	9.77	17.78	21.27	32.49	17.572	
December	3.76	17.48	9.73	25.66	14.93	15.41	12.47	20.07	43.65	12.55	17.571	
TOTALS	198.34	177.98	150.91	165.77	149.94	117.93	133.56	155.78	240.05	187.31	167.757	✓

RAINFALL AT

Mucomir

Lat. $56^{\circ}51'44''$

Lon. $4^{\circ}58'42''$ W. County of E Inverness

Rain Gauge, by

Observer

J. Scott Esq C.B.

Lochy, L. bank - 16.

Diameter									5		
Height									10		
Altitude									155 K		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									# 10.94	6.98	
February									9.43	2.91	
March									6.85	6.33	
April									4.46	4.80	
May									2.69	1.92	
June									4.16	2.16	
July									3.11	3.80	
August									7.48	1.42	
September									9.20	8.83	
October									6.43	8.66	
November									7.08	12.34	
December									19.83	4.67	
TOTALS									91.66	64.82	

Kilmonivaig Church 2 miles SE
Rail fence 4ft high 40ft NE

RAINFALL AT

Laggan Locks

Lat. 57° 1' 40"

Lon. 4° 49' 4" W County of E. Inverness

Rain Gauge, by

Observer

H. J. Morton Esq C.E.

Lochy. L. bank - 16.

Diameter									5		
Height'									1 0		
Altitude									118		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									# 10.89	7.27	
February									10.69	4.12	
March									6.90	7.11	
April									5.70	5.70	
May									2.55	2.82	
June									3.24	2.39	
July									2.59	3.81	
August									6.52	1.17	
September									7.24	8.56	
October									5.57	8.14	
November									8.15	12.34	
December									18.59	3.95	
TOTALS . . .									88.63	67.38	

RAINFALL AT Fort William

Lat.

Lon.

County of West Inverness

Rain Gauge, by

Observer *The Meteor Council*

L. Linthe, L. bank - 17.

Diameter	8						Hyps. Sta. 40. 88-69/870				
Height					1 8		NGR: NN (27) 097734				
Altitude					33		alt: 10-m				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	18.78	7.89	9.06	5.41	12.26	2.76	8.75	1.65	13.60	7.00	8.716
February	1.56	7.42	2.32	8.47	14.47	1.08	8.27	7.94	10.67	4.77	6.697
March	10.64	4.37	1.88	4.44	8.29	5.25	9.69	7.83	6.91	8.54	6.794
April	(286)	1.41	2.01	3.12	1.34	5.29	3.63	3.94	6.66	5.41	3.567
May	(250)	2.20	5.94	2.73	3.74	1.64	1.29	4.46	2.64	2.10	2.924
June	(719)	3.27	3.66	1.89	3.14	2.93	4.79	3.97	4.06	2.03	3.693
July	(697)	3.68	5.34	4.65	6.24	4.61	3.74	6.52	2.82	4.28	4.885
August	# 5.81	8.37	8.33	6.60	7.06	9.12	6.12	4.91	7.04	1.67	6.503
September	6.91	12.90	13.99	9.35	.28	5.22	6.80	9.58	10.21	8.73	8.397
October	12.58	9.42	5.26	12.70	2.12	4.55	4.96	6.15	6.90	9.16	7.380
November	9.23	6.01	9.43	8.03	11.10	8.55	4.45	6.42	7.76	12.65	8.363
December . . . .	.93	11.80	5.49	16.26	8.67	7.14	8.58	11.35	23.14	5.90	9.926
TOTALS	(85.96)	78.74	72.71	83.65	78.81	58.14	71.07	74.72	102.41	72.24	77.845

low-level station, on the sea shore & lens

than 5 miles distant from a perpendicular fall line.

from the High Level Station (on Ben Nevis at a height of 4,408 ft). - From Pet Council Minutes, 1899

RAINFALL AT *Fort William Public School & Ardtraigh*

Lat. Lon. County of *West Inverness*

Rain Gauge, by *L. Linke - 17.* Observer *Livingstone Esq*

Diameter	5						5				
Height	10						1-0				
Altitude	36 π						110				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	20.00	8.77	9.90	5.55	12.23	3.38	9.50	1.79	13.82		
February	1.66	8.70	4.07	9.36	14.80	.47	6.86	8.21	11.53		
March	11.33	6.81	2.24	4.82	10.25	6.02	10.84	9.21	7.81		
April	3.05	1.07	2.35	3.49	1.69	5.29	4.06	4.11	6.53		
May	2.67	3.07	6.45	2.99	3.93	2.11	1.44	4.99	2.86		
June	7.66	3.00	4.03	1.89	3.29	3.07	4.79	3.89	4.14		
July	7.42	4.58	5.68	4.75	5.76	4.64	3.98	6.86	2.78		
August	6.22	8.41	8.71	6.23	7.88	9.06	5.83	5.11	4.54		
September	6.70	14.37	14.84	9.31	.30	5.48	6.55	9.49	11.28		
October	14.81	11.09	5.60	13.01	2.12	4.81	5.49	6.12	6.52		
November	10.32	6.26	9.92	8.56	12.02	8.53	4.53	6.52	8.00		
December	1.55	11.71	6.13	16.96	9.52	8.40	8.61	11.70	23.58		
TOTALS	93.39	87.84	79.92	86.92	83.79	61.26	72.48	78.00	103.39	72.21	81.923

1896 Gauge moved 400 yards E at end of May to Ardtraigh.

1899 - Observing gauge

Nyd. Sta. No: 88-691871

N.R: NN (27) 099736

alt: 11m

RAINFALL AT Ile of Skye Oronsay

Lat.

Lon.

County of West Inverness

Rain Gauge, by

Observer Board of Northern Lights

Insular, Inner Hebrides - 18.

Diameter ....	...										
Height	0 6											
Altitude	158 58											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	9.37	6.12	6.71	4.01	4.64	1.33	2.61	1.35	7.53	2.69	4.636	
February	1.60	4.49	2.30	6.38	7.25	.31	2.64	4.12	4.69	1.59	3.537	
March	5.72	3.39	.40	3.69	6.36	4.73	8.51	4.75	7.18	3.10	4.783	
April	1.71	.22	.82	2.38	.39	3.18	3.36	1.85	1.43	3.52	1.886	
May	1.99	1.56	5.33	2.86	2.18	.75	.89	1.89	1.95	1.60	2.100	
June	6.72	1.57	1.83	.23	1.73	1.97	2.84	2.54	2.82	1.12	2.337	
July	5.33	3.13	3.46	5.07	4.66	3.46	3.24	3.85	2.29	2.91	3.740	
August	6.62	5.12	6.45	4.15	3.97	4.81	5.99	2.70	4.27	1.30	4.538	
September	4.67	8.68	8.97	6.07	.08	5.98	4.67	2.01	5.52	4.53	5.118	
October	9.06	5.73	4.33	8.50	.88	6.38	4.37	1.78	2.23	3.55	4.681	
November	5.82	4.34	5.16	5.75	7.35	3.18	4.80	3.97	3.40	7.75	5.152	
December	2.60	5.96	3.57	9.73	4.11	2.77	3.75	5.92	7.61	2.90	4.892	
TOTALS	61.21	50.31	49.33	58.82	43.60	38.85	47.67	36.73	50.92	36.56	47.400	

1860—

RAINFALL AT Skye Strathaird n. Broadford

Lat. Lon. County of Inverness W.

Rain Gauge, by Observer W. R. Macdonald
Insular - 18.

Diameter								5			
Height								1 - 4			
Altitude								45			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									9.60	7.73	
February									11.32	5.81	
March								# 9.00	10.81	8.83	
April								3.27	5.53	8.76	
May								5.51	5.20	3.65	
June								3.38	6.52	3.85	
July								10.92	8.00	7.67	
August								5.20	11.13	2.58	
September....								12.26	12.46	13.74	
October								4.51	6.36	9.77	
November								9.15	10.29	14.84	
December								8.77	16.41	9.15	
TOTALS									113.63	96.38	

1899 Broadford Church 12 NE
Trees 5 ft high 15 ft NE

RAINFALL AT Isle of Skye Kyle Akin

Lat. Lon. County of West Inverness

Rain Gauge, by Observer Board of Northern Lights

Insular - 18.

Diameter ....	...									
Height	0 2										
Altitude	3?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.80	5.30	4.80	8.60	10.25	2.35	7.73	1.81	7.15	3.75	6.554
February ....	.55	5.40	1.30	8.60	10.08	.26	4.62	8.13	5.63	2.83	4.740
March	8.05	2.57	1.75	5.65	4.32	5.07	9.64	7.15	3.50	3.03	6.073
April	1.07	.80	2.50	3.10	.97	3.93	4.63	3.04	2.79	4.10	2.693
May .....	.88	2.30	6.75	3.45	2.90	1.49	.86	3.36	1.34	1.33	2.466
June	5.96	3.45	5.05	2.05	2.46	3.02	3.50	1.70	3.62	1.52	3.233
July	4.64	4.20	4.55	4.15	7.82	3.82	2.60	2.83	3.91	1.84	4.036
August	6.58	4.45	10.45	5.27	7.97	3.34	4.68	2.26	6.45	.71	5.216
September	3.67	6.00	11.70	6.65	.22	5.11	6.53	4.64	3.51	6.42	5.445
October	9.30	3.90	6.45	8.34	1.82	6.93	4.58	2.17	3.42	4.14	5.105
November	6.84	4.05	11.05	10.81	20.44	5.88	2.07	2.90	4.56	6.33	7.493
December	1.45	5.05	9.00	14.45	12.64	6.28	4.61	5.33	12.13	2.30	7.324
TOTALS	62.79	47.47	75.35	81.12	91.89	47.48	56.05	45.32	58.01	38.30	60.378?

1860-

RAINFALL AT

Skye Scalpay Island

Lat.

Lon.

County of

West Inverness

Rain Gauge, by

Observer

Mr D Gunn

Insular - 18.

Diameter								5			
Height								10			
Altitude								4			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								2.63	14.64	8.28	
February								12.35	11.99	5.65	
March								8.98	7.49	6.29	
April								4.33	4.39	6.88	
May								4.00	3.46	2.18	
June								2.35	2.93	3.29	
July								5.19	1.49	4.12	
August								4.47	5.99	2.08	
September								8.79	7.38	8.98	
October								3.86	5.19	6.25	
November								7.78	11.40	11.34	
December							# 7.28	9.63	17.45	5.92	
TOTALS								74.36	93.80	71.26	

1898 Broadford Church 4 miles S
 Trees 15 to 18 ft high 63 ft S.S.W

RAINFALL AT Skye Roasay House

Lat. Lon. County of W Inverness

Rain Gauge, by Observer Mr J.M. Paul

Insular - 18.

Diameter									5		
Height									2 6		
Altitude									80		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				5.52	10.31	3.72	9.39	3.05	8.90	7.79	
February				6.41	9.79	.91	5.86	4.82	11.69	4.01	
March				3.60	8.35	4.92	9.98	8.49	6.65	6.21	
April				2.15	1.61	4.76	4.43	4.06	4.86	7.31	
May				3.11	3.92	2.08	1.51	4.51	3.80	3.80	
June				2.29	2.81	2.60	6.22	1.90	3.43	2.46	
July				5.41	5.32	5.50	4.44	5.16	1.88	2.49	
August				5.64	5.80	5.87	7.49	5.66	5.42	1.94	
September				9.20	7.4	5.70	7.49	8.80	6.31	8.98	
October				8.91	2.57	9.72	12.04	5.90	5.74	6.98	
November				8.86	13.88	7.42	4.93	7.95	8.16	14.39	
December				12.06	10.48	7.61	6.50	10.66	15.85	6.62	
TOTALS . . .				73.16	75.58	60.81	80.28	70.96	82.69	72.98	

Portree Church 10 miles W
Wall 14 ft high 73 ft W
Tree 58 " " 68 " W

MET.O.8 RAINMASTER
RETROSPECTIVE SITE REVIEW
NGR: N9(18) 548366
ALT: 60 ft = 24 metres. Date of review: 10.1.1979

STD. STN. NUMBER 720851

RAINFALL AT *Skye Kilmuir*

Lat.

Lon.

County of *Inverness*

Rain Gauge, by

Observer *W. J. McNab R.G.R.*

Insular - 18.

Diameter											
Height											
Altitude					<i>275</i>						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						<i>3.22</i>	<i>4.99</i>				
February						<i>.40</i>	<i>2.24</i>				
March						<i>2.50</i>	<i>5.50</i>				
April						<i>2.50</i>	<i>3.64</i>				
May						<i>1.78</i>	<i>1.34</i>				
June						<i>2.34</i>	<i>3.24</i>				
July						<i>4.47</i>	<i>5.41</i>				
August						<i>4.83</i>					
September						<i>4.56</i>					
October					<i>2.60</i>	<i>6.90</i>					
November					<i>8.74</i>	<i>4.09</i>					
December					<i>6.11</i>	<i>3.14</i>					
TOTALS . . .						<i>40.73</i>	<i>imp</i>				

RAINFALL AT *Skye Edinbane Loch Grishinish*

Lat.

Lon.

County of *West Inverness*

Rain Gauge, by

Observer *D. K. M. Macdonald*

Inular - 18.

D. L. Grant

Diameter				4	5						
Height				10	6				10		
Altitude					30				20		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	<i>#</i>	9.20	7.80	5.00	7.60	2.05	6.72	<i>(8.50)</i>	9.55	6.93	
February		7.50	3.30	6.20	8.60	1.95	4.92		11.39	4.66	
March		3.10	2.40	5.00	6.10	3.15	6.36	<i>#</i>	8.16	7.12	5.76
April .....		.85	2.70	2.10	1.50	4.35	4.75	4.27	4.18	6.42	
May		2.50	6.30	2.60	5.00	1.83	1.51	4.14	2.97	3.56	
June		2.90	2.30	2.20	3.10	1.60	4.15	1.72	3.40	2.22	
July		4.20	4.20	3.80	5.00	6.00	4.50	6.25	2.36	3.56	
August		5.70	4.70	6.40	6.10	3.96	5.95	5.38	7.30	2.01	
September		10.10	9.80	7.10	.80	6.35	6.00	8.91	7.64	9.41	
October		10.20	5.40	7.40	3.00	9.17		<i>#</i>	4.23	3.94	6.85
November		9.00	8.50	5.10	11.80	5.35	<i>(19.00)</i>	6.73	7.07	10.76	
December		8.00	5.40	10.20	8.80	6.70		8.95	13.94	6.99	
TOTALS		73.25	62.80	63.10	67.40	52.46	<i>63.86</i>	<i>67.24</i>	80.86	69.13	<i>(68.00)</i>

1893 Free Church $1\frac{1}{2}$ miles N.E.

House 8 yards E

1898 Durinish Ch 8 miles W

* Computed from Applecross

RAINFALL AT *Skye Lynedale Portree*

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

Automatic Rain Gauge, by *Beck* Observer *R. J. Cunningham Esq.*
Insular - 18.

Diameter									8	□	
Height									9		
Altitude									40	T	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										8.62	
February										6.60	
March										6.17	
April										6.30	
May										4.18	
June										3.38	
July										3.42	
August										3.26	
September....										11.04	
October.....									#	3.67	8.14
November....										7.41	12.74
December										17.96	7.72
TOTALS . . .										81.57	

Arnisort Church 2 miles W

House 32 ft high 111 ft ENE.
Trees 24 " " 100 " S.S.W
" 28 " " 105 " N.

720606

RAINFALL AT Rona Lighthouse

Lat.

Lon.

County of West Inverness

Rain Gauge, by

Observer Board of Northern Lights

Insular - 18.

Diameter ....	...									
Height	1.3										
Altitude	212										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.03	5.89	4.00	5.04	6.90	5.19		.91	6.81	2.79	
February ....	.45	4.15	1.24	4.31	8.67	.43		2.59	6.29	1.70	
March	4.64	3.73	.40	3.77	5.46	4.28	19.50	4.03	6.07	2.74	
April	1.45	.50	.89	1.75	.93	3.40		1.43	2.40	3.83	
May .....	.21	1.45	2.60	3.86	3.17	1.22		2.29	2.16	1.90	
June .....	.94	2.78	1.68	1.13	2.76	3.15	1.52	.85	3.25	2.28	
July	3.03	2.90	1.74	4.42	5.37	4.15	3.15	2.91	2.03	2.58	
August	4.59	5.96	2.76	4.80	4.77	6.89	3.46	2.94	3.57	1.16	
September	4.68	6.57	6.31	9.35	.95	4.37	5.16	4.62	4.51	5.77	
October	13.95	7.47	7.24	7.72	2.02		6.28	2.74	1.60	3.65	
November	6.52	6.46	5.87	8.33	7.39	15.50	3.41	2.90	3.81	7.19	
December	1.54	5.08	5.59	8.21	6.01		3.14	4.24	11.41	3.51	
TOTALS	49.03	52.94	40.32	62.69	54.40	48.58	45.62	32.45	53.91	39.10	47.904

Oct 1895 to May 1896 computed from Kilnmuir

MET.O.3 RAINMASTER
RETROSPECTIVE SITE REVIEW

HYD STN.
NUMBER 720606

NGR: NG(18) 634614

ALT: 212 ft \approx 65 metres. Date of review: 10.1.1979

RAINFALL AT Parra Barrahead

Lat.

Lon.

County of West Inverness

Rain Gauge, by

Observer Board of Northern Lights

Inular, Outer Hebrides -19.

Diameter ....	...										
Height	3 0											
Altitude	640?											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.02	.99	1.43	2.44	3.45	2.99	2.13	1.40	2.28	4.05	2.518	
February ....	.57	2.13	1.47	2.71	5.52	.04	2.35	2.23	5.81	2.31	2.514	
March	2.50	1.89	.54	1.37	2.97	2.39	2.93	4.38	1.68	2.62	2.327	
April	1.46	.74	.94	1.39	1.47	3.54	1.61	1.70	1.45	3.44	1.714	
May .....	.78	1.11	3.67	2.31	1.17	.61	.60	1.28	2.35	1.14	1.502	
June	3.39	1.37	1.22	1.41	1.83	.43	4.22	1.77	2.06	2.22	1.992	
July	2.80	.90	1.30	2.64	3.10	4.64	2.65	3.62	1.30	1.39	2.434	
August	3.20	3.05	2.70	4.47	3.16	4.78	2.43	1.81	3.99	1.11	3.070	
September....	2.43	2.93	3.37	4.46	.00	3.93	2.86	2.70	3.60	4.31	3.059	
October	3.15	4.20	3.11	4.16	2.00	3.30	2.33	2.25	2.09	2.25	2.884	
November	3.35	3.20	4.02	4.38	5.65	3.47	1.67	2.16	3.76	3.36	3.502	
December ....	.99	4.29	1.74	4.01	4.28	3.20	3.98	5.05	3.99	5.67	3.720	
TOTALS	28.64	26.80	25.51	35.75	34.60	33.32	29.76	30.35	34.36	33.87	31.296	

1840-

RAINFALL AT S Uist Askerinish
 Lat. Lon. County of West Inverness
 Rain Gauge, by Observer D Paterson Esq
Islands - 19.

Diameter				5							
Height				1		1	4				
Altitude				10							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				3.58	6.13	1.76		#		7.18	
February				6.57	6.25	.61				2.80	
March				2.32	4.34	3.14				3.47	
April				1.91	1.56	3.23				5.70	
May				2.45	1.95	1.88				1.51	
June .....				.95	2.29	1.36				3.04	
July				4.48	4.38	4.89				1.86	
August				6.11	4.31	3.61		#	5.69	2.02	
September....				6.11	.29	3.51			5.28	6.75	
October				5.91	3.25	4.13			3.43	4.37	
November....				4.30	4.90	5.31			6.15	6.21	
December				4.55	6.41	5.25	#		7.92	7.03	
TOTALS				49.24	46.06	38.68				51.94	

1895 Townmore Church 12 miles N

RAINFALL AT S Uist Ushenish

Lat.

Lon.

County of West Inverness

Rain Gauge, by

Observer Board of Northern Lights

Islands - 19.

Diameter ....	...									
Height	0.4										
Altitude	157?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	16.50	11.70	7.40	4.50	6.40	1.80	5.90	1.80	4.12	7.38	6.750
February	1.20	7.10	3.50	7.40	7.50	.00	2.70	2.40	5.72	5.21	4.273
March	9.30	6.00	2.30	4.80	3.80	3.60	6.00	4.70	5.08	6.60	5.218
April	4.60	1.20	2.00	1.90	.70	2.50	3.70	1.80	3.33	8.56	3.029
May	1.70	2.40	7.50	2.20	2.00	1.30	.70	2.20	4.95	5.27	3.022
June	8.20	2.50	2.60	.60	1.80	1.30	4.80	.70	7.10	3.62	3.322
July	7.60	2.70	3.10	3.10	3.50	5.50	4.60	3.90	4.44	3.35	4.179
August	6.20	6.60	3.30	5.40	4.60	4.60	4.50	3.00	8.44	2.32	4.896
September	7.00	7.50	7.40	5.60	.00	3.30	4.20	4.50	11.14	13.25	6.389
October	12.20	8.50	3.50	6.20	2.20	6.00	2.60	2.10	2.09	7.10	5.249
November	9.50	6.80	7.50	6.90	5.60	4.20	3.20	4.02	8.16	16.27	7.215
December	4.60	11.50	4.60	6.50	5.40	6.70	3.20	5.66	12.02	10.39	7.057
TOTALS	88.60	74.50	54.70	55.10	43.50	40.80	46.10	36.78	76.59	89.32	60.599

1860 -

RAINFALL AT

Benbecula

Lat.

Lon.

County of W Inverness

Rain Gauge, by

Observer Rev N. MacDougall

Insular - 19.

Diameter									5		
Height									10		
Altitude									10		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									5.36	5.28	
February									5.44	2.48	
March									3.12	2.37	
April									2.41	4.43	
May									2.13	1.60	
June									3.29	2.18	
July									1.92	1.21	
August									4.95	1.91	
September									3.80	6.99	
October									2.84	4.43	
November									7.19	4.36	
December									8.97	5.12	
TOTALS . . .									51.42	42.36	

Benbecula Church 4 miles N W
House 15 ft high 30 ft S. E

RAINFALL AT N Uist Monach

Lat.

Lon.

County of West. Inverness

Rain Gauge, by

Observer Board of Northern Lights

Insular - 19.

Diameter ....	...										
Height .....	...										
Altitude ....	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	8.84	5.37	4.49	4.95	6.98	3.15	4.04	2.13	3.21	5.00	4.816	
February ....	.42	3.80	2.73	6.30	6.40	1.02	4.02	4.39	4.95	4.55	3.858	
March	2.61	3.04	1.73	2.92	5.14	2.24	6.05	6.34	3.94	3.83	3.784	
April	2.58	.23	1.63	1.55	2.22	3.99	1.92	2.50	2.64	6.51	2.517	
May .....	.93	1.41	5.41	2.43	1.52	1.71	.63	2.96	2.37	2.40	2.171	
June	3.93	1.87	2.77	.60	1.99	2.83	3.60	.95	4.22	2.93	2.569	
July	3.57	1.34	2.61	4.32	2.51	5.56	3.56	4.13	2.76	2.39	2.275	
August	3.06	3.86	4.19	5.35	5.49	3.40	3.97	3.02	5.10	1.25	3.869	
September	4.58	4.26	4.79	6.57	.48	3.74	3.19	5.15	4.54	6.95	4.425	
October	7.61	7.99	4.18	5.32	3.87	4.62	3.41	1.99	4.10	5.61	4.870	
November	6.85	4.92	8.09	5.44	7.68	5.15	4.03	3.42	6.89	6.56	5.903	
December	1.56	9.14	3.23	8.07	7.04	5.12	4.12	8.10	11.10	8.07	6.555	
TOTALS	46.54	47.23	45.85	53.82	51.32	42.53	42.54	45.08	55.82	56.05	48.678	

RAINFALL AT N. Uist Loch Maddy.

Lat. Lon. County of West Inverness

Rain Gauge, by Observer Mr G. McKay
J. M. Fraser Esq

Inular - 19.

Diameter	5										
Height	10										
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.77	5.66	7.28	3.46	7.49	2.92	5.41	2.18	5.42	5.00	5.559
February ....	.40	3.66	2.55	5.36	7.91	.74	4.15	4.28	6.15	4.55	3.975
March	5.21	2.46	1.98	1.78	8.17	2.38	6.42	6.16	3.60	3.83	4.199
April	2.67	.45	1.69	1.39	1.06	3.96	3.71	3.91	2.48	6.51	2.783
May	1.16	2.19	8.73	1.86	2.44	1.77	1.50	2.06	3.44	2.40	2.755
June	5.46	2.97	3.98	2.10	2.37	2.56	4.18	1.32	3.14	2.93	3.101
July	4.93	1.82	2.64	2.69	4.77	6.06	4.61	3.69	5.16	2.39	3.876
August	3.66	3.78	3.64	6.90	4.92	5.86	4.88	3.95	4.80	1.25	4.364
September	3.45	7.15	5.58	7.00	.46	3.66	5.43	5.89	2.29	6.95	4.786
October	9.23	11.72	4.01	6.83	3.01	4.77	4.09	2.80	9.50	5.61	6.157
November	9.14	7.71	6.52	4.57	7.36	4.45	3.52	3.97	9.82	6.56	6.362
December	1.56	11.55	3.70	7.47	5.58	4.41	4.94	7.11	10.24	8.07	6.463
TOTALS	57.64	61.12	52.30	51.41	55.54	43.54	52.84	47.32	66.04	56.05	54.380

1890 Trunigany Church ⁵ miles ^{N.W.} W
House ³⁵ ft high ¹⁶⁵ ft ^{S.S.W.} W
1894 Sep 14 Gauge moved 800 yards S.W.

† 1899 = Monach for purpose of average 22. x 99.

RAINFALL AT Harris Island Glas.

Lat. Lon. County of West Inverness

Rain Gauge, by Observer Board of Northern Lights

Insular - 19.

Diameter ....	...										
Height	3 4											
Altitude	50 ?											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.10	3.49	2.91	2.88	4.25	2.11	4.86	1.66	4.76	4.17	38.19	
February	1.06	5.50	2.77	2.92	5.17	.23	2.47	2.66	5.68	2.97	31.03	
March	4.45	3.13	1.00	2.29	4.43	3.10	5.59	5.52	3.86	4.30	37.67	
April	3.30	(.50)	1.57	.35	.68	2.99	2.61	2.14	3.04	4.23	21.41	
May .....	.65	1.10	3.95	.91	2.24	1.56	.87	2.14	3.17	1.65	18.24	
June	3.25	2.74	1.66	.70	1.10	2.04	3.24	.96	4.17	1.92	21.78	
July	4.42	1.84	2.13	1.15	1.40	3.84	3.57	4.00	3.50	2.15	28.00	
August	2.47	3.13	2.27	5.30	3.67	4.95	4.81	2.41	6.15	.68	35.80	
September....	3.00	4.70	6.53	3.83	.32	3.65	4.09	5.40	5.55	7.69	44.76	
October	8.35	4.27	3.07	6.42	2.95	3.54	3.86	2.44	3.51	5.23	43.64	
November	4.98	4.81	4.54	4.57	5.72	3.15	4.12	3.44	4.85	6.35	46.83	
December	3.05	6.98	3.48	3.73	4.70	4.59	3.57	5.22	9.77	4.45	49.50	
TOTALS	46.08	(42.19)	35.88	35.05	36.63	35.75	43.66	37.99	58.01	45.79	(41.703)	

Apr 1891 Estimated

RAINFALL AT Dingwall Uplands

Lat.

Lon.

County of East Ross

Rain Gauge, by

Observer A Beattie Esq

Cromarty - 4.

Diameter				3							
Height				10		1.3					
Altitude				360		400					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				1.20	3.20	1.50	1.80				
February				3.40	5.40	1.00	.60				
March				1.20	2.30	.40	3.70				
April				1.00	1.20	1.20	2.80				
May				1.00	(2.30?)	.30	1.10				
June .....				.20	.70	1.20	3.40				
July .....				.20	4.30	3.10	3.80				
August				2.20	2.40	2.30	4.10				
September....				4.00	1.20	3.50	4.60				
October				3.20	2.00	4.00	5.10				
November....				3.40	.50	3.70	3.20				
December				6.50	3.00	3.90	3.50				
TOTALS . . .				27.50	(28.50) 26.50?	26.10	37.70?	No Observations			

1893 Dingwall Church ² 1 1/2 mile ^S SW

Wall 6 ft high 30 ft N

1894 May about 2 inches short

1896 Aug ? 1.40

RAINFALL AT *Evanton Swardale House*

Lat.

Lon.

County of *East Ross*

Rain Gauge, by

Observer

D Buchanan

Cromarty - 4.

Diameter												
Height				8								
Altitude				520								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January				2.20	4.60	2.10	3.20		3.50	4.40		
February				3.60	7.10	.50			5.40	2.70	1.30	
March				1.90	3.30	4.20	4.60		3.20			
April				1.90	.20	1.30	1.50	.60	2.60		7.80	
May				1.00	3.00	.80	.80	2.10	2.30	1.90		
June .....				.90	3.50	3.70	3.40	1.50	1.30	1.00		
July				1.70	3.20	3.60	3.20	1.20	.60	2.50		
August				2.00	2.80	3.10	1.20	2.20	3.10	1.00		
September....				3.20	.10	1.50	4.10	2.00	2.40	6.00		
October				4.90	1.30	3.70	5.50	2.00	2.60	1.60		
November....				4.40	.60	1.80	.71	3.00	3.70	4.30		
December				3.60	3.30	6.80	3.91	3.10	8.90	4.30		
TOTALS				31.30	33.00	33.10	32.12	23.10	36.90	36.10	(32.00)	*

* Computed from Strathpeffer Spa and Abers

RAINFALL AT Bromarty

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

Rain Gauge, by Observer Board of Northern Lights

Bromarty - 4.

Diameter ....	...										
Height .....	...										
Altitude ....	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.65	1.53	1.97	1.38	1.47	3.60	1.77	2.00	1.51	4.05		
February ....	.45	1.81	2.38	2.81	3.64	1.15	.88	.69	2.96	2.44		
March	1.96	1.59	.90	.38	.81	2.50	1.82	1.20	1.67	3.39		
April .....	.95	.35	1.04	.71	.50	1.60	1.34	.56	1.33	4.28		
May	1.09	2.68	1.88	.68	2.65	1.00	1.12	1.14	1.36	2.45		
June	1.98	1.01	1.87	.94	.96	3.95	3.34	1.73	.54	2.24		
July	2.85	3.80	2.72	1.48	3.10	1.45	2.76	.18	.71	2.36		
August	3.38	2.61	2.65	2.07	4.30	1.80	1.46	1.55	2.63	1.19		
September....	.17	1.84	1.87	2.64	.54	1.90	4.05	.78	2.28	3.54		
October	3.82	1.16	4.79	2.81	1.90	1.60	3.25	1.68	2.36	.76		
November	2.29	1.67	1.67	1.85	.67	.50	.77	2.18	2.80	3.53		
December ....	.31	.86	1.23	2.04	1.30	2.55	2.36	2.09	5.79	4.15		
TOTALS	21.90	20.91	24.97	19.79	21.84	23.60	24.92	15.78	25.94	34.38	23.403	

Jan 1897 Estimated

RAINFALL AT Alness Andross Castle

Lat.

Lon.

County of

East Ross

Rain Gauge, by

Observer

Mr R Massie

Cromarty - 11.

Diameter	5										
Height	10										
Altitude	450 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.37	1.79	5.61	2.25	4.14	4.79	2.93	2.56	2.93	6.44	4.081
February	1.50	3.48	3.69	4.41	7.56	.58	1.21	2.24	4.26	1.63	3.056
March	3.94	3.32	3.09	1.90	3.95	5.80	2.94	3.56	2.80	3.94	3.524
April	2.51	1.00	2.34	1.83	.95	1.68	1.40	.94	3.12	5.45	2.122
May	1.00	2.88	3.09	1.00	5.56	.81	.60	2.59	1.72	2.20	2.145
June	2.70	1.32	2.69	1.24	1.48	5.09	4.14	2.96	2.48	1.56	2.566
July	3.01	4.53	2.77	1.87	3.72	3.59	3.87	2.08	1.74	2.74	2.992
August	3.55	3.72	1.36	3.15	3.66	2.59	1.99	1.46	3.04	1.17	2.519
September	2.20	2.76	4.51	5.42	.68	1.61	4.81	2.31	3.90	5.59	3.319
October	5.96	1.60	7.44	4.57	2.89	4.76	7.20	3.12	4.43	3.30	4.527
November	3.95	3.24	2.75	5.02	.91	3.56	1.00	4.23	5.78	3.61	3.405
December ....	.74	3.24	2.03	3.77	3.85	4.46	3.37	2.93	8.02	5.32	3.773
TOTALS	38.43	32.88	41.37	36.43	39.35	39.32	35.46	30.98	44.22	42.95	38.139

1890 Alness Church 5 1/2 miles S

Espehri 5 ft high 10 ft S

1898 Roskeen Ch 7 miles E

1870—

RAINFALL AT *Fearn Geanies Mains*

Lat. Lon. County of *East Ross*

Rain Gauge, by Observer *Miss Hope Douglas*

oomoch Fath - 5.

Diameter	5											
Height	15											
Altitude ....	...		200									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.15	.98	1.40	1.62	2.05	2.01	1.70	1.00	2.06	3.04	1.701	
February ....	.45	2.31	2.32	1.85	2.62	1.32	.96	.60	2.55	1.53	1.651	
March	1.60	1.13	.70	.19	1.14	1.66	1.49	2.05	1.34	2.48	1.378	
April	1.02	.50	.20	.87	.48	.86	1.27	.69	1.75	2.95	1.059	
May	1.10	2.17	2.30	.75	3.17	.83	1.20	1.47	2.02	1.25	1.626	
June	2.17	1.20	1.33	.93	1.20	4.09	2.86	2.07	1.27	2.93	2.005	
July	4.10	2.31	2.22	2.63	4.74	2.50	3.73	.75	1.46	2.41	2.685	
August	4.00	3.00	2.93	3.90	4.11	2.97	1.82	2.34	2.50	.70	2.827	
September....	2.01	1.25	2.12	1.72	.35	1.48	3.09	1.56	3.90	2.80	2.028	
October	3.00	.91	2.09	3.44	2.10	3.47	2.30	1.85	2.38	.87	2.241	
November....	1.89	1.80	4.14	3.27	.53	1.90	.96	1.16	2.33	1.76	1.974	
December ....	.47	2.13	1.12	1.29	(2.34)	1.36	2.56	1.92	4.10	3.43	(2.042)	
TOTALS	22.96	19.69	22.87	22.46	(24.83)	24.45	23.94	17.46	27.66	26.15	(23.247)	

1894 December computed
 1895 Jarbat Church 3 miles E
 House 70 ft high 90 ft N

RAINFALL AT Fearn Lower Pitkenne

Lat. _____ Lon. _____ County of East Ross

Rain Gauge, by _____ Observer R Gordon Esq C.E.
Donoch Fin - 5.

Diameter	5											
Height	1 0											
Altitude	95											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.37	1.35	1.89	1.71	1.22	2.74	1.88	.96	1.55	2.99	1.966	'
February ....	.69	2.33	1.85	2.03	4.72	.83	.71	.66	3.35	1.32	1.849	'
March	2.51	1.19	1.02	.45	1.56	1.42	1.20	1.97	1.44	2.46	1.522	
April	1.11	.37	1.27	1.06	.71	.95	1.54	.82	1.74	2.40	1.197	'
May .....	.96	2.34	2.36	.97	3.52	.52	.90	1.49	2.02	1.96	1.704	
June	1.61	1.12	1.71	.96	1.54	3.51	3.36	1.94	.91	1.81	1.847	'
July	2.74	3.23	1.96	2.77	4.78	2.75	3.58	.55	1.51	2.50	2.637	'
August	3.76	2.96	2.62	2.17	3.86	2.16	1.72	2.16	2.37	.44	2.422	
September....	2.01	1.39	2.79	2.80	.29	1.36	2.83	1.16	3.96	2.73	2.132	
October	2.54	.80	3.87	3.65	2.27	3.24	1.90	1.73	2.97	.93	2.390	
November	2.78	1.83	1.60	3.45	.88	.40	.41	1.10	1.77	1.79	1.601	
December ....	.39	2.45	1.40	1.80	2.04	2.30	2.81	2.07	4.24	2.81	2.231	
TOTALS	24.47	21.36	24.34	23.82	27.39	22.18	22.84	16.61	27.83	24.14	23.498	

1880 -

RAINFALL AT *Strathconan* ^{*Dalbriac Lodge*} [*Beauly*]

Lat.

Lon.

County of

West Ross

Rain Gauge, by

Observer

Mr D McIver

Cromarty Firth - 4.

Diameter	5											
Height	10											
Altitude	450											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	11.72	5.10	7.39	5.87	7.35	4.58	6.00	1.70	4.72	3.79	5.822	
February	1.50	3.09	4.13	5.34	12.19	3.37	1.98	3.95	10.91	2.11	4.857	
March	6.04	6.20	1.42	3.78	7.33	4.22	8.10	6.18	4.97	2.87	5.111	
April	3.63	.94	3.82	2.35	.63	3.01	5.33	2.92	5.05	5.78	3.346	
May	1.38	3.88	3.32	2.38	4.74	2.28	1.26	4.19	3.71	2.64	2.978	
June	3.58	.94	2.56	1.72	3.27	5.71	5.03	2.39	3.31	.92	2.943	
July	3.99	2.87	2.78	2.86	2.98	5.50	2.55	4.30	2.38	4.06	3.427	
August	5.33	2.68	4.09	3.28	4.37	6.60	3.15	2.98	5.95	1.21	3.964	
September....	2.09	3.54	5.50	7.16	.43	3.25	6.57	5.42	4.61	8.30	4.687	
October	8.20	3.42	5.17	9.79	1.42	5.15	7.01	4.23	3.75	4.42	5.256	
November	5.42	3.92	2.65	8.19	3.01	5.41	1.53	4.15	8.44	6.00	4.872	
December	1.10	5.48	4.56	10.47	7.99	7.32	4.31	8.91	9.44	4.03	6.361	
TOTALS	53.98	42.06	47.39	63.19	55.71	56.40	52.82	51.32	67.24	46.13	53.624	

1890 Carnock Church 1 mile W
Cottage 18 ft high 65 ft N

1880 -

RAINFALL AT *Contin Kinnahard*

Lat. Lon. County of *East Ross*

Rain Gauge, by *Cromarty - 4.* Observer *W Ross Esq*

Diameter ....	...	5									
Height .....	...	12									
Altitude ....	...	74 T									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.40	2.24	3.66	2.49	3.19	1.09	2.83	.57		1.67	
February ....	.80	1.68	2.09	5.69	4.01	.22	.79	2.53	4.48	.81	
March	3.71	3.63	1.03	1.60	3.92	1.25	4.77	1.41	1.64	2.37	
April	1.42	.75	1.73	1.67	.58	1.29	1.95	1.32	2.79	4.73	
May	1.02	2.22	2.46	1.31	2.87	1.55	.72	1.98	2.05	1.90	
June	3.06	1.24	2.23	1.17	1.02	2.23	3.59	1.88	1.49	1.11	
July	3.04	6.27	2.22	2.17	4.29	3.96	2.29	1.25	1.45	2.56	
August	3.49	2.13	2.82	2.34	2.87	2.99	1.15	3.02	2.51	1.24	
September	1.11	2.32	3.28	2.91	.00	1.69	4.10	1.01	2.56	6.12	
October	5.51	1.48	4.15	4.91	1.98	2.67	3.13	3.05	1.65	2.57	
November	2.84	2.54	1.98	4.01	.95	1.84	1.08	1.61	4.53	1.85	
December ....	.38	4.59	2.79	4.94	1.05	1.59	.98	2.34	5.77	3.74	
TOTALS	32.78	31.09	30.44	35.21	26.73	34.00	27.38	21.97	30.92	30.67	30.119

1890 Contin Church mile W

House 30 ft high 90 ft N

1895 Return ten inches too small. Observer says that owing to illness he could not read gauge daily but generally measured once or twice a month — estimated from Strathpeffer Sta

RAINFALL AT *Strathpeffer Spa*

Lat. *57° 37' N.*

Lon. *4° 28' W.*

County of *East Ross*

Rain Gauge, by

Observer

J. Fox

Cromarty - 4.

2.7.704 Eng

Diameter	5										
Height	0 10				1 0						
Altitude	230	200	120		254						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.48	2.75	4.34	2.32	2.96	3.69	2.84	3.18	2.80	3.67	3.303
February ....	.65	2.27	3.55	3.66	6.32	1.04	1.38	1.81	3.56	1.42	2.566
March	4.47	4.49	1.89	1.54	2.77	3.28	3.48	2.25	1.63	2.33	2.813
April	1.74	.71	1.61	1.75	.53	1.60	1.78	1.25	2.50	3.96	1.743
May	1.05	2.33	2.75	1.28	2.59	2.12	.71	2.15	2.50	1.57	1.905
June	3.08	.92	1.73	1.15	1.57	4.46	3.49	1.91	1.51	.88	2.070
July	3.17	4.53	1.99	2.19	4.03	4.38	2.69	2.03	1.33	1.90	2.824
August	3.31	2.66	2.20	3.81	3.05	4.41	1.53	2.56	2.33	.93	2.679
September....	1.62	2.21	3.11	3.51	.28	2.08	3.99	2.26	2.88	5.26	2.720
October	6.11	1.60	3.62	4.46	1.57	3.21	4.07	2.53	2.14	2.28	3.159
November	3.37	2.80	2.22	4.04	1.21	2.53	.90	2.19	3.39	2.40	2.505
December ....	.62	4.45	2.60	3.91	3.94	3.67	3.25	3.58	6.24	3.49	3.545
TOTALS	33.67	31.72	31.61	33.62	30.82	36.47	30.11	27.70	32.81	30.09	31.862

1890 Gauge moved Nov 19th 1/4 mile S.S.W

1892 Gauge moved Dec 10th about 1/2 mile W
House 20ft high 16ft W

1893 Gauge moved Dec 11th 1/4 mile W

1894 Strathpeffer Ch 1/4 mile S.S.E

RAINFALL AT *Strathpeffer Station*

Lat.

Lon.

County of *Ross E.*

Rain Gauge, by

Observer

W. J. Baxter

Cromarty - 4.

Diameter				5							
Height					20						
Altitude						150					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					4.62	3.83	3.59	2.08	3.70	4.37	
February					8.30	1.13	1.75	2.92	6.39	1.43	
March					3.62	3.69	4.02	2.82	2.14	2.79	
April .....					.59	1.65	1.92	1.67	2.63	4.31	
May					3.16	1.56	.81	2.39	2.52	1.72	
June					1.78	4.09	3.41	2.01	1.77	.96	
July					4.61	3.27	3.25	2.29	1.42	2.36	
August					3.28	4.21	1.85	2.64	2.61	.94	
September ....					.09	2.11	4.28	2.56	3.19	6.16	
October					1.66	3.72	4.53	2.81	2.46		#
November				#	5.14	1.17	3.25	.98	2.54	4.16	(8.17)
December					4.87	5.03	5.18	3.73	4.34	7.67	
TOTALS					37.91	37.69	34.12	31.07	40.66	(33.21)	

*

1894 Fodderly Cl 1 1/2 m. E

* 1899 Oct. Dec. = Strathpeffer Sta

RAINFALL AT Dingwall H.R.S
Lat. Lon. County of East Ross
Rain Gauge, by Observer The Station Agent

Cromarty - 4.

Diameter	5										
Height	3 0										
Altitude	15										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.16										
February	2.02										
March	1.46										
April	2.53										
May	1.96										
June	2.37										
July	2.21										
August	3.72										
September....	1.02										
October	2.72										
November	1.35										
December ....	.54										
TOTALS	? 26.06										

1890 Incorrect.

RAINFALL AT Tarbetness

Lat.

Lon.

County of East Ross

Rain Gauge, by

Observer Board of Northern Lights

Sornoch Firth - 5.

Diameter ....	...									
Height	3 4										
Altitude	61?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.75	1.05	1.80	.92	.81	1.55	1.54	.32	1.71	4.11	1.756
February	1.31	2.33	1.87	2.11	3.35	.00	.75	.46	2.45	1.56	1.619
March	3.57	1.86	.00	.65	2.34	1.19	1.48	2.22	1.07	1.21	1.559
April	1.30	.36	.39	1.24	.29	.47	1.77	.58	3.02	3.26	1.268
May	1.07	2.42	2.01	.91	4.33	.40	.98	1.67	3.22	2.74	1.975
June	2.44	1.67	1.48	.70	1.89	3.00	2.99	2.16	1.05	.91	1.829
July	2.85	4.40	2.28	.93	4.56	3.25	3.00	.87	1.30	2.16	2.560
August	4.35	3.23	2.46	1.00	3.27	3.24	1.19	2.48	2.33	.20	2.375
September....	.63	1.88	1.87	1.89	.25	1.13	4.14	1.00	4.61	1.81	1.921
October	5.44	1.00	5.27	3.30	2.74	2.17	2.58	2.01	3.35	.92	2.848
November....	4.07	2.18	1.46	2.67	.39	1.14	1.25	1.32	2.82	1.41	1.871
December ....	.37	2.96	.77	2.04	1.14	1.32	3.71	1.48	5.11	2.48	2.138
TOTALS	31.15	25.34	21.66	18.36	25.36	18.86	25.38	16.57	32.04	22.77	23.749

1870

RAINFALL AT *Loch Uraon*

Lat.

Lon.

County of *West Ross*

Rain Gauge, by

Observer *Sir J. Fowler Bart*

L. Broom - 7.

Diameter	8										
Height	0 7										
Altitude	750										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.56		9.60	5.30	4.60	.70	8.90	2.78	5.60		
February	1.48		5.03	4.27	13.12	.00	2.70	3.60	10.70		
March	7.51		.68	5.60	10.20	10.50	5.70	8.90	7.80		
April	3.49		2.15	.72	1.63	4.30	6.45	2.55	5.07		
May	2.19		3.80	3.02	2.20	3.90	3.90	3.70	3.78		
June	3.60		4.80	3.06	2.75	3.12	3.40	2.02	6.70		
July	4.51		3.05	4.15	4.98	4.14	5.50	3.10	4.72		
August	6.77		4.90	6.60	6.20	1.19	9.40	3.12	5.76		
September	1.71		8.59	10.82	1.16	4.60	4.90	5.72	6.03		
October	13.72		6.50	6.70	2.30	6.30	12.82	6.22	5.07		
November	7.74		2.20	7.70	5.10	5.90	2.89	6.70	7.70		
December ....	.54		6.20	16.75	3.20	7.90	8.39	14.14	17.89	#	
TOTALS	66.82		57.50	74.69	57.44	52.55	74.95	62.55	86.82		(66.00)*

1891 Gauge and record both lost in the great flood of February 1892.

* Computed from Braemore House

RAINFALL AT Lochbroom Loch Drome

Lat. Lon. County of West Ross

Rain Gauge, by Observer Sir J. Fowler Bart
L. Broom - 7. a. W. Hardy Esq

Diameter	8										
Height	0 7										
Altitude	850										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.75	6.28	.25	.39	6.56	.13	8.17	1.65	11.45	4.85	
February	1.77	5.94	3.53	5.44	6.82	.25	.27	6.80	12.89	5.29	
March	11.58	2.74	2.18	5.54	2.53	.39	10.43	14.16	5.93	5.32	
April	4.24	.41	1.49	1.57	1.34	6.82	8.74	3.60	9.49	6.49	
May	2.27	2.46	2.87	7.71	2.42	2.59	8.87	2.45	6.77	4.38	
June	5.98	1.84	6.48	2.74	2.51	7.80	5.00	3.87	10.82	1.82	
July	6.27	9.87	.43	7.10	7.43	6.80	8.50	5.99	8.63	1.78	
August	7.89	4.68	3.61	4.04	5.13	11.84	10.12	5.61	11.09	2.43	
September	1.78	4.73	1.99	10.97	.35	7.31	9.50	17.09	4.73	7.09	
October	22.91	8.87	9.02	7.59	.00	3.55	9.48	10.97	3.46	11.24	
November	11.02	5.22	.90	6.71	4.87	6.81	1.34	11.22	4.45	6.95	
December ....	.45	8.50	.17	6.74	.00	2.52	7.73	11.70	18.48	3.56	
TOTALS	89.91	61.54	?	66.54	39.96	56.81	?	?	?	61.20	

1890 Incorrect
 1892 " 20 inches too small
 1894 "
 1895 Jan to April nearly ten inches short.
 1898 Too big
 1899 Lochbroom Church 9 miles N by W

RAINFALL AT Braemore House

Lat.

Lon.

County of West Ross

Rain Gauge, by

Observer

Sir J. Fowler Bart
and Hardy Esq

Lochbroom - 7.

Diameter	8											
Height	0 7											
Altitude	750											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	13.55	4.80	10.10	5.10	5.10	(4.35)	8.60	2.69	5.75	5.20	6.524	
February	1.35	4.31	4.98	4.56	13.09	(2.30)	2.90	3.26	10.30	3.60	5.065	
March	7.23	5.81	1.70	5.34	10.14	(6.85)	5.50	8.02	7.95	4.05	6.259	
April	3.45	2.27	2.10	1.30	1.65	4.55	6.55	3.30	4.95	4.53	3.465	
May	2.04	4.50	3.72	2.86	2.05	3.96	2.60	3.55	3.55	3.50	3.233	
June	3.55	1.94	5.19	2.08	2.80	3.15	3.53	1.85	4.08	2.90	3.107	
July	4.50	7.11	2.80	4.40	4.95	5.70	3.40	4.65	4.45	2.54	4.450	
August	7.00	4.80	4.98	4.21	6.35	5.26	3.65	3.15	1.85	3.30	4.455	
September	2.12	4.40	8.50	10.97	1.10	3.40	4.80	5.60	5.90	11.50	5.829	
October	13.87	6.20	6.41	6.68	2.35	6.35	12.17	6.40	5.10	4.10	6.963	
November	7.37	6.52	2.23	7.35	5.05	6.55	3.38	3.80	7.85	10.50	6.060	
December ....	.51	7.45	6.17	16.60	5.05	6.95	8.32	14.05	17.98	7.60	9.068	
TOTALS	66.54	60.11	58.88	71.45	59.68	59.37	65.40	60.32	79.71	63.32	64.478	

1895 Jan to March Rainfall apportioned by comparison with neighbouring records.

1899 Lochbroom Church 4 Miles N by W

1880 -

RAINFALL AT Braemore Lodge Forth

Lat.

Lon.

County of West Ross

Rain Gauge, by

Observer

Sir J. Fowler Bant
and Hardy Esq

L Broom - 7.

Diameter	8										
Height	0 7										
Altitude	100										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.60	4.87	9.90	4.84	5.26		7.31	3.26	4.50	4.35	
February ....	.85	4.36	4.58	5.26	13.10		2.10	2.54	3.95	3.15	15.919
March	7.55	6.18	1.21	5.19	10.19	9.45	7.16	4.20	4.55	5.73	
April	3.90	.73	3.28	.29	1.19	4.30	7.88	2.64	2.75	3.80	3.076
May	1.27	3.85	2.76	3.02	2.10	3.00	3.30	2.70	3.14	3.75	2.889
June	4.92	1.45	3.66	1.11	1.81	4.30	3.40	1.50	3.35	.05	2.555
July	3.61	4.57	2.29	1.64	4.97	5.82	4.64	1.80	4.50	2.70	3.654
August	7.15	5.64	4.88	3.98	5.81	5.50	5.91	2.82	3.90	4.60	5.019
September	2.70	3.94	8.97	9.85	1.58	4.15	3.21	3.48	4.05	6.20	4.813
October	14.23	9.02	4.82	7.86	1.29	6.97	7.11	7.02	4.45	7.15	6.992
November	6.77	4.81	2.75	4.75	4.58	8.44	3.62	2.89	5.75	5.25	4.961
December ....	.98	7.16	7.21	15.77	5.13	6.24	2.89	9.90	5.10	5.05	6.543
TOTALS	67.53	56.58	56.31	63.56	57.01	58.17	58.53	44.75	49.99	51.78	56.4219

1898 Unreliable

1899 Lochbroom Church 1 Mile N by W

RAINFALL AT Ullapool Rhidorroch

Lat.

Lon.

County of West Ross

Rain Gauge, by

Observer W. R. Jackson Esq

L. Broom - 7.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			4.95	1.89							
February			4.19	3.75							
March			2.60	2.91							
April			3.26	1.02							
May			3.00	1.92							
June			2.29	.62							
July			1.29	5.03							
August			5.81	4.68							
September....			5.47	11.96							
October			7.11	7.90							
November....			3.97	12.75							
December			4.52	14.50							
TOTALS			48.51	68.93	^{no} Reply						

RAINFALL AT Loch Torridon Shieldaig

Lat. Lon. County of West Ross

L. Ewe - 8. Rain Gauge, by Observer C. D. Rudd Esq

Diameter											
Height							4 0				
Altitude							30				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						3.92	6.81	2.02	6.20	4.82	
February ....						.67	2.87	3.61	7.46	2.09	
March						4.23	9.57	4.89	5.97	4.97	
April						3.87	6.26	3.16	4.17	5.82	
May						1.88	2.13	2.93	3.06	3.46	
June						2.92	4.82	1.41	3.52	2.39	
July						3.70	4.25	3.45	4.31	3.28	
August						5.34	6.25	3.14	4.91	2.07	
September....						4.73	6.24	6.90	6.38	9.03	
October						11.08	8.74	3.63	3.45	5.13	
November....						5.37	5.22	5.63	5.94	8.30	
December						4.70	4.82	6.48	13.83	4.54	
TOTALS				64.84	57.99	52.41	67.98	47.25	69.20	55.90	

RAINFALL AT Loch Torridon Bendamp

Lat.

Lon.

County of West Ross

Rain Gauge, by

Observer

Rt Hon Earl Lovelace

L. Eve - 8.

Mr K MacPherson

Hon L. F. King Noel

Diameter	8	5									
Height	0 6	11			5						
Altitude	36	25									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	19.66	9.19	10.20	9.18	11.01	5.13	12.01	3.49	12.20	6.61	98.68
February	1.35	8.86	5.57	7.93	11.09	1.26	6.41	6.85	13.93	5.06	68.31
March	8.85	5.09	3.06	6.64	13.22	7.94	12.05	9.63	9.70	7.20	83.38
April	3.66	1.01	2.95	1.63	1.13	5.90	8.11	6.12	6.32	8.43	45.26
May	2.28	4.27	5.30	3.59	6.70	2.27	3.24	5.66	4.42	5.32	43.05
June	6.41	3.87	3.80	1.89	3.70	2.95	5.87	2.44	5.13	4.07	40.13
July	7.04	5.01	4.96	4.57	6.71	6.50	4.78	6.61	4.16	6.11	56.45
August	8.22	8.45	8.78	(4.00)	7.90	6.27	9.71	5.74	6.93	3.14	69.14
September	5.38	11.24	14.28	12.60	.86	5.95	7.33	10.97	10.01	13.16	91.78
October	16.15	9.51	9.57	11.18	3.14	12.45	12.52	6.06	5.46	7.95	9.399
November	1.96	8.75	6.72	13.64	17.03	7.79	6.05	7.66	9.11	13.83	9.254
December	1.92	13.33	6.54	16.91	13.46	8.18	6.85	11.63	20.49	7.46	106.77
TOTALS	82.88	88.58	81.73	(93.76)	95.95	72.59	94.93	82.86	107.86	88.34	889.48

1893 August record lost ——— compared

1894 Shielding Church 6 miles S.S.W.

Trees 9 ft high 30 ft N

1899 Alligin Church 2 miles N.W.

Tower 50 ft high 450 ft E

Gauge close to sea shore & surrounded by hills running up to 3456 ft in height in one case

RAINFALL AT Kintail (The Globe)

Lat.

Lon.

County of

West Ross

Rain Gauge, by

Observer

Rev R. MacKenzie

Loch Carron - 9.

Diameter										5	
Height										10	
Altitude										57	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										5.55	
February										3.09	
March										6.07	
April										5.82	
May										2.96	
June										2.52	
July										5.25	
August										2.78	
September										13.05	
October										8.15	
November										11.98	
December										4.56	
TOTALS										71.78	

1899 Kintail Church 1/4 mile W
 Trees 40 ft high 180 ft N.W.
 Dyke 4 " " 120 ft S.W.

RAINFALL AT *Strome Ferry H.R.S.*

Lat. Lon. County of *West Ross*

L. Carron Rain Gauge, by Observer *The Station Agent*
new, built - 9.

Diameter	5										
Height	10										
Altitude	40 ^T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.55	5.66	8.14	5.98							
February	1.30	3.54	2.72	5.43							
March	6.94	3.74	2.40	4.06							
April	2.47	1.34	1.72	1.90							
May	1.98	1.65	5.11	2.69							
June	5.60	2.24	1.72	1.91							
July	6.94	4.11	3.56	3.74							
August	6.01	6.56	6.25	5.48							
September	5.52	8.29	9.45	8.46							
October	10.41	(7.50)	5.34	#							
November	7.81	6.47	5.89								
December	1.58	9.71	5.22								
TOTALS	70.11	(60.81)	57.52								

RAINFALL AT Applecross Gardens

Lat. _____ Lon. _____ County of West Ross
Rain Gauge, by _____ Observer Mr D McGowan

L. Carron - 9.

Diameter	5										
Height	10										
Altitude	70 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	11.99	4.99	7.22	6.35	5.50	3.94	5.87	3.81	5.25	5.22	6.014
February	1.48	2.81	2.97	4.79	5.77	3.21	4.00	3.45	7.99	2.80	3.927
March	4.91	3.88	2.15	1.62	4.88	5.81	9.15	5.86	5.11	4.45	4.782
April	2.91	1.32	1.69	1.31	.99	3.85	5.91	2.90	3.56	3.60	2.804
May	2.49	3.40	4.21	3.05	5.55	1.41	2.07	4.04	5.19	2.27	3.368
June	2.67	2.72	3.00	.91	3.00	2.60	4.63	2.00	2.53	2.60	2.666
July	5.31	5.64	2.67	4.85	5.69	4.73	4.58	3.58	4.45	2.47	4.397
August	6.00	5.51	5.75	4.40	4.51	5.45	6.19	3.52	4.50	2.72	4.855
September	5.92	6.28	6.86	7.98	1.15	4.30	6.22	8.03	6.64	7.07	6.045
October	9.88	7.52	9.98	8.14	3.13	9.90	8.12	4.25	3.29	8.35	7.256
November	7.90	5.95	5.37	5.20	8.55	6.50	3.00	5.38	6.92	6.85	6.162
December	1.98	7.44	4.76	8.80	7.26	4.65	5.23	7.03	10.90	4.60	6.265
TOTALS	63.44	57.46	56.63	57.40	55.98	56.35	64.97	53.85	66.33	53.00	58.541

1890 Applecross Church ^{1/2} Mile NR
Trees 70 ft high 150 ft N

RAINFALL AT

Glencarron Lodge

Glencarron (p. 95)

Lat.

Lon.

County of West Ross

Rain Gauge, by

Observer D. D. Munro Esq.

L. Carron - 9.

Diameter	5										
Height	10										
Altitude	504										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	16.50	9.32	14.61	10.09	11.03	5.70	10.41	2.05	12.97	7.70	10.038
February	2.12	12.14	5.05	8.37	14.93	2.32	7.34	6.32	11.30	3.54	7.343
March	13.12	8.07	3.52	9.14	9.39	8.91	11.79	7.40	10.45	9.26	9.105
April	4.40	1.63	4.35	3.54	1.20	5.89	8.84	4.14	5.57	7.91	4.747
May	2.85	5.32	5.74	3.95	6.20	3.45	2.07	5.71	6.18	4.55	4.602
June	7.61	3.37	5.78	2.24	4.38	4.52	7.20	3.23	4.09	2.22	4.464
July	8.91	5.72	5.15	5.77	5.54	7.42	4.02	7.55	6.66	6.57	6.331
August	9.42	7.08	9.63	5.48	8.60	7.95	6.79	5.15	9.33	2.72	7.215
September	8.84	12.34	12.86	15.37	.42	6.41	7.76	11.21	9.43	14.94	9.958
October	23.11	7.39	8.90	14.85	3.16	11.16	7.32	6.11	7.41	10.58	9.999
November	10.62	6.13	8.63	15.38	8.68	7.05	6.67	9.25	9.06	16.79	9.826
December	2.28	11.72	7.56	15.75	12.99	7.76	7.13	9.65	21.65	6.33	10.282
TOTALS	109.78	90.23	91.78	109.93	86.52	78.54	87.34	77.77	114.10	93.11	93.910

1895 Gauge moved 4 May 100 yards N.E.

RAINFALL AT *Isle of Lewis Horroway*

Lat.

Lon.

County of *West Ross*

Rain Gauge, by

Observer

The Meteor Council

Insular -10.

Diameter	8											
Height	10											
Altitude	24											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.16	4.67	3.15	2.36	6.39	4.51	5.66	2.28	4.94	8.17	4.929	
February ....	.76	3.32	1.99	2.40	7.93	1.47	4.23	3.66	8.03	3.71	3.750	
March	4.37	4.49	1.21	1.84	3.97	3.37	5.63	6.02	5.43	6.38	4.271	
April	3.79	.41	1.15	1.12	.84	3.15	3.36	2.29	4.67	4.82	2.560	
May .....	.58	1.54	3.45	1.51	1.81	1.68	1.51	3.02	3.10	2.40	2.060	
June	3.88	2.68	1.99	1.24	1.45	3.36	3.66	.45	1.97	2.55	2.323	
July	3.94	1.53	1.91	3.39	6.83	3.86	3.58	1.73	2.54	2.74	3.205	
August	4.40	3.38	4.07	5.27	5.05	4.53	7.09	2.83	5.46	1.18	4.326	
September	4.02	3.98	4.54	7.92	.47	3.15	5.41	5.58	5.18	8.45	4.870	
October	8.89	9.38	4.36	6.37	3.24	6.16	7.26	3.43	5.58	5.04	5.971	
November	6.81	4.84	5.77	7.11	6.04	4.09	6.27	5.79	9.85	8.63	6.520	
December	1.39	6.31	2.56	7.53	7.05	4.97	5.37	8.16	14.87	5.79	6.400	
TOTALS	49.99	46.53	36.15	48.06	51.07	44.30	59.03	45.24	71.62	59.86	51.185	

Hyd Sta No. 89- 727447

NGR: NB (19) 428329

alt 9m

1890

RAINFALL AT *Isle of Lewis Stornoway*

Lat. Lon. County of *West Ross*

Rain Gauge, by Observer *Road of Northern Lights*
Inular, outer Hebrides -10.

Diameter ....	...									
Height	34										
Altitude	31 ⁹										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.80	2.92	2.45	2.13	3.48	2.04	3.42	1.36	2.74	4.86	3.120
February ....	.92	2.45	2.06	2.71	5.06	.70	2.42	1.87	3.78	2.25	2.422
March	3.50	1.69	1.69	1.08	3.44	2.77	3.74	4.40	2.87	3.78	2.896
April	2.16	.69	1.15	1.00	.85	2.45	1.82	1.62	2.82	2.97	1.753
May .....	.83	2.05	3.63	1.62	2.01	1.22	1.21	1.82	2.25	2.01	1.865
June	3.11	2.09	1.84	1.54	1.85	2.53	2.96	.52	3.15	2.22	2.181
July	3.61	1.44	2.02	3.02	5.73	2.84	3.14	2.09	2.31	1.00	2.720
August	2.71	3.11	3.57	4.80	3.57	3.42	4.12	2.41	3.04	.95	2.170
September	1.86	3.43	4.45	4.64	.36	3.24	3.75	4.21	2.49	7.12	3.555
October	5.31	4.89	3.17	5.27	2.58	4.38	3.80	2.33	2.53	3.33	3.759
November	3.83	3.17	2.57	4.43	4.48	2.87	2.73	2.52	3.61	5.54	2.575
December	1.50	4.32	2.46	5.51	4.13	2.83	2.96	6.08	6.94	4.03	4.076
TOTALS	35.14	32.25	31.06	37.75	37.54	31.29	36.07	31.23	38.53	40.06	35.092

RAINFALL AT *Isle of Lewis Stornoway*

Lat.

Lon.

County of *West Ross*

Rain Gauge, by

Observer *Dr Buchan*

Insular - outer Hebrides - 10.

Diameter											
Height											
Altitude						<i>56</i>					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						<i>4.27</i>	<i>5.64</i>				
February						<i>1.10</i>	<i>4.23</i>				
March						<i>2.77</i>	<i>5.63</i>				
April						<i>3.06</i>	<i>3.00</i>				
May						<i>1.22</i>	<i>.83</i>				
June						<i>2.53</i>	<i>3.66</i>				
July						<i>2.84</i>	<i>5.41</i>				
August						<i>3.61</i>	<i>7.01</i>				
September....						<i>3.16</i>	<i>5.41</i>				
October						<i>6.13</i>	<i>6.98</i>				
November....						<i>4.09</i>	<i>6.27</i>				
December						<i>5.02</i>	<i>5.31</i>				
TOTALS						<i>39.80</i>	<i>59.38</i>				

Apparently the same Station as the Met: Off: return but many discrepancies.

RAINFALL AT *Stornoway Eishken Lodge*

Lat.

Lon.

County of Rock

Rain Gauge, by Callaghan.....

Observer

Insular - 10.

[illegible]

RAINFALL AT

Isle of Lewis. Butt of Lewis

Lat.

Lon.

County of

West Ross

Rain Gauge, by

Observer

Board of Northern Lights

Insular, 10.

Diameter ....	...										
Height	3 6											
Altitude ....	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.66	2.77	2.56	2.67	5.30	2.79	4.96	1.56	3.81	3.87	3.495	
February ....	.65	2.67	1.80	2.22	7.70	.74	2.89	3.10	7.43	1.88	3.108	
March	2.42	.49	.70	2.64	4.16	3.08	4.23	3.89	4.37	2.28	2.826	
April	2.48	.40	1.10	.87	.45	2.43	2.78	1.59	2.23	3.64	1.797	
May .....	.65	1.49	2.49	1.73	2.60	.96	.99	2.78	2.52	1.35	1.756	
June	3.05	1.57	2.05	1.13	3.57	3.22	2.36	.54	2.88	2.80	2.317	
July	3.17	2.13	1.77	3.70	5.44	3.07	2.43	2.45	3.31	1.58	2.905	
August	3.92	3.25	3.38	5.30	5.05	3.47	4.80	1.69	4.50	1.30	3.666	
September....	2.08	3.18	4.05	8.46	.30	3.21	4.10	5.44	2.91	6.08	3.981	
October	5.76	3.97	4.36	9.97	2.90	5.15	7.66	3.00	2.88	3.66	4.931	
November	4.48	3.10	1.31	7.49	4.62	2.60	4.33	3.69	3.32	4.75	3.969	
December	1.09	3.43	3.05	7.32	5.11	4.57	2.70	4.32	7.61	5.42	4.462	
TOTALS	34.41	28.45	28.62	53.50	47.20	35.29	44.23	34.05	47.77	38.61	39.213	

1870—

RAINFALL AT *Invershin*

Lat. Lon. County of *Sutherland*

Rain Gauge, by Observer *J. E. Young*
snock 7th - 1.

Diameter	5											
Height	4 0											
Altitude	20 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.79	1.68	2.05	2.04	2.88	2.19	1.64	1.66	2.81	4.08	2.482	
February	1.05	2.47	1.35	3.19	5.14	.24	.89	1.00	5.78	1.22	2.238	
March	3.17	3.07	.94	.73	2.54	2.18	2.95	5.34	3.14	2.64	2.670	
April	2.14	1.85	1.89	1.59	.07	1.68	2.71	.63	5.26	4.74	2.256	
May	1.34	3.08	3.01	1.03	2.11	.56	.39	3.40	4.72	2.40	2.204	
June	1.89	2.07	2.78	1.40	1.59	2.29	3.37	1.57	2.56	2.14	2.166	
July	3.07	5.85	2.67	3.66	4.82	4.33	2.06	1.83	2.43	4.12	3.484	
August	4.25	4.96	2.07	2.94	4.47	4.94	2.98	1.84	3.03	.80	2.228	
September....	3.05	3.40	3.37	3.34	.07	1.42	4.82	3.48	3.82	5.33	2.210	
October	6.20	.74	5.26	4.32	1.35	3.03	2.93	3.93	5.47	2.46	2.569	
November....	3.47	3.58	2.84	2.97	.72	.79	.73	3.11	5.10	3.37	2.668	
December ....	.35	2.07	1.04	2.40	2.64	1.88	2.45	3.64	4.76	3.65	2.488	
TOTALS	33.77	34.82	29.27	29.61	28.40	25.53	27.92	31.43	48.88	36.95	32.658	

1870-

RAINFALL AT Laing

Lat.

Lon.

County of Sutherland

Rain Gauge, by

Observer

The Meteor Council

R. D. Macrae

Donoch Fm - 1.

Diameter	5										
Height	30							10			
Altitude	335						390	385?			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.80	3.15	4.92	3.11	3.33			1.43	3.19	3.53	
February	2.22	3.76	3.31	3.68	4.35			2.02	5.69	.94	
March	4.53	5.57	1.86	2.32	2.71			4.50	3.32	3.42	
April	2.64	1.12	1.86	1.86	.07			.77	4.33	3.75	
May	1.14	2.52	2.90	1.49	1.36			2.34	3.18	2.22	
June	3.11	1.64	2.92	1.10				1.11	3.06	1.27	
July	2.45	4.77	2.98	4.08	4.25			1.70	1.51	2.49	
August	3.06	3.14	2.43	4.10				2.01	3.46	1.20	
September	2.79	2.81	3.26	5.36				2.72	4.01	5.40	
October	6.00	2.00	4.76	5.60			4.34	1.96	4.16	3.52	
November	5.96	4.40	2.44	4.50			1.46	3.21	5.79	3.61	
December	1.06	3.53	2.15	4.17			3.38	2.29	7.03	3.99	
TOTALS	38.76	38.41	35.79	41.37	(35.25)	(34.00)	(36.25)	26.06	48.73	35.34	(37.00)*

1897 Laing Church $\frac{1}{4}$ mile S.S.W
Wall 7 ft high 15 ft N

* Computed from Invershin & Dunrobin

RAINFALL AT Lavie H.R.

Lon.

County of _____

Lutherland

Rain Gauge, by

Observer

The Station Agent

Overnach - 1.

[illegible]

RAINFALL AT Dornoch The Manse

Lat. _____ Lon. _____ County of Sutherland

Rain Gauge, by _____ Observer Rev D. Grant
Hees, etc - 2.

Diameter									5		
Height									10		
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									1.87	3.55	
February									3.40	1.35	
March									2.13	2.28	
April									2.76	3.10	
May									2.77	2.20	
June									1.28	1.86	
July									1.18	3.75	
August									2.33	.58	
September....									4.33	3.44	
October.....									3.15	1.05	
November....									2.91	1.99	
December									4.27	3.54	
TOTALS									32.38	28.69	

Dornoch Church 150 yards N
Trees & Shrubs 12 ft high 30 ft

RAINFALL AT Golspie H.R.S.

Lat.

Lon.

County of Sutherland

Rain Gauge, by

Observer The Station Agent

Fleet - 2.

Diameter	5											
Height	0 9											
Altitude	27											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.71	2.95	5.35	3.03	3.31	3.77	3.27	.66	.91	1.82	2.878	
February	1.33	2.97	3.04	2.48	4.64	.72	1.55	1.68	2.22	.62	2.125	
March	4.89	3.88	1.08	1.63	1.97	1.78	3.46	3.26	1.52	1.79	2.526	
April	1.88	.66	1.93	2.14	.34	1.01	2.52	.62	2.05	3.59	1.674	
May	1.19	3.03	2.94	1.04	3.54	1.01	1.63	2.57	2.89	1.96	2.180	
June	3.23	1.20	1.68	1.19	1.61	2.89	3.41	2.00	2.32	1.82	2.185	
July	2.44	3.51	2.43	3.52	5.21	4.18	3.41	1.47	1.26	3.17	3.060	
August	4.04	3.76	2.62	2.32	3.66	2.96	1.93	2.18	2.50	1.06	2.703	
September	1.44	2.00	2.35	4.09	.28	1.10	4.34	1.87	4.02	4.32	2.581	
October	7.12	.60	4.95	4.27	2.54	3.70	3.88	2.53	3.41	2.73	3.572	
November	2.96	2.32	1.14	5.39	1.27	2.08	1.20	1.23	4.13	2.07	2.379	
December ....	.19	2.68	2.40	3.03	2.96	2.88	3.79	2.06	3.06	2.57	2.562	
TOTALS	34.42	29.56	31.91	34.13	31.33	28.08	34.39	22.13	30.29	27.52	30.376	

1880 -

RAINFALL AT Golspie Dunrobin Castle

Lat.

Lon.

County of Sutherland

Rain Gauge, by

Observer Mr D. Melville

Fleet - 2.

Diameter	5											
Height	10											
Altitude	14 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.32	2.11	3.23	2.57	2.98	3.28	2.97	1.36	1.90	4.24	2.796	
February	1.45	2.88	2.95	2.41	5.23	1.09	1.86	1.22	4.81	1.55	2.545	
March	4.78	4.02	1.03	1.27	1.97	2.92	2.82	3.68	3.23	2.91	2.863	
April	2.27	.54	2.17	1.45	.46	1.62	2.00	.68	3.04	4.04	1.827	
May	1.42	2.22	3.35	1.28	3.55	1.10	1.69	2.55	3.36	2.53	2.305	
June	3.09	1.68	1.59	1.34	1.55	2.75	4.16	1.54	1.60	1.50	2.080	
July	2.64	3.97	2.81	3.01	5.02	3.94	3.31	1.03	1.07	3.18	2.998	
August	3.46	3.85	2.73	2.67	3.76	3.30	1.72	2.57	2.57	1.15	2.778	
September....	2.72	1.92	3.03	4.55	.19	1.38	4.67	1.71	3.84	4.81	2.882	
October	5.71	.77	3.78	4.49	2.27	5.91	3.07	3.14	3.23	2.05	3.442	
November	3.47	2.67	1.71	5.15	1.22	2.02	1.68	2.01	3.82	2.52	2.627	
December ....	.71	3.32	1.48	3.11	2.91	3.01	3.88	2.78	6.24	3.68	3.112	
TOTALS	35.04	29.95	29.86	33.30	31.11	32.32	33.83	24.27	38.71	34.16	32.255	

1890 Golspie Church 3/4 mile W
Trees 28ft high 40 yards N

1880—

RAINFALL AT Golspie Dunrobin Castle

Lat. _____ Lon. _____ County of Sutherland

Fleet - 2. Monthly Rain Gauge, by _____ Observer Mr D Melville

Diameter	3											
Height	0 3											
Altitude	13 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.35	2.04	3.60	2.85	2.85	3.11	2.80	1.25	2.00	4.60	2.845	
February	1.40	3.00	2.80	2.70	5.00	1.20	1.85	1.30	4.80	1.60	2.565	
March	4.85	3.90	.95	.80	1.75	2.95	2.65	3.45	3.17	3.05	2.752	
April.....	2.20	.45	1.95	1.70	.50	1.45	1.85	.70	3.10	4.20	1.810	
May	1.30	2.15	3.00	.95	3.20	1.10	1.50	2.30	3.50	2.40	2.140	
June	3.20	1.60	1.40	1.10	1.50	2.42	3.75	1.45	1.45	1.50	1.937	
July	2.35	3.85	2.40	2.65	4.50	3.25	3.10	1.00	.80	3.30	2.720	
August	3.30	3.60	3.00	2.20	3.20	3.20	1.10	2.30	2.40	1.00	2.530	
September....	2.80	1.80	2.50	3.85	.10	1.25	4.40	1.50	4.00	4.50	2.670	
October.....	5.50	.70	3.85	4.00	2.20	5.69	3.00	3.10	3.50	2.10	3.364	
November....	3.60	2.90	1.65	5.65	1.10	1.85	1.60	2.00	3.85	2.50	2.670	
December ....	.65	3.45	1.35	3.00	3.10	2.75	3.85	2.55	6.50	3.70	3.090	
TOTALS	34.50	29.44	28.45	31.45	29.00	30.22	31.45	22.90	39.07	34.45	31.093	

1890 Golspie Church 3/4 mile W
Trees 28ft high 120ft N

1860

RAINFALL AT *Ben Klibreck Altnaharra F.C. Manor*

Lat. Lon. County of *Sutherland*

Rain Gauge, by Observer *R. A. Sutherland*
N. Coast - 4.

Diameter								5			
Height								1 - 0			
Altitude								300T			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									3.52	5.04	
February									9.06	1.19	
March									5.44	3.96	
April									3.22	3.60	
May									2.61	2.41	
June									2.10	1.19	
July									1.43	2.59	
August									2.93	3.24	
September									3.36	4.86	
October								[#] 2.72	2.87	4.30	
November								4.37	5.93	4.85	
December								4.48	9.47	3.77	
TOTALS									51.94	41.00	

Tongue Church 16 miles N.

House 9 ft- high 24 ft- N.W.

RAINFALL AT *Tongue, Talmine Melness*

Lat.

Lon.

County of *Sutherland*

Rain Gauge, by

Observer *Rev. Cathel Kerr*

N. Coast - Lt.

Diameter								5			
Height									10		
Altitude									95		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									4.33	4.59	
February									8.58	1.25	
March									4.77	3.83	
April									2.73	2.54	
May									4.78	2.71	
June									2.31	1.43	
July									2.61	2.91	
August									3.56	1.79	
September									3.62	6.45	
October									3.61	4.79	
November								# 4.44	6.30	#	
December								4.37	8.59		
TOTALS									55.79		

*Tongue Church 5 miles S
wall 4 ft high 20 ft S.W.*

RAINFALL AT Bettyhill Farr School

Lat.

Lon.

County of Sutherland

Rain Gauge, by

Observer Mr. E. Mackay

N. Coast - Lt.

Diameter										5	
Height										1 0	
Altitude										100	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										4.60	
February ....										.98	
March										4.12	
April										2.83	
May										2.35	
June										1.37	
July										2.90	
August										1.35	
September										5.66	
October										3.57	
November										2.65	
December										# 6.87	4.71
TOTALS . . .										37.09	

Farr Church 1/4 mile E

RAINFALL AT

Dunmess

Lat.

Lon.

County of *Sutherland*

Rain Gauge, by

Observer *Rev Adam Gunn*

N. Coast - 4.

Diameter									5		
Height										2 0	
Altitude										30	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									[#] 6.67	4.96	
February									9.52	2.06	
March									6.75	6.46	
April									3.20	3.29	
May									3.49	3.84	
June									2.83	2.47	
July									3.27	3.30	
August									4.53	3.11	
September									5.21	6.77	
October									3.51	6.36	
November									8.19	7.68	
December									10.07	4.15	
TOTALS . . .									67.24	54.45	

RAINFALL AT Cape Wrath

Lat.

Lon.

County of Sutherland

Rain Gauge, by

Observer

Board of Northern Lights

N. coast - H.

Diameter	3										
Height	3 6										
Altitude	355?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.76	5.99	5.14	5.01	3.04	1.89	3.83	.93	3.47	2.98	
February ....	.70	3.31	2.26	1.77	4.14	.98	1.98	2.29	4.17	1.91	
March	3.68	1.59	.43	3.80	2.32	2.88	3.00	2.95	4.15	3.71	
April	1.44	.23	1.65	.89	.36	2.33	2.94	1.27	2.04	3.68	
May .....	.12	(3.50)	3.96	2.85	2.82	1.01	2.23	2.34	1.65	2.40	
June	3.57	(1.00)	4.49	1.03	1.41	1.70	3.68	.80	2.60	1.47	
July	2.56	5.16	1.14	3.32	2.41	2.16	2.67	2.30	2.74	2.94	
August	7.41	7.03	5.59	3.20	6.62	2.33	5.51	2.26	3.56	2.26	
September	3.10	6.92	7.32	5.30	.44	2.83	3.86	4.21	4.53	7.54	
October	9.40	4.00	7.65	6.77	3.72	4.90	6.22	3.73	1.97	3.92	
November	5.39	5.80	3.66	6.92	4.25	1.98	4.70	3.14	4.11	5.51	
December	1.56	6.09	2.67	6.31	3.85	2.67	3.63	4.33	8.45	3.01	
TOTALS	43.69	53.12	45.96	47.17	35.38	27.66	44.25	30.55	43.44	41.33	41.255

1891 May + June gauge broken. - computed

makes gap in total of years

Reg. Gm.

RAINFALL AT Scourie

Lat. Lon. County of Sutherland

Rain Gauge, by L. Lesford - 5. Observer J. Simpson Esq

Diameter	5										
Height	0 4										
Altitude	28										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.76	4.76	3.70	2.54	4.47	2.86	6.93	1.78			
February ....	.89	3.51	5.02	2.62	5.89	2.63	2.86	3.40			
March	5.16	3.43	2.53	3.70	3.79	3.98	5.25	3.90			
April	2.31	.61	1.97	1.36	.70	2.90	3.68	1.94			
May .....	.99	3.62	3.02	2.67	3.95	1.24	3.46				
June	3.68	1.80	2.96	1.65	1.90	1.92	3.98				
July	4.30	4.68	4.07	4.56	5.29	3.32	3.15				
August	6.14	5.63	5.82	4.37	5.21	4.68	7.40				
September....	2.47	4.73	5.84	8.14	1.51	2.39	6.40				
October	8.18	4.63	5.83	8.64	2.44	10.03	6.11				
November	5.39	3.24	4.45	9.51	4.15	3.02	3.92				
December	1.73	5.77	4.18	7.12	5.85	3.17	3.60				
TOTALS	48.00	46.41	49.39	56.88	45.15	42.14	56.74				(45.00)*

1890 Badcall Church 3 miles S

Range of low hills 150 ft high 75 ft + 120 ft NE & E

* Computed from Stourhead

RAINFALL AT Stourhead

Lat. _____ Lon. _____ County of Sutherland

Rain Gauge, by _____ Observer Board of Northern Lights
Board Bay - 6.

Diameter . . . .	. . .										
Height . . . . .	. . .										
Altitude . . . .	. . . .										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.50	4.30	4.00	3.80	5.00	3.20	5.80	.80	3.80	3.50	4.070	
February . . . .	.80	4.00	3.90	2.30	8.70	.70	2.40	1.90	3.50	1.60	2.980	
March	4.90	2.30	1.30	2.90	3.20	5.30	3.60	5.40	3.30	3.50	3.570	
April	1.70	.02	2.10	1.10	.50	4.90	2.20	1.20	1.70	1.40	1.682	
May	1.20	3.70	4.40	3.10	4.20	1.50	1.20	1.60	2.00	1.60	2.450	
June	4.10	2.40	3.90	.80	1.60	4.00	2.40	.40	2.70	1.40	2.370	
July	6.00	6.30	3.30	5.80	4.40	4.80	3.00	3.20	2.20	1.60	4.060	
August	6.20	7.10	4.80	5.40	7.30	3.40	4.60	2.40	3.10	1.10	4.540	
September	3.10	6.60	6.30	5.90	.80	1.90	2.70	3.10	3.80	5.30	3.950	
October	10.50	4.90	3.90	8.10	2.50	5.60	4.20	2.30	1.70	4.10	4.780	
November	5.40	4.10	2.10	5.10	5.60	2.20	3.60	3.40	3.80	6.30	4.160	
December	2.30	4.10	3.80	6.20	6.20	2.00	2.80	3.60	6.80	2.70	4.050	
TOTALS	52.70	49.82	43.80	50.50	50.00	39.50	38.50	29.30	38.40	34.10	42.662	

1880-

RAINFALL AT Berriedale, Langwell

Lat. Lon. County of Caithness

Rain Gauge, by Observer Mrs W. Macpherson
Berriedale - 1. (SMS.)

Diameter							6					
Height							1 0					
Altitude							150T					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January							2.70	.80	1.75	4.20		
February							1.00	2.50	5.20	1.60		
March							2.70	4.00	2.40	2.70		
April							1.90	.95	2.70	3.20		
May							1.00	2.20	2.75	2.30		
June							2.80	1.25	1.45	1.10		
July							4.70	1.50	.77	1.85		
August							1.90	2.52	2.30	.70		
September....							5.10	2.57	3.50	3.50		
October							4.60	3.37	2.30	2.11		
November....							1.80	2.35	4.30	1.80		
December							4.45	2.76	5.75	4.94		
TOTALS							34.65	26.77	35.17	30.00		

1896-07 recd. 1909 from S.M.S. Ent. 18.09.

RAINFALL AT Wick, Coastguard Sta.

Lat.

Lon.

County of Fairness

Rain Gauge, by

Observer The Meteor Council

Wick - 2.

Diameter	8											
Height	19											
Altitude	77											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.01	1.57	4.33	3.13	3.08	3.67	2.39	3.18	.88	3.20	2.744	
February	1.21	2.50	3.01	2.59	3.63	1.98	.91	.63	1.87	1.34	1.967	
March	2.97	3.42	.97	1.32	1.39	2.37	3.29	2.61	.89	3.05	2.228	
April	2.12	1.19	2.08	.96	.47	2.39	2.02	1.12	1.23	2.24	1.582	
May	2.27	2.60	2.44	1.39	3.81	.65	2.00	1.50	2.57	2.11	2.134	
June	2.73	1.83	1.85	1.09	1.27	3.05	3.26	1.11	1.37	1.15	1.871	
July	3.41	3.84	2.89	3.61	4.38	2.56	4.16	1.20	1.60	2.10	2.975	
August	3.65	4.51	2.82	2.01	3.55	3.19	2.28	2.17	2.94	1.36	2.848	
September....	2.73	2.06	2.30	4.72	.78	2.03	4.49	3.02	3.36	5.32	3.081	
October	4.77	1.86	5.14	4.86	3.07	3.81	3.86	2.01	3.12	1.95	3.445	
November	3.85	2.17	3.02	6.44	1.25	1.62	1.64	1.99	3.80	2.15	2.793	
December	1.65	3.60	2.79	2.79	2.85	5.61	4.35	1.31	3.75	3.71	3.241	
TOTALS	33.37	31.15	33.64	34.91	29.53	32.93	34.65	21.85	27.38	29.68	20.909	



Hyd. Sta. No. 91-770785

NGR: ND (39) 375499

alt: 25m

1880-

RAINFALL AT Wick H.R.

Lon.

County of _____

Coathness

Rain Gauge, by

Observer

The Station Agent

wick - 2.

[illegible]

RAINFALL AT Wick Rosshhead

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

Rain Gauge, by Wick - 2. Observer Board of Northern Lights

Diameter	8										
Height	4 8										
Altitude	127?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.15	1.18	3.48	3.94	1.48	1.07	2.04	1.96	2.40	4.65	2.435
February ....	.68	1.90	1.38	2.02	1.14	.86	.91	.63	5.79	1.48	1.679
March	3.31	2.82	.45	.45	1.02	1.50	3.70	2.62	2.87	.92	1.966
April .....	.58	.10	.66	.06	.32	1.57	1.54	.37	2.89	2.70	1.079
May	1.68	2.21	1.64	.82	3.00	.31	1.78	1.74	1.03	1.88	1.609
June	2.76	1.27	1.94	.48	.69	3.47	2.18	1.02	2.02	1.13	1.696
July	3.57	3.12	3.37	3.05	3.91	2.10	3.30	1.08	.79	1.80	2.609
August	3.49	4.73	2.42	1.52	3.88	2.40	1.82	2.04	2.66	1.15	2.611
September....	1.26	2.51	1.80	3.31	.35	1.93	3.97	4.14	2.65	5.92	2.484
October	5.46	2.16	5.71	3.69	2.49	3.23	2.30	3.00	2.13	1.89	2.206
November....	4.57	2.03	2.75	4.60	.75	1.13	1.10	1.52	3.06	2.34	2.385
December ....	.96	2.34	1.73	1.35	1.56	4.60	3.55	5.80	4.91	4.52	3.130
TOTALS	30.47	26.37	27.33	25.29	20.59	24.17	28.19	25.92	33.20	30.38	27.191

RAINFALL AT Watten HRS

Lat.

Lon.

County of Caithness

Rain Gauge, by

Observer

The Station Agent

wick - 2.

Diameter	5											
Height	2 6											
Altitude	75 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.66	.87	2.64	2.27	2.12	2.75	1.65	1.45	1.43	3.15	1.999	
February	1.17	1.81	2.00	2.02	2.43	1.06	.76	.88	3.81	1.03	1.697	
March	2.01	2.87	.83	.90	1.33	1.97	2.99	2.63	2.35	1.66	1.954	
April	1.39	.58	1.48	.47	.51	1.96	1.42	.92	2.41	1.82	1.296	
May	1.83	2.19	2.12	1.21	4.16	.43	1.63	1.35	3.44	2.18	2.054	
June	2.42	1.39	2.35	1.05	1.55	2.46	2.46	1.02	1.98	1.09	1.777	
July	3.79	3.34	2.46	4.14	4.07	2.48	3.34	1.51	1.28	2.15	2.856	
August	3.83	4.46	2.08	2.02	3.35	2.16	1.92	2.63	2.45	1.16	2.606	
September	2.58	1.62	2.16	4.96	.60	1.62	4.09	3.44	2.85	5.09	2.901	
October	4.63	2.36	5.24	5.36	3.01	3.68	3.40	3.22	2.77	2.01	3.568	
November	3.80	2.28	2.36	5.03	.94	1.60	1.63	1.77	4.43	1.71	2.555	
December	1.21	2.91	2.07	1.67	2.14	3.94	4.10	2.17	3.61	3.86	2.768	
TOTALS	30.32	26.68	27.79	31.10	26.21	26.11	29.39	22.99	32.81	26.91	28.031	

1890 Watten Church 1/2 mile N.N.W 1880-
 Lamppost 8 ft high 36 ft N.W
 House 11 " " 90 " W

RAINFALL AT Thurso Holburnhead

Lat. Lon. County of Caithness

Rain Gauge, by Observer Board of Northern Lights

Thurso - 3.

Diameter	3										
Height	0 8										
Altitude	60 ?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January.	2.80	1.10	5.20	2.20	3.30	3.70	3.90	2.60	3.40	5.35	3.355
February ....	.80	2.20	3.20	1.90	3.70	.70	1.40	1.30	4.40	1.60	2.120
March	3.50	3.70	.60	1.20	1.30	3.50	4.80	5.20	3.90	2.50	3.020
April.....	1.20	.20	1.20	1.20	10	2.20	3.20	1.00	3.50	3.80	1.760
May	1.00	2.50	1.70	1.40	2.50	.50	1.80	1.30	4.10	3.80	2.060
June	2.70	1.10	2.20	.90	1.60	1.50	2.40	.80	3.90	1.90	1.900
July	3.70	5.00	2.20	3.80	5.30	1.90	3.40	2.20	2.50	3.00	3.300
August	4.10	4.20	3.00	2.80	4.20	3.50	3.90	1.80	4.50	1.20	3.320
September....	2.00	1.90	1.60	5.40	.40	2.30	4.60	4.80	4.20	4.70	3.190
October.....	6.30	.80	6.20	6.40	4.10	6.20	4.10	2.90	3.60	3.70	4.430
November....	3.70	2.20	2.40	10.10	1.30	2.50	3.20	3.90	7.60	2.80	3.970
December	1.30	2.60	2.70	2.90	4.70	5.10	4.90	3.90	7.70	4.70	4.050
TOTALS	33.10	27.50	32.20	40.20	32.50	33.60	41.60	31.70	53.30	39.05	36.475

1870 -

RAINFALL AT Dunnethead

Lat. Lon. County of Caithness

Thurso - 3. Rain Gauge, by Observer Board of Northern Lights

Diameter ....	...									
Height	3 0										
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.61	1.96	4.21	1.89	2.15	1.79	3.30	.42	2.77	3.52	2.462
February	1.13	2.38	2.53	2.20	3.06	.84	.42	.82	3.31	1.62	1.831
March	4.06	2.82	1.10	1.23	1.55	2.79	2.43	1.35	3.10	1.05	2.148
April.....	1.20	.40	2.10	.70	.23	2.15	.91	.74	2.35	1.91	1.269
May	1.72	3.10	2.09	1.73	1.87	.51	1.68	.77	1.79	1.54	1.680
June	3.72	1.70	2.15	.56	1.86	1.44	2.56	.59	2.13	.60	1.731
July	3.12	5.36	2.43	2.57	5.25	2.18	2.67	1.48	1.90	1.89	2.885
August	4.53	6.44	3.67	2.91	2.75	1.92	2.80	.94	2.12	1.11	2.919
September....	2.30	2.47	2.54	5.68	.44	1.50	2.17	1.17	1.91	4.30	2.448
October.....	6.57	1.91	4.18	5.43	2.72	3.79	2.89	1.61	3.76	1.68	3.454
November....	4.82	3.13	2.84	5.94	1.96	1.60	2.56	1.46	2.47	1.93	2.871
December	1.72	3.27	1.87	2.51	2.51	2.41	3.60	2.33	3.69	3.40	2.731
TOTALS	37.50	34.94	31.71	33.35	26.35	22.92	27.99	13.68	31.30	24.55	28.429

RAINFALL AT Stroma

Lat. Lon. County of Caithness

Rain Gauge, by Observer Board of Northern Lights
Insular -5.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....								.34	1.50	2.80	
February ....								.89	4.40	.80	
March								2.75	2.55	.80	
April .....								.30	2.15	.60	
May .....								.00	1.80	1.30	
June .....								.65	1.70	.90	
July .....								.85	.70	1.90	
August								1.85	1.00	.70	
September....								3.45	3.55	2.70	
October								2.35	1.50	.20	
November....								2.00	2.90	.80	
December							[#] 3.74	2.45	3.90	2.30	
TOTALS								17.88	27.65	15.80	

RAINFALL AT Pentland Skerries

Lat.

Lon.

County of Orkney.

Rain Gauge, by

Observer Board of Northern Lights

Diameter ....	...										
Height	3 3											
Altitude	72?											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.81	1.08	3.64	2.10	3.05	.65	2.38	.78	1.62	4.66	2.177	
February ....	.93	1.65	2.16	2.50	3.63	.76	.56	.85	4.27	1.10	1.841	
March	2.58	1.82	.13	.77	.29	1.23	1.92	4.93	2.60	1.62	1.789	
April	1.18	.49	2.12	.47	.80	1.09	.86	1.66	1.33	2.70	1.270	
May	2.01	1.94	2.27	1.16	2.39	.85	.74	.79	2.32	1.20	1.567	
June	1.62	1.44	1.90	.43	1.32	1.36	1.84	.29	2.18	1.17	1.355	
July	2.58	2.86	1.84	2.21	3.34	1.07	2.22	2.12	1.78	1.23	2.125	
August	3.09	3.50	3.23	1.00	1.55	1.25	2.87	2.61	2.69	1.68	2.347	
September	1.46	2.36	1.99	4.14	1.01	2.01	3.92	4.77	3.50	5.11	3.027	
October	4.76	1.41	3.68	4.59	2.85	1.76	2.88	2.45	2.41	2.67	2.946	
November	4.29	1.87	2.57	3.22	1.21	1.04	1.86	2.37	4.01	2.32	2.476	
December ....	.79	2.61	2.19	2.16	3.61	1.65	3.43	3.45	5.19	4.24	2.932	
TOTALS	27.10	23.03	27.72	24.75	25.05	14.72	25.48	27.07	33.90	29.70	25.852	

RAINFALL AT Hoy bantick head

5819

Lat.

Lon.

County of Orkney

Rain Gauge, by

Observer Board of Northern Lights

Diameter ....	...									
Height	06										
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.00	2.90	4.40	3.70	4.20	1.70	2.90	.70	3.50	5.32	3.332
February	2.30	1.60	2.40	2.20	5.00	.00	2.00	1.90	6.00	1.00	2.1140
March	5.30	2.10	1.60	1.30	1.60	1.90	3.10	3.20	3.60	1.12	2.482
April	1.90	.90	2.70	.50	.00	2.10	1.50	.50	2.90	3.14	1.614
May	1.60	3.60	3.20	.90	1.60	.40	1.70	1.20	2.20	2.83	1.923
June	5.40	2.90	2.20	.10	1.30	.70	2.70	.10	2.00	1.71	1.911
July	4.80	4.30	.29	1.70	4.10	1.90	2.10	.80	1.30	2.19	2.348
August	3.50	4.90	.26	2.40	3.00	1.30	3.00	2.60	2.93	1.65	2.554
September	4.40	2.80	2.70	5.10	.20	1.80	3.80	4.30	3.42	5.04	3.356
October	5.50	2.90	2.60	5.10	2.30	4.40	4.60	3.00	1.71	3.82	3.693
November	4.70	1.80	2.70	5.70	1.30	1.90	2.90	3.80	4.41	7.02	3.623
December	1.50	4.20	2.90	3.30	3.10	5.40	4.10	3.80	4.11	6.54	3.895
TOTALS	44.90	34.90	27.95	32.00	27.70	23.50	34.40	25.90	38.08	41.38	33.071

1860 -

RAINFALL AT *South Ronaldshay Roeberry*

Lat. Lon. County of *Orkney*

Rain Gauge, by Observer *J. Gray Esq*

Diameter	5											
Height	12											
Altitude	101 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.24	2.05	4.85	2.41	3.33	3.04	2.91	1.43	4.03	5.46	3.275	
February	1.37	2.09	3.27	3.23	3.25	.97	1.86	1.50	5.20	1.51	2.425	
March	3.78	2.61	1.37	1.80	1.39	1.85	3.09	4.01	4.56	2.54	2.700	
April	1.15	.72	2.63	.66	.49	2.80	1.68	1.42	4.33	2.45	1.833	
May	2.09	2.72	3.68	1.47	2.22	.70	1.73	1.57	5.27	3.09	2.454	
June	2.73	1.74	2.73	.55	1.84	2.02	2.89	.56	2.20	1.57	1.883	
July	3.24	3.81	2.75	2.89	4.75	2.41	3.11	1.58	2.83	2.59	2.996	
August	2.58	4.51	3.68	1.88	3.22	2.17	2.82	2.32	5.17	2.09	3.044	
September	2.92	2.77	2.69	4.88	.42	2.23	4.73	5.99	4.74	5.14	3.651	
October	4.74	2.04	4.59	6.75	3.31	3.87	5.25	3.03	3.86	3.58	4.102	
November	5.29	2.87	3.29	5.97	1.50	2.18	2.35	4.35	6.15	3.36	3.731	
December	1.47	3.54	2.66	3.31	2.68	5.91	5.28	4.40	5.92	4.83	4.000	
TOTALS	34.60	31.47	38.19	35.80	28.40	30.15	37.70	32.16	54.26	38.21	36.094	

1890 -

RAINFALL AT *Hoy Graemsay Sound East - High*

Lat.

Lon.

County of

Orkney

Rain Gauge, by

Observer

Board of Northern Lights

Diameter	-										
Height	3 4										
Altitude	27 ⁹										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.00	3.12	3.72	1.40	5.10	3.40	4.22	1.45	4.95	2.95	
February	1.45	1.85	2.35	2.90	3.60	.40	3.10	1.90	3.75	1.40	
March	4.40	3.23	.74	3.10	3.40	2.40	5.00	2.80	4.55	1.70	
April	1.43	.40	1.89	.60	.20	2.80	6.40	.90	2.70	1.85	
May	1.90	2.35	3.20	.90	2.00	.50	3.70	1.85	3.20	2.65	
June	3.31	1.55	2.51	.10	1.20	1.60	3.60	.70	1.85	1.65	
July	2.57	3.80	1.78	2.50	4.00	1.80	4.50	1.65	1.80	2.70	
August	3.06	3.17	2.40	1.60	3.10	1.50	5.00	1.30	2.65	1.95	
September....	2.51	3.37	4.16	4.20	.50	1.59	6.30	4.05	4.80	1.43	
October	6.38	1.98	2.90	6.50	2.40	3.65	8.65	3.05	3.15	7.60	
November	6.05	2.66	2.00	6.90	2.20	1.75	3.70	2.40	5.60	6.10	
December ....	.84	3.28	1.60	3.90	4.30	4.24	3.30	2.00	6.45	5.05	
TOTALS	37.90	30.76	29.25	34.60	32.00	25.63	35.00 57.47	24.05	45.45	37.03	(33.16)

1896 Unreliable — estimated from Graemsay
Sound West = low

RAINFALL AT

Roy Graemsay Sound West - Low

Lat.

Lon.

County of

Orkney

Rain Gauge, by

Observer

Board of Northern Lights

Diameter ....	...										
Height	3 4											
Altitude ....	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.98	2.58	3.60	2.39	4.31	3.29	4.03	1.43	2.94	4.01	3.256	
February	1.60	1.71	3.00	2.86	3.20	.87	3.11	1.44	6.95	1.34	2.608	
March	4.13	3.44	1.08	2.67	2.74	2.01	3.97	4.29	3.95	3.00	3.128	
April	1.33	.53	2.19	1.01	.44	2.95	2.19	1.19	3.02	3.16	1.801	
May	1.86	2.73	3.12	1.41	1.67	.78	1.90	1.47	3.15	2.51	2.060	
June	3.47	1.45	2.40	.68	1.26	2.06	2.34	.62	1.97	2.26	1.851	
July	2.99	3.77	2.24	2.93	4.15	1.61	1.87	1.20	2.22	3.76	2.674	
August	3.63	4.93	3.12	2.48	2.46	2.58	2.64	1.79	3.00	2.38	2.901	
September	3.23	3.36	4.54	4.05	.71	2.99	3.77	5.83	4.24	8.82	4.154	
October	5.97	2.66	4.34	5.09	2.23	4.92	5.17	4.20	3.41	5.89	4.388	
November	6.37	3.11	2.54	6.05	1.42	2.22	2.56	3.49	4.68	5.00	3.744	
December	1.66	4.12	3.24	3.89	3.87	4.05	5.08	3.45	7.24	6.45	4.305	
TOTALS	40.22	34.39	35.41	35.51	28.46	30.33	38.63	30.40	46.77	48.58	36.870	

1880—

RAINFALL AT Pomona Stenness & Deerness
 Lat. 58° 59' N. Lon. 3° 13' W. County of Orkney
 Rain Gauge, by _____ Observer The Meter Council

Diameter											
Height			10								
Altitude			170								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		2.95	4.77	3.60	4.01	3.38	3.32	2.23	3.55	4.33	
February		2.02	3.35	2.66	3.72	1.04	2.49	1.60	5.89	1.50	
March		2.94	1.45	2.50	2.22	2.04	3.18	3.44	3.60	3.42	
April .....		.83	2.02	1.14	.48	2.93	1.66	1.60	2.69	2.56	
May		2.27	3.12	1.45	2.37	.91	2.01	1.72	3.36	2.89	
June		1.42	2.12	.41	1.67	2.81	3.19	.86	1.22	2.16	
July		4.90	2.67	3.04	4.71	2.49	3.12	1.90	2.68	2.50	
August		(4.67)	3.25	1.87	3.90	2.76	3.01	1.97	3.05	1.44	
September....	3.86	3.37	3.29	5.24	1.22	2.77	6.23	4.66	4.12	4.59	
October	5.53	1.88	4.72	7.07	2.88	4.68	5.80	3.07	3.52	3.46	
November	7.14	2.43	3.91	6.11	1.41	2.89	2.67	3.43	4.42	3.95	
December	1.78	3.14	2.38	4.21	2.99	6.06	5.19	3.76	6.45	3.42	
TOTALS			37.05	39.30	31.58	34.76	41.87	30.24	44.55	36.22	

1891 Aug. Gauge moved from Stenness to Deerness

RAINFALL AT Pomona Kirkwall

Lat.

Lon.

County of Orkney

Rain Gauge, by

Observer

Mr J. W. Forsiter

W. A. Smith

Diameter	5		3									
Height	0 6		1.8	1 3								
Altitude	30		12	20								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.50	2.71	6.01	3.41	5.08	4.35	3.93	2.83	4.16	4.44	4.142	
February	2.01	2.12	3.37	2.62	4.94	1.97	2.90	2.17	8.24	1.65	3.199	
March	4.03	4.54	1.59	1.10	2.46	2.69	3.82	4.08	4.73	3.40	3.244	
April	1.26	1.09	2.16	1.10	.26	2.90	1.77	1.26	3.37	2.87	1.804	
May	2.02	2.61	3.69	1.45	2.28	.83	1.94	2.31	3.34	2.44	2.291	
June	3.17	1.77	2.53	.23	1.29	1.96	2.35	.56	1.95	1.74	1.755	
July	3.32	4.00	2.60	3.53	4.30	2.15	2.86	1.84	2.14	2.30	2.904	
August	3.14	4.61	3.25	2.92	4.06	2.54	3.46	1.94	3.81	1.35	3.108	
September	2.57	3.51	3.78	5.60	.30	2.39	5.15	5.28	2.99	4.85	3.642	
October	6.13	2.13	4.47	8.48	3.16	4.82	6.30	3.72	3.94	4.67	4.782	
November	5.80	2.58	3.50	8.04	2.10	2.51	3.14	4.30	6.39	4.81	4.317	
December	1.82	4.34	2.10	4.10	4.29	6.65	5.06	4.42	7.56	5.02	4.536	
TOTALS	39.77	36.01	39.05	42.58	34.52	35.76	42.68	34.71	52.62	39.54	39.724	

1894 Gauge moved at end of May 150 yards W.N.W
 St Magnus Church 1/4 mile S.S.E
 Wall 3 ft high 8 ft 5

RAINFALL AT *Hellyar Holm*

Lat..... Lon..... County of *Orkney*
Rain Gauge, by Observer *Bd of Northern Lights*

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					3.35	1.55	3.65	.90	3.21	3.74	
February					5.25	.53	1.60	2.20	5.90	1.67	
March					3.00	2.35	3.24	2.92	3.07	3.04	
April . . . . .					.35	3.70	1.40	1.10	2.28	4.17	
May					2.75	1.30	2.23	1.20	2.00	2.03	
June					1.15	3.20	2.40	.55	1.56	1.30	
July					3.85	2.42	3.80	1.46	1.00	1.88	
August					5.08	2.85	3.15	1.10	3.09	.84	
September					1.20	4.00	4.55	4.60	3.32	5.28	
October					3.30	7.15	6.05	3.00	2.46	3.70	
November					1.55	3.30	2.55	2.48	4.41	4.91	
December				#	4.75	2.45	7.60	4.20	4.18	5.83	5.99
TOTALS					33.28	39.95	38.82	25.69	38.13	38.55	

RAINFALL AT Shapinsay Balfour Castle

Lat. Lon. County of Orkney
Rain Gauge, by Observer Mr Balfour

Diameter	4	5									
Height	0 6	7	6								
Altitude	50										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.00	2.60	^{5.76} 4.55	1.95	^{4.30} 3.35	4.35	3.21	2.50	3.81	^{4.03} 2.45	36.51
February	2.00	1.80	^{3.24} 2.46	2.84	^{4.20} 2.85	1.97	2.00	1.60	^{7.54} 4.86	^{1.50} 1.54	28.69
March	3.50	³ 3.30	^{1.53} 1.59	1.40	^{2.09} .65?	2.45	2.48	3.40	^{4.33} 3.40	^{3.08} 2.84	27.56
April	1.00	.30	^{2.07} 1.70	.85	^{.22} 44	2.35	2.00	1.40	^{3.08} 2.72	^{2.60} 2.40	15.87
May	1.80	3.00	^{3.54} 3.36	.78	^{1.94} .88?	.86	1.80	1.65	^{3.06} 2.85	^{2.21} 2.80	20.64
June	2.00	1.50	^{2.43} 1.85	.28	^{1.09} .89	1.82	2.25	.50	^{1.78} 1.00	^{1.58} .90	15.23
July	3.80	4.40	^{2.50} 2.16	3.25	^{3.65} 3.10	2.15	2.80	1.84	^{1.96} 2.00	^{2.08} 1.45	28.43
August	3.00	3.60	^{3.12} 2.50	2.26	^{3.45} 3.10	2.50	3.12	1.94	^{3.48} 2.80	^{1.26} 1.20	27.69
September....	3.60	2.95	^{3.63} 3.20	5.10	^{.25} .00	2.40	5.00	4.50	^{2.74} 3.00	^{4.40} 4.12	34.57
October	6.00	2.52	^{4.30} 3.80	8.48	^{2.68} 2.83	4.80	5.54	3.20	^{3.60} 2.90	^{4.25} 3.60	45.37
November....	6.50	2.45	^{3.36} 2.72	4.48	^{1.78} 1.10	2.30	2.58	3.15	^{5.85} 4.40	^{4.37} 3.30	36.82
December	1.10	4.38	^{2.02} 2.61	4.15	^{3.64} .40?	5.50	4.46	3.25	^{6.92} 5.42	^{4.56} 4.28	39.98
TOTALS	38.30	32.80	32.50	35.82	49.29	33.45	37.24	28.93	38.15	30.88	357.36

(37.50) ↑ (29.29) (48.15)(35.88)

Months 1892, 4, 8, 9 allocated from Kirkwall record XI/36
1891 a New Gauge in July 5" Diameter Height 7 inches placed in same position as old

1894 Too small almost throughout, especially in March
May & December
Years struck out strongly wrong. Pencil figures computed for average VIII. 11

Hydro No 765 745

RAINFALL AT Auskerry

Lat.

Lon.

County of Orkney

Rain Gauge, by

Observer Board of Northern Lights

Diameter ....	...										
Height .....	...										
Altitude ....	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.03	1.09	4.21	1.17	5.79	2.53	2.00	.50	.90	2.95	2.417	
February	1.70	1.72	2.46	1.50	5.87	.25	1.55	1.35	1.50	1.75	1.965	
March	4.37	2.10	.81	1.45	1.86	1.37	1.70	2.30	1.90	1.53	1.939	
April	1.24	.28	1.00	.20	.00	2.45	.80	.85	1.45	1.56	.983	
May	1.90	2.57	2.80	.12	2.87	.30	.90	.95	1.75	1.75	1.591	
June	2.43	1.00	1.50	.16	.81	1.05	2.30	.55	1.25	2.97	1.402	
July	6.65	4.61	1.26	1.55	3.07	.32	2.90	.70	1.05	2.50	2.461	
August	2.07	2.35	2.45	3.05	3.48	.45	1.00	1.20	2.60	1.20	1.985	
September....	2.93	3.54	1.48	5.99	.27	.80	4.20	2.04	2.55	4.55	2.835	
October	5.27	1.38	2.15	6.89	2.12	2.51	2.40	2.44	2.55	3.68	2.139	
November....	4.82	1.52	1.96	8.46	1.67	1.95	1.10	4.08	4.58	5.20	2.534	
December ....	.69	2.66	2.85	6.99	5.00	2.55	1.88	2.39	4.97	6.25	3.623	
TOTALS	37.10	24.82	24.93	37.53	32.81	16.53	22.73	19.35	27.05	35.89	27.874	

RAINFALL AT Sanda Start Point

Lat.

Lon.

County of

Orkney

Rain Gauge, by

Observer

Board of Northern Lights

Diameter	11											
Height	0 6											
Altitude	29?											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.50	2.10	4.55	2.80	4.80	5.00	3.15	3.70	3.75	5.90 1.43	3.775	
February	1.45	.78	3.45	2.60	3.20	.25	2.30	2.30	6.80	2.80 2.10	2.593	
March	3.60	2.45	1.15	1.10	2.20	1.75	3.85	4.40	5.10	3.70 3.75	2.930	
April .....	.40	.10	1.20	.20	.00	2.35	1.70	2.20	3.70	5.50 1.69	1.735	
May .....	.61	2.72	2.85	.60	1.40	1.05	1.60	2.10	2.10	2.61 2.42	1.764	
June	1.81	.50	1.00	.20	.90	2.65	2.95	1.25	2.10	2.50 1.23	1.586	
July	6.35	7.40	.77	1.90	2.60	1.25	3.35	1.45	1.55	2.30 1.50	2.892	
August	2.00	1.90	2.75	2.50	3.05	1.95	2.75	2.75	3.45	1.00 1.02	2.410	
September....	2.40	2.08	3.30	4.30	.45	3.85	6.50	4.90	3.15	4.80 3.35	3.573	
October	5.09	1.63	4.40	5.92	2.75	5.40	6.50	3.70	4.20	4.90 1.15	4.449	
November....	5.74	1.20	2.85	6.70	2.00	2.70	3.30	4.40	5.28	5.40 1.06	3.957	
December ....	.55	3.75	2.75	3.45	4.25	3.80	5.20	6.35	7.00	5.90 2.13	4.300	
TOTALS	32.50	26.61	31.02	32.27	27.10	32.00	43.15	39.50	48.18	47.31 20.43	35.964	

1850

RAINFALL AT *Sanda*

Lon.

County of _____

Orkney

Rain Gauge, by

Observer:

Board of Northern Lights

[illegible]

RAINFALL AT Ustria Roup Head

Lat......

Lon.

County of.

Orkney

Rain Gauge, by

Observer

Bd. of Northern Lights

[illegible]

RAINFALL AT North Ronaldshay

Lat.

Lon.

County of Orkney

Rain Gauge, by

Observer Donald Northern

Diameter ....	...										
Height	3 4											
Altitude	21 9											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.66	4.14	8.05	4.50	2.47	† .00	3.13	1.00	4.12	3.50	3.457	
February	1.20	.87	3.35	2.95	2.80	† .00	2.07	1.63	3.43	1.24	1.954	
March	2.60	2.20	.75	3.05	1.80	1.25	3.78	3.73	3.46	2.92	2.554	
April .....	.93	.65	1.30	1.55	.00	1.95	2.60	1.65	3.34	2.23	1.620	
May	1.15	1.47	2.48	1.59	† .00	.00	.89	.93	1.74	2.16	1.241	
June	2.90	1.04	.95	.00	2.60	2.10	1.95	.86	1.60	1.82	1.582	
July	4.67	5.05	1.95	.97	2.20	1.15	1.77	1.46	1.45	1.43	2.210	
August	2.65	3.07	2.80	1.77	1.65	1.85	2.50	1.77	2.01	1.21	2.128	
September	4.75	2.31	5.23	3.61	.00	3.90	4.08	4.95	2.39	3.61	3.483	
October	4.11	1.70	4.98	6.47	2.00	3.82	5.94	3.34	4.14	3.91	4.041	
November	4.30	1.86	5.02	3.32	1.55	3.55	2.74	3.24	3.38	6.52	3.548	
December ....	.30	3.00	2.85	6.47	2.27	4.90	5.27	4.39	6.16	4.41	4.002	
TOTALS	33.22	27.36	39.71	36.25	19.34	24.47	36.72	28.95	37.22	34.96	31.820	

† Doubtful - probably no record - see neighbouring stations

1860 -

RAINFALL AT *Sule Skerry*

Lat. Lon. County of *orkney.*

Rain Gauge, by Observer *Bd of Northern Lights*

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							2.20	3.30	4.30	4.10	
February							2.30	1.80	2.60	2.80	
March							4.03	6.20	4.90	3.70	
April							2.09	.40	.00	3.90	
May							1.70	2.15	3.10	1.90	
June							3.50	.50	1.10	1.70	
July							1.90	2.00	3.70	2.50	
August							8.10	3.70	3.40	1.30	
September						<i>#</i> 2.60	5.50	6.70	5.60	6.60	
October						4.80	7.80	2.00	4.90	6.50	
November						1.90	2.95	3.50	5.30	7.00	
December						2.40	2.80	3.10	6.30	5.00	
TOTALS							44.87	35.35	45.20	47.00	

RAINFALL AT Fair Isle South

Lat. Lon. County of Shetland

Rain Gauge, by Observer Board of Northern Lights

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				1.10	1.62	2.05	2.05	1.90	2.35	1.40	
February				1.80	1.84	.20	1.70	1.15	2.55	1.80	
March				1.65	1.93	1.55	2.90	2.40	2.15	1.05	
April .....				.70	.05	1.00	2.45	1.15	1.20	.52	
May .....				.55	1.20	.95	.65	1.00	.90	1.50	
June .....				.05	.62	1.30	1.10	1.15	1.55	.60	
July				1.25	1.45	1.70	2.40	1.30	1.05	.33	
August				2.15	1.40	2.05	1.60	2.00	1.45	.30	
September....				2.63	.30	2.45	5.35	2.75	1.45	2.05	
October				3.01	1.30	4.95	4.60	2.05	1.90	1.67	
November....				3.15	2.00	1.90	2.55	1.75	2.03	2.45	
December				2.65	3.50	2.55	2.95	2.45	1.85	.30	
TOTALS				20.69	17.21	22.65	30.30	21.05	20.43	13.97	

RAINFALL AT Fair Isle North

Lat.

Lon.

County of Shetland

Rain Gauge, by

Observer Board of Northern Lights

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....				.50	2.95	2.75	2.35	1.30	4.40	2.50	
February ....				.72	1.80	1.50	2.40	2.10	3.20	.90	
March .....				.75	1.80	1.85	4.05	2.50	3.30	2.00	
April .....				.40	.00	1.85	2.20	.55	2.90	1.90	
May .....				.50	1.15	1.35	1.05	.80	1.70	2.10	
June .....				.38	.50	2.60	1.25	1.15	1.90	.80	
July				1.25	1.50	1.95	1.95	2.60	1.30	2.60	
August				2.91	2.55	2.10	1.50	3.90	1.90	.90	
September....				3.22	.30	2.70	4.65	3.60	1.60	2.70	
October.....				3.85	1.90	5.80	6.10	5.30	3.10	2.40	
November....				3.20	2.15	2.75	3.95	3.22	2.50	3.70	
December				3.15	3.55	.27	3.25	3.90	3.30	2.50	
TOTALS				20.83	20.15	27.47	34.70	30.92	31.10	25.00	

RAINFALL AT Sumburghhead

Lat. Lon. County of Shetland

Rain Gauge, by Observer Board of Northern Lights

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.40	2.90	3.00	3.87	5.17	6.05	5.46	3.79	2.91	3.60	
February	1.35	1.60	2.10	2.60	5.36	.35	4.85	4.51	4.17	1.85	
March	4.05	1.75	1.17	3.15	3.41	5.28	4.29	4.40	3.03	1.95	
April .....	.90	.35	.85	1.30	.60	5.58	2.67	2.09	2.59	1.80	
May	1.20	2.00	1.22	1.00	2.25	1.74	1.13	2.19	1.30	2.50	
June	2.00	.90	1.35	.35	2.30	2.27	1.17	1.87	2.00	1.00	
July	4.85	6.50	.99	1.90	.66	1.31	4.02	3.74	.70	(2.50)	
August	1.95	3.65	1.54	3.15	4.96	3.98	2.66	3.12	2.30		
September	2.60	3.95	3.56	3.21	1.91	6.95	5.59	2.59	2.15	2.95	
October	3.52	1.70	3.15	2.74	4.41	6.78	6.51	3.18	3.45	2.60	
November	4.52	2.30	3.50	2.80	1.75	5.07	2.69	3.70	2.75	5.40	
December	1.48	2.85	2.60	7.65	7.36	5.67	4.78	3.59	7.80	4.05	
TOTALS	31.82	30.45	25.03	33.72	40.14	51.03	45.82	38.77	35.15	30.20	36.213

1899 July & Aug. estimated from Dunrobin

RAINFALL AT

Manse of Fetter

Lat.

Lon.

County of

Shetland

Rain Gauge, by

Observer

Rev James A Campbell

Diameter											5	
Height											10	
Altitude											30	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January												
February												
March												
April												
May												
June												
July												
August											1.30	
September											3.82	
October											4.35	
November											4.99	
December											5.30	
TOTALS												

1899 Fetter Church 200 yards SW
 Wall 6 ft high 18 ft N + NW
 Manse 30 " " 42 "

Nyd Sta. No. 93-760153

NGR: HU (411) 609907

alt 9m

RAINFALL AT *Sumburghhead Dunrosness*

Lat.

Lon.

County of *Shetland*

Rain Gauge, by

Observer *The Meteor Council*

Diameter	8											
Height	1 0											
Altitude	84											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.17	3.22	3.94	4.29	6.05	4.92	3.62	2.05	4.32	3.68	4.026	
February	1.52	2.30	3.15	2.74	4.59	.90	3.04	2.26	4.62	2.36	2.748	
March	4.61	2.98	1.99	2.51	2.78	2.40	4.50	3.46	3.66	4.34	3.323	
April	1.38	1.07	1.20	1.20	.53	2.67	3.73	1.80	2.58	2.87	1.903	
May	1.60	2.18	2.70	1.46	2.28	1.25	1.18	1.96	2.19	3.27	2.007	
June	2.51	1.12	1.73	.60	1.83	2.85	1.33	1.78	2.18	1.61	1.754	
July	4.12	5.76	1.67	2.46	1.55	2.69	3.08	2.49	1.09	1.56	2.647	
August	2.02	5.25	3.51	3.23	4.06	5.19	3.65	3.55	3.37	1.07	3.490	
September	3.35	3.87	5.05	5.18	.55	3.55	5.34	3.37	3.09	4.59	3.794	
October	4.44	2.23	4.37	6.49	4.03	5.55	7.15	3.19	4.58	5.03	4.706	
November	4.72	3.89	4.41	5.11	2.48	4.41	3.15	3.38	3.87	6.27	4.169	
December	1.80	4.05	2.73	5.58	6.06	3.32	3.84	5.46	6.96	4.67	4.447	
TOTALS	36.24	37.92	36.45	40.85	36.79	39.70	43.61	34.75	42.51	41.32	39.014	

Hyd. Sta. No. 93-764463

NGR: HU (411) 404094

alt. 26m

1886-

RAINFALL AT Bressay Lighthouse

Lat.

Lon.

County of Shetland

Rain Gauge, by

Observer Board of Northern Light

Diameter	5											
Height	0 4											
Altitude	60											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.08	3.15	4.40	4.65	10.85	3.10	3.40	1.60	3.60	4.70	4.553	
February	2.36	1.90	3.30	4.33	11.40	1.50	3.60	2.40	4.80	2.60	3.819	
March	5.72	2.75	2.82	6.03	4.10	1.10	3.00	4.50	2.40	4.30	3.672	
April	1.31	.69	2.05	1.70	.90	3.20	2.60	1.90	3.50	1.40	1.925	
May	1.59	3.12	3.30	.15	1.75	1.20	.90	1.30	2.40	3.60	1.931	
June	2.82	1.60	1.98	.75	1.10	1.70	1.90	1.60	2.20	1.80	1.745	
July	4.30	6.37	1.65	4.00	1.40	2.60	2.90	2.20	.60	2.00	2.802	
August	2.62	3.84	4.30	5.65	4.75	6.80	2.50	2.10	2.80	1.40	3.676	
September	3.17	7.40	4.95	5.75	.30	4.20	5.70	3.30	2.80	4.40	4.197	
October	4.10	3.60	5.20	8.20	.00	6.10	6.20	2.70	5.30	4.90	4.630	
November	5.23	4.71	4.95	8.90	.00	4.50	2.80	3.40	4.10	7.90	4.649	
December	1.38	3.20	3.10	12.85	3.00	2.80	3.50	6.30	6.90	3.60	4.663	
TOTALS	40.68	42.33	42.00	62.96	39.55	38.80	39.00	33.30	41.40	42.60	42.262	

1860-

