

RAINFALL AT *Biggar Cambus Wallace*

Lat.

Lon.

County of *Lanark*

Rain Gauge, by

Observer *Lap Paul*

Tweed, L. bank - 1.

Diameter	6										
Height	0 6										
Altitude	748 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.30	2.00	2.38	1.28	3.41	2.26	1.41	1.22	1.57	3.80	2.363
February ....	.80	.42	2.81	3.55	7.08	.42	1.53	2.08	2.62	1.50	2.281
March	2.10	2.45	.90	.92	1.62	3.00	2.32	3.52	1.20	2.21	2.024
April	1.38	.54	.78	.85	1.86	1.02	1.92	1.51	2.50	2.25	1.461
May	2.10	1.55	3.18	1.42	3.31	.50	.62	1.80	1.62	2.42	1.852
June	3.31	1.60	2.11	2.40	2.26	1.58	4.07	4.78	2.00	1.40	2.551
July	2.12	2.40	1.65	2.70	3.70	4.08	3.94	2.62	1.44	3.45	2.810
August	3.90	6.13	4.58	3.00	5.68	5.12	1.50	4.30	3.38	1.20	3.879
September....	3.53	5.24	2.49	1.84	.40	.50	3.12	2.58	3.08	3.71	2.649
October	2.38	3.33	3.78	2.62	1.68	3.51	3.68	1.34	3.42	2.03	2.777
November	5.80	2.42	2.00	1.64	2.56	3.53	.86	2.70	4.75	3.95	3.021
December	1.52	6.32	1.90	3.58	2.50	3.53	3.90	4.58	3.90	2.22	3.395
TOTALS	33.24	34.40	28.56	25.80	36.06	29.05	28.87	33.03	31.48	30.14	31.063

1890 Biggar Church 3/4 mile SW
 Trees 15ft high 35ft SW

1890

RAINFALL AT *Lanark, Rhyber Lodge*

Lat.

Lon.

County of

Lanark

Rain Gauge, by

Observer

A. Swan Esq

Clyde, R. bank - 4.

Diameter								6			
Height								3 0			
Altitude								650			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								(1.50)	1.30	4.00	
February								2.00	2.40	1.50	
March								3.60	1.20	2.40	
April								1.50	2.20	2.50	
May								2.00	2.20	3.60	
June								4.50	1.40	1.70	
July								1.70	1.00	3.60	
August								3.00	3.40	1.00	
September								2.70	3.30	3.70	
October								1.30	3.50	2.40	
November								2.60	5.60	4.80	
December								5.00	4.70	2.40	
TOTALS								(31.40)	32.20	33.60	

1897 Jan. estd XL 1911

RAINFALL AT *Gleghorn Lanark*

Lat.

Lon.

County of *Lanark*

Rain Gauge, by

Observer

W. E. Lockhart Esq

dyde, R. bank - 4.

Diameter	3										
Height	0 3										
Altitude	720										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.51	1.70	1.79	1.90	4.11	2.22	1.73	1.42	1.98	4.75	
February ....	.74	.40	2.12	3.69	8.47	.65	1.49	2.59	3.37	1.79	
March	2.18	2.92	.84	1.26	3.75	3.29	4.06	4.69	1.99	2.95	
April	1.34	.60	1.32	1.38	1.84	1.39	2.42	1.90	2.46	3.42	
May	3.19	.99	3.49	2.07	3.42	.95	.57	2.36	2.71	3.91	
June	3.76	1.22	2.16	2.72	3.13	1.78	4.58	5.89	2.75	1.68	
July	2.79	1.63	1.80	2.28	3.90	4.29	5.65	2.17	1.41	4.61	
August	3.68	6.35	5.59	3.42	5.49	5.61	2.25	4.08	3.55	1.16	
September....	3.26	5.07	3.11	3.52	.51	1.15	3.87	3.33	3.98	4.05	
October	2.57	3.20	4.29	3.86	2.09	4.09	4.47	1.99	3.84	3.14	
November....	5.37	2.79	1.59	2.44	3.76	3.96	1.18	3.16	5.56	5.35	
December	1.75	5.78	2.09	4.73	3.52	4.40	4.56	6.30	4.60	3.41	
TOTALS	35.14	32.65 np	30.19	33.27	43.99	33.78	36.83	39.88	38.20	40.22	(100)

1891 - copied from records in Mo. Edinburgh 23/10/37.
-late up.

Carlisle,
RAINFALL AT Goldstream Reservoir

Lat.

Lon.

County of

Lanark.

Rain Gauge, by

Observer

W. Ross Esq CEClyde, R. bank - Lt.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							2.40	.40	1.65	4.10	
February						(150)	1.70	2.90	2.30	1.65	
March						1.35	3.45	4.35	1.55	.45	
April						1.35	1.50	2.05	3.00	4.85	
May .....						.80	1.40	2.45	2.35	3.35	
June						1.40	4.30	5.80	2.25	.55	
July						4.10	4.50	2.30	1.10	5.10	
August						6.75	3.55	3.65	2.55	.10	
September....						1.35	4.00	3.25	4.15	3.70	
October						3.90	4.70	2.10	3.05	1.85	
November....						4.20	1.30	2.20	4.60	4.70	
December						3.10	4.20	6.75	4.05	2.55	
TOTALS						(29.80)	37.00	37.70	32.60	32.95	

Back years '95-'10 received and entered Dec. 1911.
1895 Jan - Feb est. XII. 11

RAINFALL AT Carlisle Maudslow Castle

Lat. Lon. County of Lanark

Rain Gauge, by Observer Mr W.H. Gornie
Clyde, R. bank - H.

Diameter									5		
Height									10		
Altitude									140		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									2.00	5.08	
February									3.20	1.51	
March									1.58	2.88	
April									1.69	2.93	
May									2.07	3.24	
June									2.17	1.54	
July									1.06	3.49	
August									4.06	1.02	
September....									3.47	3.58	
October.....									3.66	3.03	
November....									4.62	4.00	
December									5.55	2.49	
TOTALS									35.13	34.79	

RAINFALL AT Dalzell House

Lat.

Lon.

County of

Lanark

Rain Gauge, by

Observer

Lord Hamilton

Clyde, R. bank - 14.

Diameter	6										
Height	56										
Altitude	89 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.01	1.65	1.45	.61	4.42	1.33	1.60	.91	1.09	4.37	2.344
February ....	.75	.04	1.60	2.77	7.55	.00	2.00	2.17	2.35	1.43	2.066
March	2.29	3.06	.62	1.68	3.77	2.11	3.72	3.35	1.24	2.06	2.390
April	1.12	.23	.70	1.33	1.51	1.10	1.64	1.02	1.34	2.40	1.239
May	3.07	1.53	2.89	2.03	2.16	.39	.56	1.78	1.53	2.69	1.863
June	2.11	1.31	3.81	1.65	3.55	.93	3.95	4.70	1.54	1.89	2.544
July	3.04	.98	1.47	2.76	2.87	3.84	3.70	1.56	1.06	3.56	2.484
August	3.76	4.53	6.88	3.34	4.15	5.42	1.73	3.41	6.09	.73	4.004
September	1.92	5.71	3.20	1.38	.11	1.84	3.73	2.90	3.74	3.07	2.760
October	2.10	2.98	3.93	3.35	1.62	3.33	3.89	1.20	4.37	3.18	2.995
November	5.90	2.69	2.71	1.71	3.05	3.57	.89	2.69	4.02	4.71	3.194
December	1.53	6.43	1.43	3.66	2.93	4.15	3.76	4.77	5.22	3.16	3.704
TOTALS	33.60	31.14	30.69	26.27	37.69	28.01	31.17	30.46	33.59	33.25	31.587

1890 South Dalziel 1 3/4 mile N.
 Vineer 7 ft high 27 ft N

1880 —

RAINFALL AT Bothwell Castle

Lat. Lon. County of Lanark

Rain Gauge, by Observer Mr W F Archibald
Clyde, R. bank - 14

Diameter	10										
Height	18 0										
Altitude	146 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.83	1.62	1.50	.80	3.09	.97	1.09	.74	1.59	5.21	2.144
February ....	.62	.32	1.69	2.43	6.14	.25	1.37	2.69	2.21	1.87	1.959
March	1.46	2.48	.50	1.34	2.30	1.66	3.09	3.46	1.12	3.30	2.071
April .....	.94	.33	.74	1.20	1.60	1.25	1.50	1.60	.65	2.50	1.231
May	2.64	1.23	2.93	2.96	2.25	.34	.92	1.45	1.80	3.20	1.972
June	2.15	.98	3.19	1.73	2.71	1.36	3.94	5.03	3.35	1.96	2.640
July	2.79	.66	1.80	3.05	2.45	4.70	3.40	1.39	.96	3.16	2.436
August	3.22	2.46	6.41	2.53	4.24	5.72	1.70	2.67	4.95	.57	3.447
September	3.04	3.83	2.52	1.83	.14	.54	3.63	2.06	3.65	3.65	2.489
October	1.94	2.89	3.38	2.70	2.68	1.60	3.67	1.42	3.50	2.40	2.618
November	4.80	2.68	1.99	2.08	2.10	3.65	.90	2.92	4.38	4.20	2.970
December	1.45	5.87	.94	3.01	2.60	3.70	3.40	5.31	5.25	2.19	3.372
TOTALS	29.88	25.35	27.59	25.66	32.30	25.74	28.61	30.74	33.41	34.21	29.349

Hyd Sta. no. 71-656505

NGR: NS (26) 691594

alt. 44m

1850

RAINFALL AT Uddingston View Park
Lat. Lon. County of Lanark
Rain Gauge, by Clyde, Rbank - 14 Observer J Addie Esq

Diameter						5					
Height						16					
Altitude						180					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						1.48	1.45	1.28	1.88		
February ....						.35	1.61	2.49	3.20		
March						1.76	4.35	3.50	1.25		
April.....						1.50	1.63	1.64	1.80		
May .....						.42	.64	1.94	1.60		
June						1.56	4.11	5.62	1.77		
July						3.99	3.30	1.43	1.06		
August						6.81	1.53	3.46	3.96		
September....						1.07	4.16	2.49	3.76		
October.....						3.73	3.84	1.37	3.69		
November....						3.55	.94	2.74	4.20		
December						3.67	4.08	5.34	4.96		
TOTALS						29.89	31.64	33.30	33.13	35.80	

RAINFALL at Lamington

County of Lanark Observer

River Basin H. Clyde R.B. Tubs.

Type of Gauge

Annual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.....

Diameter	.....										
Height	.....										
Altitude	.....										
Year	.....	1981 1890	1982 1891	1988 1892	1984 1893	1985 1894	1986 1895	1987 1896	1988 1897	1989 1898	1940 1899	Means
January	.....			2.44	2.25	5.97	1.86	2.21	1.10	2.41	5.67	
February	.....			2.60	4.71	9.80	.68	2.13	3.81	4.05	2.60	
March	.....			1.00	1.53	2.88	3.60	3.84	6.66	1.74	3.08	
April	.....			1.30	1.10	2.86	2.22	2.44	2.49	4.06	3.54	
May	.....			4.05	1.70	4.46	.62	.56	2.62	2.41	3.25	
June	.....			3.08	2.84	3.11	1.25	3.83	5.53	2.84	1.43	
July	.....			2.15	2.74	3.50	5.78	4.59	2.85	1.32	3.78	
August	.....			5.61	4.34	5.90	5.64	2.70	6.35	4.43	1.63	
September	.....			3.68	2.71	.47	.84	5.01	3.61	3.23	5.08	
October	.....			4.67	3.99	3.17	4.42	5.18	2.81	4.14	3.37	
November	.....			2.81	2.65	3.88	5.85	1.42	3.57	4.87	6.66	
December	.....			1.81	6.10	3.96	5.53	5.25	7.36	5.45	2.96	
TOTALS	.....			35.20	36.66	49.96	38.29	39.16	48.76	40.95	43.05	

Values supplied by Mr Edin x1.57

Position of Station on reduced Ordnance Survey Map, } 1 mile to 1 inch Series				No. of Map.....		Reference No.....	
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

RAINFALL AT Glasgow Belvedere Hospital
Lat. Lon. County of Lanark
Rain Gauge, by Observer Dr Buchan
Clyde, R. bank - 11

Diameter ....	...										
Height .....	...										
Altitude	54											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.13	2.93	2.42	1.32	4.83	1.33	1.96	1.53	2.58	5.93	2.096	
February ....	.71	.62	2.53	2.95	9.49	.44	2.28	2.89	3.23	2.03	2.717	
March	2.13	2.97	.80	1.40	2.89	1.98	4.43	5.28	1.43	3.27	2.658	
April	1.57	.87	.90	1.31	1.85	1.42	2.23	2.78	1.83	3.52	1.828	
May	2.95	1.68	3.24	2.90	2.61	.51	.91	4.84	2.44	4.25	2.633	
June	3.29	1.03	3.66	1.89	2.85	2.13	4.82	9.46	1.84	2.13	2.310	
July	4.05	1.34	1.80	2.76	2.95	3.45	3.87	2.95	1.43	3.36	2.796	
August	3.36	4.35	8.17	3.38	4.70	6.00	1.69	5.24	4.72	1.32	4.293	
September....	3.98	4.35	3.35	2.81	.20	1.11	(4.70)	2.81	4.21	3.99	(3.151)	
October	2.80	3.38	3.75	5.06	3.28	4.27	3.68	1.92	3.51	2.53	3.418	
November....	5.30	3.32	3.44	3.00	2.85	4.64	1.06	2.85	5.81	5.06	3.733	
December	1.46	6.48	2.02	4.38	3.21	4.77	4.72	5.52	5.52	3.07	4.115	
TOTALS	37.73	33.32	36.08	33.16	41.71	32.05	(36.35)	48.07	38.55	40.46	(37.748)	

1896 Doubtful - Decimals missplaced in original record.

RAINFALL AT Glasgow Tollcross Park

Lat. Lon. County of Lanark

Rain Gauge, by Clyde, R. bank - 14. Observer Whitton Esq

Diameter											
Height											
Altitude									85.		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									2.24	6.03	
February									3.08	1.71	
March									1.69	3.35	
April									1.66	3.66	
May									2.81	4.29	
June									2.31	1.95	
July									1.62	3.69	
August									4.54	1.22	
September....									4.27	3.90	
October									3.82	3.28	
November....									4.94	5.21	
December									5.66	3.48	
TOTALS									38.64	41.77	

RAINFALL AT Glasgow Green Park

Lat. County of Lanark

Rain Gauge, by Clyde, Rank - 14 Observer J. Whetton Esq

Diameter						5					
Height						6					
Altitude					35						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						1.30	2.14	1.40	2.21	6.54	
February . . . .						.28	1.63	2.49	2.87	1.74	
March						2.44	4.54	3.57	1.27	3.61	
April					1.39	1.71	2.16	1.69	1.28	3.34	
May					2.98	.76	.95	2.09	2.59	4.61	
June					3.37	2.08	4.94	5.75	1.45	1.52	
July					3.19	3.78	4.08	1.90	1.36	3.95	
August					5.28	6.45	1.53	6.10	4.11	1.30	
September . . . .					.20	1.35	4.13	3.12	3.41	3.68	
October					2.71	3.28	3.04	1.67	3.44	3.53	
November					3.91	4.28	.40	2.54	4.79	5.33	
December					3.68	4.80	3.90	5.34	5.83	2.80	
TOTALS						32.51	33.44	37.66	34.61	41.95	

RAINFALL AT Glasgow George Square

Lat.

Lon.

County of _____

Rain Gauge, by

Observer

Clyde, R. bank - 44 -

J. Whitton Esq

[illegible]

RAINFALL AT Glasgow Alexandra Park

Lat.

Lon.

County of Lanark

Rain Gauge, by

Observer

J. Whitten Esq

Clyde, R. bank - 14

Diameter						5					
Height						6					
Altitude					141						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						1.04	1.81	1.06	2.30	6.47	
February ....						.06	1.60	2.97	2.69	1.80	
March						2.16	3.93	3.50	1.61	2.92	
April					1.72	1.40	2.08	1.50	1.85	3.36	
May					3.15	.76	.84	2.18	2.68	4.20	
June					3.05	2.14	4.46	6.43	2.11	1.86	
July					2.73	3.90	4.04	2.13	1.62	3.67	
August					5.41	6.69	1.45	4.59	3.96	1.00	
September....					.21	1.16	4.68	3.11	3.95	3.84	
October					2.65	3.31	3.16	1.85	3.52	2.66	
November....					3.51	4.15	.99	2.55	4.52	4.39	
December					3.29	3.93	4.10	5.30	4.34	3.39	
TOTALS						30.70	33.14	37.17	35.15	39.56	

RAINFALL AT Glasgow Kelvin Grove Park

Lat.

Lon.

County of Lanark

Rain Gauge, by

Observer J. Whetton Esq

Clyde, Rank - 14.

Diameter						5					
Height						6					
Altitude					49						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						1.24	2.20	1.79	2.58	5.83	
February ....						.00	1.10	2.73	2.99	1.92	
March						2.06	4.45	4.12	1.74	3.14	
April					1.87	1.75	2.18	1.85	2.07	3.56	
May					3.00	.52	.73	2.71	2.40	4.55	
June					2.61	2.11	4.23	6.45	2.02	1.76	
July					2.97	3.96	3.94	2.27	1.35	3.80	
August					5.85	5.96	1.96	4.73	4.76	1.25	
September ....					.00	1.26	4.92	3.64	3.69	3.55	
October					2.49	3.50	3.69	2.04	3.39	3.08	
November					3.50	4.64	1.34	2.62	4.58	4.66	
December					3.69	4.84	4.48	5.58	4.69	3.44	
TOTALS						31.84	35.22	40.53	36.26	40.54	

RAINFALL AT Glasgow Observatory

Lat.

Lon.

County of Lanark

Rain Gauge, by

Observer

Prof. Gaul FRS
Gunnell Esq

Clyde, R. bank - 14.

Diameter	11										
Height	19		20								
Altitude	182										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.65	2.68	2.26	1.32	4.33	1.37	2.13	1.54	2.66	6.34	3.028
February ....	.66	.45	2.11	3.80	9.18	.31	1.94	2.77	2.66	2.27	2.615
March	2.44	3.11	.69	1.40	2.66	2.05	3.89	3.84	1.33	3.29	2.470
April	1.99	1.05	.58	1.37	1.97	1.67	2.10	1.78	2.26	4.05	1.882
May	2.87	2.99	4.20	3.07	3.06	.34	.78	2.53	2.33	4.60	2.677
June	3.96	1.13	4.85	1.56	2.92	2.16	4.38	6.55	1.92	2.21	3.164
July	4.01	1.23	1.98	2.61	3.41	4.12	4.15	2.21	1.34	3.70	2.876
August	3.81	4.86	6.56	3.12	5.39	6.94	2.18	4.56	5.22	1.12	4.376
September....	4.27	4.89	4.17	2.89	.08	1.25	4.89	3.55	3.91	4.26	3.416
October	2.45	3.75	4.13	5.10	3.50	3.46	3.68	2.05	3.80	2.75	3.467
November....	5.38	3.64	3.87	3.43	2.72	4.67	1.05	2.49	5.04	5.16	3.745
December	1.40	6.66	1.67	4.16	3.60	4.51	4.72	5.84	4.94	3.42	4.092
TOTALS	38.89	36.44	37.07	33.83	42.82	32.85	35.89	39.71	37.41	43.17	37.808

Nya Sta. no. 71- 6589⁵³~~24~~

NQR: NS (26) 568690 565673

Alt. 55m

RAINFALL AT *Glasgow Springburn Park*

Lat.

Lon.

County of *Lanark*

Rain Gauge, by

Observer *J. Whetton Esq*

Clyde, Rbank - 4.

Diameter						5					
Height						6					
Altitude					361						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						1.09	2.29	1.77	3.07	5.31	
February ....						.00	2.35	3.07	2.18	1.96	
March						2.96	4.56	3.43	1.64	2.78	
April					1.81	1.97	2.63	1.64	2.05	3.33	
May					3.66	.73	.94	1.93	2.19	3.61	
June					3.63	2.43	4.72	5.14	2.56	1.61	
July					3.08	4.34	3.93	2.10	1.75	4.11	
August					6.49	6.86	1.94	5.10	4.73	1.36	
September....					.19	1.72	4.26	3.76	3.83	3.47	
October					2.89	3.33	3.16	1.60	3.02	3.41	
November					3.39	4.65	1.41	2.85	4.68	4.76	
December					3.21	4.18	4.59	5.29	4.48	3.15	
TOTALS						34.26	36.78	37.68	36.18	38.86	

RAINFALL AT

Roughing Reservoir No. 1.

Lat.

Lon.

County of

Lanark

Rain Gauge, by

Observer

? J. Bisholm Esq. B.C.

Clyde, Rank - 14.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.79	2.09	1.87	.85	3.50	.77	2.21	1.23	2.00	6.08	
February ....	.84	.80	1.98	3.36	8.32	.65	.50	2.32	2.50	1.27	
March	2.60	3.63	.50	.86	2.61	1.99	4.40	3.18	1.42	3.18	
April	1.69	.32	.77	1.61	1.14	1.21	1.82	1.65	2.38	2.20	
May	3.25	1.85	4.12	1.98	2.60	.64	.76	1.94	2.15	3.18	
June	3.52	1.35	4.73	2.34	2.68	2.80	4.90	5.65	2.17	2.01	
July	3.60	2.00	1.23	2.60	5.00	5.27	3.87	1.57	1.91	3.55	
August	5.57	5.16	6.46	3.50	4.32	5.49	2.55	3.25	3.14	1.15	
September....	4.10	5.40	5.78	2.62	.70	1.51	4.51	2.81	6.51	4.90	
October	3.84	2.40	3.25	4.66	2.10	4.60	2.86	1.31	3.55	3.03	
November....	5.74	2.42	3.12	2.95	3.58	2.75	1.10	3.03	3.95	3.60	
December	1.64	5.87	1.95	3.76	3.16	3.54	4.50	5.07	4.40	2.70	
TOTALS	44.18	33.29	35.76	31.09	39.71	31.22	33.98	33.01	36.08	36.85	

(44.47) (35.95) (38.62) (33.57) (42.88) (33.71) (36.69) (35.65) (38.96) (39.79)

Gauge No. 1 - unsatisfactory exposure. Record increased by 8 per cent (see pencil figs).

Back years '83-⁹⁹~~94~~ received and entered Dec. 1911.

RAINFALL AT Roughrigg Reservoir No. 2.

Lat.

Lon.

County of

Lanark

Rain Gauge, by

Observer

J. Chisholm Esq. b.s.

Clyde, R. bank - 4.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.79	1.73	1.94	1.13	3.94	1.58	2.70	1.22	1.71	5.56	
February ....	.85	.74	2.90	3.95	9.28	.54	.80	1.79	1.75	1.19	
March	2.60	3.82	.62	.85	2.81	2.77	4.46	2.97	1.26	2.82	
April	1.60	.33	.88	2.47	1.33	1.46	1.85	1.63	2.20	1.96	
May	3.42	1.98	4.59	2.23	3.10	.81	.75	1.79	1.96	2.97	
June	3.68	1.43	5.26	2.66	3.50	2.40	4.61	5.28	1.93	1.92	
July	3.65	2.10	1.76	2.85	5.27	6.14	4.20	1.40	1.56	3.61	
August	5.65	5.25	6.70	3.36	4.44	5.71	2.64	3.34	3.09	1.40	
September	3.88	5.81	6.23	2.65	.90	1.54	4.97	2.69	5.88	4.58	
October	3.48	3.15	3.55	4.71	2.84	4.79	3.27	1.29	3.28	2.93	
November	5.86	2.84	3.18	2.94	3.83	3.09	1.28	2.78	3.59	3.45	
December	1.78	6.57	2.04	4.35	3.56	3.92	4.11	4.07	3.45	2.65	
TOTALS	41.24	35.75	39.65	34.15	44.80	34.75	35.64	30.25	31.66	35.04	

1896 Nov. g. moved to the New Clear Water Basin. (record seems bad from this time onwards)

Back years 89 imp. - 1901 Recd. and entered - Dec. 1911.

RAINFALL AT Airdrie Hillend Reservoir

Lat.

Lon.

County of Lanark

Rain Gauge, by

Observer Mr W. A. Ritchie

Clyde, Bank - 4.

Diameter	6											
Height	4 6											
Altitude	620 \uparrow											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.11	2.28	2.68	1.24	4.21	1.78	2.29	1.42	2.77	5.79	3.057	
February ....	.89	.76	2.86	4.33	8.47	.20	1.53	2.42	2.71	1.87	2.604	
March	3.11	3.35	.73	1.49	3.40	3.37	4.75	4.24	1.83	3.13	2.940	
April	1.55	.25	.86	1.69	1.39	1.69	2.13	2.03	2.05	3.27	1.691	
May	2.99	2.26	3.76	2.37	3.15	.70	.81	2.20	2.07	3.59	2.390	
June	4.08	1.23	4.03	3.33	2.86	2.67	4.33	5.09	2.73	1.79	3.214	
July	3.85	1.68	2.58	3.21	2.58	4.26	4.31	2.15	1.75	4.04	3.041	
August	3.33	6.03	7.53	2.97	6.36	7.05	2.24	3.87	4.71	1.07	4.516	
September	3.64	5.93	4.39	2.11	.20	1.71	4.04	3.24	6.07	4.18	3.551	
October	4.13	3.34	4.28	5.81	2.90	4.09	3.83	1.55	4.90	3.99	3.882	
November	6.69	2.74	3.22	2.88	4.24	3.67	1.17	3.39	4.69	4.46	3.715	
December	1.91	6.69	2.71	3.82	3.21	4.33	4.85	5.10	4.81	3.37	4.080	
TOTALS	42.28	36.54	39.63	35.25	42.97	35.52	36.28	36.70	41.09	40.55	38.681	

1890 Shotts Church 4 miles S

Trees 30 ft high 60 ft N

1897 Caldercruix Ch $\frac{1}{2}$ mile W

1880

RAINFALL AT Douglas Springhill Gardens

Lat.

Lon.

County of Lanark

Rain Gauge, by

Observer W. J. Wilson

Clyde, L. bank - 5.

Diameter						25						
Height						1.						
Altitude						676	T					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January						?						
February						02						
March						1.73						
April						2.70						
May						2.00						
June .....						.40						
July						2.22						
August						5.06						
September....						4.94						
October						3.43						
November....						5.10						
December						6.83						
TOTALS						5.19						
						?						
						39.62						

1895 Jan'y Snow probably not measured
Douglas Church 600 yards N.E.

House 20ft. high 45ft. NW

Tree 25ft. " 60ft. S.

Not used for survey.

RAINFALL AT *Douglas Newmann*

Lat. Lon. County of *Lanark*

Rain Gauge, by Observer *Mr J Kerr*
Clyde, L. bank - 5.

Diameter	<i>3</i>										
Height	<i>0 4</i>										
Altitude	<i>783</i>										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	<i>7.17</i>	<i>2.88</i>	<i>3.70</i>	<i>2.32</i>	<i>6.36</i>						
February	<i>1.21</i>	<i>.69</i>	<i>4.18</i>	<i>5.69</i>	<i>9.82</i>						
March	<i>4.36</i>	<i>5.65</i>	<i>1.20</i>	<i>3.18</i>	<i>3.44</i>						
April	<i>2.36</i>	<i>1.93</i>	<i>2.19</i>	<i>1.16</i>	<i>4.22</i>						
May	<i>4.75</i>	<i>2.82</i>	<i>5.23</i>	<i>2.90</i>	<i>3.87</i>						
June	<i>5.11</i>	<i>1.34</i>	<i>3.30</i>	<i>2.23</i>	<i>3.34</i>						
July	<i>4.52</i>	<i>2.12</i>	<i>3.07</i>	<i>3.93</i>	<i>3.42</i>						
August	<i>5.05</i>	<i>8.72</i>	<i>7.96</i>	<i>5.30</i>	<i>5.24</i>						
September....	<i>4.69</i>	<i>11.81?</i>	<i>4.21</i>	<i>3.22</i>	<i>.78</i>						
October	<i>4.07</i>	<i>6.94</i>	<i>5.58</i>	<i>5.47</i>	<i>2.62</i>						
November	<i>8.87</i>	<i>5.72</i>	<i>4.24</i>	<i>2.50</i>	<i>4.39</i>						
December	<i>2.32</i>	<i>10.08</i>	<i>2.76</i>	<i>6.67</i>	<i>4.15</i>						
TOTALS	<i>54.48</i>	<i>60.70?</i>	<i>47.62</i>	<i>44.57</i>	<i>51.65</i>	<i>710</i> <i>no reply</i>					

1891 September 1st. All neighbouring records indicate that the fall on this day should be .48 in. but the observer positively asserts that 4.80 in. is correct.

RAINFALL AT Carmichael House Shankston

Lat. Lon. County of Lancashire

Rain Gauge, by Observer Sir W.C. Anderson Bart
Clyde, L. bank - 5.

Diameter	6											
Height	4 6	1 0										
Altitude	786											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.84	1.29	1.88	.57	2.66							
February ....	.76	.18	2.25	3.40	7.63							
March	2.38	2.35	.57	1.01	1.78							
April	1.21	.41	.82	.84	1.66							
May	3.61	1.76	3.05	1.34	2.64							
June	3.02	1.08	2.24	1.82	2.63							
July	2.44	2.02	1.63	2.13	3.25							
August	4.20	6.47	5.98	2.49	5.23							
September....	2.86	4.79	3.21	2.40	.47							
October	2.19	3.24	3.80	2.64	1.55							
November	^(6.00) 3.20	2.90	1.76	1.39	2.34							
December	1.11	7.05	1.68	3.97	2.47							
TOTALS	30.82 (33.62)	33.54	28.87	24.00	34.31	^{no} reply						

1890 Nov. estd. XI.1911

1890 Record from Nov. 15 to Dec. 1st lost by gauge bursting but little R fell.

1891 Carmichael Church 1 mile S.W.

RAINFALL AT *Lanark Fence*

Lat.

Lon.

County of

Lanark

Rain Gauge, by

Observer

C. M. Irvine Esq

Orde, L. bank-5.

Diameter	5			5								
Height	4 0			4 .								
Altitude	445			445		441	π					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.91	1.91	1.85	1.06	3.73	1.34						
February ....	.69	.53	2.92	3.48	8.96	.07						
March	2.21	3.41	.89	.79	4.38	2.20						
April .....	.92	.00	1.17	1.22	1.74	1.00						
May	2.72	1.70	3.12	1.72	2.81	.28						
June	2.36	.25	3.55	1.72	1.99	1.23						
July	2.51	.92	2.34	1.77	3.24	3.71						
August	4.00	3.38	7.64	2.95	3.55	5.29						
September....	2.08	6.51	3.58	2.28	.29	1.22						
October	2.87	3.26	3.90	3.56	2.10	3.53						
November....	6.50	3.14	2.00	2.00	3.43	3.91						
December	1.60	7.04	1.35	4.30	2.95	4.87						
TOTALS	34.37	32.05	34.31	26.85	39.17	28.65						

Lismahagow Church 3.75 miles S by E

House 33'3" ft high 63 ft S

Wall 10 ft " " 57 ft W

House 33.3 - - 69 ft N

1892 Feby 21st Heavy fall of Snow with excessive drifting none caught in gauge, depth estimated at 6 inches.

RAINFALL AT Hamilton Water Works

Lat. Lon. County of Lanark

Rain Gauge, by Observer Mr R Watson
Clyde, L. bank - 5.

Diameter	7											
Height	10											
Altitude	436 I											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.20	2.10	2.75	.90	3.75	1.25	1.70	1.10	2.40	5.45	2.760	
February ....	.85	.40	1.75	3.20	8.65	.55	1.90	3.10	3.80	2.00	2.620	
March	2.05	2.75	.65	1.60	3.45	2.50	4.05	4.15	1.20	3.50	2.590	
April	1.05	.40	1.10	1.50	1.95	1.45	1.75	2.15	2.05	2.95	1.635	
May	2.90	1.65	3.45	2.45	2.75	.20	.65	2.45	1.85	3.85	2.220	
June	2.50	1.80	3.65	1.85	2.85	1.25	3.95	5.80	1.45	2.00	2.710	
July	2.80	1.05	2.00	3.90	2.70	4.20	4.20	1.55	1.10	3.00	2.650	
August	3.00	4.90	7.20	3.50	4.35	5.00	1.80	3.40	4.80	.95	3.890	
September....	2.50	5.40	4.20	2.30	.25	1.05	4.15	2.85	3.90	3.00	2.960	
October	1.70	3.00	4.60	4.10	3.10	3.55	4.40	1.60	3.10	3.00	3.215	
November....	6.40	3.65	3.35	1.90	3.50	3.35	1.00	3.05	5.10	4.80	3.610	
December	1.40	7.30	1.60	4.65	3.75	4.30	4.95	6.20	6.25	2.30	4.270	
TOTALS	33.35	34.40	36.30	31.85	41.05	28.65	34.50	37.40	37.00	36.80	35.130	

1890 Hamilton Church 2 miles SE

Trees below level 100 yards SE

Gauge moved Decr 1889 11 ft E

1880

RAINFALL AT Hamilton Ardenclutha

Lat. Lon. County of Lanark

Rain Gauge, by Observer Rev JMB Paterson
Clyde, L. bank - 5.

Diameter	5										
Height	19	1.6		1.9							
Altitude	260 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.25	2.47	2.98	1.13	4.32	1.21	1.73	1.24	2.00	5.70	2.903
February ....	.69	.31	1.96	3.21	8.12	.22	1.32	2.74	3.59	1.91	2.407
March	2.28	3.26	.30	1.89	4.24	2.65	4.71	4.13	1.53	3.50	2.849
April	1.17	.45	.00	1.57	1.77	1.49	1.77	2.15	1.82	3.15	1.534
May	2.71	1.51	.64	2.37	2.67	.46	.69	2.09	2.15	3.93	1.922
June	2.93	2.20	3.63	2.04	2.60	1.40	3.74	5.41	1.52	1.96	2.743
July	3.72	1.30	1.94	3.25	3.54	3.93	4.23	1.53	1.28	3.20	2.792
August	3.21	4.96	7.27	3.70	4.64	5.62	2.01	3.27	4.68	1.08	4.044
September....	3.27	4.82	3.80	2.08	.25	1.20	4.39	3.03	4.18	3.43	3.045
October	2.14	2.86	4.18	3.59	2.16	3.54	4.26	1.57	3.56	3.52	3.138
November....	5.75	3.48	2.95	2.21	3.90	3.30	.94	2.89	4.74	5.17	3.533
December	1.36	7.27	1.88	4.88	3.39	4.04	4.30	6.07	5.78	3.00	4.197
TOTALS	35.48	34.89	31.53	31.92	41.60	29.06	34.09	36.12	36.83	39.55	35.107?

1890 Hamilton Church 1 1/4 Miles E

Tree 30 ft high 25 ft SE

" 15 " " 20 " W

Gauge moved Spring 1890 30 ft S

1892 March April & May utterly incorrect.

RAINFALL AT Glasgow Bellahouston Park

Lat.

Lon.

County of

Lanark

Rain Gauge, by

Observer

J. Whitton EsqClyde, L. bank - 5.

Diameter											
Height											
Altitude										160	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									2.04	6.73	
February									2.89	1.91	
March									1.47	3.36	
April									1.90	3.32	
May									2.27	4.14	
June									2.02	1.67	
July									1.48	3.65	
August									4.22	1.25	
September									3.61	3.42	
October									3.09	2.46	
November									4.03	4.04	
December									4.66	2.97	
TOTALS									33.68	38.92	

RAINFALL AT Ardrossan

Lat.

Lon.

County of Ayr

Rain Gauge, by

Observer The Moten Council

Firm of Clyde - 2.

Diameter	8										
Height	10										
Altitude	10										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.95	2.62	2.53	.89	3.53	.87	1.79	1.04	1.62	3.27	
February ....	.52	.51	1.17	3.47	6.00	.69	1.48	2.26	2.61	1.41	
March	2.00	1.86	.30	1.34	2.40	2.21	3.90	2.58	.95	2.24?	
April	1.28	.96	.45	1.87	1.78	2.23	1.73	1.42	1.39	#	
May	3.19	1.62	4.41	1.99	1.71	.18	.55	1.23	1.15		
June	3.92	.97	1.70	1.26	1.98	1.45	3.03	6.50	1.89		
July	3.28	.76	1.70	3.67	3.22	3.59	4.51	1.40	.79		
August	2.66	4.96	6.65	3.25	2.81	5.07	1.84	3.81	3.36		
September....	4.08	4.16	2.60	2.40	.13	.36	3.93	2.86	2.41		
October	1.93	3.54	3.33	4.81	3.49	2.70	2.95	1.82	1.42		
November....	5.92	4.28	4.00	2.19	2.50	3.42	1.26	1.99	4.35		
December ....	.80	5.54	1.86	4.10	2.71	2.51	4.49	3.54	2.05		
TOTALS	34.53	31.78	30.70	31.24	32.26	25.28	31.46	30.48	23.99	(35.00) (36.00)	(31.813)

1898 Too small not printed. The M.O. when written to on the subject replied that they had referred it to D. Buchan

1898 } rough estimation, little evidence
1899 }

N.B. annual values repeated from Survey Map, 1929.

RAINFALL AT Ardrrossan Kirkhall

Lat. Lon. County of Ayr

Rain Gauge, by Observer H. F. Heri
Firth of Clyde - 2.

Diameter	8										
Height	29										
Altitude	106 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.71	2.17	3.46	1.21	3.88	1.22	2.36	1.12			
February	67	.48	1.52	3.08	5.72	.37	1.94	2.45			
March	2.36	2.16	.55	1.08	2.52	2.71	4.39	4.42			
April	1.19	.56	.77	2.21	1.69	2.59	2.22	1.88			
May	3.44	2.23	4.95	3.08	2.23	.45	.69	1.48			
June	3.44	1.24	3.09	1.52	2.50	1.88	3.77	7.26			
July	4.39	.93	2.07	4.12	2.94	5.08	6.10	1.50			
August	3.05	4.57	8.03	3.19	4.20	5.53	1.92	5.78			
September	3.65	4.91	3.70	2.31	.05	.59	4.84	3.45			
October	2.80	4.17	3.30	4.89	3.44	2.69	3.50	2.46			
November	5.92	4.60	3.87	2.52	2.56	4.58	1.55	2.39			
December	1.26	5.28	2.40	3.64	2.95	3.48	5.01	4.32			
TOTALS	36.88	33.30	37.71	32.85	34.68	31.17	38.29	38.51			(36.00) *

1897 ^{coats} Salted Church 2 miles S. SE
 Trees 20 ft high 150 ft N

* Computed from Kilmarnoch, N. Craig, and
 Lochrumoch, Lyan-lands.

RAINFALL AT

(Schmoller)
Wemyss Bay Ashraig-

Lat.

Lon.

County of Ayr

Rain Gauge, by

Observer

Miss Stewart

7th of Clyde - 2.

Diameter	10										
Height	2 10										
Altitude	30										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.29	2.84	7.03	2.60	9.45	1.25					
February ....	.92	1.99	2.43	6.25	12.17	.18					
March	4.38	1.74	1.20	2.34	5.94	5.16					
April	1.57	1.53	1.85	2.43	2.66	3.75					
May	3.30	1.48	5.26	3.10	3.04	.10					
June	4.92	.87	3.94	1.11	2.55	2.12					
July	6.14	2.20	3.03	5.14	3.77	5.50					
August	3.47	5.22	9.05	5.80	4.88	5.90					
September	5.87	6.10	9.47	4.55	.15	2.15					
October	4.40	5.72	4.02	8.70	4.51	4.08					
November	7.80	5.60	7.18	5.37	6.20	8.00					
December	2.25	6.43	2.96	9.55	5.99	6.25					
TOTALS	53.31	41.72	58.42	56.94	61.31	44.44	No Reply				

1895 January 1 in of snow added. fall .25 in of R

RAINFALL AT *Greenhead Tilters*

Lat. Lon. County of *Ayrshire*

Rain Gauge, by Observer

R. Div. 2 Firth of Clyde

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.75	2.25	2.10	1.60	5.08	1.45	2.80	1.20	3.30	5.40	2993
February ....	.70	.45	.50	3.80	6.75	.28	2.40	4.00	4.95	2.95	2678
March	2.45	2.40	.25	1.85	3.50	3.30	5.75	3.70	2.35	3.65	2920
April	1.20	.55	.60	2.75	2.20	2.45	3.15	2.30	2.70	4.10	2200
May	3.45	2.30	6.00	2.25	3.15	.50	1.00	1.90	3.50	4.80	2885
June	3.50	1.10	3.90	1.34	3.34	2.35	5.40	11.95	2.75	2.15	3778
July	4.30	.20	2.50	4.10	3.75	6.45	5.80	2.65	1.65	4.50	3590
August	3.33	2.15	10.00	4.70	3.75	6.20	2.60	6.60	6.20	2.55	4808
September....	3.80	5.45	4.75	3.32	.10	1.15	4.80	4.25	5.20	5.90	3872
October	2.85	4.20	4.00	6.20	4.65	4.30	3.90	2.75	3.90	4.70	4145
November....	6.05	4.35	5.25	3.65	3.35	4.50	2.00	3.65	7.80	4.40	4500
December	1.20	5.40	2.80	4.64	3.70	4.50	6.20	5.30	5.30	5.30	4434
TOTALS	37.58	30.80	42.65	40.20	43.32	37.43	45.80	50.25	49.60	50.40	42803

Records from 1881-1906 received 1926 See file 957126/29.

RAINFALL AT *Shaws W Works Kelly Dam*

Lat. Lon. County of *Ayr*

Firth of Clyde - 2. Rain Gauge, by Observer *Watson Esq. C.E.*
R. Gilman Esq. C.E.

Diameter	<i>6</i>										
Height	<i>10</i>										
Altitude	<i>640?</i>										
Year	<i>1890</i>	<i>1891</i>	<i>1892</i>	<i>1893</i>	<i>1894</i>	<i>1895</i>	<i>1896</i>	<i>1897</i>	<i>1898</i>	<i>1899</i>	MEANS.
January	<i>8.80</i>	<i>5.00</i>	<i>7.00</i>	<i>2.90</i>	<i>8.60</i>	<i>1.50</i>	<i>4.60</i>	<i>2.00</i>	<i>5.20</i>	<i>9.30</i>	<i>5.490</i>
February	<i>1.90</i>	<i>2.00</i>	<i>3.00</i>	<i>5.80</i>	<i>11.00</i>	<i>1.40</i>	<i>3.90</i>	<i>4.70</i>	<i>6.80</i>	<i>3.50</i>	<i>4.400</i>
March	<i>5.40</i>	<i>5.30</i>	<i>1.40</i>	<i>2.90</i>	<i>3.60</i>	<i>6.10</i>	<i>7.40</i>	<i>6.30</i>	<i>3.10</i>	<i>3.00</i>	<i>4.450</i>
April	<i>2.20</i>	<i>2.60</i>	<i>2.10</i>	<i>2.90</i>	<i>2.70</i>	<i>3.70</i>	<i>2.60</i>	<i>3.20</i>	<i>4.90</i>	<i>4.60</i>	<i>3.150</i>
May	<i>3.90</i>	<i>2.80</i>	<i>6.00</i>	<i>3.10</i>	<i>4.10</i>	<i>.30</i>	<i>1.30</i>	<i>3.00</i>	<i>2.20</i>	<i>4.40</i>	<i>3.110</i>
June	<i>8.00</i>	<i>2.50</i>	<i>5.70</i>	<i>2.20</i>	<i>3.80</i>	<i>2.90</i>	<i>5.30</i>	<i>7.60</i>	<i>4.60</i>	<i>2.10</i>	<i>4.470</i>
July	<i>5.40</i>	<i>2.60</i>	<i>4.00</i>	<i>7.20</i>	<i>3.90</i>	<i>5.30</i>	<i>5.60</i>	<i>3.50</i>	<i>2.60</i>	<i>4.90</i>	<i>4.500</i>
August	<i>4.30</i>	<i>7.90</i>	<i>9.00</i>	<i>3.90</i>	<i>6.60</i>	<i>9.50</i>	<i>3.50</i>	<i>8.10</i>	<i>9.00</i>	<i>2.10</i>	<i>6.390</i>
September	<i>10.00</i>	<i>7.50</i>	<i>9.70</i>	<i>5.10</i>	<i>.10</i>	<i>2.80</i>	<i>5.90</i>	<i>5.00</i>	<i>7.00</i>	<i>6.60</i>	<i>5.970</i>
October	<i>6.90</i>	<i>7.80</i>	<i>4.30</i>	<i>7.60</i>	<i>5.80</i>	<i>4.60</i>	<i>3.40</i>	<i>3.30</i>	<i>4.90</i>	<i>5.40</i>	<i>5.400</i>
November	<i>12.60</i>	<i>7.70</i>	<i>6.90</i>	<i>6.30</i>	<i>5.80</i>	<i>7.90</i>	<i>2.70</i>	<i>5.20</i>	<i>8.20</i>	<i>6.50</i>	<i>6.980</i>
December	<i>1.60</i>	<i>9.50</i>	<i>3.70</i>	<i>8.00</i>	<i>6.10</i>	<i>6.90</i>	<i>7.50</i>	<i>6.60</i>	<i>10.60</i>	<i>6.80</i>	<i>6.430</i>
TOTALS	<i>71.00</i>	<i>63.20</i>	<i>62.80</i>	<i>57.90</i>	<i>62.10</i>	<i>52.90</i>	<i>53.70</i>	<i>58.50</i>	<i>69.10</i>	<i>59.20</i>	<i>61.040</i>

RAINFALL AT New Cumnock Knockencorsean

Lat. Lon. County of Ayr

Rain Gauge, by Firth of Clyde - 2. Observer J. Wilson Esq C.E.
R. Gibson Esq C.E.

Diameter	6										
Height	1 0										
Altitude ....	...				1040						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.70				8.20	1.20	4.00	2.40	6.20	7.40	
February	1.50				10.50	1.50	3.70	4.50	6.40	3.50	
March	4.90				4.80	5.60	7.00	6.10	3.20	2.90	
April	2.10				4.20	4.10	2.70	3.60	3.90	5.60	
May	4.10				5.00	.20	.90	3.60	2.50	4.60	
June	7.80				3.60	2.40	5.40	7.50	4.60	2.50	
July	6.30				4.30	4.50	6.40	4.00	3.90	5.50	
August	5.30				7.00	8.40	4.00	7.40	9.30	2.70	
September....	9.80				.20	3.20	6.50	5.80	8.10	6.90	
October	7.00				5.00	5.40	3.60	3.80	5.40	5.20	
November	13.00				5.50	6.90	3.00	5.40	6.80	6.90	
December	1.40				5.00	6.10	7.60	7.10	10.00	6.40	
TOTALS	70.90	not recd			63.30	49.50	54.80	61.20	70.30	60.10	

RAINFALL AT Tron, Colleenan ReservoirLat. 55° 33' 52"Lon. 4° 57' 6"County of AyrRain Gauge, by James Milne
Edin.Observer A. SimpsonTron + 3.

Diameter						11.8					
Height						0.10					
Altitude						203					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....						.77	1.97	1.18	2.30	4.40	
February ....						.15	1.95	2.00	4.20	1.30	
March						2.45	4.02	3.65	1.50	3.30	
April						1.55	2.13	1.88	2.30	3.60	
May .....						.08	1.22	1.60	2.30	4.30	
June						1.45	4.20	6.00	2.90	1.70	
July						4.77	5.23	1.90	1.30	3.70	
August						5.20	2.05	3.70	5.40	2.10	
September....						.68	4.90	3.50	4.00	4.10	
October						3.62	3.43	1.60	3.50	3.20	
November....						3.83	1.38	2.80	6.20	5.50	
December						3.88	4.67	4.90	4.40	4.80	
TOTALS						28.43	37.15	34.71	40.30	42.00	

1895-1918 recd. 18.2.20.

Encl. X1.22

Tron G. S. W. Rly Station 2 miles S.W.Tron + 2 1/2 miles S.W.N.B. annual values rejected from Survey Map, 1929.

RAINFALL AT Kilmarnock North Craig

Lat. Lon. County of Ayr

Rain Gauge, by Observer R Blackwood Esq
Irvine & Co - 3.

Diameter		12										
Height		10										
Altitude		319										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.89	4.20	3.85	1.20	4.40	1.35	2.50	1.40	3.15	5.80	3.274	
February ....	.75	.75	2.40	4.45	7.60	.20	3.70	2.90	4.10	1.80	2.865	
March	1.63	3.30	1.00	2.05	3.75	3.40	5.75	4.95	1.85	3.70	3.138	
April	1.40	.10	1.00	1.95	1.70	1.50	3.00	2.00	2.05	3.20	1.790	
May	2.80	2.35	5.25	2.90	2.90	.30	1.10	1.80	1.95	4.20	2.555	
June	3.90	1.75	3.70	1.60	3.30	1.35	3.60	6.80	2.70	2.00	3.070	
July	3.70	1.00	3.05	4.10	3.80	5.30	5.30	2.00	1.65	4.95	3.485	
August	3.45	6.20	7.30	4.10	4.25	6.45	2.20	5.30	5.90	1.80	4.695	
September....	4.95	5.80	4.90	2.80	.05	1.25	4.40	3.70	5.00	5.00	3.785	
October	3.70	4.05	4.10	5.50	3.70	5.00	4.05	1.70	4.05	3.80	3.965	
November	6.70	4.40	4.35	3.50	3.05	4.30	2.20	3.70	5.95	6.80	4.495	
December	2.30	8.20	2.80	5.70	4.90	5.40	6.30	6.00	7.75	4.00	5.335	
TOTALS	40.17	42.10	43.70	39.85	43.40	35.80	44.10	42.25	46.10	47.05	42.452	

1860.

RAINFALL AT Dunlop, Dunlop House

Lat. _____ Lon. _____ County of Ayr

Rain Gauge, by _____ Observer J. J. Dalrymple Hay
Ironie & C-3.

Diameter									6		
Height									1. 3		
Altitude									550		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January									5.40	4.70	
February									5.30	3.60	
March									3.70	4.30	
April									2.20	5.10	
May									2.30	5.60	
June									4.40	2.40	
July									3.40	5.50	
August									8.30	4.30	
September									7.10	7.50	
October									6.50	7.40	
November									6.60	6.50	
December									7.90	5.30	
TOTALS . . .									63.10	62.20	

Dunlop Church 1 1/2 Miles W

N.B. annual values rejected from Survey Map, 1929.

RAINFALL AT Paisley W.W. Camphill

Lat.

Lon.

County of

Ayr

Rain Gauge, by

Observer

R. Sharp Esq

J. W. Moncre Esq C.E.

J. Lee Esq

Irvine &c - 3.

Diameter	12										
Height	1 6										
Altitude	611										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.00	3.80	4.20	2.70	7.20	1.20	3.50	2.00	5.20	8.60	4.540
February	1.20	1.50	2.50	5.80	9.90	.50	3.70	4.90	5.65	3.60	3.925
March	3.00	2.50	1.10	1.80	3.45	5.45	7.45	6.30	2.05	4.65	3.775
April	2.10	1.80	2.00	3.45	2.45	3.80	3.65	3.59	4.00	6.30	3.314
May	4.00	3.00	6.50	3.00	4.05	.17	.90	3.57	2.95	4.35	3.249
June	7.10	2.40	4.80	2.52	4.50	2.73	6.35	8.18	4.35	3.15	4.608
July	6.00	1.30	2.70	6.10	3.84	6.55	6.52	3.75	3.25	7.20	4.721
August	3.70	7.70	12.20	4.90	6.70	8.20	3.62	9.60	9.10	2.70	6.842
September	8.80	7.10	8.20	4.25	.14	2.30	6.75	5.15	8.75	8.40	5.984
October	5.00	7.50	6.00	8.50	6.00	4.25	5.55	4.30	5.15	8.33	6.058
November	11.30	6.80	7.70	4.50	6.00	8.45	3.55	4.20	6.65	9.25	6.840
December	1.50	8.90	4.40	6.40	5.57	5.25	8.85	6.50	7.70	6.23	6.130
TOTALS	60.70	54.30	62.30	53.92	59.80	48.85	60.39	62.04	64.80	72.76	59.986

RAINFALL AT Old Linnock

Lon.....

Ayr

Observer

The late Mr Ballantine

Apr-14.

[illegible]

RAINFALL AT *Old Cumrock*

Lat.

Lon.

County of *Arg*

Rain Gauge, by

Observer *M & Neal*

Monthly Apr - 14.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				<i>1.76</i>							
February				<i>4.43</i>							
March				<i>1.74</i>							
April				<i>1.24</i>							
May				<i>2.56</i>							
June				<i>1.70</i>							
July				<i>4.72</i>							
August				<i>3.76</i>							
September....				<i>3.62</i>							
October.....				<i>5.86</i>							
November....				<i>3.42</i>							
December				<i>5.47</i>							
TOTALS . . .				<i>40.28</i>							

RAINFALL AT Old Cumnock Townhead

Lat. Lon. County of Ayr

Rain Gauge, by Observer Mr H. Neal

Ayr-4.

Diameter	5										
Height	1 0										
Altitude	370 285	T									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.27	2.96	3.39	1.77	4.62						
February ....	.98	.37	2.27	4.41							
March	2.53	4.91	1.31	1.76							
April	2.21	1.41	1.06	1.26							
May	3.24	1.94	3.50	2.53							
June	3.56	.86	3.01	1.74							
July	4.15	1.03	3.12	4.74							
August	3.29	6.39	6.08	3.80							
September....	5.29	5.65	3.82	3.64							
October	3.71	5.41	3.13	5.87							
November	7.52	4.55	3.49	3.40							
December	1.78	7.31	2.31	5.49							
TOTALS	43.53	42.79	36.49	40.41							

1891 Cumnock Church 450 yards W.N.W
House 20 ft high 24 ft S.
Gauge 400 yards E of Mr. Ballantine's

N.B. Annual values rejected from Survey Map. 1929.

RAINFALL AT Munnoch Reservoir

Lat.

Lon.

County of Ayrshire

Rain Gauge, by

Observer

R.D. & S. Irvine & Co.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.80	2.30	2.90	2.20	5.60	1.70	3.85	1.90	3.20	6.70	3515
February ....	.75	.50	2.10	4.50	9.50	.70	2.90	4.35	5.38	2.90	3358
March	2.50	2.45	1.00	1.90	4.12	3.90	6.50	5.50	3.40	4.80	3607
April	1.30	.60	1.15	3.25	2.25	3.25	3.50	2.70	4.20	5.15	2735
May	3.60	2.35	6.50	2.75	3.70	.50	1.00	2.50	3.65	4.90	3145
June	3.60	1.30	3.90	1.70	3.70	2.60	6.10	10.55	4.00	2.25	3970
July	4.55	1.30	2.00	3.75	3.65	6.60	7.50	3.44	2.00	5.20	3999
August	3.50	2.45	11.42	4.50	5.25	1.45	3.30	7.10	7.90	2.45	4932
September....	4.10	7.00	6.40	3.55	.20	4.40	6.00	4.50	6.30	4.65	4710
October	2.90	5.75	4.45	6.95	6.00	6.80	4.70	4.00	4.20	4.80	5055
November....	6.10	5.30	6.30	4.05	4.00	7.00	3.15	3.90	6.50	5.52	5182
December	1.30	6.10	2.80	5.80	4.75	5.40	7.00	6.10	5.92	5.70	5087
TOTALS	39.00	37.40	50.92	44.90	52.72	44.30	55.50	56.54	56.65	55.02	49295

Records from 1881-1906 received in 1929. See file 957126/29

RAINFALL AT Ayr Auchmiller Ballantine Drive

Lat. Lon. County of Ayr

Ayr - 4. Rain Gauge, by Observer J. Drennan Esq
P. Murdoch Esq

Diameter	6				5						
Height	3 0				1 0						
Altitude	36 T				41 T						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.01	2.40	3.10	2.75	[#] 3.75	1.42	1.71				
February ....	.82	.31	1.43	3.50	5.85	.25	1.47				
March	2.24	2.10	.80	1.15	2.90	2.48	3.85				
April	1.43	.56	.58	1.40	2.12	1.82	[#] 2.41				
May	2.35	1.35	4.21	2.20	2.60	.21	1.37				
June	3.35	.53	2.95	.90	2.75	1.20	3.10				
July	3.00	1.02	2.50	4.25	3.29	4.46	5.17				
August	2.56	5.98	6.75	2.80	2.98	5.40	2.00				
September....	3.07	4.58	4.55	2.00	.15	85	4.22				
October	2.57	3.32	2.90	5.00	2.95	3.99	3.99				
November....	5.81	3.51	3.10	1.60	2.72	4.02	1.75				
December	1.25	5.86	1.80	4.80	[#] 3.25	4.20	5.57				
TOTALS	32.46	31.52	34.67	32.35	35.31	30.30					

1896 April Gauge moved to Glendrishay see ante

RAINFALL AT Ayr, Glendishais.

Lat. Lon. County of Ayr.

Rain Gauge, by Stencher, 1 c = 8. Ayr - 4. Observer P. Murdoch, Esq.

Diameter								5			
Height								10			
Altitude								42			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								1.20	2.27	4.89	
February								1.96	4.08	1.36	
March								4.26	1.26	2.92	
April							# 2.41	2.13	2.40	2.96	
May							1.37	1.95	1.45	3.90	
June							3.10	5.75	2.26	1.34	
July							5.17	1.47	.90	2.92	
August							2.00	3.89	3.60	2.06	
September							4.22	4.02	3.00	3.57	
October							3.99	1.80	2.50	3.50	
November							1.75	3.77	5.12	4.75	
December							5.57	5.70	4.77	3.24	
TOTALS								37.90	33.61	37.41	

RAINFALL AT Mauchline

Lat.

Lon.

County of Ayr

Rain Gauge, by

Observer Mr A Muir

Ayr - 4

Diameter			5								
Height			4 4								
Altitude			4837								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			3.41	1.75	3.82	1.56					
February			1.90	4.20	6.80	.50					
March			1.00	1.24	2.62	2.30					
April .....			.75	1.17		1.67					
May			4.37	2.42	5.74	.56					
June			3.30	1.47	2.85	1.63					
July			3.20	4.68	3.97	5.90					
August			6.32	3.70	5.18	5.78					
September....			5.04	3.48	.23	2.03					
October			2.85	5.72	2.12	5.10					
November			3.46	3.82		4.72					
December			2.26	5.23	6.82	4.90					
TOTALS			37.86	38.88	40.15	36.65					

1892 Mauchline Church 400 yards W
Hedges 6 ft high 60 ft E. N + W

RAINFALL AT *Muirkirk Glenbuck*

Lat. Lon. County of *Ayr*

Ayr - 4. Rain Gauge, by Observer *Mr W. F. Hamilton*

Diameter					<i>6</i>						
Height					<i>10</i>						
Altitude					<i>900</i>						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					<i>6.00</i>	<i>1.80</i>	<i>2.70</i>	<i>1.00</i>	<i>4.15</i>	<i>4.90</i>	
February					<i>10.70</i>	<i>.15</i>	<i>2.55</i>	<i>4.30</i>	<i>5.50</i>	<i>1.40</i>	
March					<i>4.40</i>	<i>4.55</i>	<i>5.60</i>	<i>7.00</i>	<i>2.40</i>	<i>4.20</i>	
April					<i>2.70</i>	<i>2.10</i>	<i>3.00</i>	<i>2.70</i>	<i>3.60</i>	<i>3.90</i>	
May					<i>3.50</i>	<i>.55</i>	<i>.40</i>	<i>2.35</i>	<i>3.10</i>	<i>2.95</i>	
June					<i>3.70</i>	<i>1.15</i>	<i>3.60</i>	<i>5.60</i>	<i>3.60</i>	<i>1.05</i>	
July					<i>3.20</i>	<i>6.55</i>	<i>5.75</i>	<i>3.50</i>	<i>2.00</i>	<i>4.55</i>	
August					<i>5.70</i>	<i>5.70</i>	<i>3.10</i>	<i>5.20</i>	<i>5.60</i>	<i>1.60</i>	
September					<i>40</i>	<i>2.55</i>	<i>5.20</i>	<i>5.30</i>	<i>5.10</i>	<i>5.10</i>	
October					<i>2.80</i>	<i>6.10</i>	<i>5.10</i>	<i>2.70</i>	<i>5.50</i>	<i>4.10</i>	
November					<i>4.50</i>	<i>6.20</i>	<i>1.90</i>	<i>4.30</i>	<i>6.60</i>	<i>7.30</i>	
December					<i>4.70</i>	<i>7.15</i>	<i>6.30</i>	<i>7.60</i>	<i>7.20</i>	<i>2.40</i>	
TOTALS					<i>52.30</i>	<i>44.55</i>	<i>45.20</i>	<i>51.55</i>	<i>54.35</i>	<i>43.45</i>	

RAINFALL AT Loch Finlas

Lat.

Lon.

County of Ayr

Rain Gauge, by

Observer J. Wilson Esq. C.R.
J. Eaglesham Esq.
J. Young Esq.

Don - 5.

Diameter	5										
Height	10										
Altitude	849 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.85	3.35	4.46	3.04	6.09	.30	2.90	1.39	4.29	6.73	
February	1.43	.45	2.70	5.66	7.94	.57	2.02	4.16	6.80	2.63	
March	3.84	4.86	1.07	2.16	3.08	4.54	5.75	7.53	2.60	4.52	
April	1.62	2.21	1.19	1.06	4.18	3.33	1.61	3.23	4.98	3.23	
May	2.66	3.37	5.25	2.46	3.93	.73	1.15	2.46	3.73	3.32	
June	4.81	1.37	3.49	2.29	3.41	1.09	4.06	4.78	2.78	2.98	
July	5.20	1.67	3.74	5.58	4.25	4.12	5.19	3.35	1.81	3.18	
August	2.80	9.49	6.12	4.18	4.50	4.76	4.05	8.38	4.90	1.93	
September	5.04	6.29	(5.00)	2.65	.17	1.65	5.76	6.10	4.19	6.17	
October	3.70	9.01	4.49	8.61	5.75	5.21	5.16	3.66	2.79	4.77	
November	12.03	7.59	5.75	5.12	4.75	6.26	2.26	5.16	7.20	9.24	
December	2.20	7.17	3.26	7.80	5.97	5.42	6.15	10.30	5.30	3.80	
TOTALS	52.18	56.83	(46.52)	50.61	54.02	37.98	46.06	60.50	51.37	52.50	50.857

1892 Sept. Gauge tampered with. — estimated

1897 Return apparently about ten inches too big but
W^r. Eaglesham says the gauge is in good order and he can trace
no source of error. He quotes large flows over the waste weir.

RAINFALL AT Dalmellington Benquhat

Lat.

Lon.

County of Ayr

Rain Gauge, by

Observer Allespie Esq

Don - 5.

Diameter ....	...									
Height	16										
Altitude	1128		1068								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.52	3.72	4.39	1.93	4.05	1.40	3.19	1.23	3.65	5.89	3.697
February	1.20	.84	2.71	4.33	7.66	.47	2.56	3.86	5.63	1.93	3.119
March	4.51	4.89	1.10	2.12	3.25	3.73	7.15	5.85	1.74	3.32	3.766
April	2.29	1.30	1.21	1.33	2.01	2.41	2.54	2.25	2.77	3.62	2.173
May	3.31	2.32	5.58	2.23	3.71	.76	1.03	2.70	3.47	3.79	2.890
June	6.78	1.39	3.75	2.78	2.76	.75	3.64	6.28	3.78	1.48	3.339
July	6.40	1.88	4.69	4.05	2.80	5.52	5.87	3.42	2.40	3.83	4.086
August	4.12	10.20	8.18	4.71	5.53	6.18	5.12	6.23	5.54	2.29	5.810
September	8.17	7.32	5.84	4.86	.14	2.29	6.45	7.06	5.40	5.37	5.290
October	5.36	7.68	4.67	8.91	3.00	5.22	5.59	2.73	3.92	5.12	5.220
November	10.05	5.47	3.62	5.85	4.51	4.42	2.19	4.49	5.68	5.28	5.156
December	2.19	7.75	2.15	5.64	4.61	5.67	6.42	6.29	7.76	3.65	5.213
TOTALS	61.90	54.76	47.89	48.74	44.03	38.82	51.75	52.39	51.74	45.57	49.759

RAINFALL AT *Maybole Sancharie*

Lat.

Lon.

County of *Ayrshire*

Rain Gauge, by

Observer *E. A. Miller Esq*

Don - 5.

Diameter			<i>5</i>								
Height			<i>10</i>								
Altitude			<i>380</i>								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				<i>1.57</i>	<i>4.18</i>	<i>1.67</i>	<i>2.22</i>	<i>1.60</i>	<i>3.65</i>	<i>6.55</i>	
February			<i># 2.18</i>	<i>4.39</i>	<i>7.47</i>	<i>.32</i>	<i>2.43</i>	<i>2.84</i>	<i>5.48</i>	<i>1.77</i>	
March			<i>1.17</i>	<i>1.67</i>	<i>2.74</i>	<i>3.88</i>	<i>5.31</i>	<i>5.12</i>	<i>1.90</i>	<i>4.00</i>	
April			<i>1.22</i>	<i>1.51</i>	<i>1.97</i>	<i>2.43</i>	<i>2.68</i>	<i>2.45</i>	<i>3.48</i>	<i>4.21</i>	
May			<i>5.50</i>	<i>2.63</i>	<i>3.78</i>	<i>.19</i>	<i>91</i>	<i>2.07</i>	<i>2.35</i>	<i>3.98</i>	
June			<i>3.50</i>	<i>1.67</i>	<i>3.81</i>	<i>1.46</i>	<i>3.68</i>	<i>6.24</i>	<i>3.02</i>	<i>1.65</i>	
July			<i>3.16</i>	<i>6.12</i>	<i>3.04</i>	<i>4.66</i>	<i>5.75</i>	<i>2.14</i>	<i>1.64</i>	<i>3.60</i>	
August			<i>8.14</i>	<i>3.44</i>	<i>4.10</i>	<i>6.20</i>	<i>3.46</i>	<i>4.77</i>	<i>4.99</i>	<i>1.96</i>	
September....			<i>6.09</i>	<i>3.77</i>	<i>.10</i>	<i>1.34</i>	<i>5.75</i>	<i>5.34</i>	<i>4.30</i>	<i>5.14</i>	
October			<i>3.20</i>	<i>8.49</i>	<i>3.33</i>	<i>5.13</i>	<i>4.15</i>	<i>1.88</i>	<i>3.20</i>	<i>4.46</i>	
November....			<i>4.14</i>	<i>3.44</i>	<i>3.77</i>	<i>4.20</i>	<i>2.20</i>	<i>5.13</i>	<i>5.50</i>	<i>6.10</i>	
December			<i>2.74</i>	<i>5.08</i>	<i>4.04</i>	<i>5.37</i>	<i>6.44</i>	<i>5.93</i>	<i>6.35</i>	<i>4.01</i>	
TOTALS				<i>43.78</i>	<i>42.33</i>	<i>36.85</i>	<i>44.98</i>	<i>45.51</i>	<i>45.86</i>	<i>47.43</i>	

House 25 ft. high 19 ft. S.W Chestnut tree ft. high 20 ft. N.

no better position available

1898 Maybole Church 3 miles S by E

RAINFALL AT Auchendrane

Lon.

County of _____

Observer

mw Reid Sanders

[illegible]

RAINFALL AT Ayr, Doonside

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

Rain Gauge, by Observer W H Dunlop, Esq

Doon - 5.

Diameter						5					
Height						1 0					
Altitude						90					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						1.35	2.40	1.49	3.16	6.23	
February ....						.26	1.72	2.37	4.58	1.36	
March						3.30	5.42	5.27	2.20	3.32	
April						2.43	2.62	2.41	2.70	3.60	
May .....						.35	1.22	1.98	2.42	4.39	
June						1.45	3.12	6.79	2.99	1.34	
July						4.86	5.47	2.05	1.20	3.22	
August						5.75	2.79	4.83	5.13	2.10	
September....						1.18	4.61	4.95	4.21	4.67	
October						4.11	4.05	1.85	2.85	4.52	
November....						4.16	1.90	4.76	5.31	5.37	
December						4.89	6.56	6.67	6.06	3.98	
TOTALS						34.09	41.88	45.42	42.81	44.10	

Taken from P.T. rec'd 1904 from Mr Dunlop. Ent'd 26-XI-08.

RAINFALL AT

Ayr Doonholm

Lat.

Lon.

County of

Ayr

Rain Gauge, by

Observer

J. Kennedy Esq

Don - 5.

Diameter										5	
Height										10	
Altitude										90	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										6.05	
February										1.37	
March										3.35	
April										3.07	
May										2.05	
June										1.35	
July										2.82	
August										1.98	
September										4.16	
October										4.45	
November										5.61	
December										3.33	
TOTALS										39.59	

alloway Church 1 mile N.W.

RAINFALL AT *Girvan Innberry*

Lat.

Lon.

County of *Ayr*

Rain Gauge, by *Culzean Bay - 6.*

Observer *Board of Northern Lights*

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.63	1.94	1.89	.88	3.30	.85	3.05	1.05	2.90	4.80	2.329
February ....	.83	.25	1.03	3.38	5.96	.16	1.90	2.77	7.25	1.60	2.513
March	1.40	1.99	.00	2.78	3.47	4.77	7.25	4.75	2.35	2.90	3.166
April	1.05	.30	.39	1.11	2.08	2.08	2.65	1.70	2.80	3.40	1.756
May	2.48	.90	3.47	2.91	4.68	.57	1.00	1.80	2.50	2.80	2.311
June	3.16	.53	1.38	.59	2.52	1.65	3.30	5.05	3.35	1.90	2.343
July	2.81	.31	2.45	2.79	1.80	4.30	5.00	2.05	1.10	4.10	2.671
August	2.36	5.55	6.49	2.70	3.00	7.25	4.20	5.50	4.60	1.90	4.355
September....	3.68	5.00	6.25	2.05	.17	1.60	5.50	5.25	2.30	4.20	3.600
October	1.95	5.56	2.79	4.94	2.38	1.32	2.85	2.45	3.30	5.40	3.294
November	6.30	5.02	4.44	2.32	3.12	4.65	2.05	4.65	4.30	3.00	3.985
December	1.24	5.83	2.25	3.71	4.24	5.20	5.00	6.30	4.80	4.20	4.277
TOTALS	29.89	33.18	32.83	30.16	36.72	34.40	43.75	43.32	41.55	40.20	36.600

1880-

RAINFALL AT *Maybole Culzean Gardens*

Lat. Lon. County of *Ayr*

Rain Gauge, by Observer *Mr. D. Murray*
Culzean Bay - 6.

Diameter	9										
Height	3 6		3.0								
Altitude	250		200								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	(4.50)	2.40	2.70	1.20	4.10	1.60	2.30	1.65	2.25	4.90	
February	(.90)	.30	1.70	2.70	5.80	.10	1.40	2.15	4.65	1.60	
March	(2.50)	2.60	.80	1.90	2.30	4.05	3.95	4.55	1.95	3.05	
April	(1.60)	.70	.80	1.25	1.20	2.30	2.25	2.15	2.15	2.75	
May	(2.65)	1.50	4.05	2.50	3.50	.35	.80	1.25	2.75	3.50	
June	(3.80)	.65	2.90	1.70	3.50	1.70	3.30	4.95	2.20	1.35	
July	(3.40)	1.00	2.50	3.90	2.20	4.10	4.95	1.80	1.00	4.20	
August	(2.90)	5.80	7.55	3.10	3.40	5.57	2.70	4.65	4.20	1.75	
September....	(3.50)	6.17	5.65	3.00	.20	1.00	4.15	3.90	3.40	4.45	
October	(2.90)	4.35	2.90	5.80	1.90	3.65	3.20	1.50	2.35	3.40	
November....	(6.40)	3.55	3.15	2.28	3.00	3.65	1.55	4.20	4.80	4.05	
December	(1.40)	5.95	2.40	3.85	3.60	4.90	5.70	5.25	4.75	3.90	
TOTALS	36.45	34.97	37.10	33.18	34.70	32.97	36.25	38.00	36.45	38.90	35.897

1891 *Kirkoswald 2 Miles S.W.*
Vines 18ft high 50ft N
 1890 *months distributed by air*

RAINFALL AT

Girvan Glendoune gardens

Lat.

Lon.

County of Ayr

Rain Gauge, by

Observer J. M. G. Simons

Girvan - 7.

Diameter										5	
Height										1.0	
Altitude										200	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										4.61	
February										2.31	
March										2.75	
April										4.12	
May										3.16	
June										2.10	
July										3.84	
August										1.50	
September										4.10	
October										3.00	
November										5.02	
December										3.89	
TOTALS . . .										40.40	

1899 Girvan Church 1 mile N
Thermometer Box 3' 6" high 2' N

RAINFALL AT *Ballantrae Gendriehang*

Lat. Lon. County of *Ayr*

~~Ayr~~ Rain Gauge, by *Stiches TC-8* Observer *J. Murdoch Esq*

Diameter	5							5			
Height	10							10			
Altitude	320							42			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.96	2.33	2.39					1.20	2.27	4.89	
February	1.53	.38	.76					1.96	4.08	1.36	
March	2.78	2.29	.87					4.26	1.26	2.92	
April	1.14	3.31	.85				# 2.41	2.13	2.40	2.96	
May	2.86	1.81	#				1.37	1.95	1.45	3.90	
June	5.03	1.26					3.10	5.75	2.26	1.34	
July	2.79	1.53					5.17	1.47	.90	2.92	
August	2.34	6.40					2.00	3.89	3.60	2.06	
September....	5.35	4.79					4.22	4.02	3.00	3.57	
October	2.19	7.30					3.99	1.80	2.50	3.50	
November....	11.73	5.19					1.75	3.77	5.12	4.75	
December	2.53	6.06					5.47	5.76	4.77	3.24	
TOTALS	45.23	42.65						37.90	33.61	37.41	

RAINFALL AT *Barrhill Dochroyle*

Lat.

Lon.

County of *Ayr*

Rain Gauge, by

Observer *Mr J Scott*

Monthly *Stinchart C-8.*

Diameter	6											
Height	0 6											
Altitude	548 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.93	3.91	4.09	2.75	6.34		3.57	1.88	3.38	6.34		
February	1.67	.58	2.56	4.66	7.37	3.87	3.35	3.70	6.09	3.22		7.526
March	3.89	3.09	1.08	2.49	2.49	4.95	7.14	6.65	1.79	4.20	3.447	
April	1.40	2.19	1.03	1.20	1.91	3.66	2.27	3.19	3.76	4.75	2.536	
May	3.45	3.20	5.38	1.69	3.19	.50	.45	1.30	3.69	4.05	2.690	
June	5.71	1.09	4.02	1.79	3.50	1.35	3.52	4.78	2.70	2.05	3.051	
July	4.25	1.39	3.20	4.50	3.00	4.40	6.68	2.61	1.56	3.60	3.519	
August	3.38	7.60	6.00	4.50	3.59	5.23	3.10	8.05	6.37	1.96	4.978	
September	5.10	5.42	5.00	2.67	.19	1.20	5.68	4.91	4.75	7.07	4.199	
October	4.26	10.08	5.30	5.95	6.90	4.78	2.93	3.04	3.45	3.55	5.024	
November	13.90	5.71	6.67	3.77	6.01	5.80	2.72	5.22	5.62	8.25	6.367	
December	2.41	8.20	2.70	6.42	7.23	5.94	8.31	7.83	5.93	5.87	6.084	
TOTALS	55.35	52.46	47.03	42.39	51.72	41.68	49.72	53.16	49.09	54.91	49.751	

1890 Colmonell 9 miles N

Stone Wall 5 ft high 270 ft W

RAINFALL AT Colmonell

Lat. _____ Lon. _____ County of Ayr
 Rain Gauge, by _____ Observer R Aitken Esq
Stinchell TC-8.

Diameter	6										
Height	0 6										
Altitude	100T				140						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.78	3.04	4.37	2.87	[#] 7.62	2.00	2.75	1.70	2.51	5.21	3.685
February	1.29	.39	2.01	3.14	5.97	1.93	2.60	2.63	6.39	2.97	2.932
March	2.84	3.06	.88	2.51	1.96	4.16	5.03	6.32	1.40	2.91	3.107
April .....	.99	2.61	.90	1.01	1.70	2.89	2.09	3.12	3.50	4.29	2.310
May	2.95	2.09	4.01	1.92	2.61	.42	.70	1.40	3.19	3.09	2.238
June	4.76	.99	4.40	2.02	2.60	1.23	4.28	5.22	2.99	1.76	3.025
July	3.79	1.62	3.29	3.90	2.79	4.18	7.09	1.89	1.09	3.68	3.332
August	3.22	6.72	5.92	4.29	3.09	5.08	3.03	6.21	4.52	1.68	4.376
September....	5.13	4.41	4.32	3.40	.21	.60	4.89	3.90	3.92	6.30	3.708
October	2.53	8.98	4.94	7.27	5.14	4.84	3.51	2.60	2.34	3.47	4.562
November....	10.21	5.76	5.90	3.35	4.94	5.69	2.55	4.34	5.51	5.99	5.424
December	1.83	6.56	2.76	5.61	[#] 5.09	5.11	7.22	6.97	4.52	5.30	5.097
TOTALS	44.32	46.23	43.70	41.29	43.72	38.13	45.74	46.30	41.88	(46.65)	(43.796)

1890 House, Plantation 15 yards S by E + N by W
 1891 Colmonell Ch 500 yards S.W.
 1893 Gauge moved 30 Nov 500 yards E by W
 1894 Colmonell Ch 1000 yards W by S
 House 20ft high 90ft S by E
 1899 Nov 27th - gauge moved 300 yards W

RAINFALL AT *Girvan Pinnore*

Lat. Lon. County of *Ayr*

Rain Gauge, by *Stinchard No. 8.* Observer *Cap Hamilton*

Diameter	5										
Height	10										
Altitude	187 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.51	3.62	3.99	3.02	6.84	2.40	3.36	1.45	2.48	5.36	3.803
February	1.30	.50	2.46	3.85	6.98	1.85	2.57	3.24	6.73	2.69	3.217
March	3.45	3.30	1.04	2.70	2.82	4.30	5.75	6.19	1.33	2.99	3.387
April	1.89	2.01	1.22	1.66	1.95	2.72	2.44	2.68	3.37	4.65	2.459
May	3.42	2.60	4.99	1.79	3.07	.58	.84	1.40	3.88	3.42	2.599
June	5.45	1.03	4.39	2.22	3.46	1.54	4.57	5.65	2.54	1.82	3.267
July	4.54	1.74	3.50	5.24	2.87	3.45	5.92	2.36	1.58	4.62	3.582
August	3.49	8.03	5.93	5.11	3.37	6.02	3.68	6.10	5.30	1.89	4.892
September	5.70	4.56	4.70	3.53	.22	.65	4.67	5.24	3.87	6.56	3.970
October	3.75	9.18	4.58	7.60	5.53	5.49	3.93	2.56	3.58	3.88	5.008
November	10.99	5.16	6.03	4.07	4.56	5.26	2.29	4.41	5.49	6.06	5.432
December	1.96	7.11	3.02	6.52	5.35	5.16	6.83	7.36	4.83	5.51	5.365
TOTALS	51.45	48.84	45.85	47.31	47.02	39.42	46.85	48.64	44.98	49.45	46.981

1891 Johnnall Ch 5 ^{miles} yards S.W. 1870
 Wooded bank 300 or 400 ft high 90 ft N

RAINFALL AT Barr Manse

Lat.

Lon.

County of Ayr

Rain Gauge, by

Observer Rev G. Dods

Stincham No. 8.

Diameter				5							
Height				10							
Altitude				330							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				2.86	6.66	2.08	3.59	1.86	3.20	5.48	
February				4.58	6.96	1.15	2.65	3.44	7.87	2.90	
March				2.86	2.44	4.67	6.39	5.93	1.57	3.53	
April				1.47	2.17	2.88	2.70	2.68	3.31	4.20	
May				1.75	3.33	.66	1.30	1.79	3.59	2.96	
June				2.35	3.76	1.15	3.93	5.86	3.14	1.93	
July				5.64	2.74	3.86	6.52	3.12	2.88	4.26	
August				4.87	4.15	6.29	5.34	7.70	5.75	1.96	
September....				3.86	.31	1.01	6.00	6.17	4.41	6.28	
October				8.62	4.84	5.80	4.41	2.87	3.82	3.99	
November....				4.69	3.70	4.59	3.14	4.70	4.59	5.79	
December				6.30	4.90	5.20	6.99	7.44	5.57	4.80	
TOTALS				49.85	45.96	39.34	52.96	53.56	49.70	48.08	49.00*

1893 Barr Church 100 yards SE
 Manse 20 ft high 50 ft E
 Hedge 5 ft 15 " N

* Computed from Colmonell & Pinnore

RAINFALL AT Aulsa Craig

Lat.

Lon.

County of Ayr

Rain Gauge, by

Observer Board of Northern Lights

Insular - 14.

Diameter ....	...										
Height .....	...										
Altitude ....	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.31	1.61	1.40	.15	.51		.85	.23	.30	2.15		
February ....	.35	.08	.73	1.24	4.50		1.31	.99	.78	.08		
March .....	.94	1.42	.28	.30	.10	1.28	.32	1.74	1.34	2.00		
April .....	.08	.38	.20	.13	.90		.15	.50	2.70	1.90		
May	2.56	1.00	3.02	.22	.24		.90	.15	2.10	2.50		
June	2.19	.43	2.17	.10	.15	.51	2.25	2.03	1.17	1.20		
July	2.12	.80	1.72	.80	.34	2.10	2.13	.42	1.42	3.00		
August	1.44	4.18	5.00	.25	.13	4.90	1.44	4.89	1.99	.08		
September....	2.85	2.18	2.89	.61	.20	.73	2.30	2.48	2.89	.93		
October	1.49	3.14	2.91	.63	1.35		.95	.14	2.72	.97		
November....	6.03	1.47	2.55	.45	1.23	2.06	.65	2.21	2.98	1.45		
December	1.53	3.05	1.15	.92	1.58	2.74	2.34	.93	.45	2.18		
TOTALS	22.89	19.74	24.02	5.80	11.23		15.59	16.71	20.84	18.44		

RAINFALL AT

Ryat Lynn

Lat.

Lon.

County of

Penfryn

Rain Gauge, by

Observer

J. M. Gale Esq. C.E.

Clyde, L. bank - 2.

Diameter	8										
Height	0 5										
Altitude	310										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.20	5.40	4.70	1.80	8.55	1.35	3.10	2.55	5.85	8.00	5.050
February	1.25	1.05	2.50	5.25	12.35	1.10	3.10	4.50	4.95	2.30	3.835
March	4.35	3.65	1.15	2.40	4.70	4.15	6.70	5.90	2.30	4.60	3.990
April	2.10	.85	1.55	1.70	2.15	2.80	2.60	3.20	3.15	4.85	2.495
May	3.65	3.05	5.20	3.30	3.40	.30	.85	3.20	2.10	4.30	2.935
June	4.95	2.25	4.10	2.30	3.20	1.85	4.40	6.50	3.05	1.80	3.440
July	3.95	1.30	2.45	2.05	3.15	4.20	4.55	3.15	1.45	4.05	3.030
August	4.05	6.85	8.75	4.75	5.35	5.95	2.45	6.45	6.30	1.45	5.235
September....	6.10	6.90	6.70	3.65	.10	1.30	5.15	3.85	5.00	4.25	4.300
October	4.70	5.35	5.20	6.75	4.20	3.90	5.15	2.55	4.30	4.50	4.660
November....	8.70	5.65	4.95	3.70	5.30	6.30	2.25	4.90	5.95	7.45	5.515
December	1.60	10.10	2.95	6.65	4.35	6.30	7.55	7.90	8.30	3.60	5.930
TOTALS	54.60	52.40	50.20	44.30	56.80	39.50	47.85	54.65	52.70	51.15	50.415

1860-

RAINFALL AT Wauke Glen

Lat. Lon. County of Kenner
Rain Gauge, by Observer Jm Gale Esq. C.E.
Clyde, L. bank - 2.

Diameter	12										
Height	0 5										
Altitude	280										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.00	5.25	4.60	1.70	8.40	1.25	3.00	2.45	5.70	7.85	4.920
February	1.20	1.00	2.45	5.10	12.20	1.00	3.00	4.35	4.85	2.20	3.735
March	4.25	3.55	1.10	2.30	4.60	4.05	6.55	5.75	2.20	4.45	3.880
April	2.05	.80	1.50	1.60	2.05	2.70	2.50	3.10	3.05	4.75	2.410
May	3.60	2.90	5.10	3.20	3.30	.30	.85	3.10	2.00	4.15	2.850
June	4.80	2.15	4.00	2.20	3.10	1.75	4.30	6.35	2.95	1.70	3.330
July	3.85	1.25	2.35	2.05	3.05	4.10	4.45	3.05	1.35	3.90	2.940
August	3.90	6.70	8.55	4.60	5.25	5.80	2.35	6.25	6.15	1.35	5.090
September....	5.90	6.75	6.60	3.50	.10	1.20	5.05	3.75	4.85	4.10	4.180
October	4.45	5.20	5.10	6.60	4.05	3.80	5.00	2.45	4.00	4.40	4.505
November....	8.50	5.50	4.85	3.60	5.15	6.15	2.15	4.80	5.80	7.20	5.370
December	1.55	10.00	2.85	6.50	4.25	6.20	7.25	7.70	8.10	3.50	5.790
TOTALS	53.05	51.05	49.05	42.95	55.50	38.30	46.45	53.10	51.00	49.55	49.000

1850

RAINFALL AT Paisley H.W. Muirhead

Lat. Lon. County of Penfrew

Rain Gauge, by Observer R. Sharp Esq

Clyde, L. bank - 2.

J. W. Moncur Esq C.E.
J. Lee Esq

Diameter	12											
Height	10											
Altitude	482 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.55	4.40	4.70	2.23	7.39	1.13	2.80	1.65	5.72	7.59	4.416	
February	1.02	1.47	2.92	5.69	11.11	.85	3.81	4.39	4.31	3.12	3.869	
March	3.74	3.24	1.24	2.00	4.36	5.36	6.38	5.55	2.34	4.90	3.911	
April	1.98	1.69	1.16	2.08	2.36	3.79	2.55	3.08	3.52	5.31	2.752	
May	3.60	2.11	5.14	3.18	3.17	.10	.68	2.86	1.90	3.90	2.664	
June	6.11	1.15	4.43	2.47	3.70	2.46	4.38	8.01	2.91	2.56	3.818	
July	4.35	1.35	2.65	3.19	2.83	5.42	5.21	3.62	1.99	4.14	3.475	
August	3.40	6.31	10.27	4.23	5.62	6.36	2.70	7.06	6.48	2.12	5.455	
September	7.97	7.04	7.18	3.78	.12	1.99	5.58	4.31	6.73	5.61	5.031	
October	6.40	6.20	5.19	7.66	6.06	4.24	4.39	2.89	5.34	5.34	5.341	
November	9.76	5.45	5.73	4.03	5.52	6.62	2.49	4.32	6.26	5.97	5.615	
December	1.58	8.81	3.81	6.90	6.12	5.51	7.67	6.55	7.51	3.68	5.814	
TOTALS	56.46	49.22	54.42	47.44	58.36	43.83	48.64	54.29	55.01	54.24	52.191	

1870

RAINFALL AT Paisley W.W. Springside

Lat.

Lon.

County of

Renfrew

Rain Gauge, by

Observer

R. Sharp Esq

J.W. Moncur Esq C.E.

Clyde, L. bank - 2.

Diameter	12											
Height	10											
Altitude	532 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.37	4.89	5.15	2.52	9.16	1.37	3.23	1.78	5.77	7.91	4.915	
February	1.19	1.72	3.03	6.15	13.16	.91	4.07	4.56	4.54	3.36	4.269	
March	4.56	3.43	1.38	2.29	4.86	5.28	6.82	6.01	2.51	5.16	4.230	
April	2.23	1.81	1.42	2.06	2.63	4.27	2.76	3.27	3.58	5.52	2.955	
May	3.66	2.37	5.75	3.33	3.42	.12	.72	3.08	1.98	4.18	2.861	
June	6.95	1.19	5.02	2.70	3.82	2.57	4.69	8.77	2.99	2.59	4.129	
July	4.81	1.51	2.90	3.51	2.81	5.33	5.19	3.80	2.12	4.14	3.612	
August	3.89	6.77	10.66	4.56	6.27	6.72	2.86	7.69	6.80	2.19	5.841	
September	9.16	7.86	8.74	4.07	.14	2.36	5.87	4.68	7.16	5.80	5.584	
October	7.74	6.78	5.26	8.79	6.43	4.85	4.49	3.08	5.58	5.69	5.869	
November	10.75	5.87	6.45	4.18	5.98	7.01	2.68	4.81	6.49	6.33	6.055	
December	1.66	8.80	4.04	7.76	6.81	5.85	8.06	6.78	7.80	3.93	6.149	
TOTALS	63.97	53.00	59.80	51.92	65.49	46.64	51.44	58.31	57.32	56.80	56.469	

1870

RAINFALL AT Lochwinnoch Garthlands

Lat.

Lon.

County of

Renfrew

Rain Gauge, by

Observer

J. Wilson Esq. CR.
H. Macdonnell Esq.

Clyde, L. bank - 2.

Diameter					5							
Height					11							
Altitude					150							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January		5.02	6.14	3.41	9.90	2.17	5.11	1.54	5.54	9.02		
February		2.24	4.96	8.08	14.41	.78	4.07	5.35	7.79	4.02		
March		6.48	1.82	3.47	6.24	6.42	9.30	8.38	2.21	6.51		
April		1.06	2.23	3.01	2.69	2.91	4.68	3.97	3.82	6.17		
May		3.35	6.45	3.14	3.98	.63	1.10	2.32	2.09	4.31		
June		1.24	5.16	2.65	4.12	2.58	4.79	8.55	3.55	3.09		
July		1.30	3.93	4.15	3.14	4.93	5.94	4.69	3.46	5.57		
August		6.77	10.81	4.10	6.76	7.36	3.28	7.68	9.21	2.11		
September....		9.66	9.54	5.01	.18	3.05	6.24	5.29	8.66	9.16		
October		7.72	6.33	9.85	4.71	5.15	5.71	3.68	5.06	6.80		
November....		6.70	7.98	6.65	8.19	7.13	3.94	3.68	8.07	7.53		
December		12.38	5.81	10.23	6.63	8.46	9.84	8.91	10.50	7.33		
TOTALS	(65.00)	63.92	71.16	63.75	70.95	51.57	64.00	64.04	69.96	71.62	(65.507)	

1894 Lochwinnoch Ch 3/4 mile E
Roses 1 ft high 8 ft

1890 Computed from Castle Sample.

RAINFALL AT Lochwinnoch Castle Sempole

Lat.

Lon.

County of Renfrew

Rain Gauge, by

Observer Mr W Thorburn

Clyde, L. bank - 2.

Mr J McMillan

Mr C Jamieson

Diameter	6		7		6						
Height	30 0										
Altitude	240										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.15	2.43	4.64	4.91	7.08	1.55	3.12	2.56	2.94	5.41	
February	1.10	.81	3.01	5.54	11.68	.57	2.76	3.31	#	3.05	
March	3.26	3.35	1.02	2.15	4.28	3.79	7.00	5.22		4.58	
April	2.03	1.29	1.25	2.04	2.20	2.20	2.84	1.88	(14.00)	3.90	
May	2.78	1.88	4.62	2.80	3.49	.57	.87	2.03		3.31	
June	4.15	.62	4.03	2.16	2.54	1.78	4.43	7.58		1.39	
July	4.47	.94	2.57	3.12	2.38	5.37	4.87	2.71	#	1.19	3.58
August	3.10	4.89	9.25	3.77	5.52	6.58	1.84	5.38	6.68	1.00	
September....	6.16	3.81	6.40	3.61	.20	2.01	4.73	4.08	6.81	5.80	
October	4.61	3.76	5.11	9.37	4.01	4.86	3.41	2.51	4.31	5.55	
November....	6.93	4.86	4.89	4.62	5.78	5.69	2.09	3.25	5.80	5.13	
December ....	.95	8.65	3.53	6.16	4.19	7.13	1.22	6.68	6.53	4.01	
TOTALS	45.69	37.29	50.32	50.25	53.35	42.10	39.18	47.19	48.26	46.71	46.034

1892 Lochwinnoch 2 miles W

1893 Walls 18ft high close all around

Trees 20. - 150ft E + W

1898 Feb to June Obs. ill — computed from Garthlands

RAINFALL AT Paisley W.W. Back Thornleyburn

Lat.

Lon.

County of

Renfrew

Rain Gauge, by

Observer

R. Sharp Esq

J.W. Moncur Esq C.E.

Clyde, L. bank - 2.

J. Lee Esq

Diameter	12											
Height	10											
Altitude	646											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.81	3.97	3.75	1.46	5.99	.99	3.28	1.40	5.60	8.03	4.128	
February ....	.96	1.30	1.59	4.82	9.81	.57	4.33	5.09	5.41	2.77	3.665	
March	3.71	2.32	.84	1.95	3.43	4.16	6.79	5.65	2.66	5.24	3.675	
April	1.87	1.15	1.12	1.52	2.38	3.45	2.59	3.07	3.70	4.91	2.576	
May	3.57	2.14	4.78	3.24	3.78	.24	.76	3.29	2.21	4.75	2.876	
June	4.66	1.92	4.07	3.10	3.03	2.20	4.71	7.52	3.28	2.09	3.658	
July	4.28	1.25	2.36	2.84	2.99	5.23	5.30	3.28	1.80	4.48	3.381	
August	3.64	5.71	7.86	3.65	5.32	6.43	2.72	6.66	6.73	1.72	5.046	
September....	6.17	6.40	6.15	3.93	.24	2.09	6.22	3.69	6.29	5.54	4.672	
October	4.39	5.00	5.01	6.77	4.57	4.12	5.22	2.87	4.84	5.52	4.831	
November....	8.06	4.03	5.16	2.72	4.35	7.12	1.91	4.42	5.57	7.81	5.115	
December	1.49	7.84	2.93	5.37	4.07	5.80	7.99	7.34	10.93	3.83	5.759	
TOTALS	49.61	43.03	45.62	41.37	49.96	42.40	51.82	54.28	59.02	56.69	(49.380)	

1892 Gauge tampered with in weeks ending Sept. 24th and
Oct. 8th. Average taken 1880 —

RAINFALL AT Paisley W.W. Stanely

Lat. Lon. County of Renfrew

Rain Gauge, by Clyde, L. bank - 2. Observer R. Sharp Esq J.W. Moncreaf Esq C.E. J. Lee Esq

Diameter	12											
Height	10											
Altitude	190											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.84	3.65	2.98	1.60	6.22	1.19	1.87	1.40	3.43	7.19	3.637	
February ....	.83	.81	2.03	4.78	10.11	.42	1.99	2.54	4.12	2.43	3.006	
March	2.60	2.60	.85	2.04	3.06	2.74	3.44	2.98	1.67	4.11	2.609	
April	1.43	1.26	1.24	1.42	2.14	2.29	1.17	1.55	2.75	3.74	1.899	
May	2.90	1.97	4.26	2.86	2.69	.17	.58	2.28	1.93	4.36	2.400	
June	3.46	1.59	3.87	2.00	2.45	1.90	2.91	7.73	2.94	1.81	3.066	
July	3.16	.98	1.86	2.65	2.49	4.94	3.97	2.21	1.18	3.56	2.700	
August	2.57	5.24	7.49	3.27	4.62	5.00	1.74	5.45	5.30	1.55	4.223	
September....	3.71	4.68	5.44	2.85	.17	1.00	4.43	3.23	4.71	4.53	3.475	
October	2.78	4.48	4.24	5.79	5.03	3.24	3.55	2.40	3.77	3.58	3.886	
November....	6.57	4.17	4.81	2.73	3.74	5.56	1.15	3.23	4.80	5.44	4.220	
December	1.35	7.35	2.38	5.20	3.89	4.54	4.93	5.82	7.51	3.46	4.643	
TOTALS	38.20	38.78	41.45	37.19	46.61	32.99	31.73	40.82	44.11	45.76	39.764	

RAINFALL AT Nether Lavin

Lat. Lon. County of Renfrew

Rain Gauge, by Observer J.M. Gale Esq. C.E.
Clyde, L. bank - 2.

Diameter ....	...			12								
Height .....	...			5								
Altitude	700											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	8.65	5.10	6.45	2.00	9.88	1.00	3.60	1.90	6.00	7.60	5.218	
February	1.20	1.70	3.10	5.20	13.36	.20	4.50	4.70	5.50	2.30	4.176	
March	6.10	4.10	1.15	2.60	4.80	4.00	7.20	5.50	2.80	4.40	4.265	
April.....	2.00	1.40	1.75	1.60	1.85	2.80	3.40	3.00	3.30	5.90	2.700	
May	3.45	2.60	6.70	4.50	4.60	.30	2.10	3.40	2.60	4.20	3.445	
June	6.00	1.60	4.65	3.30	3.75	1.60	4.50	8.10	3.20	2.50	3.920	
July	4.90	1.95	2.65	3.80	4.00	4.60	5.30	4.10	1.80	4.50	3.760	
August	4.80	8.60	9.30	4.90	6.20	7.50	2.50	9.10	5.10	1.70	5.970	
September....	8.00	7.45	7.20	3.85	.10	2.50	5.30	4.50	5.50	6.10	5.050	
October.....	6.40	4.85	5.40	6.90	4.85	4.90	5.60	2.70	5.20	5.50	5.230	
November....	10.35	5.55	6.60	3.60	4.55	7.10	2.70	5.70	7.60	7.20	6.095	
December	1.70	10.50	4.80	3.70	5.40	6.30	8.00	7.90	6.95	3.60	5.885	
TOTALS	63.55	55.40	59.75	45.95	63.34	42.80	54.70	60.60	55.55	55.50	55.714	

18.70 -

RAINFALL AT Middleton

Lat. Lon. County of Renfrew

Rain Gauge, by Clyde, L. bank - 2. Observer J. N. Gale Esq. C.E.

Diameter	12										
Height	0 5										
Altitude	550										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.40	5.85	5.00	2.05	8.70	1.50	3.35	2.75	6.45	8.50	5.355
February	1.40	1.45	2.60	5.30	13.00	1.35	3.55	5.15	5.40	2.65	4.185
March	4.70	4.05	1.20	2.60	4.95	4.55	7.65	7.05	3.15	7.20	4.710
April	2.15	1.20	1.65	1.85	2.50	3.20	3.20	3.45	3.80	6.50	2.950
May	3.60	3.15	5.80	3.75	3.70	.30	.90	3.90	2.65	5.70	3.345
June	5.80	2.30	4.90	2.55	3.50	1.95	5.00	7.80	3.25	2.35	3.940
July	4.75	1.60	2.55	2.05	3.25	4.95	5.00	3.95	1.75	4.65	3.450
August	4.70	7.80	9.10	4.95	5.55	7.20	2.70	7.90	8.45	1.70	6.005
September....	6.95	7.40	7.30	4.00	.15	1.40	5.85	4.30	5.95	5.80	4.910
October	5.40	5.50	5.70	7.90	5.00	4.25	5.85	2.85	5.60	5.30	5.335
November	9.30	5.85	6.05	3.85	5.70	7.25	2.40	5.60	7.25	9.05	6.230
December	1.80	10.95	3.20	7.05	4.60	7.05	8.50	9.00	10.15	4.60	6.690
TOTALS	59.95	57.10	55.05	47.90	60.60	44.95	53.95	63.70	63.85	64.00	57.105

1880 -

RAINFALL AT Glasgow Queens' Park

Lat. Lon. County of Renfrew

Rain Gauge, by Observer Mr D McCallan
Clyde, L. bank - 2. J Whitton Esq

Diameter	8										
Height	0 5	9									
Altitude	144 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.14	3.87	2.32	1.14	4.87	.58	1.54	1.22	2.42	5.61	2.941
February ....	.50	.54	2.00	2.94	8.96	.14	1.76	2.85	3.52	1.84	2.505
March	2.41	2.63	.58	.74	3.37	1.17	4.21	4.05	1.65	3.18	2.399
April	1.33	.81	.67	1.11	1.91	1.05	1.83	2.01	1.65	4.11	1.648
May	2.75	2.75	4.09	3.28	2.28	.20	.60	2.66	2.04	4.45	2.510
June	3.46	.92	3.66	2.40	2.76	1.68	4.07	5.67	1.98	1.55	2.815
July	4.33	1.35	1.72	2.19	2.71	3.81	3.92	2.22	1.46	3.69	2.740
August	3.16	4.52	6.13	3.34	4.87	6.02	1.64	5.51	4.77	1.38	4.134
September....	3.50	4.78	4.12	3.25	.14	1.40	4.71	3.39	3.99	4.04	3.332
October	3.00	3.63	3.77	5.02	2.68	2.95	3.70	1.71	3.97	3.27	3.370
November....	6.42	3.61	3.11	3.07	3.96	4.08	1.07	3.37	4.67	5.85	3.921
December	1.04	6.68	1.67	4.57	2.97	4.49	4.85	5.56	6.32	2.69	4.084
TOTALS	38.04	36.09	33.84	33.05	41.48	27.57	33.90	40.22	38.44	44.66	36.429

1880-

RAINFALL AT Glasgow Maxwell Park

Lat.

Lon.

County of Renfrew

Rain Gauge, by

Observer

J. Whitton Esq

Clyde, L. bank - 2.

Diameter						5					
Height						6					
Altitude					69						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						1.10	1.86	1.21	3.07	6.20	
February ....						.04	1.66	2.66	3.43	3.90	
March						2.34	4.07	4.14	1.26	3.29	
April					1.84	1.88	1.85	1.98	2.32	3.49	
May					2.72	.45	.72	2.53	2.26	4.17	
June					2.86	1.84	5.72	6.19	2.00	1.82	
July					2.90	3.71	3.17	1.91	1.67	3.93	
August					5.49	5.69	1.81	4.70	4.50	1.43	
September ....					.11	1.74	4.59	3.02	4.07	3.99	
October					2.76	4.51	4.34	1.84	3.43	3.43	
November					4.21	4.70	1.21	2.87	4.57	6.41	
December					3.68	4.21	4.64	5.33	6.83	3.31	
TOTALS						32.21	35.64	38.38	39.41	45.37	

RAINFALL AT Paisley Brookston

Lat.

Lon.

County of

Renfrew

Rain Gauge, by

Observer

Major Hotchkiss

Clyde, L. bank - 2.

Diameter ....	...	3										
Height .....	...	5										
Altitude ....	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.30	3.70	3.20	1.50	6.70	.75	1.80	1.30	3.00	6.55	3.580	
February ....	.45	.40	2.20	4.20	11.30	.25	1.00	3.50	3.70	2.00	2.900	
March	1.90	2.15	.90	1.50	3.35	1.30	3.10	4.00	1.20	3.70	2.310	
April .....	.35	.75	.60	.90	1.45	.80	1.30	1.95	2.30	3.30	1.370	
May	2.00	1.30	3.70	2.25	1.80	.05	.25	2.00	1.40	3.80	1.855	
June	3.30	1.10	3.00	1.35	2.00	1.65	2.80	5.50	1.60	1.45	2.375	
July	3.60	.70	1.00	2.00	2.15	3.20	4.20	1.85	.85	3.00	2.255	
August	2.50	5.00	5.65	2.65	3.60	4.70	1.60	4.30	4.85	.85	3.570	
September....	3.90	4.60	4.00	2.70	.03	.80	4.30	2.90	3.80	3.40	3.043	
October	2.70	4.10	3.40	5.40	3.70	2.80	4.10	1.80	3.25	3.10	3.425	
November	6.40	3.70	3.90	2.50	3.40	5.15	.90	3.00	5.05	5.80	3.980	
December	1.30	7.30	1.80	4.50	3.25	5.20	6.00	6.05	6.50	3.00	4.490	
TOTALS	35.70	34.80	33.35	31.45	42.73	26.65	31.35	38.15	37.50	39.95	35.163	

1891 Cardonald Church 1 mile N
 Fruit Tree 20 ft high 36 ft NE

RAINFALL AT Paisley The Boats Observatory

Lat.

Lon.

County of

Renfrew

Rain Gauge, by

Observer

Dr Buchan

Clyde, L. bank - 2.

Diameter	10											
Height	10											
Altitude	100			107								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.81 5.28	4.03 3.39	3.82	1.86 1.85	6.40	1.12	1.34	1.60	2.55	4.14		
February ....	.83 71	.75 79	2.24	4.72	11.07 11.57	43 49	1.45 1.80	3.51 3.31	3.16	1.01		
March	2.97 2.33	1.98	.69	2.02 2.01	3.58	2.41	2.32	4.65	1.42	2.27		
April	1.61 1.39	.91 1.07	1.03	1.40	2.67	2.14	.74	2.74	2.52	3.31		
May	3.03 2.66	1.85	4.22	3.07	2.61	.22	.38	2.78	1.34 2.34	3.62 4.12		
June	4.36 3.64	1.48	3.51	2.18	2.55	2.26	2.36	6.53 4.53	2.10	1.55		
July	3.91 3.59	.97	1.84	3.30	2.84	3.44	2.62	2.02	1.00	2.70		
August	2.56 2.36	5.45	7.55 7.50	3.82	4.19	3.99	.96 73	5.70	4.86	1.12		
September	3.86 3.64	4.78	5.31	3.06	.30	1.01	2.89	3.16 2.96	3.97 3.07	4.04		
October	3.29 2.43	4.54	4.03	5.25	3.91	1.73	2.73	2.31	3.22	3.14		
November	8.14 6.40	4.05	5.24	2.69	3.38	4.07	1.00	2.75	4.57 4.60	5.07		
December	1.23 1.15	7.74	1.97	4.90 4.40	3.51	3.84 3.82	5.66	5.62	6.16	2.81		
TOTALS	42.60 35.58	38.53 38.07	41.45 41.40	38.27 37.75	47.01 47.21	26.66 26.70	24.45 24.07	43.37 40.97	36.87 36.87	34.78 34.78		

1893 Printed from R.G.R. daily values sent subsequently
by Observer

1896 Return about six inches too small

Note: Figures in ~~pencil~~ ^{red ink.} were adopted by S.M.S.
in 1915 after correspondence with the
Governor of Boats Observatory.

(M.O. Edin. letter to Mo. 7
file ref. 497819/36)

[Signature]
17/11/17

RAINFALL AT Shaws W.W. Duckall Moor

Lat.

Lon.

County of Renfrew

Rain Gauge, by

Observer R. Gilman Esq. C.E.
D Macalister Esq. C.E.

Clyde, L. bank - 2.

Diameter								6			
Height								10			
Altitude					1150						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					7.50	1.50	4.00	2.00	5.90	9.90	
February					10.20	.50	4.30	5.90	6.60	4.20	
March					3.70	5.30	8.40	6.30	3.60	5.30	
April					3.90	4.70	3.50	4.30	4.70	6.00	
May					5.00	.10	1.00	3.50	2.80	5.30	
June					4.00	2.30	6.70	8.50	4.50	3.20	
July					4.10	6.50	7.30	3.90	2.70	5.90	
August					6.40	8.50	3.80	8.30	9.60	2.70	
September....					.30	3.10	7.60	6.70	9.40	7.10	
October					5.80	6.00	5.50	4.10	5.20	6.90	
November....					7.20	8.90	3.30	5.20	6.10	9.40	
December					5.80	6.50	8.20	7.20	10.50	5.90	
TOTALS					63.90	53.90	63.60	65.90	71.60	71.80	

RAINFALL AT Shaws W.W. Branch Hill

Lat.

Lon.

County of Renfrew

Rain Gauge, by

Observer J. Wilson Esq. Ch.
R. Gilmour Esq. Ch.
D. Macalister Esq. Ch.

Clyde, L. bank - 2.

Diameter	6											
Height	1 0											
Altitude ....	...	1100										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	5.20	4.20	4.30	2.80	6.50	.80	3.90	1.70	6.40	8.60	4.440	
February	1.30	2.10	1.80	5.40	9.60	.30	4.40	6.10	4.60	4.60	4.020	
March	4.40	2.90	.80	1.70	3.10	5.20	8.30	5.60	3.10	4.80	3.990	
April	1.70	2.10	1.50	2.60	3.40	4.50	2.40	3.90	4.60	5.40	3.210	
May	4.00	2.70	6.00	3.70	4.40	.10	.90	3.30	2.80	5.30	3.320	
June	7.40	2.20	5.60	2.30	3.90	2.50	6.60	7.60	5.10	3.30	4.650	
July	5.50	2.40	2.00	5.50	3.90	6.40	7.50	3.80	2.80	5.30	4.510	
August	4.50	8.30	10.70	4.61	6.30	8.90	3.60	7.90	10.40	2.40	6.761	
September	8.30	5.50	8.40	4.40	.20	3.20	7.30	5.70	7.70	6.10	5.680	
October	6.00	6.60	4.40	8.40	5.20	5.30	4.60	4.60	4.40	5.70	5.520	
November	10.70	5.40	5.60	5.70	6.50	8.40	3.10	5.60	5.60	7.40	6.400	
December	1.80	8.50	2.90	6.70	4.80	5.10	8.50	7.00	9.00	5.00	5.930	
TOTALS	60.80	52.90	54.00	53.81	57.80	50.70	61.10	62.80	66.50	63.90	58.431	

RAINFALL AT Shaws W.W. Green Water

Lat.

Lon.

County of Penfrew

Rain Gauge, by

Observer J. Wilson Esq. C.E.
R. Gilman Esq. C.E.
D. Macalister Esq. C.E.Clyde, L. bank - 2.

Diameter	6										
Height	1 0										
Altitude	788 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.10	5.30	6.80	3.40	9.30	1.60	4.30	2.00	7.10	10.50	5.940
February	2.00	2.20	2.90	6.90	12.70	.60	4.10	5.90	7.80	4.30	4.940
March	6.50	4.90	1.50	3.00	5.50	5.80	9.10	7.60	3.30	6.00	5.320
April	2.30	2.50	2.10	3.00	3.50	4.60	3.30	4.60	5.60	5.90	3.740
May	3.80	2.80	6.60	3.40	4.60	.20	.90	3.90	2.80	4.70	3.370
June	7.90	2.10	5.70	2.00	3.50	2.30	5.80	7.80	4.50	2.80	4.440
July	5.60	2.20	3.10	4.90	3.60	5.90	6.60	3.80	2.60	3.20	4.150
August	4.90	8.60	10.90	4.90	5.80	8.20	3.30	8.10	9.50	2.30	6.650
September	9.60	8.20	11.20	5.50	.20	3.30	7.30	6.00	8.60	6.90	6.680
October	7.00	8.50	5.40	9.50	5.00	6.30	5.40	5.00	4.80	7.00	6.390
November	13.00	7.60	8.00	6.90	7.20	9.80	3.30	6.30	7.70	9.70	7.950
December	2.50	11.80	4.30	8.20	6.70	7.30	9.50	8.50	12.10	5.60	7.650
TOTALS	74.20	66.70	68.50	61.60	67.60	55.90	62.90	69.50	76.40	68.90	67.220

RAINFALL AT Shaws W.W. Gyffe Reservoir

Lat. Lon. County of Renfrew

Rain Gauge, by Clyde, L. bank - 2. Observer Wilson Esq. Ch.
R. Gilman Esq. Ch.
D. Macalister Esq. Ch.

Diameter	6										
Height	10										
Altitude	640 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.40	5.40	6.40	3.10	9.90	1.40	4.20	2.00	7.10	10.50	5.840
February	2.00	2.10	2.60	6.70	12.70	.70	4.00	5.80	7.20	4.30	4.810
March	5.90	5.00	1.20	2.60	5.70	5.60	8.50	8.20	3.00	5.40	5.110
April	2.20	2.60	1.80	2.30	3.40	4.20	2.80	4.70	5.50	5.80	3.530
May	3.70	3.10	6.10	3.30	4.20	.20	.80	3.70	2.60	4.60	3.230
June	6.70	1.70	5.10	2.00	3.10	2.40	5.10	7.60	3.90	2.50	4.010
July	5.10	2.00	2.90	4.80	3.20	6.00	5.80	3.70	2.10	4.90	4.050
August	4.20	8.00	9.90	4.50	5.50	8.20	3.20	7.40	8.40	2.10	6.140
September....	8.80	7.90	10.00	5.10	.30	2.90	6.80	5.70	7.60	6.60	6.170
October	6.10	7.60	4.50	9.40	5.00	5.40	5.30	4.80	4.60	6.50	5.920
November....	12.00	7.20	6.70	6.10	7.00	9.70	2.80	5.80	7.70	9.30	7.430
December	1.50	10.50	3.50	8.30	6.30	7.90	9.50	8.60	12.00	5.60	7.370
TOTALS	66.60	63.10	60.70	58.20	66.30	54.60	58.80	68.00	71.70	68.10	63.610

RAINFALL AT Shaws WW Mansfield

Lat. Lon. County of Renfrew

Rain Gauge, by Clyde, L. bank - 2. Observer J. Wilson Esq. C.E.
R. Gilmour Esq. C.E.
D. Macalister Esq. C.E.

Diameter	5											
Height	10											
Altitude	573 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	9.54	5.92	6.06	3.40	9.79	1.55	4.37	2.15	6.17	10.25	5.920	
February	2.12	1.94	2.64	6.52	13.04	.64	3.86	5.62	7.15	4.16	4.769	
March	5.84	4.54	1.24	2.67	5.70	5.45	8.28	7.92	2.70	4.96	4.930	
April	2.35	2.57	1.74	2.29	3.36	4.29	2.73	4.55	5.36	5.62	3.486	
May	3.82	3.08	5.99	3.27	4.09	.30	.91	3.65	2.47	4.92	3.250	
June	6.65	1.72	5.03	2.00	3.13	2.30	5.17	8.06	3.81	2.72	4.059	
July	5.17	1.86	2.87	4.75	3.36	5.81	5.98	3.39	1.88	4.65	3.972	
August	4.09	8.06	9.97	4.94	5.33	7.84	3.19	7.03	7.70	2.12	6.027	
September	8.28	8.01	9.80	4.93	.34	2.91	6.52	5.60	6.91	6.18	5.948	
October	5.94	8.12	4.96	9.19	4.81	5.34	5.51	4.90	4.52	5.82	5.911	
November	12.95	7.03	7.99	6.04	6.97	10.00	2.76	5.38	7.06	8.85	7.503	
December	1.55	10.73	3.76	8.23	5.90	7.97	9.37	7.91	11.48	5.37	7.227	
TOTALS	68.30	63.58	62.05	58.23	65.82	54.40	58.65	66.16	67.21	65.62	63.002	

RAINFALL AT Shaws W. W. Darnall Moor

Lat. Lon. County of Renfrew

Rain Gauge, by Observer R. Gilmore Esq. C.E.
Clyde, L. bank - 2. D. Macalister Esq. C.E.

Diameter								6			
Height								10			
Altitude					850						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					9.60	1.90	5.00	2.00	7.30	10.30	
February					13.10	.90	4.40	6.10	7.40	4.90	
March					5.50	5.40	8.60	8.60	3.20	5.90	
April					3.00	4.90	3.00	4.70	6.00	5.70	
May					3.90	.20	1.00	3.90	2.70	5.00	
June					3.30	2.30	5.50	8.00	4.00	2.40	
July					3.10	6.20	5.80	3.70	2.40	3.20	
August					5.30	8.20	3.80	8.00	8.80	2.20	
September....					.30	3.50	7.50	6.60	8.00	6.70	
October.....					4.70	5.10	5.20	4.80	4.80	6.60	
November....					6.80	9.70	2.80	5.90	8.70	9.40	
December					6.20	9.20	10.30	8.90	13.90	5.40	
TOTALS					64.80	57.50	62.90	71.20	77.20	67.70	

RAINFALL AT *Shaws W.W. Large Road*

Lat.

Lon.

County of *Renfrew*

Rain Gauge, by

Observer *R. Gilman Esq. C.E.*

Firm of Clyde - 3.

D. Macalister Esq. C.E.

Diameter								5			
Height								10			
Altitude					910						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					10.00	1.52	4.29	2.49	4.93	7.77	
February					10.40	.84	4.63	4.12	7.29	2.98	
March					4.92	6.10	7.80	7.39	3.09	3.34	
April					4.30	4.10	3.26	4.21	2.61	5.16	
May					6.17	.26	.88	3.76	2.72	4.05	
June					7.45	2.45	5.53	6.97	3.86	2.66	
July					4.95	4.30	6.55	3.62	3.68	5.51	
August					7.05	7.50	4.22	7.55	9.76	2.65	
September....					.22	3.76	6.77	5.68	6.26	6.96	
October					5.00	4.90	4.11	3.73	3.69	5.48	
November....					6.40	6.00	3.49	5.73	6.05	6.62	
December					5.40	6.50	6.66	7.25	9.04	5.64	
TOTALS					72.26	48.23	58.19	62.50	62.98	58.82	

RAINFALL AT *Port Glasgow Anchendoors Reservoir*

Lat. Lon. County of *Renfrew*

Rain Gauge, by Observer *J Wilson Esq C.E.*
SW Dalzell Esq C.E.

Firm of Clyde - 3.

Diameter	5										
Height	0 9		1 0								
Altitude	321 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.42	2.89	3.86	2.33	8.54	1.58	3.20	1.75			
February .....	.74	1.68	1.44	3.70	12.45	.65	2.59	4.30			
March	3.25	3.66	1.10	2.58	5.43	2.89	6.77	6.57			
April	2.08	1.61	1.33	1.85	3.07	3.06	2.15	3.30			
May	2.45	2.21	4.57	2.65	3.13	.22	.77	2.90			
June	4.48	1.18	2.47	1.17	3.04	1.67	3.92	6.93			
July	3.59	.89	2.25	4.03	2.36	5.25	4.72	2.27			
August	3.00	4.23	7.49	3.49	5.21	6.60	2.30	4.72			
September	2.10	6.40	5.82	3.69	3.23	1.81	5.45	7.28			
October	4.66	5.16	3.95	7.24	2.94	3.76	4.76	4.42			
November	9.61	6.16	6.17	5.78	4.74	7.15	1.63	3.67			
December	1.32	9.49	2.20	6.38	4.86	6.41	6.66	6.78			
TOTALS	45.70	45.56	42.65	44.89	59.00	41.05	44.92	54.89			

RAINFALL AT Langbank East Bank

Lat. Lon. County of Renfrew

Rain Gauge, by Observer A. Cross

Wilson Dial 7 1/2 of Clyde - 3.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September											
October											
November											
December											
TOTALS . . .											

5.46

4.27

RAINFALL AT Langbank East Bank

Lat.

Lon.

County of _____

Renfrew

Rain Gauge, by

Observer:

a. Cross

Snowdon

Film of Cl_2 de-3.

[illegible]

RAINFALL AT Port Glasgow Douliehill Reservoir
Lat. Lon. County of Renfrew

Rain Gauge, by Observer J. Wilson Esq. C.E.
7 in. of clay - 3. S.W. Dalzell Esq. C.E.

Diameter	5										
Height	0 9	1 0									
Altitude	549 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.19	3.63	4.52	2.47	9.34	1.30	4.01	1.82			
February .....	.94	2.02	2.09	4.27	13.37	.62	3.17	5.45			
March	3.59	4.13	1.20	2.94	5.77	4.39	7.34	6.64			
April	1.85	1.86	1.45	2.27	3.34	3.17	2.55	3.84			
May	2.91	2.32	5.30	3.03	3.45	.13	.91	3.30			
June	5.18	1.23	2.64	1.31	3.10	1.08	4.58	6.57			
July	3.97	.97	2.27	4.50	2.52	4.85	5.11	2.78			
August	3.72	4.70	7.95	3.64	5.31	7.13	2.71	4.92			
September	3.09	6.74	6.54	4.37	3.14	2.59	5.79	7.62			
October	5.94	5.72	4.36	8.27	2.81	4.42	5.14	5.67			
November	9.89	7.69	6.24	6.41	4.97	7.84	2.32	4.52			
December	1.51	10.53	2.59	6.78	5.17	6.90	8.13	7.31			
TOTALS	51.78	51.54	47.15	50.26	62.29	44.42	51.76	60.44			

RAINFALL AT *Shaws W.W. Compensation Reservoir*

Lat.

Lon.

County of *Renfrew*

Rain Gauge, by

Observer *J. Wilson Esq C.E.*
R. Gilman Esq C.E.

Form of Clyde-3.

D. Macalister Esq C.E.

Diameter	6	5										
Height	1	0										
Altitude	600											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	7.59	4.64	6.09	3.16	8.55	1.94	4.14	2.45	5.76	7.02	5.134	
February	1.78	2.03	2.83	5.29	11.30	1.22	4.38	4.63	5.55	3.49	4.250	
March	5.91	4.67	1.64	2.73	5.11	5.47	6.99	6.74	2.92	3.71	4.589	
April	2.00	2.90	1.88	2.39	2.86	4.05	2.56	3.19	4.44	4.35	3.062	
May	3.87	2.51	6.04	3.18	3.65	.26	1.04	2.93	2.69	3.83	3.000	
June	7.05	2.25	5.13	1.88	3.49	2.22	4.71	7.34	3.53	2.05	3.965	
July	6.14	2.11	3.07	5.35	3.66	5.37	5.66	3.06	2.07	4.58	4.107	
August	4.06	7.73	8.91	4.31	6.22	7.94	2.96	6.75	8.11	2.41	5.940	
September....	8.75	8.56	10.00	5.21	.16	2.65	7.26	5.46	7.45	6.75	6.225	
October	6.76	5.74	4.79	9.04	4.32	4.29	3.51	3.59	4.69	5.01	5.174	
November	11.47	6.40	7.28	5.73	5.92	7.36	2.41	5.04	7.52	7.45	6.658	
December	1.71	9.36	3.49	6.88	5.60	7.07	6.87	7.85	8.98	5.53	6.324	
TOTALS	67.09	58.90	61.15	55.15	60.84	49.84	52.49	59.03	63.71	56.18	58.438	

1880—

RAINFALL AT Shaws W W Loch Thom

Lat. _____ Lon. _____ County of Renfrew

Rain Gauge, by _____ Observer J Wilson Esq C.E.
Firth of Clyde - 3. R Gilman Esq C.E.
D Macalister Esq C.E.

Diameter	5											
Height	1 0											
Altitude	643 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	8.51	4.96	5.98	3.05	9.10	1.94	4.05	12.31	6.43	7.53	5.386	
February	2.15	2.18	2.81	5.58	11.58	1.15	4.07	4.97	6.26	3.72	4.447	
March	6.83	4.79	1.69	2.97	5.26	5.30	7.21	6.83	3.21	3.77	4.786	
April	2.04	3.07	1.94	2.45	2.72	4.11	2.61	3.12	4.70	4.85	3.161	
May	4.02	2.50	5.94	3.22	3.60	.26	.99	3.07	2.71	3.55	2.986	
June	8.15	2.24	5.71	1.70	3.48	2.20	4.91	6.80	3.83	2.32	4.134	
July	6.37	2.38	3.20	5.20	3.80	5.12	5.56	2.91	2.19	5.29	4.212	
August	4.28	8.19	9.20	4.45	6.08	7.63	2.96	6.89	8.62	2.39	6.069	
September....	9.94	8.57	9.98	5.25	.16	2.73	7.05	5.33	7.70	7.26	6.397	
October	7.25	5.96	4.63	8.54	4.12	4.39	3.54	3.46	4.99	6.38	5.326	
November	12.92	6.11	7.25	5.76	5.48	6.89	2.22	5.43	7.83	8.40	6.829	
December	1.78	9.22	3.73	6.97	5.29	6.77	6.55	8.17	10.32	5.64	6.444	
TOTALS	74.24	60.17	62.06	55.24	60.67	48.49	51.72	59.29	68.79	61.10	60.177	

1890—

RAINFALL AT *Shaws WW Shielhill*

Lat. Lon. County of *Perth*

Rain Gauge, by Observer *J. Wilson Esq. C.E.*
R. Gilman Esq. C.E.

Form of Clyde - 3.

Diameter	<i>6</i>											<i>D Macalister Esq. C.E.</i>
Height	<i>10</i>											
Altitude	<i>962 ft</i>											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	<i>8.00</i>	<i>4.30</i>	<i>6.30</i>	<i>2.90</i>	<i>6.20</i>	<i>1.50</i>	<i>4.20</i>	<i>1.90</i>	<i>5.90</i>	<i>8.00</i>	<i>4.920</i>	
February	<i>1.50</i>	<i>2.10</i>	<i>2.50</i>	<i>5.90</i>	<i>9.90</i>	<i>1.00</i>	<i>3.60</i>	<i>6.00</i>	<i>5.90</i>	<i>3.80</i>	<i>4.220</i>	
March	<i>5.20</i>	<i>3.40</i>	<i>.90</i>	<i>2.60</i>	<i>3.40</i>	<i>5.40</i>	<i>6.90</i>	<i>8.10</i>	<i>2.50</i>	<i>3.50</i>	<i>4.190</i>	
April	<i>2.00</i>	<i>2.20</i>	<i>2.10</i>	<i>2.00</i>	<i>2.60</i>	<i>3.10</i>	<i>2.70</i>	<i>3.30</i>	<i>4.50</i>	<i>5.00</i>	<i>2.950</i>	
May	<i>1.80</i>	<i>2.60</i>	<i>5.90</i>	<i>3.00</i>	<i>3.10</i>	<i>.20</i>	<i>.90</i>	<i>3.40</i>	<i>2.30</i>	<i>4.20</i>	<i>2.740</i>	
June	<i>6.80</i>	<i>2.30</i>	<i>4.90</i>	<i>1.90</i>	<i>2.10</i>	<i>2.80</i>	<i>4.60</i>	<i>7.50</i>	<i>3.40</i>	<i>2.20</i>	<i>3.850</i>	
July	<i>5.00</i>	<i>1.80</i>	<i>2.60</i>	<i>5.20</i>	<i>3.40</i>	<i>4.30</i>	<i>5.40</i>	<i>3.30</i>	<i>2.40</i>	<i>4.30</i>	<i>3.770</i>	
August	<i>3.40</i>	<i>8.70</i>	<i>7.60</i>	<i>4.00</i>	<i>6.00</i>	<i>8.20</i>	<i>2.90</i>	<i>7.30</i>	<i>8.80</i>	<i>2.00</i>	<i>5.890</i>	
September	<i>8.30</i>	<i>8.10</i>	<i>9.90</i>	<i>4.70</i>	<i>.10</i>	<i>3.00</i>	<i>6.10</i>	<i>5.60</i>	<i>8.90</i>	<i>7.00</i>	<i>6.170</i>	
October	<i>6.50</i>	<i>6.60</i>	<i>4.70</i>	<i>6.60</i>	<i>5.60</i>	<i>4.00</i>	<i>3.00</i>	<i>3.60</i>	<i>4.80</i>	<i>6.90</i>	<i>5.230</i>	
November	<i>11.80</i>	<i>6.30</i>	<i>6.00</i>	<i>6.20</i>	<i>5.30</i>	<i>7.00</i>	<i>1.60</i>	<i>4.90</i>	<i>9.30</i>	<i>7.80</i>	<i>6.620</i>	
December	<i>1.40</i>	<i>8.90</i>	<i>4.00</i>	<i>6.60</i>	<i>6.00</i>	<i>7.20</i>	<i>9.00</i>	<i>8.90</i>	<i>10.40</i>	<i>5.90</i>	<i>6.830</i>	
TOTALS	<i>61.70</i>	<i>57.30</i>	<i>57.40</i>	<i>51.60</i>	<i>53.70</i>	<i>47.70</i>	<i>50.90</i>	<i>63.80</i>	<i>69.10</i>	<i>60.60</i>	<i>57.380</i>	

RAINFALL AT Shaws WW New Yetts Dam

Lat. _____ Lon. _____ County of Renfrew

Rain Gauge, by _____ Observer J. Wilson Esq C.E.
Wm of Clyde - 3. R. Gilman Esq C.E.
D. Macalister Esq C.E.

Diameter	5										
Height	10										
Altitude	800										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.68	4.31	6.18	2.80	9.18	1.59	4.59	2.18	6.45	9.80	5.376
February	1.82	2.05	2.51	5.60	11.91	.59	4.03	5.26	5.53	4.81	4.411
March	5.61	4.28	1.48	2.77	5.17	5.45	7.77	7.22	2.63	5.06	4.744
April	2.11	2.89	1.87	2.51	2.86	4.11	2.74	4.02	5.19	5.14	3.344
May	3.43	2.53	6.28	3.36	4.04	.23	.95	3.64	2.55	4.86	3.187
June	6.67	2.00	5.33	1.96	3.62	2.48	5.14	8.11	3.66	2.58	4.155
July	4.88	2.31	2.78	6.01	3.51	6.15	6.26	3.55	2.02	4.79	4.226
August	3.94	7.34	9.56	5.11	5.73	9.06	3.70	7.55	8.17	2.35	6.251
September	7.66	8.75	9.39	4.95	.25	3.20	6.95	5.82	8.33	6.07	6.137
October	5.43	6.57	4.16	9.10	4.58	4.70	4.11	4.26	4.99	5.86	5.376
November	11.19	6.35	6.62	5.75	7.01	9.23	2.67	5.02	7.24	8.00	6.908
December	1.52	10.30	3.51	7.65	6.98	7.69	9.68	8.32	11.63	5.89	7.317
TOTALS	60.94	59.68	59.67	57.57	64.84	54.48	58.59	64.95	68.39	65.21	61.432

RAINFALL AT Shaws w.w. Spango Burn

Lat.

Lon.

County of Renfrew

Rain Gauge, by

Observer J. Wilson Esq. C.E.
R. Gilman Esq. C.E.
D. Macalister Esq. C.E.

Firm of Clyde - 3.

Diameter	6										
Height	0 9										
Altitude	757 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.80	4.60	5.90	3.00	6.00	1.30	4.30	2.00	6.00	8.60	4.950
February	1.60	1.90	2.20	6.10	10.20	.90	3.80	5.80	6.10	4.40	4.300
March	5.50	3.50	1.00	2.80	3.60	5.10	7.00	7.40	3.00	3.20	4.210
April	1.90	2.20	1.90	2.20	2.50	3.30	2.50	3.50	4.60	4.70	2.930
May	3.00	2.20	6.00	2.90	3.40	.20	1.00	3.50	2.20	4.50	2.890
June	6.90	2.20	5.30	1.80	2.40	2.60	4.30	8.10	3.50	2.40	3.950
July	4.90	1.80	2.90	5.30	3.60	4.80	5.60	3.50	2.00	4.00	3.840
August	3.60	7.10	8.00	3.70	5.90	8.40	3.00	8.00	8.00	2.40	5.810
September....	8.00	7.60	9.00	4.90	.10	2.90	6.50	6.00	7.30	6.40	5.870
October	5.80	5.80	5.00	6.90	5.00	4.20	3.30	3.80	4.60	6.30	5.070
November....	11.00	6.00	6.40	5.50	5.70	7.30	2.80	5.50	8.40	8.00	6.660
December	1.20	9.10	3.60	6.40	5.60	7.00	9.60	8.50	10.80	5.60	6.740
TOTALS	61.20	54.00	57.20	51.50	54.00	48.00	53.70	65.60	66.50	60.50	57.220

RAINFALL AT *Shaws W.W. Hole Glen*

Lat. Lon. County of *Renfrew*

Rain Gauge, by Observer *J. Wilson Esq. Ch.*
R. Gilmour Esq. Ch.
D. Macalister Esq. Ch.

7th of Clyde - 3.

Diameter	5											
Height	1 0											
Altitude	603											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	8.00	4.83	6.92	2.78	9.23	1.64	5.11	2.00	6.47	9.15	5.613	
February	1.67	2.29	2.57	5.70	12.85	.59	4.02	4.83	6.29	4.41	4.522	
March	5.62	4.24	1.47	2.92	5.45	5.33	8.05	6.86	2.87	5.04	4.785	
April	2.18	3.00	1.93	2.38	2.38	4.13	2.61	3.52	5.02	4.81	3.196	
May	3.36	2.70	5.97	3.63	3.98	.23	.84	3.51	2.48	4.37	3.107	
June	7.06	1.88	5.19	1.87	3.56	2.63	5.10	7.77	3.53	2.33	4.092	
July	5.39	2.06	2.93	5.78	3.61	5.95	5.86	3.46	2.10	4.64	4.178	
August	4.12	7.15	9.15	5.63	5.68	9.07	3.32	7.24	7.99	2.30	6.165	
September	8.39	8.54	9.62	5.07	.22	3.24	5.83	5.95	7.40	6.56	6.082	
October	5.19	6.53	4.03	8.93	4.78	4.64	3.38	4.03	4.89	5.01	5.141	
November	12.13	6.45	6.68	5.29	6.79	9.22	2.25	4.75	7.68	6.31	6.755	
December	1.51	10.80	3.63	8.16	6.87	8.07	8.77	7.89	11.38	5.08	7.216	
TOTALS	64.62	60.47	60.09	58.14	65.40	54.74	55.14	61.81	68.10	60.01	60.852	

1880 -

RAINFALL AT Shaws W. Prospect Hill

Lat.

Lon.

County of

Renfrew

Rain Gauge, by

Observer

J. Wilson Esq. C.E.

R. Gilman Esq. C.E.

Kind of gauge - 3.

D. Macalister Esq. C.E.

Diameter	5											
Height	10											
Altitude	200.			233				200	233			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	9.95	5.72	6.90	2.83	10.89	1.46	4.73	1.84	7.35	9.63	6.130	
February	1.41	2.00	2.60	6.04	14.07	.64	3.88	5.71	6.59	4.47	4.741	
March	5.67	4.47	1.39	2.80	6.54	4.71	7.54	7.47	2.86	5.56	4.901	
April	1.88	2.51	1.92	2.25	2.28	3.82	2.60	3.94	5.36	4.76	3.132	
May	3.29	2.29	5.75	3.08	3.43	.21	.71	3.44	2.19	4.14	2.853	
June	6.01	1.73	4.67	1.78	3.18	2.32	4.54	7.16	3.28	2.06	3.673	
July	4.66	1.76	2.96	5.33	3.22	4.99	5.08	3.34	1.81	4.10	3.725	
August	3.27	7.02	9.47	5.71	4.67	8.58	3.12	7.23	7.28	1.86	5.821	
September	7.28	8.04	9.95	4.64	.20	2.71	5.54	5.51	7.24	5.89	5.700	
October	4.61	6.72	3.72	8.96	4.37	3.84	3.94	4.08	4.59	5.83	5.066	
November	11.59	6.33	7.39	5.28	6.39	9.11	2.15	4.70	7.54	8.45	6.893	
December	1.36	12.26	4.37	9.38	6.37	7.74	8.76	8.60	12.36	5.34	7.654	
TOTALS	60.98	60.85	61.09	58.08	65.61	50.13	52.59	63.02	68.45	62.09	60.289	

RAINFALL AT *Helenburgh Lyleston*

Lat. _____ Lon. _____ County of *Dunbarton*
 Rain Gauge, by _____ Observer *Forrest Frew Esq*

Firm of Clyde - 2.

Diameter	6										
Height	0 6										
Altitude	120										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.10	4.05	4.20	2.60	7.10	2.10					
February	1.20	.80	2.50	4.90	9.90	.95					
March	3.45	3.90	1.25	2.30	3.70	2.95					
April	1.50	1.95	.95	1.80	1.90	2.50					
May	2.40	1.85	4.15	2.70	2.90	.15					
June	4.10	1.25	3.35	2.05	3.10	1.80					
July	3.20	.85	2.85	4.55	2.60	3.80					
August	2.90	5.45	8.25	4.20	4.25	6.40					
September....	5.60	5.20	5.30	3.10	.55	1.65					
October	4.10	5.40	3.60	5.95	3.40	3.70					
November....	9.05	4.40	5.00	4.20	4.60	6.60					
December	1.10	9.00	2.90	5.90	4.70	6.50					
TOTALS	45.70	44.10	44.30	44.25	48.70	39.10					

RAINFALL AT *Helenburgh Ferniegair*

Lat.

Lon.

County of *Dumbarton*

Rain Gauge, by

Observer *J.R. Wilson Esq*

Firth of Clyde - 2.

Diameter		6										
Height	6											
Altitude	18											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	8.88	4.45	5.25	2.57	6.78	.84	4.00	1.46	4.93	7.10	4.626	
February	1.30	1.60	2.30	5.48	11.45	.39	2.97	3.08	4.61	2.99	3.617	
March	4.55	4.12	1.57	1.90	3.86	3.14	5.45	5.90	2.30	4.29	3.708	
April	1.50	1.94	1.28	1.92	1.24	2.38	2.55	1.93	3.98	3.62	2.234	
May	(2.10)	2.13	4.74	2.44	2.29	.17	.70	2.58	2.09	3.01	2.225	
June	5.00	1.41	3.93	1.35	2.53	2.30	3.03	5.74	3.26	1.79	3.034	
July	3.34	1.09	2.80	4.60	3.23	3.71	3.88	2.25	1.59	2.94	2.943	
August	3.18	5.39	8.39	5.20	3.60	7.00	2.15	(5.89)	6.20	1.02	4.802	
September....	7.85	(8.08)	6.45	3.80	.21	1.88	4.01	(4.08)	6.41	4.83	4.760	
October	3.98	5.12	3.62	6.36	3.07	3.54	2.79	2.33	4.06	3.92	3.879	
November....	8.50	5.18	4.70	4.12	4.10	6.99	1.99	3.43	5.78	3.91	4.870	
December	1.18	9.02	2.98	6.08	4.86	6.33	(5.47)	5.49	8.77	4.81	5.499	
TOTALS	(51.36)	49.53	48.01	45.82	47.22	38.67	(38.99)	(44.16)	53.98	44.23	46.197	

W. J. W.

1890 May computed, gauge tampered with.

1891 Sept. gauge out of order

1896 Dec. " " " "

1897 Aug + Sept. gauge tampered with.

RAINFALL AT *Helensburgh* *Victoria Road* *Glenan & Dalgleman*

Lat.

Lon.

County of

Dumbarton

Rain Gauge, by

Observer

L. P. Munrohead Esq

Firm of Clyde - 2.

Diameter	5		5			5						
Height	10		1	-		6	-	0				
Altitude	100		70			90						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	8.72	4.63	6.43	2.36	6.76	2.19	2.80	1.53				
February	1.42	1.75	5.28	6.06	11.11	.49	2.66	3.12				
March	4.34	3.93	2.25	2.36	3.51	3.19	5.09	5.31				
April	1.70	2.36	1.47	2.09	1.34	2.48	2.37	1.80				
May	2.29	2.18	5.86	2.96	2.25	.52	70	2.32				
June	5.44	1.60	4.58	2.12	2.64	2.57	3.22	6.69				
July	3.80	1.37	2.92	4.68	3.17	3.44	4.44	2.57				
August	3.96	5.96	7.23	5.08	4.66	5.68	2.24	5.63				
September	7.08	8.38	5.79	4.04	.17	1.39	4.25	4.37				
October	4.47	5.42	3.95	6.97	3.52	3.53	2.75	2.92				
November	9.57	5.80	5.44	4.29	3.63	5.48	1.72	2.60				
December	1.21	8.89	3.03	5.03	4.57	5.74	5.27	5.08				
TOTALS	(64.00)	52.27	(54.23)	48.04	47.33	(36.70)	37.51	43.94	No Reply			

1890 House 22 ft high

N

Tree 22 " " 22 ft

N E

1890 June 1 Gauge moved $\frac{3}{8}$ mile N.N.W. from Rosemount

1892 June 1 Gauge moved $\frac{1}{4}$ mile S.E. to Dalgleman

1895 June 1 " " $\frac{2}{3}$ mile ENE to Victoria Road + placed rather close to the back of a terrace of houses.

RAINFALL AT *Helensburgh Water Works*

Lat.

Lon.

County of *Dumbarton*

Rain Gauge, by

Observer

J. R. Wilson Esq

7 in of Clyde - 2.

Diameter	<i>6</i>										
Height	<i>0 6</i>										
Altitude	<i>300</i>										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	<i>8.67</i>	<i>3.90</i>	<i>4.30</i>	<i>2.10</i>	<i>6.20</i>	<i>1.82</i>	<i>3.11</i>	<i>1.40</i>	<i>3.72</i>	<i>7.54</i>	<i>4.276</i>
February	<i>1.17</i>	<i>1.51</i>	<i>2.33</i>	<i>4.80</i>	<i>9.65</i>	<i>.48</i>	<i>2.30</i>	<i>2.54</i>	<i>3.42</i>	<i>2.98</i>	<i>3.118</i>
March	<i>4.03</i>	<i>3.11</i>	<i>1.33</i>	<i>2.00</i>	<i>3.59</i>	<i>2.92</i>	<i>4.64</i>	<i>4.94</i>	<i>1.55</i>	<i>4.62</i>	<i>3.273</i>
April	<i>1.47</i>	<i>1.89</i>	<i>1.21</i>	<i>1.72</i>	<i>1.52</i>	<i>2.32</i>	<i>2.06</i>	<i>1.56</i>	<i>3.77</i>	<i>3.79</i>	<i>2.131</i>
May	<i>2.10</i>	<i>2.10</i>	<i>4.82</i>	<i>2.74</i>	<i>2.19</i>	<i>.26</i>	<i>.68</i>	<i>2.37</i>	<i>1.82</i>	<i>3.17</i>	<i>2.225</i>
June	<i>5.08</i>	<i>1.44</i>	<i>4.20</i>	<i>2.02</i>	<i>2.90</i>	<i>2.50</i>	<i>3.25</i>	<i>6.50</i>	<i>3.05</i>	<i>1.98</i>	<i>3.292</i>
July	<i>3.79</i>	<i>1.12</i>	<i>2.90</i>	<i>3.63</i>	<i>3.55</i>	<i>4.12</i>	<i>4.78</i>	<i>2.22</i>	<i>1.41</i>	<i>3.08</i>	<i>3.060</i>
August	<i>3.59</i>	<i>5.46</i>	<i>9.20</i>	<i>4.90</i>	<i>4.55</i>	<i>7.39</i>	<i>2.10</i>	<i>5.89</i>	<i>5.98</i>	<i>1.06</i>	<i>5.012</i>
September....	<i>8.20</i>	<i>8.08</i>	<i>5.93</i>	<i>3.70</i>	<i>.20</i>	<i>1.87</i>	<i>4.22</i>	<i>4.08</i>	<i>6.68</i>	<i>4.80</i>	<i>4.776</i>
October	<i>3.75</i>	<i>4.40</i>	<i>3.80</i>	<i>6.30</i>	<i>3.20</i>	<i>3.32</i>	<i>2.40</i>	<i>2.69</i>	<i>3.52</i>	<i>3.98</i>	<i>3.736</i>
November	<i>8.30</i>	<i>4.55</i>	<i>4.63</i>	<i>3.51</i>	<i>3.68</i>	<i>6.57</i>	<i>1.60</i>	<i>2.73</i>	<i>5.22</i>	<i>3.90</i>	<i>4.469</i>
December	<i>1.19</i>	<i>8.30</i>	<i>2.79</i>	<i>(5.75)</i>	<i>4.12</i>	<i>4.80</i>	<i>5.47</i>	<i>4.72</i>	<i>7.38</i>	<i>4.86</i>	<i>(4.938)</i>
TOTALS	<i>51.34</i>	<i>45.86</i>	<i>47.44</i>	<i>(43.17)</i>	<i>45.35</i>	<i>38.37</i>	<i>36.61</i>	<i>41.64</i>	<i>47.52</i>	<i>45.76</i>	<i>(44.306)</i>

1893 Decr. gauge under repair amount computed

RAINFALL AT Arrochar

Lat. Lon. County of Dumbarton

Rain Gauge, by Observer Rev J Dewar
7th of Clyde - 2.

Diameter	5										
Height	0 9										
Altitude	12										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.55	4.93	6.24	4.77	14.30	2.04	3.23	1.50	6.72	10.30	6.758
February	1.91	4.52	5.09	9.43	14.10	.88	4.01	5.72	8.61	5.75	6.002
March	7.93	6.18	2.10	2.59	7.30	5.56	10.62	10.02	2.25	5.67	6.022
April	2.39	2.55	2.85	3.16	3.90	4.80	3.78	5.00	5.15	4.80	3.838
May	5.60	2.05	6.27	3.77	3.58	.82	.94	2.22	2.25	3.41	3.091
June	7.80	2.35	5.10	2.68	4.60	2.26	5.24	5.74	4.89	2.23	4.289
July	7.18	5.15	5.09	7.12	5.19	5.92	6.83	4.53	2.10	3.87	5.298
August	4.89	7.20	11.15	6.46	2.60	8.01	3.64	9.29	6.76	2.13	6.213
September....	11.62	10.33	9.94	6.93	.06	3.15	6.13	5.35	9.07	5.05	6.763
October	8.81	12.87	7.95	8.77	4.82	3.55	4.85	4.86	6.23	6.45	6.916
November....	13.35	7.74	8.65	7.30	10.50	9.63	4.15	6.12	7.04	8.23	8.271
December	3.65	11.96	4.59	10.34	7.60	2.52	10.52	9.90	12.95	5.36	7.939
TOTALS	88.68	77.83	75.02	73.32	78.55	49.14	63.94	70.25	74.02	63.25	71.400

1890 Arrochar Church 1/4 Mile NE
Trees 20 to 40 ft high 18 ft SW 1880 -
Gauge moved 1st Jan'y. 20 yards S

RAINFALL AT Dumbarton Leven Shipyard

Lat. _____ Lon. _____ County of Dumbarton

Leven Rain Gauge, by _____ Observer Messrs Denny Bros.
Clyde - 3.

Diameter	5										
Height	1 0										
Altitude	21 T		9								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.54	3.87	3.94	2.72	7.56	1.66	3.38	1.75	3.30	7.94	4.466
February ....	.89	.67	2.46	4.83	10.84	.59	2.83	4.07	4.55	3.43	3.516
March	3.07	4.65	.94	1.77	3.70	2.82	6.25	5.96	1.70	4.24	3.510
April	1.92	2.15	1.20	1.70	1.94	2.71	2.48	3.28	3.41	4.13	2.492
May	2.99	2.27	3.95	2.40	2.36	.31	.79	2.83	1.60	3.19	2.269
June	4.99	1.38	3.74	2.30	2.37	1.66	3.69	6.74	2.45	2.21	3.153
July	3.11	1.26	2.46	3.26	2.25	3.85	4.24	2.10	1.41	3.53	2.747
August	3.18	5.37	7.58	3.84	3.94	6.97	2.42	7.13	6.03	1.48	4.794
September	4.93	5.33	5.59	2.65	.13	1.45	5.26	3.75	4.55	4.36	3.800
October	3.26	5.68	4.32	5.38	4.29	3.14	4.37	2.96	3.85	4.11	4.136
November	8.22	4.88	5.60	3.90	3.96	6.27	1.61	2.92	6.39	6.91	5.066
December	1.07	8.84	2.07	6.48	4.74	6.03	6.18	6.46	7.47	4.07	5.341
TOTALS	46.17	46.35	43.85	41.23	48.08	37.46	43.50	49.95	46.71	49.60	45.290

1890 Dumbarton Church 1000 ft W
House 30 ft high 55 ft ESE

RAINFALL AT *Kirkintilloch Newdyke*

Lat. Lon. County of *Dumbarton*
Rain Gauge, by Observer *Mr G Mc Dougall*
Clyde, Rbank - 4 . *Col J. S. Stirling*

Diameter									5		
Height									1 - 8		
Altitude									200T		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										6.09	
February										1.94	
March										3.36	
April										4.29	
May										4.99	
June									# 2.51	2.47	
July									1.38	3.79	
August									5.53	1.08	
September....									5.47	4.16	
October									5.42	4.45	
November....									4.85	5.42	
December									5.43	4.06	
TOTALS										46.10	

Kirkintilloch Church 1 mile N.
Sledge 3ft high 20ft W

RAINFALL AT *New Kilpatrick Chesters*

Lat.

Lon.

County of

Dumbarton

Rain Gauge, by

Observer

J. Kennedy Esq

Clyde, R. bank - 14.

Diameter	5										
Height	10										
Altitude	240 T				245						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.45	3.57	3.20	2.13	5.48	1.71	2.76	1.49			
February	85	.86	2.80	4.71	10.44	.36	2.40	2.94			
March	2.70	3.27	.95	2.08	2.64	2.50	4.71	4.34			
April	2.25	1.74	.90	1.70	1.77	2.00	2.41	1.75			
May	2.81	2.73	4.53	2.72	3.23	.59	.70	2.25			
June	4.35	2.24	4.69	1.73	2.92	1.94	3.95	7.02			
July	4.21	1.70	2.21	3.20	3.73	3.97	3.97	2.34			
August	4.65	5.34	6.98	3.26	4.68	6.95	1.91	5.88			
September....	6.37	5.31	5.28	2.63	.13	1.42	4.79	4.05			
October	3.43	4.12	4.85	5.03	3.89	3.37	3.53	2.24			
November	7.35	4.39	4.98	4.15	2.98	5.28	1.55	2.95			
December	1.52	6.88	2.51	5.10	3.87	5.25	5.36	6.55			
TOTALS	46.95	42.15	43.88	38.44	45.76	35.34	38.04	43.80			

1890 New Kilpatrick Church 1 Mile NE

Shrub 4 ft 6 in high 10 ft NE

1893 Gauge moved 1st January 45 yards N.W.

RAINFALL AT *Falkirk, Inglewood, Laureston*

Lat.

Lon.

County of *Stirling*

Rain Gauge, by

Observer *W. Ballantine Esq**Form, R. bank - 1.*

Diameter							5				
Height							1.3				
Altitude							133				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							# 1.86	1.35	2.31	6.13	
February							1.48	2.97	2.51	2.18	
March							3.54	4.87	1.54	3.64	
April							1.85	1.51	2.30	3.03	
May .....							.59	2.35	1.57	5.16	
June							4.73	4.55	2.00	1.72	
July							3.98	.97	.81	3.48	
August							2.04	4.81	3.35	.95	
September....							4.69	2.46	4.61	3.04	
October							3.08	1.44	5.81	3.77	
November....							.92	3.49	5.44	4.40	
December							5.32	5.11	6.06	3.61	
TOTALS							34.08	35.88	38.31	41.11	

*Falkirk Ch. 1 1/2 miles W**House 30 feet high 140 feet North**Tees " " " " " South*

RAINFALL AT Falkirk, Westbank

Lat.

Lon.

County of Stirling

Rain Gauge, by

Observer A. Nimmo Esq.

Fork, R. bank - 1.

Diameter				5							
Height				0 9							
Altitude				75							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				3.10	5.66	1.39	1.93	.93	2.41	6.74	
February				3.33	11.32	.43	1.52	2.80	2.73	2.24	
March				2.05	4.13	3.12	3.96	4.90	1.57	3.85	
April				1.09	1.63	1.67	1.48	1.76	2.16	3.86	
May				2.40	2.83	.76	.55	2.70	2.63	4.81	
June				1.24	3.13	1.28	4.14	4.54	1.60	1.19	
July				2.25	2.74	5.49	4.36	1.87	1.19	3.56	
August				2.59	4.54	6.71	2.33	4.20	4.15	.93	
September				1.36	.22	1.63	3.86	2.51	5.23	2.84	
October				3.78	3.92	3.08	3.41	1.72	5.85	4.02	
November				2.09	4.51	4.06	.98	3.40	5.14	4.88	
December				4.30	2.95	5.88	5.39	5.10	5.89	3.68	
TOTALS				29.58	47.58	35.50	33.91	36.43	40.55	42.60	

Recd 19. 11. 07

Sw. 26. XI. 08

RAINFALL AT Falkirk Kerse

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

Rain Gauge, by Observer C Brown Esq

Forth, R. bank - 1.

Diameter	8											
Height	10											
Altitude ....	...					18						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.20	2.60	1.90	1.40	5.30	1.10	1.40	1.00	1.90	6.10	2.890	
February ....	.60	.30	2.30	3.80	9.60	.10	1.40	2.70	2.30	2.10	2.520	
March	2.00	2.70	.90	.50	3.40	2.90	2.90	4.20	1.10	3.10	2.370	
April.....	1.10	.50	.40	.90	1.20	1.90	1.20	1.50	1.90	3.60	1.420	
May	1.60	1.50	3.60	1.90	2.20	2.10	.40	2.20	2.40	4.00	2.190	
June	2.60	.60	3.20	1.40	2.80	1.20	3.80	4.90	1.90	1.70	2.410	
July	2.80	2.20	1.30	1.20	2.70	4.20	3.70	1.60	.80	3.10	2.360	
August	3.30	4.70	7.20	2.30	4.50	6.10	2.00	4.20	3.50	1.00	3.880	
September....	2.90	4.40	3.00	1.50	.00	1.40	3.20	2.10	4.20	3.20	2.590	
October.....	2.00	2.20	3.60	3.20	4.20	2.40	2.80	1.40	5.20	2.20	2.920	
November....	5.90	2.40	2.60	1.50	2.60	3.40	.60	3.00	4.70	4.60	3.130	
December	1.60	6.20	1.30	3.30	2.50	4.20	4.60	4.70	5.50	3.30	3.720	
TOTALS	32.60	30.30	31.30	22.90	41.00	31.00	28.00	33.50	35.40	38.00	32.400	

1897 Grangemouth Ch 1330 yards NE
Fruit Trees 10 to 12 ft high 15 ft small sides but wide apart 1860 -

RAINFALL AT Falkirk Kerse

Lat. Lon. County of Stirling

Rain Gauge, by Observer C Brown Esq
New Gauge Forth, R. bank - 1.

Diameter								5			
Height								10			
Altitude								18			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								# (1.00)	1.97	5.68	
February								2.71	2.49	2.12	
March								4.32	1.16	3.16	
April								1.51	1.92	3.73	
May								2.24	2.40	3.97	
June								4.97	1.95	1.72	
July								1.60	.90	3.20	
August								4.40	3.54	.99	
September								2.20	4.21	3.27	
October								1.46	5.34	2.36	
November								2.76	4.82	4.56	
December								4.73	5.50	3.24	
TOTALS								33.90	36.20	38.00	

1897 Grangemouth Ch 1330 yards NE

14 Jan New Gauge fixed January value from Old Gauge
 Fruit Trees 10 to 12 ft high 15 ft on all sides but wide apart

RAINFALL AT *Banton by Bonnybridge Craigdounie*
 Lat. *56° 0' 15"* Lon. *4.0.15* County of *Stirling*
 Rain Gauge, by _____ Observer *J J Cadell Esq*
Form. Rebuilt - 1.

Diameter						5					
Height						6					
Altitude						715					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							1.68	2.33	5.58	7.82	
February						4.55	3.76	4.43	5.66	2.51	
March							5.39	6.42	3.33	2.59	
April						3.00	2.55	2.61	4.03	5.36	
May .....						.66	.83	2.89	1.87	4.51	
June						1.72	5.60	6.55	3.29	3.03	
July						5.43	4.36	2.80	2.17	4.40	
August						7.93	2.54	5.49	3.15	1.17	
September....						3.35	5.37	4.92	8.29	5.49	
October						4.03	4.59	2.48	7.82	6.13	
November....					<i>#</i> 5.00	4.72	2.42	4.94	7.50	7.13	
December					4.26	8.31	7.69	6.77	9.44	4.96	
TOTALS						43.70	46.78	52.63	62.13	55.10	

1897 Kilsgth 3 1/2 miles

RAINFALL AT *Little Denny*

Lat.

Lon.

County of *Stirling*

Rain Gauge, by

Observer *Col Stirling**Fork, R. bank - 1.**W. W. Neilson Esq. Cl.
C. Massie Esq.*

Diameter									8		
Height							4 6		2 0		
Altitude							315				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				2.80	5.40		2.70	1.47	2.90	4.50	
February				5.10	14.40	3.50	3.70	3.53	2.50	2.00	
March				1.60	3.10		5.40	4.28	1.15	2.90	
April				1.20	2.00	2.00	1.60	1.62	2.50	4.10	
May				2.70	3.00	.80	.70	1.58	1.80	4.39	
June				2.40	3.00	.80	5.70	5.80	1.76	2.20	
July				3.00	3.10	5.50	4.50	1.55	.97	3.65	
August				3.50	4.50	8.10	2.30	4.50	4.11	.92	
September....				2.10	.50	2.20	4.70	2.67	4.70	3.63	
October				4.40	5.30	3.50	3.50	1.71	4.70	2.80	
November....				2.10	3.00	4.30	1.50	3.52	4.15	3.90	
December				5.70	3.00	5.70	6.00	4.50	5.03	2.56	
TOTALS				36.60	50.30	36.40	42.30	36.68	36.27	37.55	39.00 *

*Jan. and Feb. gauge frozen.**1895 The amount for the first three months is rather small
probably the gauge failed to retain all the snow**1898 Denny Church 1 1/2 miles E*** Computed from Falkirk, Kerse and
Polmaise Gardens.*

RAINFALL AT Little Denny Filters

Lat. Lon. County of Stirling

Rain Gauge, by Form, R. bank - 1. Observer W. W. Neilson Esq. CL
C. Macrie Esq.

Diameter									8		1
Height									20		
Altitude									240		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								1.44	3.24	4.70	
February								3.96	3.23	1.90	
March								4.20	1.35	2.95	
April								2.02	2.80	4.20	
May								2.31	1.75	4.80	
June								5.92	1.90	2.20	
July								1.95	1.00	3.88	
August								4.83	4.45	1.00	
September								3.04	5.04	4.10	
October								1.17	5.02	3.26	
November								3.34	4.50	4.15	
December								4.95	5.20	3.00	
TOTALS								39.13	39.48	40.14	

RAINFALL AT

Larbert Canon Park

Lat. $56^{\circ} 1' 30''$ N

Lon. $3^{\circ} 48' 26''$ W

County of

Stirling

Rain Gauge, by

Observer

J. J. Cadell Esq

Forth. Rank - 1.

Diameter			5								
Height			4							6	
Altitude			80								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				1.11	5.07	1.28	1.73	.66	2.19	6.32	
February				4.21	10.05	.41	1.32	2.86	2.54	1.61	
March			# 53	1.06	3.14	2.28	1.37	3.95	1.49	2.95	
April			1.70	.93	1.39	1.73	3.29	1.51	2.43	3.26	
May			3.39	1.75	2.25	.60	.58	1.62	1.95	4.24	
June			3.77	1.47	2.24	1.04	3.72	4.88	2.84	1.90	
July			1.66	2.38	2.73	4.84	4.31	.93	.80	3.60	
August			6.96	2.60	4.07	6.81	2.27	4.27	3.83	.79	
September			3.09	1.61	.13	1.56	3.27	2.37	4.65	1.47	
October			4.11	3.40	3.90	2.74	2.98	1.76	4.55	4.16	
November			2.75	1.73	2.37	3.89	.68	1.37	4.54	3.92	
December			2.04	4.20	2.94	4.61	5.75	4.20	4.68	3.26	
TOTALS				26.45	40.28	31.79	31.27	30.38	36.49	37.48	33.00 *

1897 Larbert Church $1\frac{1}{4}$ miles W

1900 Jan. 5-36, Feb. 1-40.

* Computed from Falkirk House and Polmaise gardens.

RAINFALL AT St. Ninians Falls, Fife

Lat.

Lon.

County of Stirling

Rain Gauge, by

Observer Col. StirlingTom. R. Bank - 1.W.W. Melleon Esq. Ch.C. M. M. Esq.

Diameter									8		
Height							4 6		2 0		
Altitude							737		713		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				3.90	7.20		2.70	1.87	3.15	7.00	
February				6.10		5.25	2.70	4.13	2.55	2.30	
March				2.10			4.70	4.85	1.30	3.31	
April				1.20	2.40	3.70	2.20	2.16	3.50	4.60	
May				3.10	3.70	1.50	.80	2.00	2.20	5.33	
June				2.00	3.30	1.50	5.80	6.22	2.15	2.63	
July				2.40	3.00	5.60	5.00	1.95	1.10	3.20	
August				3.60	5.80	8.50	2.10	6.63	4.75	1.10	
September....				2.30	.60	2.30	6.20	3.30	5.50	4.11	
October				5.00	5.60	3.40	3.20	2.57	4.80	4.00	
November....				2.10	5.10	5.50	2.30	3.70	5.40	5.15	
December				6.80	3.60	5.30	6.40	6.63	7.00	3.50	
TOTALS				40.60		42.55	44.10	46.01	43.40	46.23	

1894 February & March gauge out of order.

1898 Denny Church 6 miles E

1895 Jan & Feb. gauge frozen.

RAINFALL AT

Earlsburn Reservoir

Lat.

Lon.

County of

Stirling

Rain Gauge, by

Observer

Col Stirling

Falk, Rbank - 1.

W.W. Neilson Esq. C.B.

W.W. Neilson Esq. C.B.

Diameter									8		
Height							4.6		2.0		
Altitude							1205				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				2.80	8.90		3.00	2.00	4.15	7.70	
February				6.10	14.80		6.00	2.60	6.50	3.00	3.70
March				1.70	4.50		4.10	6.50	1.83	3.60	
April				1.40	2.80	4.70	1.80	3.40	4.30	4.75	
May				2.70	4.70	1.10	.90	3.20	2.64	5.62	
June				3.90	4.20	2.70	6.70	6.09	2.90	3.50	
July				4.00	3.30	6.10	5.60	2.50	1.57	3.74	
August				4.90	5.70	9.10	3.20	7.42	4.70	1.85	
September....				3.30	70	3.30	7.30	4.30	5.80	5.06	
October				7.00	5.40	3.80	3.30	3.74	5.85	5.60	
November....				3.50	5.50	7.20	3.20	4.78	7.50	8.40	
December				7.90	3.70	5.60	6.50	7.23	8.90	4.20	
TOTALS . . .				49.20	64.20	49.60	48.20	57.66	53.14	57.72	

1898 St. Ninian Church 6 miles N

1895. Jan. + Feb. gauge frozen.

RAINFALL AT *Stirling Touch Reservoir*

Lat.

Lon.

County of

Stirling

Rain Gauge, by

Observer

Col Stirling

Forth. R. bank - 1.

Diameter												
Height												
Altitude							700	760				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January				2.40	6.90	1.10	2.30	1.90	2.93	7.82		
February				5.90	11.05	.25	2.00	3.97	2.98	3.31		
March				1.80	5.15	3.25	4.70	5.16	1.11	3.11		
April .....				.70	2.65	3.30	1.83	3.03	3.36	4.22		
May				2.35	3.60	1.25	.70	2.40	2.39	4.75		
June				2.45	1.60	2.75	5.64	6.07	2.10	2.27		
July				2.85	2.85	6.00	5.11	1.71	1.22	3.41		
August				4.25	4.80	8.50	2.54	6.14	4.87	1.50		
September				2.15	.35	1.55	5.90	3.29	4.73	3.80		
October				4.50	3.65	3.55	3.84	3.40	4.25	3.22		
November				3.75	4.85	6.80	1.37	3.91	5.68	7.50		
December				5.30	4.40	5.37	6.28	6.34	6.83	3.59		
TOTALS				37.90	51.85	43.67	42.21	47.32	42.45	48.50	(44.00)*	

* Computed from Polmaise Gdns, Buchlyvie,
The Manse & Kippencross.

RAINFALL AT Stirling Waterworks, No. 3. Reservoir.

Lat.

Lon.

County of

Rain Gauge, by

Observer A. H. Goudie Esq. CE.

Forth, Rbank - 1.

Diameter												
Height												
Altitude												
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January												
February												
March												
April												
May												
June												
July												
August												
September....												
October												
November....												
December												
TOTALS . . .	45.28	46.96	48.91	37.91								

1872-93 (Totals) Received IX.13. Entered 17.XI.1913.

average computed x11/36 from records 1881-1893 rejects as 4" low.

- ref. survey.

RAINFALL AT *Stirling Polmaise Gardens*

Lat. Lon. County of *Stirling*

Rain Gauge, by Observer *Mr W.W. Ritchie*
70th, R. bank - 1.

Diameter	6										
Height	10				13						
Altitude	12										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.90	3.20	2.54	1.45	6.45	1.41	1.80	1.59	2.05	6.23	3.462
February ....	.50	.35	1.26	3.86	11.47	.13	1.37	2.65	2.45	3.05	2.709
March	1.90	2.31	.75	.95	3.29	2.26	3.24	5.05	.75	3.20	2.370
April	1.15	1.06	.60	.60	1.98	2.08	1.42	1.68	2.55	3.62	1.674
May	1.95	1.07	3.38	1.35	2.02	.41	.33	2.01	2.25	4.35	1.912
June	2.50	1.04	3.70	1.27	2.47	2.92	3.77	5.21	2.20	2.95	2.803
July	3.20	1.80	1.30	2.00	2.34	4.33	3.70	1.33	.70	3.50	2.420
August	3.30	5.70	6.40	3.13	3.91	5.95	2.05	6.05	3.60	1.30	4.139
September	3.11	4.40		1.90	.10	1.47	3.90	2.21	3.20	3.01	5.690
October	2.00	3.70	7.80	2.10	3.53	2.26	2.95	1.74	4.22	3.30	
November	6.15	4.55	3.57	1.95	2.50	3.95	.62	3.11	4.88	3.80	3.508
December	1.00	4.90	1.25	4.40	3.75	4.25	4.99	5.05	5.45	4.01	3.905
TOTALS	34.66	34.08	32.55	24.96	43.81	31.42	30.14	37.68	34.30	42.32	34.592

1890 *St Ninians Church 3 miles SW*
Strawberry 1 ft high all round gauge 1880 -

RAINFALL AT Stirling Victoria Place

Lat.

Lon.

County of Stirling

Rain Gauge, by

Observer Mr R Kidston

Forth, R bank - 1.

Diameter		5									
Height		2.10									
Altitude		100									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		* 3.40	2.56	1.90	7.11	1.45	2.02	1.63	2.37	6.78	
February ....		.31	1.54	4.33	9.70	.25	1.60	3.25	2.25	3.49	
March		1.87	.99	1.27	4.61	2.33	3.60	4.80	.98	3.73	
April .....		.73	.73	.82	2.05	2.33	1.70	2.43	2.78	3.61	
May		2.36	3.97	2.01	2.50	.70	.64	1.72	1.84	4.34	
June .....		.94	4.02	1.77	2.65	2.22	4.51	6.47	2.62	1.99	
July		1.80	1.73	2.41	2.71	4.81	4.17	1.19	.83	3.81	
August		6.22	7.29	3.74	3.98	5.94	2.16	6.59	3.74	2.42	
September....		6.08	3.75	1.38	.14	2.50	4.77	2.25	3.77	2.98	
October		4.71	4.38	3.11	3.87	2.70	3.33	2.54	4.09	2.96	
November		3.70	4.13	2.27	3.20	5.08	.76	3.29	5.24	6.56	
December		7.52	1.60	4.73	3.65	4.48	5.88	5.71	4.41	4.99	
TOTALS	38.50	39.64	36.69	29.74	46.17	34.79	35.14	41.87	34.92	47.66	(38.512)

1890 Computed from Polmaise Gardens.

RAINFALL AT *Stirling Causewayhead Road*

Lat.

Lon.

County of

Stirling

Rain Gauge, by

Observer

Mr. G. Mc Dougall

From, Rank - 1.

Diameter				5							
Height				1 - 6	1 8						
Altitude				13	14						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					7.99	1.41	1.83				
February					12.74	.27	1.38				
March					2.93	2.27	3.25				
April					1.79	2.30	1.61				
May					2.53	.64	.63				
June					2.09	2.74	4.22				
July					2.53	4.27	3.87				
August					3.90	6.40	2.28				
September....				#	1.45	.16	1.94	3.88			
October					4.24	3.15	2.72	3.19			
November....					3.43	2.76	4.70	.76			
December					6.90	3.44	3.56	5.15	#		
TOTALS . . .					46.01	33.22	32.05				

1894 *Stirling Church 1 mile S.S.W*
Hedge 3 ft 6 in high 15 ft N

RAINFALL AT *Buchlyvie The Manse*

Lat.

Lon.

County of *Stirling*

Rain Gauge, by

Observer *Rev J. A. Macdonald*

Forth, R. bank - 1.

Diameter	5											
Height	1 3											
Altitude	118 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	9.86	3.97	4.33	3.04	8.99	2.09	3.02	1.93	5.17	8.13	5.053	
February	1.32	1.23	3.05	6.40	13.21	.60	3.08	4.32	4.95	3.32	4.148	
March	3.79	3.56	1.34	2.01	4.66	3.03	5.33	6.18	2.05	4.96	3.691	
April	1.58	2.12	.90	1.42	1.54	3.05	2.71	2.60	4.72	4.43	2.507	
May	3.71	2.33	4.96	2.65	2.35	.99	.89	2.62	2.35	4.63	2.748	
June	4.42	1.52	5.19	2.19	3.76	2.99	5.44	6.99	2.77	2.03	3.730	
July	4.82	2.09	3.01	2.91	3.77	5.19	3.30	2.67	1.51	4.56	3.383	
August	3.71	6.13	9.48	3.42	4.40	7.48	2.93	6.03	6.27	1.73	5.158	
September....	6.46	6.30	6.73	3.07	.21	1.92	4.97	4.09	5.92	4.88	4.455	
October	3.50	5.49	3.97	5.86	4.04	3.12	4.25	2.78	5.07	4.68	4.276	
November....	9.27	4.66	5.23	3.45	3.80	6.79	1.90	4.48	6.41	8.01	5.400	
December	1.28	8.95	2.84	6.58	3.40	5.74	7.62	6.50	9.89	5.24	5.804	
TOTALS	53.72	48.35	51.03	43.00	54.13	42.99	45.44	51.19	57.08	56.60	50.353	

1890 *Buchlyvie Church* ³⁶50ft SW
 1896 *Jan 1st Gauge moved* 24ft NE
Buchlyvie Ch 60ft S.W.

RAINFALL AT Gargunnoch

Lat. Lon. County of Stirling

Rain Gauge, by Observer Col J S Stirling
Fork, Rbank - 1.

Diameter			5								
Height			5.8								
Altitude			85								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			#3.58	2.92	8.97	1.82	2.53	1.75	3.04	7.53	
February			2.06	5.73	12.55	.40	2.00	3.62	3.84	3.46	
March			1.29	1.58	4.83	2.83	5.21	5.82	1.27	3.76	
April			1.00	1.02	2.27	2.91	2.41	3.47	3.61	4.31	
May			3.64	2.22	2.90	.63	.64	2.43	2.51	4.16	
June			4.87	2.05	2.90	3.05	4.93	5.43	2.62	2.21	
July			1.99	2.53	2.97	5.48	3.97	1.82	1.11	3.53	
August			9.13	4.37	4.21	7.20	2.60	6.11	5.07	1.55	
September....			5.28	2.06	.28	1.56	4.90	3.12	4.15	3.20	
October			4.55	3.87	3.81	3.22	3.80	3.16	3.78	3.46	
November			4.68	2.98	4.06	6.63	1.28	3.84	5.27	7.13	
December			1.78	6.56	4.15	5.44	6.55	7.31	7.36	4.01	
TOTALS			43.85	37.89	53.90	41.17	40.82	47.88	43.63	48.31	

1892 Gargunnoch Church 3/4 mile W
1897 Tree 30ft high 40ft N

RAINFALL AT *Kippen Garden House*

Lat.

Lon.

County of *Stirling*

Forth. R. bank - 1.

Rain Gauge, by

Observer

Col J. S. Stirling

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				2.01		1.65	3.56	2.67	3.76	6.64	
February				6.00		.35	2.97	3.89	4.70	3.05	
March				1.70		3.13	5.33	6.80	1.65	1.32	
April				1.58		3.16	1.91	2.07	4.40	2.52	
May				2.38		.92	1.22	2.68	1.67	4.70	
June .....				.86		4.20	4.63	(6.81)	3.13	.49	
July				3.86		4.91	3.11	2.80	1.45	5.36	
August				3.35		5.17	3.26	4.29	4.84	.38	
September....				1.86		5.07	4.30	3.23	4.32	3.51	
October				6.76		2.87	4.00	3.10	6.30	5.71	
November....				2.90		7.01	2.48	3.30	6.06	7.88	
December				6.85		5.27	7.09	5.01	10.04	5.03	
TOTALS				40.11	56.28	43.71	43.86	(46.65)	52.32	46.59?	

RAINFALL AT Kippen Arngomery

Lat. Lon. County of Stirling

Rain Gauge, by Observer Col J. S. Stirling
Forth. Rank - 1. Mr. P. McIlwain

Diameter											
Height							42				
Altitude							150				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							2.48	1.47	3.26	7.92	
February							2.37	4.00	5.40	3.53	
March							4.51	6.14	1.88	3.60	
April							2.84	1.80 1.95	4.10	4.16	
May .....							.79	1.63 1.38	2.79	5.44	
June							4.48	6.29	2.36	2.79	
July							4.11	3.54	1.11	4.45	
August							2.50	4.67	4.53	1.47	
September							3.63	3.28	6.63	3.49	
October							3.68	3.48	4.93	4.32	
November							2.37	4.20	6.36	7.40 7.43	
December							6.93	6.69	8.39	4.01 4.03	
TOTALS							40.69	46.19 46.09	51.74	52.58 52.63	

Corrections sent by Observer February 1902

RAINFALL AT Ben Lomond H. of Duchray Valley

Lat. _____ Lon. _____ County of Stirling

Rain Gauge, by _____ Observer J. M. Gale Esq. Cl.
For M. R. bank - 1.

Diameter											
Height											
Altitude	1800										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	15.60	8.50	7.00	6.20	15.60		5.10	1.80	9.30	10.10	
February	2.40	2.80	3.40	5.50	20.20	9.80	5.80	8.50	8.30	9.30	21.590
March	8.00	7.80	1.80	2.90	9.20		7.80	10.50	3.70	9.00	
April	3.50	3.30	2.40	2.10	3.50	6.00	3.70	6.00	7.60	7.60	4.570
May	4.80	3.70	7.10	4.50	3.60	.70	.80	4.50	3.20	4.60	3.750
June	6.70	4.20	7.90	3.40	3.70	3.30	6.00	7.10	4.40	5.30	5.200
July	6.70	2.80	4.50	6.00	5.30	7.30	7.20	4.80	4.10	9.60	5.830
August	5.90	10.80	10.20	8.60	4.90	12.60	5.10	12.30	10.30	3.80	8.450
September	8.70	12.00	10.10	5.00	.00	4.00	8.30	6.30	7.60	9.00	7.100
October	6.70	10.50	6.50	10.40	5.50	4.00	4.50	6.10	6.90	12.30	7.340
November	13.90	8.30	7.60	6.50	10.70	11.20	3.60	7.50	8.90	18.10	9.630
December	1.90	11.70	6.00	11.60	8.90	10.10	10.80	10.80	20.00	6.80	9.860
TOTALS	84.80	86.40	74.50	72.70	91.10	69.00	68.70	86.20	94.30	105.50	83.320

Defective in winter throughout es. vii 13 1880

RAINFALL AT Strathblane, Blanefield

Lat.

Lon.

County of Stirling

Rain Gauge, by Clyde, ~~Leven~~ - 4.

Observer Glasgow Corpⁿ W.W.
(Messrs. Sutherland)

Diameter									8		
Height									10		
Altitude									250		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September....											
October											
November....											
December											
TOTALS									57.60	57.95	

acc^d 1-16 ent^d 8-1-16

RAINFALL AT *Strathblane Duntreath*

Lat.

Lon.

County of *Stirling*

Rain Gauge, by

Observer

W. D. Brough R.G.R.
Dr Buchanan

Clyde, level - 4.

Diameter											
Height											
Altitude					<i>204</i>						
Year	<i>1890</i>	<i>1891</i>	<i>1892</i>	<i>1893</i>	<i>1894</i>	<i>1895</i>	<i>1896</i>	<i>1897</i>	<i>1898</i>	<i>1899</i>	MEANS.
January						<i>2.46</i>	<i>3.60</i>	<i>2.03</i>			
February						<i>.59</i>	<i>2.89</i>	<i>4.95</i>			
March					<i>5.71</i>	<i>5.44</i>	<i>6.90</i>	<i>7.12</i>			
April					<i>2.06</i>	<i>4.17</i>	<i>1.93</i>	<i>3.42</i>			
May					<i>3.24</i>	<i>.82</i>	<i>.62</i>	<i>2.23</i>			
June					<i>3.69</i>	<i>1.97</i>	<i>4.99</i>	<i>6.63</i>			
July					<i>4.50</i>	<i>4.32</i>	<i>3.67</i>	<i>2.93</i>			
August					<i>3.94</i>	<i>9.43</i>	<i>2.13</i>	<i>8.42</i>			
September....					<i>.15</i>	<i>2.28</i>	<i>5.79</i>	<i>4.50</i>			
October.....					<i>5.01</i>	<i>3.40</i>	<i>5.57</i>	<i>2.22</i>			
November....					<i>5.33</i>	<i>7.10</i>	<i>1.94</i>				
December					<i>5.50</i>	<i>6.92</i>	<i>8.59</i>				
TOTALS . . .						<i>48.90</i>	<i>48.62</i>				

RAINFALL AT *Killlearn Old Ballikinrain*

Lat. Lon. County of *Stirling*

Rain Gauge, by Observer *Mr J Smith*
Clyde, Level - 4.

Diameter	5										
Height	0 6										
Altitude	265										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.99	4.79	4.48	4.40	9.59	2.06					
February	1.04	1.06	2.89	6.72	13.64	.36					
March	3.77	5.01	.78	2.12	5.60	4.12					
April	2.06	2.54	1.31	1.36	2.53	4.36					
May	3.67	2.42	4.46	2.48	2.75	.85					
June	4.76	1.82	5.21	3.14	3.22	2.46					
July	4.76	2.03	2.58	4.41	3.28	4.94					
August	2.95	5.25	8.04	3.84	5.69	8.35					
September....	5.42	7.80	7.34	3.43	.66	1.90					
October	5.72	7.19	5.35	6.36	4.87	3.38					
November....	10.78	6.55	5.58	3.81	5.66	7.32					
December	1.31	10.76	2.19	7.65	4.98	6.00 ¹¹					
TOTALS	56.23	57.22	50.21	49.72	62.47	(46.10)					

Dec 1895 estimated from Mugdock Res

RAINFALL AT Strathblane Mugdock Reservoir

Lat. _____ Lon. _____ County of Stirling

Rain Gauge, by _____ Observer Jm. Gale Esq. C.E.
Clyde, Rank - 5.

Diameter	8										
Height	0 6										
Altitude	320										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.40	3.90	3.90	2.95	6.70	2.20	3.70	2.15	4.70	7.00	4.460
February ....	.95	1.10	2.80	5.45	11.90	.80	2.70	3.95	3.90	2.20	3.545
March	3.50	4.50	1.15	2.60	3.13	3.90	4.90	5.60	2.90	4.70	3.688
April	2.20	2.00	1.10	1.30	1.87	2.20	2.80	2.20	3.30	3.70	2.267
May	3.25	2.20	4.90	3.10	3.30	.75	.55	2.50	1.90	5.25	2.770
June	5.35	1.33	4.60	2.90	3.30	1.95	4.75	6.90	3.60	1.75	3.643
July	5.30	2.10	3.40	3.20	3.55	4.45	3.64	2.75	1.65	3.25	3.329
August	4.05	6.75	7.35	3.50	4.65	7.75	2.21	6.70	5.95	1.10	5.001
September	7.65	6.80	6.00	3.30	10	2.30	5.40	4.40	5.90	5.95	4.780
October	4.65	4.00	5.10	5.40	4.00	3.90	4.00	2.45	4.40	4.65	4.255
November	8.20	4.50	4.60	4.40	3.80	6.50	2.35	3.90	5.50	6.90	5.065
December	1.30	7.70	3.20	5.75	4.25	5.80	6.55	7.10	6.40	4.60	5.265
TOTALS	53.80	46.88	48.10	43.85	50.55	42.50	43.55	50.60	50.10	51.05	48.098

18.70 —

RAINFALL AT *Banton Brickworks*

Lat. $55^{\circ} 59' 7''$

Lon. $4^{\circ} 0' 4''$

County of Stirling

Rain Gauge, by

Observer

Clyde, R. bank - 5.

[illegible]

RAINFALL AT Strathblane Craigend Castle

Lat. Lon. County of Stirling

Rain Gauge, by Observer Lt J Buchanan Bart.
Clyde, R. bank - 5.

Diameter	5											
Height	0 9											
Altitude	543 T											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	9.37	5.78	4.72	2.68	8.45	2.55	4.28	2.13	5.86	8.13	5.395	
February	1.06	1.77	3.49	6.90	13.55	.64	3.24	5.01	5.03	3.03	4.372	
March	4.66	4.17	1.55	2.72	4.43	4.67	6.83	6.23	3.07	4.81	4.314	
April	2.37	1.95	1.51	1.42	2.01	3.17	3.18	2.89	4.02	5.18	2.770	
May	3.57	3.02	5.64	3.34	3.40	.64	.81	3.21	2.43	3.99	3.005	
June	6.26	1.83	5.56	3.34	3.95	2.57	5.81	7.74	3.90	2.54	4.350	
July	6.39	2.09	3.26	3.48	3.42	4.70	4.30	3.33	1.78	4.22	3.697	
August	4.85	7.11	8.10	4.47	5.95	8.55	2.92	8.77	7.56	1.68	5.996	
September	8.05	9.20	8.90	3.30	.31	2.46	5.95	5.81	7.60	6.65	5.823	
October	5.19	5.45	5.78	7.30	4.92	4.39	5.43	2.99	6.25	5.65	5.335	
November	9.95	5.48	6.55	4.40	5.08	6.80	2.46	4.81	6.63	8.44	6.060	
December	1.76	9.00	3.09	7.27	5.48	7.00	7.63	7.97	8.20	6.52	6.392	
TOTALS	63.48	56.85	58.15	50.62	60.95	48.14	52.84	60.89	62.33	60.84	57.509	

1890 Strathblane 2 Miles NE
Garden Wall 18ft high 21ft N
Wall

RAINFALL AT Kingarth The Glen

Lat.

Lon.

County of

Bute

Rain Gauge, by

Observer

H. Hastings Esq

Bute -1.

Diameter	5										
Height	10										
Altitude ....	...	70	40	50	40						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.16	2.56	3.95	1.26	6.38	1.21	3.15		3.02		
February ....	.70	.44	1.72	3.33	8.38	.26	2.49		4.72		
March	2.93	2.87	.91	1.78	2.44	2.62	5.71		3.62		
April	1.62	1.34	1.18	2.08	2.35	3.36	2.75		3.31		
May	2.68	1.88	4.98	2.00	2.04	1.00	.89		2.10		
June	4.11	1.58	3.32	1.45	2.35	2.51	3.52		2.76		
July	3.17	.74	2.18	4.12	2.33	4.42	4.57		1.94		
August	2.17	4.02	7.08		2.43	5.43	2.28		5.82		
September....	4.56	5.09	4.52		.05	.92	4.56		4.45		
October	2.87	4.54	3.65		2.12	3.95	3.85		3.90		
November	7.56		4.82		3.89	6.14	2.07		4.09		
December	1.29		2.02		4.70	5.78	5.45		5.25		
TOTALS	39.82		40.33		39.46	37.60	41.29	imp	44.98		

1891 Nov. & Dec. no obs.

1892 Kingarth Church 2 1/2 miles N

1893 Aug to Dec. No observations owing to illness.

1899 Gauge under repair

RAINFALL AT *Rothesay Brighton Road*

Lat. _____ Lon. _____ County of *Bute*
 Rain Gauge, by _____ Observer *H. Lauder Esq*
Bute - 1.

Diameter	<i>5</i>											
Height	<i>4 0</i>											
Altitude	<i>97</i>											
Year	<i>1890</i>	<i>1891</i>	<i>1892</i>	<i>1893</i>	<i>1894</i>	<i>1895</i>	<i>1896</i>	<i>1897</i>	<i>1898</i>	<i>1899</i>	<i>MEANS.</i>	
January	<i>7.40</i>	<i>3.34</i>	<i>4.31</i>	<i>2.68</i>	<i>8.13</i>	<i>1.64</i>	<i>3.85</i>	<i>1.49</i>	<i>3.39</i>	<i>6.98</i>	<i>4.321</i>	
February	<i>.93</i>	<i>.78</i>	<i>2.60</i>	<i>4.74</i>	<i>9.74</i>	<i>.59</i>	<i>3.57</i>	<i>4.06</i>	<i>5.18</i>	<i>3.02</i>	<i>3.521</i>	
March	<i>3.85</i>	<i>3.96</i>	<i>.96</i>	<i>2.22</i>	<i>3.40</i>	<i>3.84</i>	<i>7.22</i>	<i>5.05</i>	<i>1.84</i>	<i>4.01</i>	<i>3.635</i>	
April	<i>1.99</i>	<i>1.78</i>	<i>1.97</i>	<i>3.00</i>	<i>1.97</i>	<i>3.21</i>	<i>3.06</i>	<i>3.06</i>	<i>3.95</i>	<i>5.11</i>	<i>2.910</i>	
May	<i>3.81</i>	<i>1.90</i>	<i>6.46</i>	<i>3.05</i>	<i>3.12</i>	<i>.47</i>	<i>.80</i>	<i>3.03</i>	<i>2.28</i>	<i>3.23</i>	<i>2.815</i>	
June	<i>6.00</i>	<i>2.70</i>	<i>4.12</i>	<i>1.46</i>	<i>3.36</i>	<i>2.37</i>	<i>3.57</i>	<i>6.07</i>	<i>3.63</i>	<i>2.44</i>	<i>3.572</i>	
July	<i>4.23</i>	<i>1.64</i>	<i>3.85</i>	<i>6.06</i>	<i>4.18</i>	<i>4.77</i>	<i>4.97</i>	<i>3.99</i>	<i>2.36</i>	<i>5.55</i>	<i>4.160</i>	
August	<i>3.54</i>	<i>6.86</i>	<i>9.07</i>	<i>4.53</i>	<i>4.91</i>	<i>7.00</i>	<i>3.67</i>	<i>6.60</i>	<i>5.71</i>	<i>2.42</i>	<i>5.431</i>	
September....	<i>7.27</i>	<i>5.00</i>	<i>7.18</i>	<i>3.78</i>	<i>.18</i>	<i>1.53</i>	<i>4.83</i>	<i>5.00</i>	<i>5.61</i>	<i>6.33</i>	<i>4.671</i>	
October	<i>4.53</i>	<i>6.75</i>	<i>4.01</i>	<i>6.83</i>	<i>3.51</i>	<i>4.59</i>	<i>2.83</i>	<i>2.52</i>	<i>4.02</i>	<i>3.81</i>	<i>4.340</i>	
November....	<i>9.75</i>	<i>4.96</i>	<i>7.03</i>	<i>3.93</i>	<i>5.90</i>	<i>6.81</i>	<i>2.85</i>	<i>3.76</i>	<i>5.07</i>	<i>5.46</i>	<i>5.552</i>	
December	<i>1.35</i>	<i>7.56</i>	<i>4.26</i>	<i>5.92</i>	<i>5.24</i>	<i>5.35</i>	<i>6.53</i>	<i>5.83</i>	<i>6.29</i>	<i>6.78</i>	<i>5.511</i>	
TOTALS	<i>54.65</i>	<i>47.23</i>	<i>55.82</i>	<i>48.20</i>	<i>53.64</i>	<i>42.17</i>	<i>47.75</i>	<i>50.46</i>	<i>49.33</i>	<i>55.14</i>	<i>50.439</i>	

Hyd. Sta. no. 76 - 667440
NGR: NS (26) 086643
alt. 30m

RAINFALL AT Arran Pladda

Lat. Lon. County of Bute
 Rain Gauge, by Observer Board of Northern Lights
 Arran - 3.

Diameter ....	...										
Height	3 3											
Altitude	55?											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.49	1.96	3.38	1.05	5.70	1.88	3.96	1.45	2.95	4.83		
February ....	.48	.27	1.90	4.00	6.80	.00	2.12	3.03	3.97	3.70		
March	2.48	3.60	.08	1.15	2.18	6.07	6.97	4.43	3.13	2.34		
April .....	.61	1.46	.22	1.85	1.48	2.32	2.31	1.29	2.20	3.65		
May	3.02	1.45	5.15	.85	2.80	.25	1.00	1.89	2.85	4.90		
June	4.09	1.15		1.80	3.80	1.64	4.39	5.60	2.10	1.50		
July	4.83	.94	(12.00)	3.20	3.12	4.83	4.79	1.95	.35	4.13		
August	3.18	3.57		2.75	2.75	5.19	2.31	4.21	4.55	1.39		
September....	4.01	4.49	3.90	3.26	.00	1.90	5.43	3.69	4.05	6.39		
October	4.37	2.94	2.70	5.32	1.95	4.15	3.94	2.26	3.90	3.77		
November	6.62	3.04	4.40	3.80	2.65	5.59	2.01	2.35	6.80	7.08		
December	1.47	5.41	2.50	5.55	4.41	5.89	3.70	6.55	4.75	6.30		
TOTALS	37.65	30.28	36.23	34.58	37.64	39.71	45.23	38.70	41.60	49.98	39.160	

1896 Dec. Gauge leaking. } estimated
 June - Aug 1892 }

RAINFALL AT Holy Island Lamblash

Lat. _____ Lon. _____ County of Bute

Rain Gauge, by _____ Observer Board of Northern Lights

Arran, - 3.

Diameter ....	...									
Height .....	...									
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.50	3.20	6.50	1.70	8.80	1.80	4.00	2.70	4.50	8.00	4.870
February	1.60	1.40	3.00	10.10	12.20	.40	2.90	3.80	7.90	2.70	4.600
March	4.50	4.10	1.30	2.20	6.10	5.30	8.10	6.70	2.80	4.70	4.580
April	2.10	.80	1.40	3.20	3.20	2.80	3.60	2.40	2.40	4.30	2.620
May	3.00	2.50	8.80	3.40	3.00	.50	.70	1.70	3.00	5.10	3.170
June	4.90	1.20	4.50	2.50	3.90	1.70	3.80	7.10	3.10	1.60	3.430
July	5.20	1.30	3.00	4.40	4.10	8.10	5.60	2.10	1.10	4.00	3.890
August	3.70	5.60	10.70	4.10	4.00	5.20	2.00	6.60	8.00	1.30	5.120
September....	5.50	7.10	7.10	3.90	.20	1.10	5.40	4.20	4.90	5.70	4.510
October	6.10	5.00	4.10	6.80	5.40	3.30	4.30	3.10	4.40	4.20	4.670
November	9.90	5.40	6.30	5.00	6.40	6.10	2.50	5.10	7.30	5.70	5.970
December	2.60	12.40	4.60	8.80	7.60	8.00	8.60	8.20	9.00	6.90	7.670
TOTALS	56.60	50.00	61.30	56.10	64.90	44.30	51.50	53.70	58.40	54.20	55.100

1880 -

RAINFALL AT Rothesay Barone Cottage

Lat.

Lon.

County of Bute

Rain Gauge, by

Observer J. Kay Esq

Bute - 1.

Diameter	5										
Height	10										
Altitude	116 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.90	3.19	4.66	2.49	7.35	1.42	3.00	1.36	2.90	6.80	4.007
February	1.05	.78	2.56	4.27	7.82	.67	3.08	3.39	4.18	2.98	3.078
March	4.08	3.90	1.23	2.05	2.61	3.36	6.13	4.08	1.70	3.75	3.289
April	1.96	1.64	1.86	2.93	2.25	3.20	2.79	2.63	3.39	4.91	2.756
May	3.83	1.94	6.13	2.70	2.79	.68	.79	3.09	2.43	3.44	2.782
June	5.79	2.58	3.99	1.39	3.17	2.62	3.50	6.35	3.61	2.27	3.527
July	4.06	1.48	3.49	5.08	4.34	4.58	5.66	3.37	2.62	5.50	4.018
August	3.32	6.37	8.25	3.67	4.45	6.77	3.32	5.36	5.45	2.63	4.959
September	6.60	4.72	6.59	3.48	.11	1.43	4.12	4.25	5.72	5.78	4.280
October	4.43	5.41	3.60	6.60	3.35	4.31	2.64	2.57	3.73	3.66	4.030
November	8.44	4.61	5.93	3.74	4.82	5.95	1.87	3.26	5.12	4.60	4.834
December	1.10	6.55	3.61	4.80	4.38	4.79	5.56	5.01	5.73	6.41	4.794
TOTALS	51.56	43.17	51.90	43.20	47.44	39.78	42.46	44.72	46.58	52.73	46.354

1891 Rothesay Church $\frac{3}{4}$ mile SE
 Shrubs 3 to 4 ft high 10 to 18 ft

1880

RAINFALL AT Morvern Drumnin

Lat. Lon. County of Argyll
 Rain Gauge, by Observer J. M. Gordon

Sound of Arisaig - 2.

Diameter	5										
Height .....	...			1							
Altitude ....	...			225							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.70	6.28	7.66	4.71	10.72	2.03	5.22	2.17	6.81	7.94	6.424
February	1.08	2.45	2.17	6.72	10.56	.85	5.41	3.94	7.83	4.69	4.570
March	6.40	3.81	1.94	3.16	6.79	4.76	7.75	8.07	3.51	6.27	5.246
April	3.17	1.79	1.64	2.17	2.02	3.51	4.03	3.19	3.61	5.25	3.038
May	2.27	1.61	6.04	3.45	3.91	.78	1.70	4.07	5.07	2.91	3.181
June	6.31	2.03	4.34	.94	3.75	1.48	5.68	3.85	3.53	3.11	3.502
July	6.15	2.38	4.09	6.04	4.59	4.37	4.39	5.45	3.68	4.11	4.525
August	6.46	6.20	6.35	3.98	5.86	6.02	7.53	4.73	6.32	2.43	5.588
September....	6.39	8.51	9.44	6.67	.14	5.85	6.89	5.68	8.13	8.68	6.638
October	9.69	8.83	4.91	11.37	2.76	5.57	5.39	3.92	5.13	5.32	6.289
November....	9.62	5.71	7.21	5.47	9.11	6.91	4.67	5.11	7.79	8.48	7.008
December	1.09	9.55	4.56	10.34	6.32	7.38	6.63	7.25	11.37	7.50	7.199
TOTALS	69.33	59.15	60.35	65.02	66.53	49.51	65.29	57.43	72.78	66.69	63.208

1895 House about 60 to 80 ft. S
 1898 Kiel Church 12 miles SE

RAINFALL AT Strontian Landale

Lat.

Lon.

County of Argyll

Rain Gauge, by Sound of Arisaig - 2.

Observer A. Fletcher Esq

Diameter	8											
Height	10											
Altitude	15 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	15.08	8.20	12.29	4.92	10.93	2.04	4.41	1.65	7.41	6.44	7.337	
February	1.78	2.64	3.66	8.72	9.81	1.44	5.70	4.86	9.13	4.33	5.207	
March	9.15	6.64	1.59	3.47	7.23	5.65	9.15	8.16	4.02	5.83	6.089	
April	3.85	1.80	2.35	1.85	1.66	3.53	3.73	4.02	4.68	5.58	3.3051	
May	2.51	1.82	5.78	2.81	3.50	1.19	1.45	3.52	3.85	2.10	2.853	
June	7.74	2.14	3.83	.60	3.61	1.78	4.31	1.93	4.11	2.60	3.265	
July	6.58	3.21	5.35	5.26	4.43	5.38	4.73	5.24	3.53	4.27	4.798	
August	6.90	7.90	6.46	4.97	4.54	6.73	7.64	5.65	7.53	2.37	6.069	
September	8.49	9.86	12.32	6.36	.22	5.07	7.05	5.85	8.83	8.86	7.291	
October	12.68	11.61	4.22	11.15	2.78	6.67	4.24	3.47	3.91	6.51	6.724	
November	11.47	5.53	7.84	5.12	12.14	6.53	4.96	3.64	7.26	10.36	7.485	
December	1.15	12.48	4.40	11.90	7.72	7.04	6.44	10.39	14.38	6.75	8.265	
TOTALS	87.38	73.83	70.09	67.13	68.57	53.05	63.81	58.38	78.64	66.00	68.688	

1890 Strontian Parish Church 5 miles ENE

Screen with Met. Instrument 78 ft W

Tree 36 ft high 138 " W

1880-

RAINFALL AT Loch Sunart-Glenborodale

Lat. 56° 40' 40"

Lon. $5^{\circ} 52' 44''$

County of _____

Argyll

Rain Gauge, by

Observer

J. J. Dalglish Esq
C. D. Rudd Esq

C. A. Rudd Esq

Sound of Arisaig. - 2.

Diameter	5											
Height	0 2											
Altitude	60 L											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	14.12	6.26	9.69	4.97	8.01	2.12	3.78	1.70	6.90	5.99	6.354	
February . . . .	.99	3.08	2.12	8.98	8.32	1.42	4.31	3.83	8.88	4.12	4.605	
March	8.39	6.82	1.35	3.12	6.67	5.82	8.75	7.86	3.63	5.88	5.829	
April	3.06	.85	.70	2.01	1.39	3.58	4.73	4.26	6.23	5.32	3.213	
May	1.39	3.16	5.85	2.87	3.88	1.31	2.89	4.28	3.94	1.33	3.090	
June	6.22	2.78	3.97	.56	3.79	1.95	5.21	3.85	3.44	2.81	3.458	
July	7.19	1.70	4.29	5.36	5.18	5.42	5.45	5.43	4.58	4.27	4.887	
August	7.00	5.35	6.54	4.94	4.89	6.89	9.05	4.03	5.11	2.30	5.610	
September	9.12	10.68	12.23	6.64	.68	5.12	7.71	6.51	8.35	9.21	7.625	
October	16.36	8.19	3.17	11.21	8.28	6.77	6.09	3.99	2.90	4.46	7.142	
November	12.77	4.65	7.95	5.40	6.89	6.72	5.27	2.71	7.45	7.73	6.754	
December	2.05	9.80	4.34	12.24	9.70	6.97	6.11	8.32	11.09	8.02	7.864	
TOTALS	88.66	63.32	62.20	68.30	67.68	54.09	69.35	56.77	72.50	61.44	66.431	

1896 Acharacle Church 9 miles N.E.

1880—

RAINFALL AT Ardnamurchan

Lat. Lon. County of Argyll
 Rain Gauge, by Observer Board of Northern Lights
Sound of Arisaig - 2.

Diameter ....	...										
Height	36											
Altitude	289											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.59	2.16	4.40	2.65	6.67	2.04	2.71	1.78	4.69	5.42	3.711	
February ....	.51	.75	1.49	4.84	5.58	.20	2.47	2.28	6.16	2.56	2.684	
March	3.54	2.26	.40	1.90	3.30	2.83	6.31	4.81	2.85	3.40	3.160	
April	1.12	.63	.56	1.76	1.18	2.01	2.70	1.56	2.40	5.25	1.917	
May .....	.69	1.59	3.00	2.97	3.81	.92	1.16	1.81	2.57	1.73	2.025	
June	3.86	.76	1.25	.49	2.90	.76	5.04	2.54	3.06	2.23	2.289	
July	2.78	1.65	3.22	3.68	4.00	4.30	4.88	4.43	2.32	3.48	3.474	
August	2.52	4.48	2.58	3.80	5.44	4.79	5.42	2.85	6.08	2.15	4.011	
September....	3.08	4.41	2.83	5.33	.25	4.64	4.50	6.41	6.12	7.35	4.492	
October	4.58	3.34	2.19	7.75	1.82	4.36	4.45	3.21	2.70	3.44	2.784	
November....	4.61	2.00	5.12	5.00	6.91	3.62	2.53	3.03	5.18	5.91	4.391	
December ....	.72	4.69	4.15	7.76	5.78	5.24	4.28	6.87	8.38	5.61	5.348	
TOTALS	32.60	28.72	31.19	47.93	47.64	35.71	46.45	41.58	52.51	48.53	41.286	



1850 -

RAINFALL AT *Arduamurchan Achateny*

Lat.

Lon.

County of *Argyll*

Rain Gauge, by

Observer *Mr R. Collart*

Sound of Arisaig - 2.

Diameter	5										
Height	0 2										
Altitude	61 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	11.70	7.56	9.01	4.81	8.72						
February	2.21	2.81	3.74	6.83	8.02						
March	5.28	2.13	1.65	2.99	6.84						
April	1.82	1.43	5.06	1.32	1.33						
May	2.50	2.19	7.59	2.98	3.99						
June	7.43	4.72	3.86	.65	5.31						
July	5.97	6.63	3.21	4.14	4.96						
August	6.97	9.33	5.56	4.74	4.93						
September....	6.99	8.75	8.70	6.22	.85						
October	11.72	3.43	3.49	14.08	6.88						
November	9.28	9.36	5.24	6.96	7.81						
December	1.44	7.78	2.29	11.63	10.48						
TOTALS	73.31	66.12	59.40	67.35	70.12	<i>no reply</i>					

1890 Arduamurchan Chncl 6 miles S
House 1 1/2 Storey high 70ft S E

RAINFALL AT *Loch Eil Corran*

Lat.

Lon.

County of *Argyll*

Rain Gauge, by

Observer *Board of Northern Lights*

L. Linke, Rbank-3.

Diameter ....	...									
Height	0 4										
Altitude	14 9										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	18.40	9.20	13.85	6.15	12.25	2.40	9.07	2.05	13.15	6.65	9.317
February	1.80	6.20	4.10	9.28	13.70	.35	8.10	8.45	11.75	4.10	6.783
March	13.30	6.95	2.75	5.15	9.60	7.40	11.40	8.80	7.85	6.65	7.985
April	3.10	.80	2.35	4.80	1.40	4.64	4.75	3.60	6.55	4.40	3.639
May	2.60	3.85	6.75	4.10	4.70	1.85	1.30	4.70	4.05	1.55	3.545
June	8.76	2.35	3.20	2.00	4.40	1.40	5.50	3.95	5.30	1.45	3.831
July	7.70	4.80	5.50	5.60	6.15	3.58	4.80	8.60	3.55	4.30	5.458
August	7.30	8.20	8.75	7.28	9.05	10.27	8.05	4.85	9.80	1.10	7.465
September....	9.20	14.50	13.35	6.25	.45	5.95	6.70	9.75	11.50	9.85	8.750
October	17.40	10.45	6.15	12.80	2.50	6.35	5.80	5.70	3.50	6.85	7.750
November....	10.95	7.20	10.40	9.83	12.75	7.92	4.00	7.50	8.15	10.85	8.955
December	1.75	13.00	7.65	15.74	10.95	9.20	6.65	10.60	21.05	4.60	10.119
TOTALS	102.26	87.50	84.80	88.98	87.90	61.31	76.12	78.55	106.20	62.35	83.597

1870 -

RAINFALL AT Ardgour House

Lat.

Lon.

County of Argyll

Rain Gauge, by

Observer

Mr D. Maclean

L. Linke, Rank - 3.

Mr a Boyd

Diameter	3										
Height	0 10										
Altitude	72										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.60	6.70	11.00	6.10	11.00	1.10	6.50	3.30		# 4.75	
February ....	.80	4.50	2.60	10.00	14.00	1.60	7.80	8.30		4.50	
March	5.90	3.20	2.90	6.50	8.40	3.80	4.30	11.80		5.13	
April	1.40	1.30	2.20	2.90	1.90	3.30	3.50	2.80		3.75	
May .....	.70	1.00	6.10	2.30	4.00	.70	3.00	4.60		1.12	
June	5.40	1.90	3.90	1.00	3.20	1.30	3.90	5.30		1.25	
July	5.80	2.80	6.10	6.40	5.50	2.40	6.00	3.40		4.00	
August	4.40	7.90	10.40	8.90	8.20	3.80	7.20	4.30		2.00	
September....	7.50	12.20	13.80	9.50	.80	2.90	5.00	5.00		9.75	
October	11.20	7.60	5.20	14.60	3.10	3.70	4.30	3.40		4.25	
November	8.40	5.80	11.50	6.40	7.50	2.80	8.10	3.80		9.13	
December ....	.90	10.30	9.30	14.30	6.70	4.40	9.00	14.80		# 4.75	
TOTALS	63.00	65.20	85.00	88.90	74.30	31.88	68.60	70.80	N.O.	54.38	71.00 *

1890 Ardgour Church 1 Mile ^{N E} E

Hedge 4 ft 6 in. high 7 ft W

1894 Nov. + Dec. Record small G. probably did not catch sufficient Snow.

1895 25 or 30 inches too small.

* Computed (without 1895) from appin airds, Ballachulish, Loch Eil, Corran and Ft William

RAINFALL AT Loch Eil bonaglen

Lat. Lon. County of Argyll

Rain Gauge, by Loch Linne, R. bank - 3. Observer Countess Dowager of Morton

Diameter	5										
Height	0 10										
Altitude	36										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	21.41	14.05	14.22	5.17	14.31	1.24			18.79		
February	1.60	7.93	3.21	8.78	17.87	.35			13.34		
March	9.33	7.48	2.87	5.45	11.63	3.91			6.40		
April	3.09	1.57	2.36	3.98	1.97	6.68			5.54		
May	2.86	2.25	8.47	2.92	5.46	2.29			3.57		
June	7.59	2.86	4.81	2.39	4.76	1.25			5.09		
July	8.01	3.42	6.02	6.30	6.47	6.02			2.61		
August	8.22	9.31	11.09	7.16	8.49	10.45			6.69		
September....	7.68	16.30	17.92	10.92	.30	7.31			10.23		
October	14.38	12.54	6.16	15.17	3.38	6.90			7.65		
November....	12.89	8.03	11.75	8.17	15.50	12.98			10.88		
December	1.47	17.32	5.59	19.63	12.72	8.20			27.32		
TOTALS	98.53	103.06	94.47	96.04	102.86	67.58	Not Received		118.11	Not Received	

RAINFALL AT Appin Airds

Lat.

Lon.

County of

Argyll

Rain Gauge, by

Observer

R Macfie Esq

L. Ruinhe, L. bank - Lt.

Diameter	5										
Height	0 11										
Altitude	41 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.71	5.41	6.91	2.60	7.95	1.83	5.74	1.27	5.09	5.33	5.084
February ....	.28	4.91	2.48	5.25	7.16	.38	4.75	3.56	5.67	6.90	4.134
March	6.63	3.05	1.30	2.10	5.40	3.90	8.40	6.25	3.11	5.80	4.594
April	1.52	.65	1.23	2.33	1.24	2.90	3.00	2.72	4.52	5.16	2.527
May	2.08	2.38	6.33	3.54	4.04	1.12	1.19	4.00	3.35	2.72	3.075
June	6.64	1.68	3.50	.89	4.01	1.82	3.90	4.60	3.54	1.47	3.205
July	5.13	3.30	4.85	4.50	4.40	4.76	4.05	4.98	2.07	4.30	4.234
August	5.21	6.45	5.65	6.50	6.43	8.30	4.77	5.59	6.79	1.50	5.719
September	6.73	8.65	10.64	5.54	.15	3.60	6.08	5.90	10.29	6.02	6.360
October	7.75	6.74	3.14	7.35	2.62	3.61	3.28	3.41	4.29	5.65	4.784
November	13.81	4.68	5.90	4.30	7.64	4.82	3.50	4.28	4.84	4.96	5.873
December	2.91	8.55	1.05	8.25	5.45	4.60	5.35	7.19	11.35	5.00	5.970
TOTALS	67.40	56.45	52.98	53.15	56.49	41.64	54.01	53.75	64.91	54.81	55.559

1880

RAINFALL AT *Ballachulish Ardsheal*

Lat.

Lon.

County of *Argyllshire*

Rain Gauge, by *L. Linke, L. bank - Lt.*

Observer *D. N. D. Anderson*

Diameter			8								
Height			10								
Altitude			1037								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			10.35	4.78	10.63	2.53	7.08	1.48	9.83	6.92	
February			2.67	7.38	13.50	.95	8.40	6.02	7.66	5.85	
March		#	3.95	2.38	4.55	9.26	5.95	10.75	8.84	5.09	7.68
April . . . . .			.85	1.97	3.34	2.04	4.91	4.85	3.99	6.50	5.79
May			2.49	6.75	2.96	4.76	1.89	1.32	4.47	3.12	2.17
June			3.07	3.92	1.12	4.27	2.49	4.69	4.70	3.32	2.29
July			4.97	4.20	5.46	6.20	5.52	4.90	5.96	3.42	5.54
August			5.20	6.97	7.18	8.18	10.57	6.33	5.23	8.28	2.91
September . . .			12.50	12.74	7.85	.25	5.37	7.17	6.20	9.60	8.59
October			9.25	3.07	11.38	3.39	5.26	4.92	5.03	5.20	7.88
November				8.64	7.65	11.90	8.34	4.49	5.93	7.45	10.90
December			} 18.15	4.86	13.25	8.02	7.00	7.62	9.22	16.67	6.77
TOTALS			68.52	76.90	82.40	60.78	72.52	67.07	86.14	73.29	

1892 *Dunor 2 road Sacra 1 1/2 miles S*

House 28 ft high ³⁸ 27 ft W

Tree ¹⁰ ? ¹⁰ 40 " N

1893 Gauge moved Jan 7 12th 15 ft E

RAINFALL AT Ballauchulish

Lat.

Lon.

County of Argyll

Rain Gauge, by

Observer D. Campbell Esq M.D.

L. Linke, L. bank-st.

Diameter	8										
Height	0 1			1 0							
Altitude	22				15	20			10		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	19.33	9.35	11.26	6.18	13.21	3.10	8.03	2.60	11.74	6.78	9.158
February	1.90	5.58	2.99	8.60	16.44	.49	8.08	7.81	10.20	6.33	6.839
March	10.68	5.57	2.30	4.71	11.22	6.60	12.43	12.63	8.09	9.95	8.418
April	3.82	1.86	2.37	3.81	2.73	5.93	5.40	6.29	8.19	6.21	4.661
May	3.77	2.32	8.58	2.88	6.16	2.21	1.40	5.41	2.71	3.16	3.860
June	8.08	3.60	4.58	1.87	4.28	2.28	4.94	4.38	5.02	2.09	4.112
July	6.87	3.46	6.89	6.04	7.22	5.80	3.65	6.62	3.16	4.93	5.464
August	7.39	7.75	7.13	7.32	7.69	10.28	6.47	6.76	9.46	2.19	7.244
September....	8.15	13.49	16.12	9.04	.16	4.89	9.86	8.67	10.31	8.09	8.878
October	13.49	12.06	6.38	11.98	2.64	4.75	7.24	5.81	7.61	9.34	8.130
November	11.47	7.65	9.54	7.71	14.93	11.78	5.53	7.31	7.43	12.50	9.585
December ....	.89	14.40	4.99	16.06	9.01	7.41	8.85	11.57	19.53	7.47	10.018
TOTALS	95.84	87.09	83.13	86.20	95.66	65.52	81.88	85.86	103.45	79.04	86.367

1900 Jan. 11.02, Feb. 4.03, Mar. .63, April 5.87 #

RAINFALL AT *Lochgilphead Ederline*

Lat.

Lon.

County of

Argyll

Rain Gauge, by

Observer

McDonald McLeod

L. Etive - 6.

Diameter	<i>5</i>										
Height	<i>1 6</i>										
Altitude	<i>115</i>	<i>110</i>			<i>130</i>						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		<i>5.27</i>	<i>9.05</i>	<i>6.10</i>	<i>8.47</i>						
February		<i>1.77</i>	<i>4.60</i>	<i>7.19</i>	<i>10.13</i>						
March		<i>5.81</i>	<i>1.11</i>	<i>4.27</i>	<i>5.02</i>						
April	<i>2.39</i>	<i>1.76</i>	<i>2.33</i>	<i>2.53</i>	<i>2.85</i>						
May	<i>1.94</i>	<i>1.71</i>	<i>7.73</i>	<i>3.40</i>	<i>3.07</i>						
June	<i>7.46</i>	<i>2.32</i>	<i>4.68</i>	<i>.31</i>	<i>4.54</i>						
July	<i>6.05</i>	<i>.95</i>	<i>4.85</i>	<i>7.85</i>	<i>4.91</i>						
August	<i>6.08</i>	<i>7.70</i>	<i>6.01</i>	<i>6.24</i>	<i>4.61</i>						
September....	<i>10.85</i>	<i>7.52</i>	<i>9.24</i>	<i>6.99</i>	<i>.54</i>						
October	<i>9.45</i>	<i>7.50</i>	<i>3.98</i>	<i>9.61</i>	<i>3.24</i>						
November	<i>14.85</i>	<i>6.57</i>	<i>7.82</i>	<i>5.88</i>	<i>8.36</i>						
December	<i>2.03</i>	<i>9.47</i>	<i>5.95</i>	<i>9.68</i>	<i>6.89</i>						
TOTALS		<i>58.35</i>	<i>67.35</i>	<i>70.05</i>	<i>62.63</i>	<i>no</i> <i>Reply</i>					

1893 Kilmartin 3 1/2 miles S.W.

RAINFALL AT Oban Ardnamaddy Castle

Lat. _____ Lon. _____ County of Argyll

Rain Gauge, by _____ Observer Jm Mackenzie
Height of Lome - 7.

Diameter	12										
Height	1 0										
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	11.06										
February	2.00										
March	9.50										
April	5.00										
May	1.50										
June	8.25										
July	6.00										
August	7.00										
September....	10.00										
October	9.50										
November	23.75										
December	3.00										
TOTALS	96.56	M.R.									

Rosebush hanging over the gauge, removed at end of 1890

RAINFALL AT Oban Loch-na-ghlam-na-brathrach

Lat.

Lon.

County of

Argyll

Howard's bottle Rain Gauge, by

Observer

D^r J. H. O'Reilly

with outer can Firth of Lorne - 7.

D. Bailey

Diameter		11						11			
Height		1 2						1 2			
Altitude								370			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		⁷ 3.75	3.79	4.06	9.74		5.70	3.50	8.68	8.47	
February		4.10	5.63	7.08	10.03	5.50	5.62	1.43	8.23	3.43	
March		4.85	.71	4.41	7.24	9.01	8.21	9.54	2.91	3.40	
April .....		.25	1.01	2.45	1.57	3.85	3.41	2.90	4.37	5.06	
May		3.90	1.84	4.15	3.19	1.32	1.62	3.32	2.32	4.19	
June		2.48	.56	.99	5.04	1.12	3.69	5.44	3.08	1.26	
July		5.02	.48	5.85	5.35	6.20	5.24	5.91	2.23	4.95	
August		10.78	7.38	6.02	6.72	3.98	1.60	4.90	5.93	1.24	
September		8.55	8.76	5.28	.27	11.07	6.20	6.43	7.27	7.65	
October		7.90	6.76	12.62	2.65	4.95	4.09	3.16	5.85	5.41	
November		5.73	6.57	4.49	^{10.31} 10.31	7.46	5.66	4.51	5.10	5.28	
December		5.17	5.31	10.97	5.69	6.02	5.45	5.96	10.24	4.01	
TOTALS	(64.00)	⁷ 62.48	48.80	68.37	^{67.80} 58.80	(57.48)	56.49	57.00	66.21	54.35	(59.398)

Gauge 1 3/4 miles S.S.W. of Oban

1891 January Gauge tampered with.

1890 and Jan & Feb. 1895 taken from Oban.

1894 Total of 67.80 rec'd vi. 22 & by comparison with surrounding

The Corran

record now was corrected to 10.31

to 6.12.22.

RAINFALL AT Oban The Corran

Lat. _____ Lon. _____ County of Argyll

Firth of Lorne - 70 Rain Gauge, by _____ Observer D Bailey

Diameter	5										
Height	1 0										
Altitude	20										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.12	4.57	6.53	3.30		1.81	4.47	1.15	7.04	8.09	
February ....	.71	2.87	1.94	6.29		.74	4.24	4.07	#	3.82	
March	6.61	3.33	1.04	2.56	(25.00)	3.90	8.45	7.88	(1600)	4.79	
April.....	2.33	1.56	1.92	2.24		3.51	3.02	3.14		5.10	
May	2.08	1.61	5.33	3.62	#	.68	.85	3.64		3.00	
June	6.24	2.00	4.10	.70	4.33	1.36	4.24	4.99	#	2.58	2.23
July	5.71	2.98	4.29	4.49	4.44	4.52	4.53	5.11	2.07	4.05	
August	5.21	6.40	4.17	6.29	5.51	7.78	4.94	5.30	5.48	2.85	
September....	6.87	7.88	10.44	5.77	.02	3.73	6.71	5.17	7.00	6.00	
October.....	7.68	8.36	3.25	7.94	2.43	4.85	3.13	3.11	4.34	5.49	
November....	9.97	5.42	7.23	4.82	8.86	6.30	4.07	4.55	6.17	6.81	
December	1.12	10.04	3.96	5.77	5.46	6.11	7.70	6.90	13.22	5.93	
TOTALS	63.65	57.02	54.20	53.79	56.05	45.29	56.35	55.01	63.90	58.16	(56.342)

1894 Jan to May Observer away ill. } Estimated from
1898 Feb " May " " " } Appin winds

RAINFALL AT Oban Craignaven

Lat. _____ Lon. _____ County of Argyll

Rain Gauge, by _____ Observer G. W. Brennan Esq. C.E.
Feet of Rone - 7.

Diameter	5										
Height	1 0										
Altitude	143										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.86	4.83	6.33	3.49							
February ....	.90	3.80	1.75	6.08							
March	7.38	3.46	.66	2.49							
April.....	2.09	1.33	1.83	#							
May	2.77	1.72	5.05								
June	5.82	1.98	3.99								
July	6.07	2.70	4.99								
August	4.90	6.29	4.42								
September....	6.80	7.50	11.60								
October.....	8.76	7.85	3.51								
November....	10.49	5.05	7.35								
December	1.37	9.45	3.46								
TOTALS	66.21	55.96	54.94								

RAINFALL AT *Tayvallick Tarnish*

Lat.

Lon.

County of

Argyll

Rain Gauge, by

Observer

Capt Barne

Sound of Jura - 8.

Diameter	5			5							
Height	1 - 0			1 -							
Altitude	15 T			15	10						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.38	3.78	4.80	3.16	6.19						
February	1.08	1.18	2.18	5.68	7.50						
March	4.10	4.06	.68	2.64	4.44						
April	2.09	1.67	1.52	1.76	2.69						
May	1.64	2.13	5.06	2.39	2.57						
June	4.91	1.05	4.47	1.28	2.67						
July	4.65	1.70	4.38	5.61	3.47						
August	4.15	6.26	4.48	5.51	5.05						
September....	6.42	5.51	5.91	4.00	.47						
October	5.82	5.67	3.48	6.79	2.74						
November....	9.79	5.87	5.40	3.82	4.92						
December	1.83	8.69	4.46	7.30	4.82						
TOTALS	51.86	47.57	46.82	49.94	47.53						

1893 *Tayvallick Church 3 miles NE*
House 20 ft high to eaves ³³ ft E

RAINFALL AT *Lochgilphead Pottallock*

Lat.

Lon.

County of *Argyll*

Rain Gauge, by

Observer *Mr J. Russell*
Mr D. S. Melville

Sound of Jura - 8.

Diameter	3						8	6	8		
Height	4 6										
Altitude	135	126					135				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.95	3.78	5.60	4.05	6.32	1.41	3.36	1.25	4.31	6.46	4.449
February ....	.63	1.12	3.24	5.35	7.57	(1.16)	3.46	4.19	5.53	2.71	4.296
March	4.94	3.73	1.19	3.29	4.20	3.10	6.56	5.03	2.47	4.26	3.877
April	1.97	.80	1.24	2.38	2.10	2.60	2.65	2.75	3.86	5.59	2.594
May	2.16	1.80	6.93	3.17	2.09	.25	.81	2.83	3.00	2.84	2.588
June	5.33	1.14	4.29	.84	3.08	1.13	3.03	6.34	4.04	2.26	3.148
July	4.63	1.80	4.73	9.46	3.53	4.58	4.99	3.29	2.83	4.60	4.444
August	4.31	5.62	5.48	5.38	5.58	6.67	3.70	4.47	5.80	3.42	5.038
September	7.44	5.33	7.25	5.96	.05	3.00	4.99	5.64	7.30	6.15	5.311
October	6.87	8.54	3.53	7.81	2.15	3.62	3.67	3.14	3.66	4.85	4.784
November	9.58	4.76	5.72	4.91	5.23	6.64	2.27	3.79	6.22	4.74	5.386
December	1.29	8.92	4.02	6.55	3.93	5.76	6.54	6.30	9.46	4.77	5.754
TOTALS	57.10	47.34	53.22	59.15	45.78	38.92	46.03	49.02	58.48	52.65	50.769

1895 An unsatisfactory record - The R.G.R. differ in several months.

1.00 = added - Jan. C.S. 20. IV. 11
for purpose of average

1880 -

RAINFALL AT *Loughishead Pollalloch*

Lat.

Lon.

County of *Argyll*

Rain Gauge, by

Observer *M. J. Russell*
M. D. L. Melville

Sound of Jura - 8.

Diameter	5						8				
Height	0 4				6						
Altitude	121						135				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.95	3.38	5.75	4.10	7.20	5.50 ²	3.07	2.00	4.06	6.03	
February ....	.63	1.10	3.10	5.18	8.20	1.50 ²	4.03	4.75	4.19	2.08	
March	4.99	3.80	1.00	2.92	3.60	3.10	7.75	4.80	2.02	4.06	
April	2.00	.78	1.20	2.50	2.00	1.25	2.09	2.90	3.06	5.01	
May	2.14	1.50	6.80	2.50	2.20	.05	.40	3.35	2.07	2.04	
June	5.08	1.25	4.21	.45	2.60	1.06	2.08	6.05	3.08	1.08	
July	4.50	1.70	4.94	8.96	3.80	5.06	4.08	3.00	2.45	4.04	
August	4.25	5.70	5.18	5.45	5.10	6.06	3.45	4.60	5.03	3.05	
September....	7.50	5.00	7.00	5.40	.10	3.02	4.09	5.00	6.09	6.95	
October	6.80	8.70	3.28	6.90	2.22	4.02	3.09	3.00	3.04	5.05	
November....	9.60	4.90	5.70	5.40	5.30	7.00	3.01	5.05	6.04	4.91	
December	1.28	8.85	4.56	7.00	4.35	6.00	7.35	6.05	8.11	5.50	
TOTALS	56.72	46.66	52.72	56.76	46.67		44.49	50.55	49.24	49.80	

1891 *Kilmartin Church 2 1/2 miles NE*

1895 January & February - Gauge under snow drifts.

1898 Eight or nine inches too small. Observer says the gauge does not leak & he can offer no explanation.

RAINFALL AT *Kintyre Mull of*

Lat.

Lon.

County of

Argyll Insular

Rain Gauge, by

Observer

Board of Northern Lights

Kintyre W. - G.

Diameter ....	...									
Height .....	...									
Altitude	<i>279?</i>										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.05	1.90	3.95	3.10	6.90	3.00	2.70	1.00	1.45	4.74	3.179
February	1.00	.15	1.90	3.20	7.20	.80	1.54	3.40	3.65	4.03	2.687
March	4.30	3.60	.15	2.60	2.50	5.70	2.49	5.28	1.40	2.56	3.058
April	1.80	1.85	1.35	2.10	1.20	3.40	.45	.96	1.65	4.98	1.974
May	4.05	3.10	6.20	1.60	1.70	.50	1.00	.42	4.52	4.50	2.759
June	4.70	.40	2.90	1.60	2.80	1.50	2.30	6.00	2.89	2.50	2.759
July	2.90	4.75	3.05	4.10	3.30	4.60	4.42	1.95	1.05	5.03	3.515
August	3.05	5.05	6.40	4.30	3.20	5.40	1.55	7.25	5.68	2.16	4.404
September....	3.60	3.80	4.40	4.90	.40	1.10	3.16	3.57	4.97	4.01	3.391
October	2.60	5.70	2.90	6.30	2.10	3.80	.60	2.80	3.85	2.31	3.296
November	9.55	5.75	4.30	3.90	3.40	3.70	.60	2.29	6.77	2.74	4.300
December	1.25	4.35	3.10	6.20	4.20	6.40	5.30	6.07	3.88	11.82	5.257
TOTALS	41.85	40.40	40.60	43.90	38.90	39.90	26.11	40.99	41.76	51.38	40.579

May 1896 estimated

RAINFALL AT *Kintyre, Killean manse*

Lat.

Lon.

County of *Argyll*

Rain Gauge, by

Observer *Rev. D. J. Macdonald*

Kintyre w - 9.

Diameter				5							
Height				0 6							
Altitude				50							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				2.48	5.50	2.54	3.09	2.41	2.67	5.09	
February				4.65	5.75	4.8	2.92	2.47	3.55	4.57	
March				1.89	3.30	4.61	6.84	6.52	3.02	3.44	
April				2.28	1.95	2.72	2.71	2.25	2.52	3.96	
May				1.57	2.97	2.8	.82	2.14	3.36	3.81	
June				1.15	2.68	1.68	2.36	6.58	2.64	2.70	
July				3.29	3.18	4.14	3.81	2.62	1.14	3.97	
August				4.15	2.88	5.54	3.33	8.05	4.76	2.54	
September....				3.62	3.7	9.4	4.36	4.29	5.66	5.62	
October				5.83	3.59	4.64	4.05	2.75	3.11	3.77	
November....				3.61	4.83	6.30	1.92	3.07	9.15	4.12	
December				6.56	4.89	6.59	5.13	6.86	6.63	7.47	
TOTALS				41.08	41.89	40.47	41.35	50.01	48.22	51.06	

Killean church 1 mile N

Hedge Height 3 ft Distance 6 ft N & S.
Plantation " 9 ft " 4 ft.

RAINFALL AT *Campbelltown, The Rectory.*

Lat.

Lon.

County of *Argyll*

Rain Gauge, by

Observer *Rev. Can. Wakeham*

Kintyre, E = 10.

Diameter							5				
Height							1 0				
Altitude							30 ²				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								2.09	2.81	6.19	
February							* 4.97	3.34	5.88	4.10	
March							5.90	6.82	2.33	4.09	
April							2.52	2.91	3.99	5.41	
May							1.56	1.47	4.22	3.99	
June							3.86	6.39	3.65	1.70	
July							5.29	2.62	1.15	5.00	
August							3.56	9.73	4.90	2.37	
September....							6.26	4.50	6.17	6.25	
October							4.44	3.95	3.09	3.64	
November....							lost	3.95	8.88	4.97	
December							7.35	9.05	5.60	9.84	
TOTALS . . .								56.82	52.67	57.55	

1896 (imp.) - 1909 recd. 2. V. 11; entd 25. V. 12

RAINFALL AT *Gantire Campbelltown Devaar*

Lat.

Lon.

County of

Argyll Inular

Rain Gauge, by

Observer

Board of Northern Lights

Kintyre, E. - 10.

Diameter ....	...									
Height	3 4										
Altitude	75?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	5.31	1.90	4.27	1.63	4.24	1.69	3.60	2.05	2.79	5.20	3.268'
February ....	.55	.53	2.48	3.78	6.22	.41	3.05	3.50	6.22	3.54	3.028'
March	3.93	4.30	.33	1.97	2.01	5.26	6.41	5.23	2.76	3.83	3.603
April	1.07	1.42	1.40	1.66	1.46	2.56	2.55	2.80	3.96	5.90	2.478'
May	2.20	2.63	5.19	1.85	1.57	.36	1.37	1.37	3.51	4.01	2.406'
June	3.28	1.66	2.81	1.33	2.68	1.67	3.75	4.90	3.95	2.37	2.840
July	4.60	1.80	3.87	3.02	1.85	4.21	4.70	3.02	1.51	4.11	3.269'
August	3.30	5.70	6.12	3.28	1.72	5.29	3.77	6.64	5.33	2.19	4.334
September	3.06	4.46	5.77	2.58	.39	.74	5.52	3.97	4.61	5.88	3.698'
October	4.52	5.71	3.14	4.35	4.56	3.68	3.64	2.36	3.94	3.86	3.976
November	10.49	5.93	4.51	3.99	4.12	4.92	1.89	3.52	6.57	5.04	5.098'
December	1.70	7.23	2.77	5.20	5.50	6.10	6.18	7.78	6.81	8.62	5.789'
TOTALS	44.01	43.27	42.66	34.64	36.32	36.89	46.43	47.14	51.96	54.55	43.787

1860-

RAINFALL AT Gantire Skipness Castle
 Lat. Lon. County of Argyll Inver
 Rain Gauge, by Observer Mr P. McLean

Kintyre E. 10.

Diameter	6		5								
Height	1 6										
Altitude	20			22	27						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.40	3.30	6.96	4.88	7.83	2.13	3.78	2.40	4.45	6.28	4.941
February	1.24	.80	2.76	3.12	9.34	3.00	2.57	3.76	5.78	2.83	3.520
March	4.20	4.42	90	2.07	4.26	3.15	6.35	5.10	2.12	4.10	3.667
April	2.90	1.65	1.96	2.02	5.33	2.87	3.42	2.14	3.40	5.63	3.132
May	3.20	3.05	5.98	2.07	3.12	.34	1.19	2.70	3.20	3.10	2.795
June	6.20	.90	4.80	1.65	3.29	2.10	3.75	7.55	3.05	1.75	3.504
July	5.20	2.28	2.15	6.13	4.25	6.65	4.47	2.96	2.46	1.92	3.847
August	6.25	5.10	5.93	3.87	3.82	4.10	3.45	5.73	5.74	3.20	4.719
September....	5.90	5.75	6.87	4.32	.10	3.25	5.22	5.83	5.62	6.12	4.898
October	6.10	5.90	3.24	6.97	3.35	4.43	3.92	2.86	4.92	3.98	4.567
November	7.50	5.62	4.63	4.86	5.30	6.10	2.58	3.65	6.67	4.72	5.163
December	1.90	8.40	4.20	6.55	2.13	6.20	5.26	6.35	6.72	6.13	5.384
TOTALS	57.99	47.17	50.38	48.51	52.12	44.32	45.96	51.03	54.13	49.76	50.137

1890 "The new gauge and the old one practically
 register the same" P. McLean
 1892 Clonaig Church 3 miles W

RAINFALL AT *Ardvishaig Canal Office*

Lat. Lon. County of *Argyll*
Rain Gauge, by Observer *D. Buchan*

L. Tyne - 11.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	<i>1.73</i>					<i>2.55</i>	<i>4.21</i>				
February	<i>1.75</i>					<i>1.09</i>	<i>5.32</i>				
March	<i>7.24</i>					<i>4.66</i>	<i>9.59</i>				
April	<i>3.25</i>					<i>3.26</i>	<i>4.71</i>				
May						<i>.31</i>	<i>1.05</i>				
June						<i>2.25</i>	<i>4.29</i>				
July						<i>4.68</i>	<i>4.50</i>				
August						<i>7.58</i>	<i>4.03</i>				
September						<i>3.55</i>	<i>6.57</i>				
October						<i>5.01</i>	<i>5.32</i>				
November						<i>7.51</i>	<i>4.18</i>				
December						<i>8.07</i>	<i>8.70</i>				
TOTALS . . .						<i>50.52</i>	<i>62.47</i>				

RAINFALL AT Ardrishaig

Lat.

Lon.

County of

Argyll

Rain Gauge, by

Observer

Dr Buchan

L. Tyne - 11.

Diameter	8										
Height	0 6										
Altitude	14										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.78	6.40	7.37	5.29	11.99	2.36	5.09				
February	1.52	1.50	4.16	4.18	12.39	.88	6.25				
March	7.04	6.56	1.23	4.85	6.26	5.05	11.44				
April	3.35	1.26	2.05	3.22	2.58	3.62	4.91				
May	2.56	2.32	8.00	3.14	4.13	.30	1.11				
June	6.23	2.27	5.13	1.11	3.34	2.15	4.56				
July	4.98	1.43	4.83	6.95	4.21	5.12					
August	4.93	7.42	5.68	7.12	6.22	8.00					
September....	9.72	8.63	8.84	5.59	.23	4.03					
October	7.92	9.96	4.89	10.11	3.07	6.07					
November	11.51	6.27	9.28	6.46	8.25	7.80					
December	1.96	11.06	5.48	9.51	8.46	9.69					
TOTALS	72.50	65.08	66.94	67.53	71.13	55.07					

RAINFALL AT Gantire Stonefield Tarbert

Lat. Lon. County of Argyll Inverclyde

Rain Gauge, by Observer Colin G. Campbell Esq
L. Tyne - 11.

Diameter	3		5									
Height	13	9										
Altitude	90											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	12.42	5.76	8.06	4.20	12.72	2.73	5.16	1.97	6.24	11.79	7.105	+
February	1.58	1.90	4.12	7.68	12.81	1.49	5.37	5.32	11.01	5.26	5.654	
March	8.22	6.43	1.29	4.49	6.48	5.69	11.52	7.05	3.94	6.10	6.121	
April	2.89	1.89	2.70	3.16	2.33	4.22	4.49	3.94	4.89	7.41	3.792	
May	3.44	3.25	8.24	2.63	4.08	.37	1.22	3.83	3.92	3.57	3.455	-
June	8.22	2.19	4.72	1.77	3.96	2.08	5.25	7.97	5.20	2.52	4.388	+
July	5.89	1.35	4.81	6.83	5.01	5.53	4.62	5.81	3.52	5.46	4.883	
August	4.86	7.92	6.80	6.32	5.18	8.63	4.67	5.98	7.78	3.78	6.192	
September....	9.78	8.39	9.69	6.56	.18	3.62	6.22	8.66	9.21	10.00	7.231	
October	8.16	9.72	4.77	10.62	4.23	6.44	5.04	5.01	5.65	6.68	6.632	
November	13.66	6.63	8.36	6.73	7.90	8.17	4.53	6.07	8.07	7.53	7.765	+
December	1.45	12.35	5.32	9.96	8.15	10.13	9.65	8.74	13.13	7.48	8.636	+
TOTALS	80.57	67.78	68.88	70.95	73.03	59.10	67.74	70.35	82.56	77.58	71.854	

1870-

RAINFALL AT Lochgilphead Kilnory

Lat. Lon. County of Argyll

Rain Gauge, by Snowdon L. Tyne-11. Observer Sig. Campbell Orde B+

Diameter	5										
Height .....	...									
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	11.57	5.58	5.82	3.90	9.32	1.85	4.09	1.80	5.09	7.63	5.665-
February	1.23	1.43	3.05	6.37	11.74	1.12	4.85	4.02	6.54	3.20	4.3554
March	6.35	4.94	1.12	4.05	5.46	4.42	8.78	6.11	2.92	5.03	4.918
April	3.15	7.50	1.94	2.77	2.43	3.24	4.31	3.48	4.56	6.60	3.398
May	2.45	1.89	7.26	2.75	3.48	.27	.95	3.21	3.54	3.35	2.915-
June	5.33	2.00	4.69	1.09	2.94	2.00	3.75	7.51	4.77	2.67	3.6754
July	4.59	1.57	4.56	6.31	3.77	4.32	4.21	3.61	3.34	5.44	4.172
August	4.86	6.72	5.21	6.36	5.89	6.62	3.83	5.51	6.85	4.04	5.589
September....	8.13	7.51	7.49	5.15	.24	3.04	7.01	6.30	8.63	7.27	6.077
October	6.33	10.73	4.49	9.27	2.94	4.85	4.80	3.98	4.33	5.73	5.745-
November	11.91	5.29	7.67	5.67	6.97	6.67	3.99	4.36	7.35	5.60	6.548
December	1.53	9.44	4.62	7.96	6.49	7.58	8.01	7.00	11.18	5.64	6.945-
TOTALS	67.43	58.60	57.92	61.65	61.67	45.98	58.58	56.80	69.10	62.20	60.00

60002

Dec 1897 estimated from Portalloch
* Computed from Portalloch 4 months distributed by the same station

RAINFALL AT *Inverary Castle*

Lat.

Lon.

County of

Argyll

Rain Gauge, by

Observer

*Mr E. Taylor**Loch Fyne - II.*

Diameter	5											
Height	1 0											
Altitude	40											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	15.91	6.94	10.07	4.86	12.16	2.83	6.98	1.56	9.33	8.76	7.940	
February	1.42	3.99	3.62	9.59	16.18	1.13	5.62	7.87	11.09	5.18	6.569	
March	10.05	7.36	1.74	5.27	7.05	6.40	10.78	9.44	4.78	7.69	7.056	
April	2.95	2.07	2.63	3.50	1.64	5.09	5.28	4.04	5.44	5.96	3.860	
May	2.54	2.92	8.71	3.26	4.01	1.03	.87	3.72	2.97	2.96	3.299	
June	8.35	2.83	4.50	1.83	4.80	2.64	4.72	6.54	4.61	1.94	4.276	
July	7.24	2.85	6.06	7.37	6.24	5.80	3.74	6.50	3.10	4.91	5.381	
August	4.89	7.19	8.69	7.42	5.90	11.45	4.83	9.69	9.26	2.24	7.156	
September....	10.03	11.05	12.82	6.51	.09	4.53	7.46	7.11	10.54	10.20	8.034	
October	9.66	7.38	5.17	12.17	3.12	4.86	5.92	4.30	6.56	9.43	6.857	
November	14.12	6.08	8.26	6.22	9.11	9.57	5.46	6.30	(9.53)	10.75	8.540	
December	1.41	12.42	5.09	14.37	7.92	9.98	9.34	11.13	18.12	7.28	9.706	
TOTALS	88.57	73.08	77.36	82.37	78.22	65.31	71.00	78.20	(95.33)	77.30	78.674	

1898 Nov. 1st Bottle overflowed amount estimated

RAINFALL AT *Inverary Newtown*

Lat.

Lon.

County of *Argyll*

Rain Gauge, by

Observer *Mr Little*

Rock Type - 11.

Diameter	5										
Height	10										
Altitude	17										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.18	6.63	8.12	4.36	12.07	2.18	5.56	1.48	8.48	8.66	7.072
February	1.28	3.89	3.15	8.82	14.83	.97	5.77	7.12	9.34	4.40	5.957
March	7.94	5.10	1.62	4.36	6.32	6.25	10.22	7.96	4.44	6.19	6.040
April	2.57	2.29	2.29	3.38	1.94	5.03	4.57	3.97	5.55	5.51	3.710
May	2.38	2.80	8.09	2.99	3.65	1.17	.86	4.38	2.75	2.65	3.172
June	8.88	2.62	4.42	1.89	4.42	2.86	4.43	6.70	4.37	1.91	4.250
July	6.53	2.87	5.88	7.04	5.79	5.31	4.05	6.76	2.97	5.27	5.247
August	4.59	7.21	8.66	7.12	5.96	12.01	4.35	8.14	6.89	2.25	6.718
September	10.03	9.73	11.89	6.45	.11	4.43	6.29	6.10	10.14	10.38	7.555
October	8.63	7.75	4.77	10.56	3.25	3.40	4.96	4.93	5.79	8.92	6.296
November	13.22	5.98	7.67	4.69	8.26	8.35	5.16	5.63	8.69	8.98	7.663
December	1.38	12.23	5.70	11.14	6.35	8.62	8.74	9.44	16.24	6.06	8.590
TOTALS	80.61	69.10	72.26	72.80	72.95	60.58	64.96	72.61	85.65	71.18	72.270

1890 *Scotch Established Church 1/4 mile NE*

2 Walls 7 ft high 60 + 90 ft NW

Tree very tall 90 ft W

House 90 ft E

1897 *Gauge moved 8 yards SE in September*

RAINFALL AT *Inveraray*

Lat.

Lon.

County of

Argyll

Loch Fyne - 11.

Rain Gauge, by

Observer

W Douglas Esq

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					<i>10.90</i>						
February					<i>15.22</i>						
March					<i>6.85</i>						
April					<i>2.00</i>						
May					<i>3.50</i>						
June					<i>4.50</i>						
July					<i>5.80</i>						
August					<i>6.00</i>						
September					<i>.00</i>						
October					<i>3.00</i>						
November					<i>8.35</i>						
December					<i>7.30</i>						
TOTALS					<i>73.42</i>						

RAINFALL AT Tighnabruaich Craigandaraich

Lat.

Lon.

County of Argyle

Snowdon Rain Gauge, by Firth of Clyde - 12.

Observer A. S. Couland Esq

Diameter							5				
Height							40				
Altitude							30				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							4.21	1.74	3.80	6.80	
February							3.35	3.64	7.56	3.06	
March							9.17	5.60	3.20	4.65	
April							3.20	2.95	3.66	5.89	
May .....							.90	3.25	3.84	2.66	
June							2.90	7.37	3.93	2.12	
July							5.06	4.50	3.08	4.84	
August							4.10	6.15	6.16	2.38	
September							4.99	5.98	7.30	7.85	
October							4.51	2.93	4.67	4.65	
November							2.80	3.74	5.81	4.95	
December							5.55	6.53	8.33	6.25	
TOTALS							50.74	54.38	61.34	56.10	

1896 Tighnabruaich Church 1 mile W

Bushes 4 ft high all round

1897 Kelfinian Ch 9 miles N.W

House 40 ft high 28 ft S.W

Trees 30 " 12 ft 16 " S.W

RAINFALL AT *Tighnabruaich Craigandaraich*

Lat.

Lon.

County of

Argyll

Copper Side tube Rain Gauge, by
Tim of Clyde - 12.

Observer

A. Cousland Esq

Diameter						12	12				
Height						5 - 0	5 0				
Altitude						50	50				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						2.25	4.41	2.05	3.77	7.46	
February ....						.64	3.79	3.73	7.59	3.32	
March						4.59	9.31	6.11	3.19	4.81	
April						3.63	3.20	3.03	3.95	6.25	
May .....						.51	1.02	3.37	4.01	2.81	
June						2.54	2.94	7.67	4.09	2.15	
July						4.87	5.31	4.53	3.13	5.05	
August						8.94	4.06	6.59	6.75	2.46	
September						2.41	5.22	6.04	7.54	8.12	
October						4.64	4.69	3.14	5.26	5.25	
November						6.25	3.06	3.94	6.81	5.23	
December						7.14	6.05	6.77	8.78	6.93	
TOTALS						48.41	53.06	56.97	64.87	59.84	

Tighnabruaich Church 1 mile W

Bushes 4 ft high all round

Ash tree 30 ft high 10 ft S W

House 40 " " 28 " S W

1897 Kilfinan Church 9 miles N.W.

RAINFALL AT

{ Dunoon George Terrace
Dunoon Elmbank.

Lat.

Lon.

County of

Argyllshire

Rain Gauge, by

Observer

Dr. J. Banks

(per J. Cairns Mitchell Esq.)

Firth of Clyde - 12.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	16.34	8.08	8.07	.70	11.38	2.37	5.97	2.27	7.53	11.43	
February	2.27	3.06	5.31	6.81	16.23	1.37	4.64	6.35	9.27	4.74	
March	8.50	8.33	1.98	4.45	7.66	6.75	12.04	8.44	4.86	6.67	
April	3.15	2.77	2.83	3.01	1.33	4.76	4.66	4.15	5.88	7.36	
May	3.74	3.28	7.83	4.26	5.42		.89	3.56	3.12	4.38	
June	9.12	2.65	6.51	6.53	4.14	2.76	5.61	8.34	4.65	2.74	
July	6.73	2.22	4.93	7.62	5.27	6.54	4.97	5.00	1.93	5.76	
August	5.32	9.24	9.82	6.11	5.68	9.83	4.01	9.31	7.14	2.22	
September....	11.69	12.15	12.71	5.78	.13	3.28	7.14	6.14	8.93	8.77	
October	9.14	8.59	5.96	9.30	5.09	4.40	3.73	3.43	7.12	8.07	
November....	16.86	8.32	10.07	7.91	9.67	7.94	3.94	7.02	8.69	8.49	
December	2.05	14.52	3.26	10.10	8.73	11.14	11.56	10.16	12.70	8.50	
TOTALS . . .	94.91	83.21	79.28	72.58	80.73		69.16	74.17	81.82	79.13	

Nov. (from 15th.) 3.35

1889. Dec. 9.00

Gauge moved from George Terrace to Elmbank in 1895.

RAINFALL AT Holy Loch Rosmor

Lat. Lon. County of Argyll

Rain Gauge, by Finn of Clyde, etc - 12. Observer W. R. W. Smith Esq

Diameter	5										
Height	1 1										
Altitude	30										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	14.52	8.71	9.26								
February	1.90	2.00	4.13								
March	6.94	5.83	1.63								
April	2.30	2.05	2.37								
May	3.42	3.08	7.07								
June	7.67	2.68	6.29								
July	5.61	1.92	3.84								
August	4.59	8.49	9.07								
September....	8.93	11.45	10.50								
October	6.58	9.49	5.94								
November....	15.66	7.88	9.07								
December	1.53	13.67	4.99								
TOTALS	79.65	77.25	73.66								

RAINFALL AT *Loch Eck Benmore*

Lat. Lon. County of *Argyll*
 Rain Gauge, by Observer *Sir A. Gardiner Bt*
Firth of Clyde - 12. *H. J. Gainger Esq*

Diameter		5									
Height		10									
Altitude			40								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	(17.20)	8.00	11.28	7.11	15.85	1.85	7.12	2.40	9.54	11.59	
February	(24.0)	2.62	5.08	10.34	16.82	1.27	6.46	7.29	10.71	6.18	
March	(9.00)	7.65	2.60	5.07	6.71	6.59	11.78	12.10	4.90	8.48	
April	(3.40)	2.94	2.47	3.36	3.30	5.23	4.76	5.92	7.71	7.77	
May	(3.90)	2.80	8.79	4.10	5.01	.73	1.27	4.60	3.15	4.68	
June	(9.60)	3.50	7.41	1.98	3.97	3.01	5.12	10.03	6.24	2.91	
July	(7.10)	2.24	4.55	8.32	5.03	6.04	6.78	6.94	4.00	6.27	
August	(5.60)	9.82	10.78	7.57	7.11	10.81	4.67	9.32	8.95	2.51	
September	(12.30)	11.82	10.44	6.58	.13	3.85	8.39	6.40	11.53	9.50	
October	(9.60)	10.02	7.19	11.86	3.81	6.09	5.95	5.49	6.38	7.46	
November	(17.80)	9.22	8.97	8.21	10.70	10.78	4.25	7.99	10.07	12.62	
December	(2.10)	14.55	5.51	11.68	8.69	9.59	13.19	11.59	15.14	9.82	
TOTALS	(100.00)	85.18	85.07	86.18	87.13	65.84	79.74	90.07	98.32	89.79	86.732

1891 Kilman Church 4 Miles S

Hedge 8 ft high 15 yards E

1890 raised up from Dunoon

* Computed from Annotator & Interimary

RAINFALL AT *Sanda*

Lat. Lon. County of *Argyll* *Insular*
 Rain Gauge, by Observer *Board of Northern Lights*
Insular - 14.

Diameter ....	....										
Height .....	....										
Altitude ....	....										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	1.72	1.44	1.89	1.40	2.22	1.60		27	1.15			
February ....	.54	.23	1.21	2.16	1.10	.00		2.28	1.78			
March	1.31	2.31	.15	1.02	1.75	2.70		1.49	.93			
April .....	.67	1.08	.53	1.29	.41	1.18		.77	2.16			
May	1.87	2.52	2.28	1.08	1.59	.15		.84	1.94			
June	3.04	.55	3.27	1.34	1.15	.78	1.66	1.72	1.77			
July	2.30	2.37	2.00	2.65	1.46	1.00	3.18	3.05	.77			
August	2.67	3.15	4.11	3.23	.91	1.45	1.23	3.50	2.18			
September....	2.19	3.65	2.65	1.35	.00	.25	1.54	3.69	1.96			
October	1.51	2.21	1.67	2.34	.80	.85	.75	.83	2.30			
November	4.75	2.94	1.39	1.05	1.58		.26	1.82	1.51			
December	1.00	2.24	.70	.97	1.25		2.61	3.33	1.43			
TOTALS	23.57	24.69	21.85	19.88	14.22			23.59	19.88			

RAINFALL AT Gigha

Lat.

Lon.

County of Argyll

Rain Gauge, by

Observer A. Hugh Douglas Esq

Insular - 14.

Diameter							5				
Height							1 - 6				
Altitude							40				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								1.26	2.53	4.55	
February								2.63	3.64	2.61	
March							# 5.70	3.36	2.01	3.98	
April							2.13	1.77	2.74	4.28	
May .....							.85	2.26	2.47	2.83	
June							3.02	6.46	2.63	1.83	
July							3.83	2.16	1.07	3.99	
August							2.90	6.88	4.42	1.99	
September....							3.55	3.20	5.96	5.14	
October							2.42	1.79	2.99	3.27	
November							1.72	3.02	4.67	2.43	
December							5.37	4.05	4.26	4.57	
TOTALS								38.84	39.39	41.47	

RAINFALL AT Inlay Ardbeg

Lat. Lon. County of Argyll Insular

Rain Gauge, by Observer C Hay Esq
Insular - 14.

Diameter	5											
Height	7 0											
Altitude	46											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.12	3.20	4.06	2.53	4.58	2.61	3.08	1.80	2.50	4.41	3.289	
February ....	.57	.59	2.79	3.80	7.03	.58	2.97	2.48	5.99	2.10	2.920	
March	3.04	3.97	.53	2.37	3.44	4.97	7.23	3.99	2.85	3.58	3.597	
April	1.56	.67	1.57	2.72	1.04	1.93	2.76	1.74	2.20	4.18	2.037	
May	1.81	2.40	5.72	1.45	2.59	.53	.97	2.63	3.91	4.17	2.618	
June	4.43	1.41	3.01	.90	2.69	1.44	3.81	5.55	3.90	1.83	2.897	
July	5.03	1.82	4.78	3.67	2.82	4.55	5.26	2.90	1.76	4.93	3.752	
August	4.07	5.63	4.31	3.68	2.81	4.43	3.35	3.76	5.49	2.48	4.001	
September....	4.57	4.21	5.97	4.50	.56	1.71	4.51	5.08	7.00	7.28	4.539	
October	5.56	3.14	4.29	6.59	1.92	6.10	4.66	2.46	2.43	4.71	4.186	
November....	7.91	3.78	3.51	4.95	4.09	3.08	1.94	2.94	5.36	3.44	4.100	
December ....	.91	5.96	3.61	6.26	4.84	6.04	4.32	5.11	6.66	6.92	5.063	
TOTALS	43.88	36.78	44.15	43.42	38.41	37.97	44.86	40.44	50.05	50.03	42.999	

1890 Kildalton Church 1 mile W
 Rocky Eminence 11 ft high 63 ft NW 1880
 Gauge moved to present position 31 Dec 1889

RAINFALL AT Islay Rhinn

Lat. _____ Lon. _____ County of Argyll Inver

Rain Gauge, by _____ Observer Board of Northern Lights
Inver - 14.

Diameter ....	...										
Height	3 0											
Altitude	74?											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	4.40	1.97	2.48	1.26	4.11	1.15	1.79	1.08	2.58	4.75	2.557	
February ....	.70	.36	1.71	3.06	4.90	.22	2.84	2.49	3.87	1.62	2.177	
March	2.86	2.77	.25	1.41	2.63	2.65	4.22	4.81	1.46	3.08	2.614	
April	1.32	.80	1.07	2.45	1.11	2.77	2.42	1.87	3.44	3.58	2.083	
May	1.51	1.34	4.14	1.66	1.94	.16	.57	2.43	2.05	2.64	1.844	
June	3.73	1.34	3.48	1.62	2.82	.94	2.98	3.95	3.14	1.57	2.557	
July	3.70	1.89	2.17	3.97	3.61	2.81	4.05	2.71	1.77	3.90	3.058	
August	4.03	4.34	4.29	3.38	1.96	3.62	1.44	4.09	3.84	1.73	3.272	
September	4.27	4.14	3.86	3.84	.55	1.44	3.94	3.87	5.22	3.80	3.493	
October	3.37	4.14	3.09	5.31	2.85	3.05	2.74	1.92	2.62	2.22	3.131	
November	7.19	4.07	4.20	3.27	4.12	2.96	2.01	1.92	5.59	2.24	3.757	
December	1.08	5.04	3.31	4.19	4.14	4.48	3.98	5.60	3.74	5.82	4.138	
TOTALS	38.16	32.20	34.05	35.42	34.74	26.25	32.98	36.74	39.32	36.95	34.681	

1850-

N.B. Annual values rejected from Survey Map. 1929.

RAINFALL AT Islay Lochindaun

Lat.

Lon.

County of

Argyll Insular

Rain Gauge, by

Observer

Board of Northern LightsInsular - 114.

Diameter ....	...										
Height .....	...										
Altitude ....	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	8.60	3.41	4.77	2.52	5.02	1.89	3.31	1.50	2.98	5.14	3.914	
February ....	.51	.94	2.30	4.38	7.45	.20	4.12	3.10	5.26	1.62	2.988	
March	4.18	4.39	.80	1.40	3.05	3.76	7.52	5.51	2.68	3.80	3.709	
April	1.46	.54	.93	1.00	.80	2.04	2.84	2.45	1.95	3.30	1.731	
May	1.93	2.00	4.28	.70	1.72	.15	.52	3.11	3.30	2.68	2.039	
June	4.84	1.37	3.25	1.54	2.76	.96	2.79	4.68	3.12	1.52	2.683	
July	4.52	2.07	3.59	.82	2.83	3.99	5.05	3.27	.74	4.03	3.091	
August	5.27	5.39	3.31	3.12	2.38	5.78	2.93	4.24	4.92	1.92	3.926	
September	7.06	4.77	5.23	4.43	.38	2.34	4.75	4.55	7.05	5.73	4.629	
October	6.65	6.55	3.09	4.59	2.04	5.03	4.55	2.31	3.57	4.12	4.250	
November	11.97	4.38	4.87	3.66	5.89	4.21	2.58	2.86	5.91	3.04	4.937	
December	1.02	6.87	4.83	5.59	4.95	6.24	4.63	5.14	5.92	7.62	5.281	
TOTALS	58.01	42.68	41.25	33.75	39.27	36.59	45.59	42.72	47.40	44.52	43.178	

1870 -

RAINFALL AT Islay Mc Arthur's head

Lat.

Lon.

County of ArgyllInsular

Rain Gauge, by

Observer Board of Northern LightsInsular - 14.

Diameter ....	...									
Height .....	...									
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.80	2.41	4.19	2.97	6.06	2.32	2.41	1.80	2.96	3.81	3.273
February ....	.46	1.23	2.23	5.01	8.98	.03	3.72	3.37	4.25	2.81	3.209
March	2.71	3.78	1.40	1.89	5.32	4.18	6.91	3.97	2.26	3.27	3.569
April	1.23	.72	1.57	2.28	1.76	.81	2.00	1.64	2.86	4.28	1.915
May	1.42	1.66	4.90	.98	3.88	.15	1.27	2.82	2.54	2.62	2.224
June	6.62	1.30	3.26	.48	2.47	.28	3.63	4.01	2.53	2.64	2.722
July	3.20	.97	4.12	2.51	3.93	.76	4.04	2.29	1.56	3.41	2.679
August	3.78	5.24	4.11	.82	2.46	1.08	2.99	4.10	5.54	1.25	3.139
September	4.89	6.74	5.67	4.07	.25	.89	3.80	2.68	4.67	5.34	3.900
October	5.99	4.36	3.24	4.74	2.22	1.49	2.82	3.19	3.34	4.13	3.552
November	8.99	4.50	5.50	3.87	6.57	2.94	1.42	2.80	4.49	4.52	4.560
December ....	.92	8.40	4.96	6.38	4.27	3.55	4.05	3.78	5.76	10.83	5.290
TOTALS	45.01	41.31	45.15	36.03	48.17	18.48	39.06	36.45	42.76	48.91	40.130

1870-

RAINFALL AT Islay Callabus

Lat. _____ Lon. _____ County of Argyll Insular

Rain Gauge, by _____ Observer J. S. R. Ballingal Esq
Haughton Esq

Insular - 114.

Diameter	5										
Height	10										
Altitude	68T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.81	3.90	4.61	2.84	5.67	2.92	3.93	2.31	2.86	6.49	4.234
February	1.07	.99	2.24	5.12	7.30	3.27	4.16	2.37	5.53	2.62	3.467
March	3.88	3.87	.66	2.23	3.03	3.75	7.83	6.05	2.43	4.73	3.846
April	1.71	1.66	1.49	1.88	1.56	2.00	2.96	2.02	3.10	4.02	2.240
May	1.76	2.01	4.55	1.66	3.25	2.25	1.10	3.01	3.44	2.31	2.334
June	5.58	1.41	3.10	1.13	2.78	1.00	3.56	4.90	4.28	1.51	2.925
July	3.68	1.67	3.47	3.52	2.86	4.02	5.15	3.43	1.04	4.08	3.292
August	5.42	5.69	4.62	4.05	2.91	5.21	3.21	4.89	4.80	2.18	4.298
September....	6.31	4.60	5.96	4.49	.43	2.87	5.07	4.42	6.51	5.63	4.620
October	5.17	6.11	5.39	6.77	3.28	5.25	4.56	3.21	3.00	4.48	4.722
November....	9.23	5.22	5.29	3.94	5.68	6.12	2.39	3.29	7.18	3.03	5.137
December	1.39	7.21	2.94	7.07	4.87	6.75	5.45	5.77	7.63	7.59	5.667
TOTALS	52.01	44.34	44.32	44.70	43.62	43.41	49.37	45.67	51.80	48.67	46.191

1891 Bownmore Church 3 1/2 mile SW
Thorn Hedge 57 ft high 15 1/2 ft N

Mar to June 1895 estimated

RAINFALL AT *Jolay Gruinart School House*

Lat.

Lon.

County of *Argyll Insular*

Rain Gauge, by *old Gauge Insular - 14.*

Observer *M D MacGie*

Diameter	5										
Height	1 0										
Altitude	2 1/4 M										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.65	4.31	5.66	4.08	3.28	1.30	3.29	1.09	2.15	1.62	
February	1.03	.86	2.42	8.17	5.57	1.56	4.20	.91	3.82	1.82	
March	3.67	3.77	1.33	3.98	2.09	1.15	7.05	1.97	1.35	2.60	
April	1.75	1.33	1.23	3.18	.44	.89	2.66	1.27	1.91	1.52	
May	1.69	1.77	5.60	1.93	.84	.07	.38	1.41	1.92	1.48	
June	5.25	1.86	4.56	1.43	.83	.35	3.06	1.67	1.75	1.06	
July	3.58	2.34	4.07	3.18	1.39	3.66	3.91	1.00	.96	2.14	
August	5.10	7.13	4.21	4.08	2.21	5.03	3.15	2.63	2.71	1.41	
September....	6.76	4.05	6.57	4.95	.29	1.99	3.60	2.82	3.50	2.27	
October	5.02	8.25	5.90	6.96	1.22	3.43	2.24	1.73	2.44	2.49	
November	10.23	5.69	7.28	3.48	2.86	4.63	1.25	2.43	2.09	1.39	
December	1.47	7.21	5.34	4.66	1.56	6.06	2.09	4.16	2.10	2.00	
TOTALS	53.20	48.57	54.17	50.08	22.58	30.12	36.88	23.09	26.70	21.80	

1890 Milehousem Chund 5 Miles SW

House 26ft high 50 ft NW

1891 New Rain Gauge placed beside old -

1894 Total only about half what it should be

1897 Ten or twelve inches short

1898 Not printed probably ten inches too small.

1899 " "

RAINFALL AT *Islay Rhuvaal*

Lat.

Lon.

County of

Argyll Insular

Rain Gauge, by

Observer

Board of Northern Lights

Insular-14.

Diameter ....	...									
Height .....	...									
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.94	3.25	2.60	1.70	.37	.20	3.48		6.15	8.64	
February	1.25	.35	.65	4.30	.45	.10	3.89		6.57	2.69	
March	4.45	2.40	.20	1.50	4.30	3.80	6.67		2.24	5.13	
April	1.22	.65	1.11	1.40	.70	2.10	4.97		2.54	5.78	
May	1.80	.85	1.74	1.30	2.30	.20			2.79	2.32	
June	4.95	1.15	.35	.50	2.70	.20		# 4.53	4.10	1.40	
July	2.40	1.45	.33	2.90	4.40	3.90		4.43	2.16	4.53	
August	3.40	4.65	.42	4.20	2.30	4.40		5.17	4.98	2.31	
September....	6.20	6.30	.60	4.00	.00	3.10		6.41	8.60	8.35	
October	5.35	4.60	.32	6.60	1.50	2.00		2.42	4.35	6.87	
November....	5.60	5.75	.49	3.30	5.90	4.05		3.93	8.14	6.74	
December	1.45	7.60	.25	5.90	4.30	4.36		5.85	11.88	9.38	
TOTALS	42.01	39.00	9.06	37.60	29.22	28.41			64.50	64.14	

1892 Utterly unreliable

RAINFALL AT Jura Arafm

Lat.

Lon.

County of Argyll Inular

Rain Gauge, by

Observer Miss E. Campbell

Inular - 14.

Diameter	5										
Height	0 6										
Altitude	130										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.59	4.31	7.27	3.83	7.08	2.88	4.21	2.08	3.89	(4.80)	4.894
February ....	.71	.78	3.05	6.08	9.09	2.93	5.08	4.00	4.00	(3.00)	3.872
March	3.29	4.95	1.70	3.43	4.49	5.68	6.87	5.42	5.60	(5.70)	4.713
April	1.68	1.00	1.62	1.41	2.39	3.25	2.68	3.04	6.00	7.15	3.022
May	1.92	2.55	5.92	2.51	3.29	.95	2.00	3.12	3.15	4.50	2.991
June	7.30	1.90	5.85	1.23	2.75	1.39	3.34	5.46	3.50	3.35	3.607
July	4.47	1.66	4.08	6.02	3.81	5.79	6.76	2.71	5.10	2.57	4.297
August	5.21	7.67	5.24	5.46	3.68	5.34	4.53	4.97	6.22	2.55	5.087
September....	6.87	6.64	6.16	5.48	.25	2.48	6.08	6.05	7.50	3.50	5.101
October	5.73	6.77	4.69	7.68	3.43	6.09	4.66	3.47	5.50	(4.30)	5.232
November....	10.33	6.03	4.69	5.39	8.00	6.38	2.66	3.34	6.50	(9.15)	5.817
December	2.07	8.71	4.62	7.56	6.39	7.29	7.82	6.36	7.70	5.50	6.402
TOTALS	58.17	52.97	54.89	56.08	54.65	50.45	56.69	50.02	64.66	51.77	55.035

RAINFALL AT Jura Bay of Small Isles
Lat. Lon. County of Argyll Insular
Rain Gauge, by Observer H. Evans Esq
Insular - 14.

Diameter ....	...										
Height .....	...										
Altitude ....	...	80?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	10.00	5.00	8.30	4.50	9.00	3.50	4.50	2.00	5.00	6.50	5.830	
February	1.00	1.20	3.60	8.00	10.20	.00	5.40	4.50	9.00	3.50	4.640	
March	6.00	6.20	1.20	4.40	6.00	6.30	9.70	6.00	3.00	7.20	5.600	
April	1.50	1.80	1.80	3.20	2.20	3.70	4.00	3.50	4.00	7.00	3.270	
May	2.00	2.40	6.00	2.80	3.50	.00	1.00	3.20	5.00	4.50	3.040	
June	7.50	1.80	4.50	7.00 ²	3.00	1.00	4.20	8.00	5.00	2.30	4.430	
July	5.30	1.30	6.50	5.00	4.30	6.00	5.50	3.30	2.20	4.80	4.420	
August	5.10	7.30	5.00	5.30	4.20	8.00	4.30	6.20	7.00	4.00	5.640	
September....	10.00	6.50	7.50	11.50 ²	.00	3.00	7.10	8.30	11.00	7.20	7.210	
October	8.30	6.10	5.00	9.00	3.00	2.50	5.90	3.10	6.00	5.50	5.440	
November	13.00	6.20	6.00	7.00	8.00	7.50	2.50	5.00	7.50	7.00	6.970	
December	1.50	9.00	5.00	9.20	7.70	10.00	7.70	8.00	9.00	10.10	7.720	
TOTALS	71.20	54.80	60.40	76.90 [?]	61.10	51.50	61.80	61.10	73.70	69.60	64.210	

1893 Total ten inches too much 1880-

RAINFALL AT Jura Lowlandmansbay

Lat. _____ Lon. _____ County of Argyll Insular

Rain Gauge, by _____ Observer Board of Northern Lights
Insular - 14.

Diameter . . . .	. . .									
Height . . . . .	. . .									
Altitude . . . .	. . .									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.03	4.45	5.51	2.67							
February . . . .	.82	.79	3.06	6.54							
March	5.20	5.34	.82	2.85							
April	2.75	.70	1.39	2.17							
May	1.16	2.82	6.51	2.80							
June	6.10	.68	2.53	1.02							
July	3.76	1.50	4.73	4.61							
August	4.02	4.00	4.25	2.37							
September	6.32	6.14	6.92	4.08							
October	7.63	6.29	3.79	8.48							
November	10.78	5.68	4.87	4.10							
December	1.86	8.88	2.72	8.97							
TOTALS	60.43	47.27	47.10	50.66	not Received						

RAINFALL AT *Jura Fladda*

Lat.

Lon.

County of

Argyll Insular

Rain Gauge, by

Observer

Board of Northern Lights

Insular - 14.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	11.10	4.85	6.60	5.65	8.30	1.90	3.70	1.80	5.63	6.25	5.578
February ....	.50	2.00	2.40	4.10	7.90	.60	5.10	5.60	6.53	3.92	3.865
March	6.70	5.15	.40	3.10	5.90	6.20	10.70	6.60	4.57	7.44	5.676
April	1.85	.55	1.50	1.50	1.40	3.30	4.30	4.10	3.84	6.95	2.929
May	1.60	1.55	6.05	3.10	3.30	.70	1.10	4.70	3.53	2.77	2.840
June	7.85	1.50	3.95	.20	4.70	1.20	3.90	7.40	3.93	3.25	3.788
July	4.85	1.60	5.25	8.45	4.50	4.50	5.70	6.70	1.94	6.50	4.999
August	5.40	7.15	4.05	6.60	6.30	6.70	5.90	5.50	8.14	2.92	5.866
September	9.40	8.00	9.90	5.40	.00	3.03	6.00	4.75	10.62	10.26	6.736
October	9.40	7.35	3.80	9.20	3.00	3.20	3.70	3.40	5.77	7.89	5.671
November	12.25	4.50	6.80	5.70	10.00	5.20	2.70	4.18	8.38	9.13	6.884
December	1.85	10.40	4.95	8.40	7.00	5.90	8.20	5.16	14.59	9.00	7.545
TOTALS	72.75	54.60	55.65	61.40	62.30	42.43	61.00	59.89	77.47	76.28	62.377

1870-

RAINFALL AT Lismore Mousdale

Lat. _____ Lon. _____ County of Argyll Insular

Rain Gauge, by _____ Observer Board of Northern Lights
Insular - 14.

Diameter . . . .	...									
Height	3 4										
Altitude	37?										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.26	3.40	4.04	2.25	6.62	.89	4.01	.90	5.05	6.15	4.157
February . . . .	.28	1.20	1.34	3.78	6.82	.00	3.47	3.99	4.04	3.64	2.856
March	6.35	1.85	.85	1.75	4.63	3.35	6.90	5.98	2.63	4.25	3.854
April	1.94	.30	1.35	2.80	1.57	2.84	1.92	2.17	3.35	5.27	2.351
May	1.90	2.02	6.31	2.70	2.58	.63	.85	3.10	2.33	2.26	2.468
June	4.89	1.80	2.81	.44	3.42	.86	3.52	3.00	2.26	1.02	2.402
July	3.86	1.84	3.17	4.80	2.68	4.23	2.90	3.55	1.10	3.42	3.155
August	4.45	3.50	3.89	3.94	3.74	5.37	2.60	4.06	3.87	2.07	3.749
September	2.85	6.87	6.34	3.75	.50	2.90	4.32	3.84	6.62	5.70	4.369
October	6.76	6.44	2.97	5.59	1.82	2.41	2.07	3.05	3.06	4.38	3.855
November	6.75	3.42	5.99	2.92	5.62	4.42	2.77	3.25	4.23	5.72	4.509
December . . . .	.57	8.20	1.76	7.56	4.29	3.83	5.24	5.12	9.73	4.86	5.116
TOTALS	48.86	40.84	40.82	42.28	44.29	31.73	40.57	42.01	48.27	48.74	42.841

1850-

RAINFALL AT Mull Earraid = Dhuheartach

Lat.

Lon.

County of Argyll Insular

Rain Gauge, by

Observer Board of Northern Lights

Insular - 14.

Diameter ....	...									
Height .....	...									
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.80	2.90	3.05	2.24	3.03		1.53	(1.00)			
February ....	.70	1.15		1.39	4.14		4.70	1.40			
March	5.10	.55	.30	2.11	2.67		3.94	3.25			
April .....	.55	.10	.45	.84	.45		.20	1.80			
May	1.40	.45		1.28	2.88		.62	1.69			
June	4.90	1.32		.37	3.26		2.17	2.65			
July	4.65	.40		1.30	4.16		4.60	4.79			
August	5.97	1.70		2.14	2.63		5.13	2.76			
September	4.30	3.06		3.69	.30		6.55	4.18			
October	6.54	2.50		2.65	3.22		1.69	1.77			
November	6.31	1.90	3.34	2.13	7.82		1.25	1.87			
December ....	.75	1.97	2.72	1.85	4.22		1.80	4.60			
TOTALS	47.97	18.00		21.99	38.78		34.18	(31.76)			

Jan 1897 Value roughly estimated

15 miles SW of Inver.

N. B. annual values rejected from Survey Map. 1929.

RAINFALL AT Null, Dunessan

Lat. Lon. County of Argyll

Rain Gauge, by Observer Duncan Cameron Esq

Insular - 14.

Diameter									5		
Height									1.6		
Altitude									50		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September....											
October.....											
November....											
December											
TOTALS . . .									62.08	62.18	

RAINFALL AT Muell Lochbuie

Lat. Lon. County of Argyll

Rain Gauge, by Inular - 14. Observer The MacLaine of L. Dr Buchan F.R.S.

Diameter											
Height											
Altitude								20			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								1.46	9.84	12.17	
February								5.96	9.93	4.23	
March								8.47	3.67	5.49	
April							# 5.73	3.79	5.79	11.21	
May							1.16	4.66	5.03	3.08	
June							4.74	8.47	5.45	5.07	
July							6.73	6.67	3.60	5.53	
August							6.33	6.07	10.29	4.01	
September							7.97	7.75	13.32	11.86	
October							5.47	4.85	5.02	10.58	
November							5.61	5.48	6.74	9.42	
December							10.15	9.61	11.94	10.70	
TOTALS								73.24	90.62	93.35	

RAINFALL AT Mull, Knock

Lat. Lon. County of Argyll

Rain Gauge, by Observer Duncan Cameron Esq.

Insular - 14.

Diameter									5		
Height									1.6		
Altitude									50		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January											
February											
March											
April											
May											
June											
July											
August											
September....											
October.....											
November....											
December											
TOTALS									89.07	84.80	

RAINFALL AT Mull Quinish

Lat.

Lon.

County of Argyll Insular

Rain Gauge, by

Observer

J. N. Forsyth Esq

Insular - 14.

Diameter	5											
Height	0 9											
Altitude	35											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	10.05	5.84	6.67	3.34	6.74	1.70	3.79	1.56	5.41	5.74	5.084	
February	1.05	2.38	1.99	5.87	7.53	.43	4.16	3.30	6.80	4.19	3.770	
March	6.87	4.19	1.58	3.15	5.14	4.27	7.47	7.55	3.28	5.55	4.905	
April	2.25	1.46	1.99	1.80	1.75	2.96	2.93	3.74	4.27	5.12	2.827	
May	2.07	1.54	6.15	3.02	4.20	.84	1.52	3.95	2.76	2.39	2.844	
June	6.64	2.02	3.25	.65	3.88	.77	4.82	3.28	3.55	3.23	3.209	
July	6.05	2.36	4.37	5.05	4.75	5.12	4.43	4.99	2.91	4.00	4.403	
August	5.88	7.62	5.12	3.67	5.71	5.95	6.36	4.12	6.45	1.86	5.274	
September	5.86	7.11	7.37	4.85	.14	5.42	5.78	5.84	7.05	6.90	5.632	
October	7.83	8.37	4.25	9.31	2.43	4.23	4.58	3.59	3.93	4.66	5.318	
November	10.06	5.89	7.06	4.41	9.17	6.54	4.92	4.05	6.10	6.13	6.433	
December	1.51	9.74	3.92	8.55	5.80	5.81	6.48	6.35	9.64	8.16	6.596	
TOTALS	66.12	58.52	53.72	53.67	57.24	44.04	57.24	52.32	62.15	57.93	56.295	

1893 Kilmore Church 2 miles SE
Shrubs 5 ft high 120 ft N.W.

1880

RAINFALL AT Mull Sound of

Lat.

Lon.

County of

Argyll Insular

Rain Gauge, by

Observer

Board of Northern Lights

Insular - 114.

Diameter ....	...									
Height .....	...									
Altitude ....	...									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.67	3.01	6.90	2.95	7.65	.70	2.12	1.22	8.69	8.07	4.998
February ....	.85	2.88	1.70	3.47	7.40	.53	3.69	3.18	8.51	4.31	3.652
March	7.35	3.17	.80	2.98	5.72	5.97	4.23	5.79	5.00	6.07	4.708
April	2.80	.20	.40	.25	1.60	1.14	5.79	3.76	3.73	6.80	2.647
May	1.95	.54	4.85	4.10	5.00	.00	.57	3.36	3.31	3.25	2.693
June	6.90	1.00	3.00	.04	4.79	.00	2.48	1.00	4.10	2.82	2.613
July	6.87	1.95	2.60	5.10	6.05	1.85	3.77	6.16	4.17	5.13	4.365
August	6.00	5.65	4.20	2.50	6.10	4.06	3.20	4.02	7.22	2.30	4.525
September....	6.95	7.15	7.30	5.55	.00	4.29	3.95	7.03	9.46	9.26	6.094
October	9.80	6.60	3.65	11.03	3.00	2.16	3.03	4.05	4.62	6.09	5.403
November	8.53	6.15	6.95	3.05	13.55	3.14	5.59	4.86	6.90	9.61	6.833
December	2.00	9.30	4.10	11.80	2.49	2.03	5.25	8.90	13.65	8.02	6.754
TOTALS	68.67	47.60	46.45	52.82	63.35	25.87	43.67	53.33	79.36	71.73	55.285

RAINFALL AT

Kerrymore

Lat.

Lon.

County of

Argyll

Rain Gauge, by

Observer

Bd of Northern Lights

Inular - 14.

Diameter											
Height											
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.30	5.17	3.96								
February	1.05	4.25	1.92								
March		2.16	1.15								
April	2.00	.95	1.63								
May	1.60	8.49	5.76								
June	6.23	15.25	#								
July	6.21	1.17									
August	6.27	4.94									
September	5.80	7.44									
October	8.85	6.55									
November	12.80	4.82									
December	6.64	6.78									
TOTALS		67.97									

1891 Utterly unreliable

RAINFALL AT Goll Arnagour Hotel

Lat. Lon. County of Argyll Insular

Rain Gauge, by Observer Mr Mc Kinnon
Insular - 14.

Diameter	5										
Height	1 6										
Altitude	15										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.47										
February	1.34										
March	4.49										
April	1.33										
May	1.37										
June	4.25										
July	5.04										
August	4.85										
September....	4.28										
October	5.99										
November	9.02										
December	2.15										
TOTALS	50.58										

1890 Coll Church 4 1/2 Miles N W
House 30ft high 90ft N

RAINFALL AT

Coll The Manse

Lat.

Lon.

County of *Argyll*

Rain Gauge, by

Observer

Rev N MacDougall

Insular - 14.

Diameter			5								
Height			10								
Altitude			100								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			5.50	3.50	7.55						
February			1.38	7.35	6.40						
March			1.23	1.85	3.15						
April			1.68	2.20	1.66						
May			6.58	1.95	2.55						
June			2.45	3.55	2.50						
July			2.15	3.75	3.47						
August			4.85	4.75	5.28						
September....			6.10	6.50	.04						
October			3.45	7.75	2.90						
November....			7.10	3.45	7.60						
December			3.82	6.78	6.83						
TOTALS			46.29	53.38	49.93	<i>no reply</i>					

1892 Coll Church on the spot N
 Manse 32 ft high 42 ft N

