





# RAINFALL AT Mull of Galloway

Lat. .... Lon. .... County of Wigton

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

Diameter . . . . .	...											
Height . . . . .	...											
Altitude . . . . .	...											
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . . . .	6.62	1.89	1.66	1.03	3.91	1.76	1.96	1.93	1.46	3.15	2.537	
February . . . . .	1.34	.32	.56	2.26	4.56	.46	1.31	1.98	3.01	1.64	1.744	
March . . . . .	2.39	1.96	.17	1.33	2.04	2.80	2.71	3.34	1.17	1.97	1.988	
April . . . . .	.94	1.94	.54	.91	2.20	2.72	1.58	2.42	2.35	2.49	1.809	
May . . . . .	2.05	2.23	3.43	1.29	3.09	.16	.33	1.09	2.32	4.34	2.033	
June . . . . .	2.70	1.31	1.80	1.63	3.67	.27	3.28	3.61	1.35	1.66	2.128	
July . . . . .	1.63	1.41	2.78	2.69	.93	1.43	4.99	1.15	.49	2.39	1.989	
August . . . . .	1.25	6.36	5.48	2.05	2.83	4.67	1.42	3.31	3.67	1.43	3.247	
September . . . . .	2.80	3.02	3.89	2.22	.10	.12	3.72	1.66	1.97	3.03	2.253	
October . . . . .	3.71	3.48	4.19	3.16	4.67	4.25	2.59	1.61	2.30	2.01	3.197	
November . . . . .	7.42	3.74	3.03	2.18	3.37	3.33	1.16	3.07	3.25	1.98	3.253	
December . . . . .	3.21	3.99	3.28	4.17	4.14	2.79	4.96	3.94	2.35	5.00	3.783	
TOTALS . . . . .	36.06	31.65	30.81	24.92	35.51	24.76	30.01	29.11	25.69	31.09	29.961	

1890 -



# RAINFALL AT Loch Ryan Lighthouse

Lat. ....

Lon. ....

County of Wigton

Rain Gauge, by .....

Observer Board of Northern Lights

Loch Ryan - 1.

Diameter ....	...										
Height .....	...										
Altitude ....	...										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.23	2.25	1.80	1.85	4.08	2.08	2.22	1.19	1.42	3.13	2.425
February ....	1.15	.20	1.70	3.22	4.92	.04	1.18	1.64	2.57	1.96	1.858
March .....	1.90	2.25	.35	1.75	1.78	5.49	3.74	4.67	.84	2.43	2.520
April .....	.40	3.10	.50	1.40	.88	3.45	1.10	1.71	1.92	3.32	1.778
May .....	1.90	2.00	6.75	1.12	1.93	.30	.58	1.13	2.77	3.33	2.181
June .....	5.40	1.00	3.32	1.35	2.70	.48	3.14	3.98	2.09	2.18	2.564
July .....	4.00	1.30	2.80	3.62	2.87	2.72	5.76	1.58	.41	2.58	2.764
August .....	2.10	5.95	4.30	4.23	2.71	5.71	1.73	4.70	4.31	.62	3.636
September ....	4.40	5.60	2.37	1.80	.12	.56	3.52	2.90	4.97	2.11	2.835
October .....	2.65	7.70	4.12	3.80	4.39	3.89	2.08	1.79	1.94	1.66	3.402
November ....	11.37	6.01	4.33	2.67	3.62	4.06	1.55	2.91	5.00	2.68	4.420
December ....	3.40	8.80	2.42	5.29	3.16	2.70	4.84	4.60	3.17	4.37	4.275
TOTALS ....	42.90	46.16	34.76	32.10	33.16	31.48	31.44	32.80	31.41	30.37	34.658

N. B., Annual values rejected from Survey made 1929.



# RAINFALL AT Corsewall

Lat. ....

Lon. ....

County of Wigton

Rain Gauge, by .....

Observer Board of Northw Lights

Western Galloway - 2.

Diameter ....	...										
Height .....	3 4										
Altitude ....	22 ?										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.47	1.59	3.83	1.83	1.94	1.00	1.75	.33	1.25	3.41	1.940
February ....	1.21	.00	1.33	3.00	4.60	.00	2.10	.93	2.99	1.81	1.797
March .....	1.49	2.53	.70	1.47	1.03	2.02	4.38	3.71	.97	1.58	1.988
April .....	.31	1.78	.15	.89	.73	1.16	1.55	1.37	1.41	3.60	1.295
May .....	2.38	1.69	2.93	1.50	1.49	.20	.92	1.58	3.13	3.83	1.965
June .....	2.89	1.27	2.38	.86	4.04	1.70	3.19	4.62	2.44	1.85	2.524
July .....	2.43	1.63	1.16	3.46	.41	2.23	4.99	1.90	.42	2.03	2.066
August .....	1.12	7.15	2.33	3.14	2.17	5.89	2.16	5.92	3.67	2.81	3.636
September....	2.34	2.21	2.94	2.33	.00	.35	3.60	3.43	6.39	4.24	2.783
October .....	.98	2.14	2.36	3.19	4.26	2.36	2.94	2.66	3.00	2.20	2.609
November ....	5.91	1.97	3.28	1.21	1.98	4.46	1.47	3.07	4.61	2.58	3.054
December ....	1.30	3.79	2.21	2.20	2.03	3.29	3.24	4.77	3.99	5.13	3.195
TOTALS ....	24.83	27.75	25.60	25.08	24.68	24.66	32.29	34.29	34.27	35.07	28.852

Hydro. No 63825860



# RAINFALL AT Stoney Kirk Ardwell House

Lat. ....

Lon. ....

County of Wigton

Rain Gauge, by .....

Observer M. J. Stewart Esq M.D.

Luce Bay - 3.

Diameter ....	8										
Height .....	10		50					39			
Altitude ....	125							107			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.62	1.73	4.45	2.09	5.06	2.66	2.44	1.94	1.58	4.40	2.997
February ....	1.94	.44	1.36	3.52	2.81	1.75	1.87	2.37	2.06	2.31	2.042
March .....	1.89	2.64	.53	1.43	.44	3.88	2.84	4.86	1.16	2.04	2.171
April .....	1.03	2.60	1.23	1.65	1.98	2.12	1.41	2.37	1.36	3.22	1.897
May .....	2.94	2.26	4.82	1.16	2.90	.41	.61	1.89	2.46	3.90	2.335
June .....	3.16	.79	3.11	1.67	3.87	1.40	4.34	4.92	2.09	2.06	2.741
July .....	2.84	.52	2.72	4.16	2.12	2.48	6.51	1.73	.54	2.49	2.611
August .....	2.94	6.74	7.01	5.00	2.11	4.47	1.92	5.52	4.50	1.85	4.206
September....	2.53	2.70	3.15	2.44	.21	.63	3.80	4.50	4.22	4.17	2.835
October .....	2.59	6.47	4.34	2.60	4.66	4.86	2.15	2.44	2.64	2.37	3.512
November ....	9.74	5.11	2.72	3.56	2.04	4.29	1.14	3.60	3.27	2.79	3.826
December ....	2.64	3.79	3.42	3.41	2.88	3.06	5.13	4.48	2.44	4.71	3.596
TOTALS ....	37.86	35.79	38.86	32.69	31.08	32.01	34.16	40.62	28.32	36.31	34.770

1890 Stoney Kirk 5 1/2 miles N  
 trees 6 to 10 ft high 12 to 15 ft around



# RAINFALL AT Whithorn Cutroach

Lat. 54° 43' N

Lon. 4° 24' W

County of Wigton

Rain Gauge, by

Observer

J. G. Martin Esq.

Cree & W. Bay - 4.

Diameter . . . .						5	.	.	5		
Height . . . . .						6	.	.	6		
Altitude . . . .						120	.	.	120		
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . . .						1.78	2.43	1.55	2.40	4.48	
February . . . .						1.15	1.64	2.91	3.05	1.85	
March . . . . .						3.18	4.03	4.29	.99	2.34	
April . . . . .						2.57	1.70	2.58	2.16	2.44	
May . . . . .						.43	.53	1.27	3.16	4.64	
June . . . . .						.63	3.87	4.71	1.87	2.73	
July . . . . .						3.42	5.48	1.46	.54	2.58	
August . . . . .						5.43	2.42	3.82	5.07	1.30	
September . . . .						.81	4.02	4.25	3.33	4.62	
October . . . . .						3.93	3.27	2.46	3.45	2.28	
November . . . .						3.57	1.85	3.73	4.43	3.21	
December . . . .						4.00	4.65	5.85	4.11	5.53	
TOTALS . . . .						30.90	35.89	38.88	34.56	38.00	

1895 February approximate fall as only snow fell during the month

Whithorn Church 4 1/2 mile N.W.

House 18 ft high 40 ft S.W.

Hedge 10 " " 30 " S.E.

Tree 10 " " 26 " N



# RAINFALL AT Garliestown Galloway House

Lat. ....

Lon. ....

County of Wigton

Rain Gauge, by .....

Observer Mr J Day

Cree & W. Bay - 14.

Diameter ....	5											
Height .....	4 6											
Altitude ....	20?											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	4.68	1.95	3.77	1.65	3.97	2.06	2.51	2.39	2.74	4.34	3.006	
February ....	1.00	.38	1.15	4.68	4.68	1.27	1.96	2.67	3.57	2.20	2.356	
March .....	2.39	1.94	.83	1.84	1.86	3.22	4.58	5.93	.92	2.17	2.568	
April .....	1.23	2.08	.94	1.42	2.32	2.68	1.84	2.82	2.96	3.81	2.210	
May .....	2.66	1.06	3.93	1.51	2.64	.61	.56	1.37	2.92	4.34	2.160	
June .....	3.59	1.59	3.52	1.40	3.92	1.01	4.55	5.61	1.71	2.83	2.973	
July .....	2.65	.53	2.91	3.67	1.77	4.33	5.58	1.76	.40	2.54	2.614	
August .....	3.55	5.92	5.64	4.10	3.92	6.75	2.09	4.60	6.44	1.87	4.488	
September ....	3.31	3.69	4.32	2.17	.21	1.04	4.13	4.38	4.16	4.96	3.237	
October .....	2.25	5.64	3.40	3.40	6.71	4.17	3.67	2.33	3.14	2.21	3.692	
November ....	9.12	5.37	3.89	2.11	4.01	4.59	2.19	3.43	4.07	4.36	4.314	
December ....	2.51	6.75	2.22	4.31	4.49	4.71	5.83	8.19	4.53	5.47	4.901	
TOTALS ....	38.94	36.90	36.52	32.26	40.50	36.44	39.49	45.48	37.56	41.10	38.519	

1890 Sorbie Church 1 1/2 mile NW  
 wall 12 ft high 25 ft NW



RAINFALL AT Newton Stewart Corsbie

Lat. .... Lon. .... County of Wigton

Rain Gauge, by ..... Observer The Hon Mrs Stewart  
Cree tw. Bay - 14

Diameter ....	6										
Height .....	0 10										
Altitude ....	100										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.11	2.83	3.40	2.10	4.97						
February ....	.99	.58	2.04	5.06	6.99						
March .....	2.80	2.94	.91	1.97	2.40						
April .....	1.38	2.22	1.18	2.37	2.21						
May .....	2.15	2.93	5.80	1.45	3.12						
June .....	5.26	1.36	4.00	1.33	4.32						
July .....	3.84	1.04	3.27	4.87	1.93						
August .....	3.18	6.89	6.33	5.59	4.42						
September....	3.94	4.73	4.42	2.07	.91						
October .....	2.77	8.21	4.68	3.89	4.69						
November....	10.17	5.65	5.10	2.48	4.94						
December ....	2.66	8.58	2.86	5.94	5.69						
TOTALS ....	41.25	47.96	43.99	39.12	46.59	<sup>no</sup> Reply					



# RAINFALL AT *Kirkcudbright Senwick*

Lat. ....

Lon. ....

County of *Kirkcudbright*

*Daily* Rain Gauge, by *Cree & W. Bayl - 2*

Observer *A. J. Horrie Esq*

Diameter ....	5										
Height .....	1 0										
Altitude ....	113 $\nearrow$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.10	2.17	3.64	1.12	3.47	2.43	2.39	2.04	2.22	4.73	2.931
February ....	.96	.34	1.23	4.67	5.38	1.05	2.42	2.25	3.56	2.36	2.422
March .....	2.43	1.84	.83	1.74	1.44	3.20	4.30	5.50	1.25	2.82	2.535
April .....	1.30	2.10	.87	1.52	1.84	2.13	1.94	2.61	2.72	3.58	2.061
May .....	3.19	1.38	5.32	2.35	3.32	.22	.75	2.30	3.27	4.35	2.645
June .....	4.13	1.30	3.18	1.30	4.22	1.55	4.01	4.68	1.76	3.46	2.959
July .....	3.47	1.23	2.67	3.65	2.83	4.59	5.62	1.55	.43	3.12	2.916
August .....	3.83	6.85	6.58	4.13	4.30	6.97	2.49	4.77	5.98	1.26	4.716
September ....	3.72	4.75	4.19	2.52	.20	.83	4.12	4.00	3.25	4.43	2.201
October .....	2.02	6.06	2.85	3.84	5.54	4.24	4.02	2.21	4.01	2.34	3.713
November ....	8.43	5.46	3.43	1.86	4.61	4.89	1.91	4.35	3.73	3.46	4.213
December ....	1.70	6.92	2.35	4.43	4.43	5.01	5.69	6.47	4.32	5.70	4.702
TOTALS ....	40.28	40.40	37.14	33.13	41.58	37.11	39.66	42.73	36.50	41.61	39.014

1889 C Nov? 2.75 in Dec? 2.48 in.

1890 Bogue Church 1 1/2 miles N N W



# RAINFALL AT *Kirkcudbright Senwick*

Lat. ....

Lon. ....

County of *Kirkcudbright*

Rain Gauge, by

Observer *A. J. Horrie Esq.*

*Monthly Crested W. Bay - 2.*

Diameter ....	5										
Height .....	1 0										
Altitude ....	113 $\pi$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.02	2.13	3.62	1.10	3.39	2.33	2.34	2.02	2.23	4.69	2.887
February ....	.93	.32	1.19	4.63	5.30	.94	2.41	2.25	3.52	2.33	2.382
March .....	2.34	1.82	.80	1.70	1.38	3.15	4.30	5.50	1.19	2.78	2.496
April .....	1.27	2.08	.85	1.46	1.79	2.10	1.92	2.60	2.71	3.56	2.034
May .....	3.15	1.35	5.26	2.31	3.28	.19	.70	2.24	3.21	4.34	2.603
June .....	4.08	1.25	3.14	1.27	3.95	1.53	3.95	4.71	1.69	3.42	2.899
July .....	3.32	1.17	2.63	3.63	2.78	4.56	5.62	1.53	.37	3.16	2.877
August .....	3.81	6.63	6.55	4.09	4.26	6.93	2.47	4.75	5.97	1.23	4.669
September....	3.64	4.70	4.12	2.46	.14	.78	4.10	3.98	3.19	4.40	3.151
October .....	1.97	6.00	2.78	3.80	5.52	4.21	3.99	2.20	3.97	2.32	3.676
November....	8.40	5.39	3.37	1.80	4.57	4.84	1.89	4.27	3.72	3.44	4.169
December ....	1.68	6.90	2.29	4.38	4.37	4.98	5.67	6.47	4.12	5.64	4.650
TOTALS ....	39.61	39.74	36.60	32.63	40.73	36.54	39.36	42.52	35.89	41.31	38.493

1889 C Nov. 2.69 in Dec. 2.42 in.

1890 Bougue Church 1 1/2 Miles N N W



# RAINFALL AT Gatehouse Cally

Lat. .... Lon. .... County of Kirkcudbright

Rain Gauge, by ..... Observer Dr Buchan

Cree & W. Bay - 2.

Diameter ....	5										
Height .....	10										
Altitude ....	140		50						120		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.01	2.73	4.55	1.62	4.30	2.82	2.73	2.81	3.85	5.97	3.739
February ....	1.20	.48	2.24	6.39	7.35	1.44	2.63	3.83	4.72	3.13	3.341
March .....	3.34	2.76	1.23	2.50	1.98	4.37	4.60	7.53	.99	4.39	3.369
April .....	1.52	4.23	1.24	1.74	2.07	2.50	1.92	3.98	3.61	4.75	2.756
May .....	2.98	2.51	5.98	2.44	3.89	.15	.70	2.40	4.31	5.25	3.061
June .....	6.07	1.77	3.35	1.35	4.21	1.51	3.97	5.04	2.02	3.56	3.285
July .....	4.18	1.51	2.79	3.60	3.29	5.42	7.63	1.48	.80	3.76	3.446
August .....	3.74	7.69	7.13	5.31	4.03	7.30	2.49	6.64	6.95	1.18	5.246
September ....	4.24	4.92	4.62	2.75	.28	1.04	5.32	3.63	4.78	6.45	3.803
October .....	2.92	6.82	3.85	4.50	7.14	4.81	4.01	2.68	4.13	4.03	4.489
November ....	12.09	5.64	4.34	2.97	5.42	5.05	2.40	5.38	4.77	5.75	5.381
December ....	2.56	9.00	3.23	6.27	5.88	3.94	7.72	8.98	6.18	6.11	5.987
TOTALS ....	50.85	50.06	44.55	41.44	49.84	40.35	46.12	54.38	47.11	54.33	47.903

1880



# RAINFALL AT

*Greentown Lanercary*

Lat. ....

Lon. ....

County of *Kirkcudbright*

Rain Gauge, by .....

Observer

*J. A. Laird Esq*

*Cree + W. Bay - 2.*

Diameter ....			8					5			
Height .....			8								
Altitude ....			40								
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....			2.99	1.31	4.30	2.38	2.69	2.43	2.26	4.61	
February ....			1.54	5.81	4.77	1.34	1.87	2.40	3.71	2.84	
March .....			.74	1.94	1.70	3.62	4.50	6.41	.98	3.09	
April .....			.85	1.28	2.31	2.22	1.65	2.75	2.46	3.98	
May .....			5.21	1.53	2.59	.68	.53	1.67	3.36	3.80	
June .....			3.96	1.02	3.49	1.19	3.68	5.07	2.60	3.81	
July .....			2.05	4.18	1.90	4.72	6.27	2.00	.76	3.82	
August .....			6.31	4.09	3.75	6.92	2.56	5.77	5.02	1.94	
September ....			3.45	1.66	.38	.67	4.73	3.59	4.48	4.12	
October .....			3.64	3.49	5.28	3.77	3.61	2.02	3.70	2.64	
November ....			3.95	1.69	4.89	4.47	2.12	4.23	4.57	4.50	
December ....			2.43	4.90	4.81	4.11	5.87	7.04	4.35	6.73	
TOTALS ....	(85.00)*		37.12	32.90	40.17	36.09	40.08	45.38	38.25	45.88	(40.087)

\* from Galloway No. and Callis



# RAINFALL AT Creetown Civil Park

Lat. ....

Lon. ....

County of Kirkcudbright

Rain Gauge, by .....

Observer Jmc Turk Esq

Creetown Bay - 2.

Diameter ....							5				
Height .....							6				
Altitude ....							80				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							3.16	2.02			
February ....							2.53	3.72			
March .....							4.98	6.72			
April .....							1.78	3.13			
May .....							.62	2.51			
June .....							3.62	3.77			
July .....							6.87	2.56			
August .....							2.14	5.53			
September ....							5.47	3.69			
October .....							3.44	2.58			
November ....							1.35	5.33			
December ....							7.38	9.20			
TOTALS ....							43.34	50.76			



# RAINFALL AT

Glenhead of Trool

Lat. ....

Lon. ....

County of Kirkcubright

Rain Gauge, by .....

Observer Mr J McMillan

Cree & W. Bay - 2.

Diameter ....						5					
Height .....						11					
Altitude ....						320					
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....						2.92	3.87	2.73	2.72	8.62	
February ....						4.36	4.48	7.50	7.92	5.28	
March .....						7.11	9.17	12.23	2.25	6.46	
April .....						5.53	2.60	5.46	6.13	6.03	
May .....						.47	.76	2.73	5.02	5.37	
June .....						1.75	5.62	7.93	4.59	2.62	
July .....						6.53	8.93	3.08	2.62	4.50	
August .....						5.05	5.40	11.96	7.42	1.20	
September....						2.10	7.58	5.38	5.39	7.91	
October .....						6.29	5.06	3.57	4.90	4.75	
November....						6.69	3.82	6.51	7.18	10.07	
December ....						5.62	10.35	13.27	8.06	8.37	
TOTALS ....						54.42	67.64	82.35	64.20	71.18	

1896 Borgrennan Ch 7 miles W



RAINFALL AT Little Ross

Lat. .... Lon. .... County of Kirkcudbright  
Rain Gauge, by ..... Observer Board of Northern Lights

Dec - 3.

Diameter ....	...										
Height .....	3 3										
Altitude ....	130 <sup>9</sup>										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.40	.90	3.31	.53	2.20	1.28	1.47	1.39	2.55	5.26	2.229
February ....	.45	.15	.47	3.14	3.06	.10	1.35	1.97	3.05	1.50	1.524
March .....	2.40	1.34	.00	.62	1.27	3.34	3.27	4.80	1.31	1.52	1.987
April .....	1.00	1.70	.75	1.35	2.14	1.61	.41	2.34	2.57	3.75	1.762
May .....	2.65	.26	5.59	1.94	2.94	.41	.30	2.14	4.10	3.23	2.356
June .....	2.85	.90	2.40	.68	3.78	1.34	3.22	3.64	1.87	2.10	2.278
July .....	1.67	.43	2.07	2.24	2.17	4.56	3.66	1.25	.23	1.54	1.982
August .....	3.10	6.61	5.21	3.09	3.39	5.73	1.60	2.11	3.35	1.30	3.549
September....	2.45	1.78	3.03	2.16	.25	.53	3.45	3.45	2.17	1.62	2.089
October .....	1.75	5.32	2.29	2.64	5.16	3.23	3.84	1.94	3.22	1.36	2.075
November....	4.95	4.50	1.50	1.31	3.72	3.79	1.99	4.04	3.74	1.21	3.075
December ....	1.10	5.26	1.54	3.12	3.38	3.55	4.27	5.81	3.65	4.62	3.630
TOTALS ....	27.77	29.15	28.16	22.82	33.46	29.47	28.83	34.88	31.81	29.01	29.536

1850 -

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



RAINFALL AT Kirkcudbright Balmae  
 Lat. .... Lon. .... County of Kirkcudbright  
 Rain Gauge, by Howard Observer Countess of Selkirk  
Dec - 3.

Diameter ....								5			
Height .....								8			
Altitude ....					50			150			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....					2.35			3.37	1.86		
February ....					3.20			1.15	2.00		
March .....					1.10			4.70	.80		
April .....					2.90			1.18	1.50		
May .....					3.00			3.00	2.75		
June .....					3.50			3.13	1.50		
July .....					2.50			2.62	1.92		
August .....					2.60			5.00	5.33		
September....					.20			4.20	2.35		
October .....					3.30			1.85	3.48		
November....					2.30			2.74	1.38		
December ....					3.14			3.50	4.06		
TOTALS ....					30.09			36.44	28.93	No observation	

1898 Kirkcudbright Church 4 miles N



RAINFALL AT St Mary's Isle

Lat. .... Lon. .... County of Kirkcudbright

Dec - 3. Rain Gauge, by ..... Observer Mr Browning

Diameter ....	5										
Height .....	0 4										
Altitude ....	...										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.93	2.85	4.26	3.25							
February ....	1.15	.43	1.95	6.70							
March .....	2.70	2.40	1.30	1.20							
April.....	1.80	2.12	1.17	.75							
May .....	2.75	1.76	5.55	2.05							
June .....	4.73	1.35	3.75	1.80							
July .....	3.95	1.47	2.92	3.90							
August .....	4.05	7.50	7.00	3.40							
September....	4.10	5.30	4.45	3.95							
October.....	2.57	6.70	3.47	3.60							
November....	10.07	6.20	4.05	2.50							
December ....	1.98	8.50	3.07	4.93							
TOTALS ....	44.78	46.58	42.94	38.03	No Reply						



RAINFALL AT Castle Douglas Slogarie  
 Lat. .... Lon. .... County of Kirkcudbright  
 Rain Gauge, by ..... Observer H. A. Timmons Esq

Dec - 3.

Diameter ....	5										
Height .....	10										
Altitude ....	300										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.93	4.34	3.79	2.04	7.07	2.22					
February ....	1.30	.45	2.25	6.69	9.69	2.83					
March .....	3.53	3.06	.88	2.22	2.94	3.91					
April .....	2.17	3.67	2.18	1.53	2.29	3.52					
May .....	3.99	4.20	5.50	2.59	4.21	.09					
June .....	5.27	1.40	4.02	2.09	4.60	.75					
July .....	4.05	.98	3.34	3.94	3.49	5.66					
August .....	4.31	7.84	8.19	6.47	4.25	7.95					
September....	4.32	4.92	4.97	2.43	.25	1.06					
October .....	3.25	9.85	5.29	4.97	6.34	3.67					
November ....	12.11	6.09	6.03	2.67	5.65	6.73					
December ....	2.01	8.81	2.78	7.34	5.73	6.40					
TOTALS ....	53.24	55.61	49.22	44.98	56.51	44.79	No Reply				

1891 Balmaglin Cl 7 miles E  
 Trees 15 ft high 60 ft N+E



# RAINFALL AT New Galloway Glenlee

Lat. .... Lon. .... County of Kirkcudbright  
 Rain Gauge, by ..... Observer Mrs W Melville

Dec - 3.

Diameter ....	5										
Height .....	13										
Altitude ....	208				230						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	8.25	5.50	4.46	2.63	8.23	2.18	3.80	2.99	4.81	7.96	5.081
February ....	.97	.78	2.75	6.71	12.66	2.39	3.23	4.44	6.48	3.85	4.426
March .....	3.87	4.45	1.29	2.71	3.95	4.35	7.85	8.57	2.06	5.25	4.435
April .....	1.97	1.98	1.28	1.39	2.72	3.67	2.45	3.35	4.58	4.90	2.832
May .....	4.01	2.71	5.93	2.82	3.26	.58	.62	1.94	2.70	5.07	2.964
June .....	5.79	1.34	4.26	2.03	3.25	.76	3.69	4.75	2.86	3.39	3.212
July .....	3.81	1.22	3.89	3.48	2.97	6.11	7.01	2.46	.89	2.34	3.418
August .....	3.09	6.68	8.07	5.54	3.91	7.75	2.32	7.89	6.68	1.16	5.309
September ....	4.37	6.76	5.39	2.32	.16	1.21	6.30	4.58	4.13	5.73	4.095
October .....	3.60	11.03	6.11	5.88	6.33	4.32	3.70	3.80	4.26	4.62	5.365
November ....	13.09	6.99	7.14	3.89	8.06	7.34	2.03	5.66	6.66	10.26	7.112
December ....	1.80	10.93	2.89	8.60	6.59	6.98	7.68	11.81	8.41	5.31	7.100
TOTALS ....	54.62	60.37	53.46	48.00	62.09	47.64	50.71	62.24	54.52	59.84	55.349

51.65 56.95 50.45 45.30 58.70  
 (Dalry (Glenlee))



# RAINFALL AT Dabry Dalshangan & Garroch

Lat. .... Lon. .... County of Kirkcudbright

Dec - 3. Rain Gauge, by ..... Observer J R Bruce Esq

Diameter ....	8										
Height .....	0 6							6 0			
Altitude ....	500					400	440	250	450		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	7.47	4.19	3.56	2.75	7.01	2.36	3.52	2.47	5.38	8.79	
February ....	.98	.30	2.45	6.71	12.65	1.60	3.52	5.15	6.81	3.81	
March .....	3.10	4.18	1.18	2.46	3.34	4.70	8.15	8.14	2.09	5.37	
April .....	1.82	2.14	1.29	1.77	2.81	3.90	2.77	3.40	4.80	5.00	
May .....	3.75	2.33	5.06	3.14	3.21	1.51	.76	2.28	3.18	4.28	
June .....	5.36	1.51	3.99	3.20	<sup>#</sup> 3.89	1.02	3.94	4.45	2.60	3.45	
July .....	3.65	1.32	3.24	4.24	2.99	6.29	7.84	2.84	1.09	2.47	
August .....	2.82	5.56	7.37	5.46	3.66	8.33	2.35	7.51	7.23	1.33	
September....	3.92	6.85	4.26	2.60	.26	1.66	5.49	4.86	4.73	5.96	
October .....	3.19	8.22	4.99	6.93	6.20	4.22	4.01	3.43	4.10	5.14	
November....	10.74	6.12	5.40	3.91	7.02	7.52	2.12	5.81	6.92	8.98	
December ....	1.87	6.03	2.35	8.11	5.64	8.27	8.40	12.20	8.77	5.36	
TOTALS ....	48.67	48.75	45.14	51.28	<del>58.68</del>	51.38	52.87	62.54	57.70	59.94	

1891 <sup>4</sup> Carsphavin Church 3 Miles N.W.  
 1894 May 28 Gauge moved 10 miles S to Garroch about  
 3 miles NW of Glenlee  
 Kells Church 5 miles S.E.  
 1897 Dabry church 3 miles E



# RAINFALL AT

*Daby Glendarroch*

Lat. ....

Lon. ....

County of

*Kirkcubright*

Rain Gauge, by

Observer

*J. Barbour Esq*

*Dec - 3*

Diameter ....						5					
Height .....						11					
Altitude ....						192 I					
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....			(27.50)			# 2.51	3.39	3.09	4.45	8.13	
February ....			(22.50)			1.45	2.93	4.07	5.84	3.64	
March .....			(15.50)			4.09	7.37	8.26	1.87	4.76	
April .....			(9.00)			3.19	2.49	3.07	4.32	4.74	
May .....			(17.60)			.45	.62	1.93	2.66	4.56	
June .....			(15.80)			.75	3.53	4.60	2.24	3.51	
July .....			(14.50)			5.36	6.71	1.98	.84	2.60	
August .....			(25.70)			7.03	2.02	7.10	6.64	1.14	
September ....			(18.00)			1.16	5.65	3.98	3.93	5.30	
October .....			(31.00)			4.02	3.44	3.47	4.42	3.94	
November ....			(37.00)			6.81	1.78	5.11	6.26	9.84	
December ....			(29.00)			7.22	7.42	11.04	7.92	5.71	
TOTALS ....			(263.10)			44.04	47.35	57.70	51.39	57.87	52.145

*Daby Church 500 yards S*  
*Bushes 2716 in high 6 ft N*

*18.90 - 94 computed from Newfalloway, Glenlee for average Oct 106:100*



RAINFALL AT *Larsphainn Holm of Dalquhainn*  
 16 miles N.W. of Maxwelton  
 Lat. .... Lon. .... County of *Kirkcudbright*  
 Rain Gauge, by .... Observer *R Mc Millan Esq*

*Dec - 3.*

Diameter ....		5									
Height .....		12									
Altitude ....		800								900	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....		5.46	4.44	3.44	7.87	2.16	4.00	2.20	4.55	6.35	
February ....		.80	2.25	5.50	11.51	3.70	5.25	5.25	9.00	4.85	
March .....		6.22	1.25	2.10	4.45	6.00	6.20	9.00	3.75	5.25	
April .....		3.77	1.50	2.05	4.50	3.70	3.50	1.20	4.85	4.10	
May .....		3.95	3.98	3.05	4.57	.25	1.05	2.70	4.50	5.20	
June .....		1.32	2.80	2.57	4.40	1.50	4.60	6.20	3.30	4.00	
July .....		1.76	2.25	4.64	3.60	5.40	7.50	3.50	2.50	4.10	
August .....		8.22	6.41	4.84	5.70	5.00	5.10	8.00	7.00	2.35	
September ....		6.25	4.38	2.32	.20	3.50	8.24	6.40	7.50	2.55	
October .....		8.92	6.30	5.65	6.20	5.95	6.30	4.20	5.55	2.30	
November ....		6.54	5.95	3.93	9.00	7.80	2.50	6.10	6.70	8.50	
December ....		8.90	3.07	6.67	4.45	7.55	9.70	13.15	9.35	4.25	
TOTALS ....		62.11	44.58	46.76	66.45	52.51	63.94	67.90	68.55	53.80	60.00*

1892 *Glencarn Church 1 Mile W*  
*House 60 ft high 60 ft N*  
 1894 *Larsphainn Church 8 miles S.W.*

\* Computed from Maxwelton Ho., Loch Fulas  
*W Dalmeilington*



# RAINFALL AT Auchincarron Town House

Lat. ....

Lon. ....

County of Kirkcudbright

Rain Gauge, by .....

Observer W. Owens Esq

W. T. C. - 14.

Diameter ....	5										
Height .....	0 8										
Altitude ....	30			50							
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.63	2.26	3.94	1.10	4.53	1.85	3.42	1.87	3.44	6.53	3.357
February ....	.97	.37	1.78	6.12	8.01	.79	2.67	3.01	5.04	3.86	3.262
March .....	2.80	1.96	1.31	2.18	1.98	4.31	5.51	6.84	1.32	3.57	3.178
April .....	1.27	2.81	1.27	1.33	2.76	2.71	2.41	3.37	4.11	3.98	2.602
May .....	3.61	1.81	5.01	2.70	4.30	.13	.54	2.39	3.22	4.28	2.799
June .....	4.76	1.14	3.57	1.83	4.49	1.69	4.44	4.41	2.33	3.43	3.209
July .....	3.40	2.05	3.25	3.42	2.16	7.28	6.12	2.96	.47	3.44	3.455
August .....	3.58	7.66	7.42	5.02	4.69	7.54	2.69	5.99	7.82	1.91	5.432
September ....	3.59	5.35	5.74	2.82	.19	.75	5.83	4.64	4.55	4.75	3.821
October .....	2.70	6.66	3.50	5.57	6.21	5.40	4.23	3.50	4.34	3.31	4.542
November ....	9.84	5.36	4.19	1.95	5.64	5.77	1.48	4.36	4.97	4.97	4.853
December ....	1.55	8.40	2.69	6.40	5.65	5.93	7.23	7.22	5.25	4.77	5.509
TOTALS ....	42.70	45.83	43.67	40.44	50.61	44.15	46.57	50.56	46.86	48.80	46.019

1880



# RAINFALL AT Dalbeattie Colvend Manse

Lat. ....

Lon. ....

County of Kirkcudbright

Rain Gauge, by .....

Observer

Rev J. Fraser

Mr &c - 4 .

Diameter ....	5											
Height .....	1 6											
Altitude ....	120 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	5.21	1.81	2.57	.65	3.71	.91	2.65	1.48	5.32	6.04	3.035	
February ....	.78	.35	1.54	5.16	6.15	.71	1.92	2.45	3.81	2.50	2.537	
March .....	2.90	1.80	1.14	1.92	1.64	2.68	3.10	5.24	1.62	4.19	2.623	
April .....	1.21	1.27	.90	.88	2.62	3.42	1.96	2.58	3.45	1.84	2.013	
May .....	4.11	.27	3.81	3.08	3.81	.54	.54	2.39	2.32	3.95	2.482	
June .....	3.85	1.18	3.23	2.13	2.69	1.24	3.25	3.42	1.96	2.80	2.575	
July .....	3.15	2.01	2.62	1.58	1.80	5.28	5.62	1.19	.46	2.81	2.652	
August .....	2.73	5.72	6.58	4.01	4.34	6.98	1.89	4.56	6.56	1.22	4.459	
September ....	2.59	6.48	5.28	2.53	.13	.92	6.45	2.52	3.52	3.96	3.428	
October .....	2.80	6.82	4.22	4.49	4.46	2.40	4.64	1.63	3.91	1.87	3.721	
November ....	7.50	4.62	3.13	1.52	5.79	5.28	.67	5.22	4.85	3.70	4.228	
December ....	2.10	7.76	2.15	5.87	3.99	4.40	6.60	3.92	4.69	3.81	4.529	
TOTALS ....	38.93	40.09	37.17	33.82	41.13	34.76	39.29	36.60	42.47	38.69	38.295	

Colvend Church 300 yards S by W

1880-



RAINFALL AT *Dalbeattie Munches*

Lat. ....

*Lon.*

County of..

Kirkcudbright

*Rain Gauge, by*

Observer

Mrs Maxwell

kurte-4.

[illegible]



# RAINFALL AT Dalbeattie Little Richorn

Lat. .... Lon. .... County of Kirkcubright

Rain Gauge, by ..... Observer Mr W<sup>m</sup> Kerr

1897-4.

Diameter ....								5			
Height .....								6			
Altitude ....								35			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....								# 2.05	2.92	6.22	
February ....								3.28	3.43	3.60	
March .....								6.00	1.11	4.17	
April .....								2.89	3.60	4.01	
May .....								1.99	2.24	3.82	
June .....								3.61	2.42	3.31	
July .....								3.32	.50	2.97	
August .....								6.36	5.92	1.67	
September ....								3.36	4.23	4.14	
October .....								3.25	4.10	3.41	
November ....								5.41	5.30	5.07	
December ....								8.28	5.32	3.86	
TOTALS ....								49.80	41.09	46.25	

1897 Dalbeattie Church 1 mile N  
 Gauge moved 27<sup>th</sup> January 1 mile S  
 Shrubs & Trees 6 ft high 12 ft S W & W



RAINFALL AT Dalbeattie Station Road

Lat. .... Lon. .... County of Kirkcudbright  
Observer Mr W McBride  
Rain Gauge, by  
No 12 - 14.

Diameter ....	5					12					
Height .....	0 8	1.0	1.1								
Altitude ....	50										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.50	3.38	3.58	1.60	6.64	4.85	3.10				
February ....	1.14	.28	1.99	6.18	7.72	.40	1.68				
March .....	2.99	2.60	1.33	2.05	2.47	5.48	6.73				
April .....	1.13	3.03	1.05	1.24	2.29	4.20	2.35				
May .....	3.86	2.41	5.41	2.93	3.56	.02	.70				
June .....	4.79	1.10	3.85	1.59	3.86	1.05	2.93				
July .....	3.44	1.49	3.14	3.18	2.23	7.48	7.51				
August .....	4.55	7.79	6.71	5.30	3.10	7.49	2.09				
September....	3.23	5.53	5.67	2.71	.42	.69	5.86				
October .....	2.49	8.58	4.29	4.56	4.78	4.83	4.98				
November ....	10.15	6.58	5.04	1.43	7.43	8.21	1.51				
December ....	1.71	9.11	2.69	7.43	5.58	11.00	10.14				
TOTALS ....	45.98	51.88	44.75	40.20	50.08	55.70	49.58				

1890 Church 200 yards W  
Hedge 3 ft high 14 ft S  
1895 15 or 20 inches too big.



# RAINFALL AT Parton Glenlair House

Lat. ....

Lon. ....

County of Kirkcudbright

Howard's bottle Rain Gauge, by .....

Observer Major a W Maxwell Esq

no 10 - 4.

Diameter ....		5									
Height .....		0 8	1.0	8							
Altitude ....		250									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....		3.23	2.81	1.64	5.23	2.12	3.20	1.59	3.31	5.78	
February ....		.27	1.60	5.42	9.35	.30	2.36	7.14	4.17	3.81	
March .....		2.48	.41	2.19	2.06	4.48	4.96	7.02	1.23	4.83	
April .....		2.08	1.00	1.36	3.00	3.42	1.89	3.04	4.06	4.72	
May .....		3.65	4.31	2.92	3.25	.00	.60	2.63	2.00	4.28	
June .....		1.51	4.27	2.65	3.66	1.77	2.90	4.53	2.42	3.14	
July .....		1.21	3.24	3.15	5.07	5.99	6.41	1.98	.62	2.51	
August .....		7.17	7.59	6.49	3.21	7.16	1.67	7.29	6.88	2.36	
September....		5.13	4.99	1.96	.25	.87	5.90	3.91	3.26	4.24	
October .....		8.98	4.23	4.41	5.20	3.70	5.08	2.68	4.28	3.38	
November....		5.85	5.03	1.94	5.83	5.74	1.74	4.83	5.98	6.26	
December ....		7.65	2.32	6.60	4.72	4.87	6.83	8.90	6.17	5.48	
TOTALS ....		49.21	41.80	40.73	50.83	40.42	43.54	55.54	44.38	50.79	(46.00)*

1892 Lorsock Church 3 miles NE  
Tinny 15" 4 ft N.W.

\* Computed from Cargen and Glenlee.



# RAINFALL AT Bargen [Dumfries]

Lat. ....

Lon. ....

County of Kirkcudbright

Rain Gauge, by .....

Observer R. Dudgeon Esq

with TC-5.

Diameter ....	5										
Height .....	0 4						1 0				
Altitude ....	80 $\pi$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.29	3.38	3.34	1.80	6.00	2.27	2.11	1.24	3.99	7.06	3.748
February ....	1.00	.28	1.30	5.51	9.73	1.08	2.20	3.63	4.67	4.36	3.376
March .....	2.59	2.52	1.03	1.76	2.01	3.22	4.65	5.91	1.04	4.84	2.957
April .....	1.44	1.94	.76	1.07	1.90	2.47	1.98	3.46	4.68	4.10	2.380
May .....	3.18	2.51	4.62	2.46	4.29	.06	.68	2.60	3.08	4.11	2.759
June .....	3.96	1.24	3.88	2.07	4.03	1.45	3.44	3.36	2.88	2.94	2.925
July .....	3.23	1.68	2.49	2.96	2.61	5.99	5.27	1.60	.56	1.99	2.838
August .....	3.08	8.41	7.33	4.48	3.38	6.62	1.86	5.66	6.77	2.71	5.030
September....	3.03	4.81	4.34	2.64	.20	.22	5.50	3.40	3.33	4.07	3.154
October .....	1.50	9.02	4.40	4.30	4.45	3.61	4.19	2.88	4.48	3.26	4.209
November....	9.28	4.96	3.79	1.78	6.33	6.61	1.08	4.50	5.64	6.42	5.039
December ....	.95	6.91	2.17	6.72	4.50	5.10	5.86	11.24	8.00	3.37	5.482
TOTALS ....	39.53	47.66	39.45	37.55	49.43	38.70	38.82	49.48	49.12	49.23	43.897

1860



# RAINFALL AT Gardington [Dumfries]

Lat.....

Lon.....

County of Kirkcudbright

Fleming Rain Gauge, by Adie & Son  
Edinb.

Observer J. Rutherford, Esq.

with TC-5.

Diameter ....					3						
Height .....					0 9						
Altitude ....					90?						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....					5.25	2.00	2.32	1.40	2.78	5.80	
February ....					8.37	2.90	2.10	2.82	3.41	3.05	
March .....					2.45	2.62	3.80	5.20	.90	4.20	
April .....					1.80	1.80	1.45	2.50	2.90	2.90	
May .....					3.00	.62	.50	1.70	2.32	3.52	
June .....					2.60	1.10	2.75	2.70	1.60	2.30	
July .....					2.25	5.60	4.52	1.20	.50	1.90	
August .....					3.10	6.10	1.18	5.60	4.12	1.92	
September....					2.60	.46	4.60	3.80	2.40	2.80	
October .....					2.80	3.10	3.10	2.50	3.25	2.72	
November....					5.27	5.20	.85	3.55	3.85	5.40	
December ....					4.10	3.60	4.50	7.70	5.65	3.42	
TOTALS ....					43.59	35.10	31.67	40.67	33.68	39.93	

Rec<sup>d</sup> 27.11.07 Ent<sup>d</sup> 26.11.08

Hollywood Church 1 m. N.

Dumfries Station 2½ m. S.E.

Wire fence 3½ ft. high 4 ft. S.E.



# RAINFALL AT Inongray Drum Park

Lat. ....

Lon. ....

County of Kirkcudbright

Rain Gauge, by .....

Observer D. J. Kay Esq

with rc-5.

Diameter ....	5											
Height .....	0 6	1.0										
Altitude ....	230											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	6.76	4.40	3.67	2.00	6.91	2.80	3.06	2.05	3.50	8.06	4.321	
February ....	1.25	.29	2.55	7.15	12.04	1.30	3.12	4.88	5.54	3.72	4.184	
March .....	3.31	3.91	1.60	2.63	2.65	5.00	5.06	7.43	1.32	5.98	3.889	
April .....	1.81	2.32	.98	1.40	2.81	3.18	2.40	3.49	4.83	4.48	2.770	
May .....	4.11	2.40	6.22	3.24	4.11	.57	.66	2.47	3.11	4.56	3.145	
June .....	6.14	1.28	4.07	1.48	3.90	1.23	3.22	3.71	2.41	2.85	3.029	
July .....	4.30	1.41	3.19	3.51	3.19	6.43	5.77	2.64	.75	2.54	3.373	
August .....	3.66	8.12	7.89	6.94	3.88	8.22	2.30	7.08	5.88	2.31	5.628	
September ....	3.98	5.68	4.90	2.53	.37	1.04	6.66	4.11	3.35	3.53	3.615	
October .....	2.40	9.10	3.95	5.66	5.77	3.99	4.01	2.93	4.64	4.54	4.699	
November ....	10.77	6.50	5.82	2.40	6.98	6.35	1.60	5.18	5.98	8.24	5.982	
December ....	1.36	9.45	2.71	8.89	7.07	5.42	7.24	11.14	7.81	4.70	6.579	
TOTALS ....	49.85	54.86	47.55	47.83	59.68	45.53	45.10	57.11	49.12	55.51	51.214	

1880—



# RAINFALL AT Irongray Drum Park

Lat. ....

Lon. ....

County of Kirkcudbright

with TC - 5. Rain Gauge, by old gauge

Observer D. J. Kay Esq

Diameter ....	3										
Height .....	0 6										
Altitude ....	230										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	8.30	4.90	4.10	1.80	8.30	2.50	3.50				
February ....	1.10	.06	2.75	7.50	15.10	.70	3.40				
March .....	3.40	4.00	1.55	2.60	2.90	5.50	5.40				
April .....	1.55	2.65	.80	1.20	2.85	3.20	2.20				
May .....	4.05	2.50	6.70	3.15	3.80	.30	.35				
June .....	6.40	1.05	4.10	1.20	4.10	1.00	3.22				
July .....	4.30	1.20	3.15	3.50	3.05	6.60	6.45				
August .....	3.65	9.15	8.55	7.25	3.80	8.90	2.35				
September....	4.40	6.20	5.32	2.50	.10	.40	7.55				
October .....	2.30	10.15	4.20	6.30	6.10	4.00	4.45				
November....	12.50	7.40	6.70	2.45	8.10	7.10	1.60				
December ....	1.90	9.60	2.70	10.20	8.30	6.40	9.10				
TOTALS ....	53.85	58.86	50.62	49.65	66.50	46.60	49.57				







# RAINFALL AT *Dumfries by Bank*

Lat. ....

Lon. ....

County of

*Dumfries*

Rain Gauge, by

Observer

*Rev W Anderson*

*with etc - 3.*

Diameter ....	5										
Height .....	0 10										
Altitude ....	70 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.32	2.80	2.55	1.54	4.97	2.22	2.04	1.39	2.22	5.27	2.022
February ....	.86	.23	1.78	4.54	8.15	.81	2.32	2.93	3.45	3.35	2.842
March .....	2.19	1.97	.75	1.52	1.73	2.77	4.02	5.51	.79	4.59	2.584
April .....	1.27	1.82	.69	1.16	2.00	2.40	1.50	3.08	3.55	3.25	2.072
May .....	3.14	2.34	4.15	2.46	3.92	.21	.50	1.95	2.35	3.44	2.446
June .....	3.68	1.59	3.32	1.56	3.13	1.33	3.28	2.86	1.84	2.54	2.513
July .....	3.53	1.61	2.72	3.09	2.62	6.28	4.36	1.56	.23	2.17	2.817
August .....	3.57	7.17	6.80	3.99	2.94	5.73	1.56	5.75	4.47	1.69	4.267
September ....	2.86	4.51	3.81	1.83	.18	.56	4.89	3.43	2.28	3.10	2.745
October .....	1.50	8.37	3.70	3.63	3.64	3.42	3.47	2.36	3.25	2.72	3.606
November ....	8.23	4.27	3.37	1.52	4.70	5.41	1.12	3.60	4.25	5.55	4.202
December ....	.97	6.24	1.97	5.55	4.03	3.89	4.87	8.39	5.03	3.19	4.413
TOTALS ....	37.12	42.92	35.61	32.39	42.01	35.03	33.93	42.81	33.71	40.86	37.639

*1892 St Marys Dumfries 300 yards S*



# RAINFALL AT Moniave Glencrosh

Lat. ....

Lon. ....

County of Dumfries

Rain Gauge, by .....

Observer R. McMillan Esq

with + c - 3.

mif

Diameter ....		5									
Height .....		1 2			1 6	1 2					
Altitude ....		350			400	350				375	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....		5.24	3.93	2.52	7.98	2.76	3.86	3.55	4.38	7.55	
February ....		.43	2.13	7.42	12.43	1.78	2.60	4.60	6.71	4.16	
March .....		4.41	2.03	1.85	3.44	5.40	7.25	8.01	1.60	5.49	
April .....		3.35	1.25	1.65	3.04	3.23	2.71	3.60	4.25	4.19	
May .....		3.14	5.05	4.08	3.50	.59	.77	2.54	3.02	4.06	
June .....		1.35	3.77	1.60	3.85	.92	3.88	4.43	2.62	2.82	
July .....		1.65	2.93	5.15	3.05	5.76	5.88	2.62	.79	4.38	
August .....		7.77	8.18	5.99	3.59	5.42	2.62	8.22	6.83	2.98	
September ....		6.64	4.92	2.45	.32	.80	5.71	4.27	4.00	4.30	
October .....		11.49	4.76	7.24	4.64	4.39	4.37	3.52	3.99	4.84	
November ....		6.89	5.66	4.09	6.56	6.40	1.62	5.17	5.96	9.45	
December ....		8.87	3.50	7.30	6.61	5.71	9.66	10.32	7.20	5.10	
TOTALS ....		61.23	48.11	51.34	59.01	43.16	50.93	60.85	51.35	59.32	

1891 Glencannich 4 miles S E

1892 House 50 ft high 50 ft S E



# RAINFALL AT *Moniave Maxwellton House*

Lat. ....

Lon. ....

County of *Dumfriess*

Rain Gauge, by .....

Observer *Rev. L. E. Lewis B.E.*

*with re-3.*

Diameter ....	8											
Height .....	1 4		1 2									
Altitude ....	400 $\pi$											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	6.89	3.62	2.55	1.92	6.43	2.34	2.91	2.28	3.25	7.09	3.928	
February ....	1.33	.23	2.57	5.86	8.74	1.30	3.06	2.88	4.45	3.65	3.407	
March .....	2.59	4.55	1.37	2.26	2.84	4.21	5.28	7.25	1.18	5.47	3.700	
April .....	1.32	3.23	1.25	1.42	3.42	3.30	2.29	3.13	4.10	3.87	2.733	
May .....	3.82	2.54	4.61	3.93	2.98	.30	.52	2.72	2.93	4.80	2.915	
June .....	4.85	1.37	3.66	1.58	3.64	1.22	3.02	4.48	2.23	2.76	2.881	
July .....	4.10	1.24	2.31	3.84	2.51	5.81	5.53	2.15	.49	2.97	3.095	
August .....	3.03	6.46	7.88	5.31	3.81	4.95	2.02	7.22	5.49	3.14	4.931	
September....	4.10	5.41	4.45	1.96	.25	.72	5.65	3.91	3.46	3.16	3.307	
October .....	1.94	9.96	4.28	5.34	5.05	4.59	4.14	3.12	3.75	4.05	4.622	
November....	10.24	6.34	5.18	2.95	6.03	6.19	1.44	3.84	5.25	8.11	5.557	
December ....	1.72	6.35	2.15	6.28	4.55	4.84	6.85	10.04	6.88	4.12	5.378	
TOTALS ....	45.93	51.30	42.26	42.65	50.25	39.77	42.71	53.02	43.46	53.19	46.454	

1890 *Glencarni 1 mile N*

1892 *Carrphannich 5 " SW*

1894 *House 50 ft high 60 ft N*



# RAINFALL AT Moniave Macwelton Garden

Lat. .... Lon. .... County of Dumfries

Rain Gauge, by ..... Observer Rev Sir E. Laurie Bart

with TC-3.

Diameter ....	5							6			
Height .....	1 4										
Altitude ....	350 T							350			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.97							2.60			
February ....	1.22							4.10			
March .....	2.42							6.87			
April .....	1.30							3.29			
May .....	3.82							2.54			
June .....	4.85							4.67			
July .....	4.10							2.23			
August .....	3.04							7.34			
September....	4.18							4.02			
October .....	1.95							3.18			
November....	10.22							4.11			
December ....	1.66							9.48			
TOTALS ....	45.73							54.43	Note Received		

1897 200 yards from other gauge & more exposed to S.W.



# RAINFALL AT *Thornhill Lapenoch Gardens*

Lat. ....

Lon. ....

County of *Dumfries*

Rain Gauge, by .....

Observer *Mr. J. Dunlop*

*with TC-3.*

Diameter ....	5										
Height .....	...						0 6				
Altitude ....	...										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.25		.00	1.55	8.22	.70	3.00				
February ....	.00		1.00	3.90	10.34	.06	4.00				
March .....	2.76		.00	2.00	3.20	1.10	3.00				
April .....	.50		1.00	1.00	2.00	1.10	.00				
May .....	2.70		3.22	2.16	4.20	.00	.00				
June .....	3.88		3.66	1.90	4.50	.00	3.00				
July .....	3.00		2.20	3.43	2.50	5.30	7.00				
August .....	2.46		4.80	5.74	2.80	7.50	.00				
September....	2.75		3.40	2.65	.00	.00	8.00				
October .....	2.38		2.51	6.27	4.10	5.45	3.00				
November ....	7.70		2.65	3.40	9.30	5.28	.00				
December ....	1.00		.60	6.40	2.00	4.70	7.00				
TOTALS ....	34.38	<i>N.R.</i>	25.04	40.40	53.16	31.19	38.00				

*1892 Utterly unreliable in the winter months.*

*N.B. Rejected from Survey as 4" low.*



# RAINFALL AT *Dunrisdeer Drumlanrig Castle*

Lat. .... Lon. .... County of *Dumfries*

Rain Gauge, by ..... Observer *Mr D Thomson*  
*with TC-3.* *Mr D Inglis*

Diameter ....	3			4				5	9		
Height .....	10								10		
Altitude ....	191 T								186		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.40	4.30	3.10	2.00	4.20	.70	1.90	.50	3.22	6.89	3.321
February ....	.40	10	1.20	5.10	9.90	.10	1.40	2.40	4.87	3.82	2.929
March .....	1.80	2.80	.40	1.20	2.70	2.80	4.00	5.40	1.13	4.27	2.650
April .....	.70	1.00 (4.00)	.40	.60	1.20	1.60	1.40	1.80	3.09	4.11	1.590
May .....	3.50	1.00	3.70	2.60	1.90	.00	.10	1.90	1.79	3.86	2.035
June .....	4.70	.90	5.30	1.40	2.60	.40	2.50	3.60	1.87	2.56	2.583
July .....	2.70	.20	1.70	2.30	1.60	4.80	5.10	1.80	.50	5.02	2.572
August .....	1.80	5.80	7.30	4.40	2.20	4.70	1.20	7.20	4.55	3.17	4.232
September....	3.30	5.10	3.10	2.10	.10	.10	4.20	2.60	3.62	4.02	2.824
October .....	1.30	10.00	4.00	4.20	3.00	3.30	2.50	2.20	4.10	3.76	3.836
November ....	11.10	4.80	4.20	1.50	4.70	4.80	.50	3.50	4.69	6.97	4.676
December ....	1.00	5.70	2.10	5.60	4.20	3.20	5.20	9.10	6.22	3.79	4.611
TOTALS ....	38.70	41.70	36.50	33.00	38.30	26.50	30.00	42.00	39.65	52.24	37.859

(43.70)  
 1892 March and April much too small  
 ? April & May *2 in. added*  
*(with Lamark Water. XI. 11)* 1890 =



RAINFALL AT Eeclefechan, Buryfort

Lat. ....

Lon. ....

County of Dumfries

Rain Gauge, by .....

Observer .....

Major H. Cavan Irving

Annen - 4 .

Diameter ....												
Height .....												
Altitude ....												
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....									2.63	6.33		
February ....									3.35	3.06		
March .....									1.30	3.96		
April .....									4.50	3.98		
May .....									3.07	4.05		
June .....									2.39	1.32		
July .....									.80	3.06		
August .....									6.02	1.33		
September....									2.85	4.09		
October .....									3.38	2.89		
November....									4.00	3.78		
December ....									3.75	3.27		
TOTALS ....									38.04	41.12		

Note, observations ended wrong day (V. 14)

1898-1904, 1906-1912 Received V. 14

Entered 2.8.11.14



from 20 year form

# RAINFALL AT Lockerbie back mill

Lat. ....

Lon. ....

County of Dumfries

Rain Gauge, by ....

Observer Mr J. Froug

Annan - 44.

Diameter ....	5										
Height .....	9										
Altitude ....	200										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.14	2.29	1.25	—	4.15	1.50	2.13	1.21	2.59	1.05	
February ....	1.75	.36	.78	.40	4.97	.12	1.82	3.76	3.55	3.97	
March .....	3.01	2.01	1.90	2.35	2.27	4.74	4.67	6.88	1.50	3.27	
April .....	1.28	1.69	2.20	.80	2.15	1.92	1.58	3.03	3.64	3.52	
May .....	3.69	2.30	3.20	2.51	4.35	.54	.53	2.29	2.18	3.94	
June .....	3.75	.16	3.20	1.80	3.95	1.14	3.49	4.39	2.20	1.79	
July .....	3.67	4.00	3.40	3.33	2.86	5.71	5.26	2.06	1.17	2.72	
August .....	5.17	7.90	5.00	3.56	3.27	4.28	1.98	6.00	6.22	1.90	
September....	3.38	4.28	2.85	3.42	.26	.73	6.05	4.41	2.70	3.86	
October .....	2.00	6.99	5.02	4.15	2.83	3.45	4.50	2.55	3.18	2.35	
November....	6.85	2.48	2.93	1.80	5.60	3.96	1.76	4.18	5.04	5.00	
December ....	1.15	3.60	1.90	5.40	4.97	3.89	5.68	9.48	4.00	1.53	
TOTALS . . .	41.84	38.06	33.63		41.63	31.98	39.47	50.24	37.97	34.90	

The monthly amounts are frequently incomparable with surrounding stations from which it would appear that the observations were made at irregular intervals.



# RAINFALL AT *Lockerbie Tundergarth Mause*

Lat. ....

Lon. ....

County of *Dumfriess*

Rain Gauge, by .....

Observer *Rev R. Sanders*

*Annan - Lt.*

Diameter ....		5									
Height .....		0 6									
Altitude ....		400									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....			2.08	1.43							
February ....		# .25	1.79	4.18							
March .....		1.87	1.38	2.34							
April .....		2.31	1.19	1.13							
May .....		1.96	4.46	2.64							
June .....		1.77	3.80	2.91							
July .....		3.22	3.06	3.79							
August .....		11.40	7.55	5.37							
September ....		5.19	5.66	2.97							
October .....		7.35	3.99	4.79							
November ....		4.25	3.96	1.78							
December ....		7.34	1.87	5.77							
TOTALS ....			40.79	39.10	No Reply						



# RAINFALL AT *Lochnaben Esthwaite*

Lat. ....

Lon. ....

County of *Dumfries*

Rain Gauge, by .....

Observer

*W. J. Halliday Esq*

*Annan - 4.*

Diameter ....			5								
Height .....			1. -								
Altitude ....			1707	1663							
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....				1.71	4.68	2.05	2.62	1.22	2.00		
February ....				5.21	7.22	1.15	2.16	2.52	4.37		
March .....				1.52	1.86	2.97	4.34	6.00	.99		
April .....				1.25	1.83	2.43	1.53	2.80	4.09		
May .....				2.28	4.20	.33	.66	2.34	2.41		
June .....				1.85	3.99	1.46	3.98	3.27	2.51		
July .....				3.09	2.72	7.08	5.34	1.89	.42		
August .....				4.96	3.36	5.91	1.82	7.42	4.84		
September....				2.25	.32	.63	4.77	3.21	2.31		
October .....				5.07	3.72	3.61	3.30	2.55	3.51		
November ....			#	3.38	1.96	5.43	5.83	1.52	3.84	3.42	
December ....				1.86	5.85	4.28	3.62	4.46	7.82	5.01	
TOTALS ....				37.00	43.61	37.07	36.50	44.88	35.88		

*Lochnaben Church 300 yards S.W.*

*House 30ft high 63ft N.*

*Wall 7. " 45 " N*



RAINFALL AT Shieldhill Tinwald Reservoir

Lat. .... Lon. .... County of Dumfriess

Annan - 4. Rain Gauge, by ..... Observer Mr J. Bell

Diameter ....							5				
Height .....							1 6				
Altitude ....							470 ft				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							3.13	1.14			
February ....							2.32	3.12			
March .....							4.34	5.69			
April .....							1.58	2.44			
May .....							.61	2.39			
June .....							3.95	3.04			
July .....							4.88	1.79			
August .....							1.66	7.34			
September....							5.24	3.76			
October .....							3.49	2.58			
November ....							1.39	4.04			
December ....							4.89	8.49			
TOTALS ....							37.48	45.82	No Reply		

1896 Lochmaben Ch 3 1/2 miles S E  
Hills 300 ft high begin to rise 200 yards W



# RAINFALL AT *Moffat Braigielands*

Lat. ....

Lon. ....

County of *Dumfriesshire*

Rain Gauge, by ....

Observer *J. Smith Esq*

*Annan - Lt.*

*W. Walshe Esq*

Diameter ....	5											
Height .....	0 9											
Altitude ....	360?											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	9.54	4.08	3.35	2.45	9.08	.61	3.75	1.76	3.85	7.67	4.614	
February ....	.72	1.50	2.53	6.78	12.38	.13	3.10	5.69	4.85	5.02	4.270	
March .....	2.72	2.79	1.52	2.11	3.56	1.02	6.80	8.47	1.88	5.62	3.649	
April .....	1.91	1.15	1.37	1.35	2.18	2.85	2.50	3.54	4.14	4.88	2.587	
May .....	3.35	1.64	5.08	1.87	3.68	.06	.57	.61	2.24	3.93	2.303	
June .....	4.26	2.61	4.30	2.10	2.69	.10	3.61	4.46	2.73	2.41	2.927	
July .....	4.92	2.53	3.86	4.16	2.75	6.76	5.54	3.04	.55	3.04	3.715	
August .....	4.02	8.76	7.36	7.00	3.86	5.36	2.35	7.26	4.83	1.53	5.233	
September ....	5.70	4.61	5.12	2.61	.24	2.21	7.01	3.11	2.29	4.16	3.706	
October .....	2.69	10.54	4.82	5.54	2.96	2.16	3.63	3.28	6.34	4.46	4.642	
November ....	11.61	5.40	5.71	4.36	7.89	12.32	1.96	4.82	6.58	8.77	6.942	
December ....	.70	11.29	2.89	9.32	6.36	5.57	6.57	12.27	9.22	3.96	6.815	
TOTALS ....	52.14	56.90	47.91	49.65	57.63	39.15	47.39	58.31	49.50	55.45	51.403	

1890 Kirkpatrick Justa 600 yards SE  
Garden Wall 16 ft high 75 ft N



RAINFALL AT Moffat Auchan Castle

Lat. 56.78

Lon. 3.57

County of Dumfriess

Rain Gauge, by \_\_\_\_\_

Observer Mr W. McAdams

Annan - 4.

Diameter . . . .						5	.	.	5		
Height . . . . .						6	.	.	6		
Altitude . . . .						500	.	.	500	T	
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . . .						# 3.04	3.97	2.30	4.25	8.91	
February . . . .						.61	3.05	5.74	5.54	4.96	
March . . . . .						3.99	6.25	10.30	2.51	5.92	
April . . . . .						2.60	2.66	3.83	5.30	5.19	
May . . . . .						1.11	.56	2.55	2.95	4.46	
June . . . . .						1.51	3.59	5.43	3.80	2.29	
July . . . . .						6.58	5.31	4.55	.92	3.70	
August . . . . .						5.85	2.86	7.92	6.68	1.77	
September . . . .						1.20	6.81	3.69	3.71	5.08	
October . . . . .						4.14	4.46	3.94	5.53	5.51	
November . . . .						7.94	2.09	5.36	5.72	9.61	
December . . . .						5.77	7.82	12.31	11.21	4.78	
TOTALS . . . .						44.34	49.43	67.92	58.12	62.18	

Moffat Church 1 3/4 miles E.



# RAINFALL AT *Moffat Ericstane*

Lat. ....

Lon. ....

County of *Dumfries*

*Fleming* Rain Gauge, by .....

Observer *J. J. Welsh Esq*

*Annae - 14*

Diameter ....	3										
Height .....	0 6										
Altitude ....	550								580		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	10.70	4.80	5.60	3.60	11.50	3.60	3.20	1.90	3.80	6.90	5.560
February ....	.40	.90	3.35	8.50	12.80	1.30	3.80	5.70	5.00	5.30	4.705
March .....	2.80	4.35	1.20	2.00	3.90	6.50	6.20	8.80	1.80	5.50	4.305
April .....	1.85	2.15	1.30	2.00	2.50	2.60	2.50	3.00	4.90	5.20	2.800
May .....	2.60	2.00	5.40	3.90	2.40	.30	.20	3.40	2.20	3.70	2.610
June .....	4.00	2.40	1.10	2.90	3.10	1.30	3.40	4.70	2.90	1.60	2.740
July .....	2.00	1.60	2.80	3.40	2.40	7.30	4.60	2.30	.90	3.50	3.080
August .....	1.40	7.10	6.70	6.10	1.80	3.20	2.50	8.85	5.20	2.30	4.515
September....	3.60	6.60	2.90	2.50	.00	.10	6.00	3.10	3.30	4.90	3.300
October .....	3.05	8.00	4.25	4.10	3.70	4.85	4.70	3.10	5.50	4.40	4.565
November....	6.10	5.05	6.90	3.00	8.70	9.50	2.50	4.70	6.70	10.80	6.795
December ....	2.10	11.70	2.70	9.30	7.10	5.50	6.80	<del>10.00</del> 19.00	8.60	3.40	<del>6.720</del> 7.620
TOTALS ....	44.60	56.65	44.20	51.30	59.90	46.05	46.40	68.55	50.80	57.50	<del>52.595</del> (51.695)

(59.55)

new g from 1899

1897 Dec? Observer thinks that there was no mistake in the record as it was a very wet month with two floods 1880 which did more damage than any others in 24 years

Dec. 1897 Probably 9 in. too big. Cs. 11.



RAINFALL AT Moffat Ericstane

Lat. ....

Lon. ....

County of

Dumfries

Snowdon Rain Gauge, by

Observer

J. J. Welsh Esq

Aunan - 14.

Diameter ....									5		
Height .....									1.0		
Altitude ....									580T		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....										6.57	
February ....										5.62	
March .....										6.24	
April .....										4.86	
May .....										3.77	
June .....										1.93	
July .....										3.65	
August .....										2.36	
September....									# 3.29	5.02	
October.....									5.47	4.74	
November....									6.16	9.99	
December ....									7.48	3.37	
TOTALS . . .										58.12	

within a foot of the Fleming gauge



# RAINFALL AT *Canobie Byreburnfoot*

Lat. ....

Lon. ....

County of *Dumfries*

Rain Gauge, by .....

Observer *W Doughty Esq*  
*M D. Crabbe*

*Book 5.*

Diameter ....	3										
Height .....	0 8		0 3	4							
Altitude ....	160.										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.00	2.75	4.25	1.75	6.13	2.47	2.50	1.25	3.00	6.75	3685
February ....	1.13	.40	2.25	6.62	8.87	.94	3.13	3.87	3.50	3.00	3371
March .....	3.25	2.75	1.37	2.37	2.38	3.78	5.62	6.00	1.50	4.00	3302
April .....	1.00	1.35	1.12	.87	1.12	1.62	(1.73)	<del>5.25</del> (2.74)	4.88	3.25	1968
May .....	2.75	1.75	4.50	2.62	3.62	.51	(.45)	<del>(2.51)</del> (2.25)	2.50	4.13	2534
June .....	5.25	1.80	3.37	2.75	3.50	2.40	(3.41)	2.88	3.12	1.50	2998
July .....	3.12	1.50	3.75	2.50	1.88	6.75	(3.66)	2.87	.88	2.25	2916
August .....	4.00	11.15	7.25	5.62	5.50	6.58	2.00	5.75	5.75	1.12	5472
September ....	4.13	7.25	7.87	3.25	.50	1.14	6.00	3.50	2.12	4.63	4039
October .....	2.75	(5.20)	4.75	4.75	4.37	4.29	4.88	2.50	4.13	3.00	4062
November ....	9.00	(4.10)	3.50	2.12	6.13	4.03	1.12	5.88	4.12	5.00	4500
December ....	1.00	9.50	2.12	7.15	5.25	3.39	7.25	6.37	6.00	3.50	5153
TOTALS ....	43.38	(49.50)	46.10	42.37	49.25	(31.90)	41.75	46.12	41.50	42.13	(44.00) *

1891 Oct<sup>r</sup> & Nov<sup>r</sup> Gauge tampered with, amount computed.

\* Computed from Carlisle, Scalby, Brampton  
Denton House & Langholme Ewes.

1896 April to July distributed by above stations } 7.12

1897 April & May " " " " }



# RAINFALL AT *Langholm Westwater*

Lat. ....

Lon. ....

County of *Dumfries*

Rain Gauge, by .....

Observer

*W. Ellist Esq.*

*bk- 5.*

*J. M. Ellist Esq.*

Diameter ....	5								3		
Height .....	1 6	2.0							9		
Altitude ....	550 T								450		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	9.15	3.20	4.70	1.83	6.60	3.30			# 5.55	10.30	
February ....	1.20	.75	1.95	7.27	12.32	1.25			4.65	3.30	
March .....	4.45	4.40	2.30	2.15	3.60	4.75			2.20	5.23	
April .....	2.35	1.92	1.70	1.40	1.85	2.20			4.40	5.25	
May .....	4.10	2.55	8.85	2.85	4.90	.60			1.40	3.70	
June .....	6.55	1.60	4.25	2.45	4.10	2.03			3.45	1.80	
July .....	4.20	3.05	4.30	2.95	3.05	7.05			.95	3.74	
August .....	5.40	13.45	7.17	6.67	4.40	8.90			6.90	2.00	
September....	7.25	10.75	10.30	4.57	.53	.90			3.10	5.10	
October .....	4.00	5.70	5.20	5.38	4.80	5.12			4.40	3.90	
November ....	14.75	5.25	2.65	2.32	7.90	5.40			6.75	3.53	
December ....	.95	11.66	2.55	8.90	6.55	4.20			10.82	3.52	
TOTALS ....	64.35	64.28	55.92	48.74	60.60	45.70	No Reply		54.57	51.37	

1890 *Langholm* 5 Miles E



# RAINFALL AT Langholm Grove Road

Lat. ....

Lon. ....

County of Dumfries

Rain Gauge, by House of Edin. Observer Mr D. Elder

bk. 5.

Mr W. Jackson

Diameter ....	5										
Height .....	10							9			
Altitude ....	270 $\nearrow$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.94	3.33	4.46	1.79	7.09	3.26	2.08	1.73	3.68	8.38	
February ....	1.05	.75	1.82	8.17	12.17	1.18	3.27	4.91	4.56	3.85	
March .....	3.58	4.35	2.35	2.58	3.41	5.68	6.11	7.70	2.52	5.16	
April .....	2.22	1.85	1.52	1.01	1.55	1.96	1.78	4.11	5.63	4.90	
May .....	3.09	2.15	5.90	2.77	4.82	.54	.68	3.61	2.86	5.34	
June .....	5.06	1.74	4.96	2.07	4.16	1.86	4.71	3.67	3.57	2.19	
July .....	4.05	3.23	4.35	3.19	2.51	6.99	4.77	3.43	.89	3.49	
August .....	4.85	11.45	8.09	5.79	4.69	8.25	2.78	9.84	7.02	1.13	
September....	5.04	9.20	8.15	4.25	.65	.75	7.39	4.57	2.84	4.37	
October .....	4.57	6.19	5.77	4.85	4.94	4.01	5.30	3.10	5.65	4.05	
November....	9.66	4.16	4.27	2.86	7.56	6.14	1.85	6.41	5.39	6.95	
December ....	.95	11.10	2.80	8.77	6.76	4.10	8.84	9.30	7.76	4.30	
TOTALS ....	51.06	59.50	54.44	48.10	60.31	44.72	49.56	62.38	52.37	54.11	

Mr. Elder left Langholm at the end of <sup>July</sup> August 1896 and Mr. Jackson continued the record with a gauge 200 yards E of the old position.



RAINFALL AT Langholm Ewes School

Lat. .... Lon. .... County of Dumfries

Rain Gauge, by ..... Observer M. J. C. Lyall  
J. C. Little Esq

Book - 5.

Diameter ....	3											
Height .....	10											
Altitude ....	445 <sup>T</sup>											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	9.95	3.10	2.95	1.70	9.70	2.50	3.50	1.50	3.85	9.80	4.855	
February ....	.90	.80	1.90	7.50	12.20	1.20	3.00	5.20	5.15	4.00	4.185	
March .....	3.60	4.00	1.50	1.50	2.20	4.80	6.40	7.40	2.00	4.70	3.810	
April .....	1.20	1.90	.70	.50	1.90	2.50	2.10	2.90	4.40	4.75	2.285	
May .....	2.10	2.50	5.80	2.40	4.10	50	.25	2.75	2.65	3.55	2.660	
June .....	4.25	1.70	5.00	2.45	3.30	1.60	4.20	3.75	2.75	1.10	3.010	
July .....	4.10	3.00	2.95	3.00	3.00	7.00	4.80	2.00	2.50	4.74	3.709	
August .....	3.75	11.10	7.30	4.70	5.20	6.40	2.15	10.40	6.45	1.75	5.920	
September....	4.20	10.30	6.40	3.90	.60	.85	7.15	3.75	2.35	4.65	4.415	
October .....	3.60	6.10	5.00	4.40	5.30	4.50	5.65	2.80	6.10	4.10	4.755	
November....	9.30	4.30	4.60	2.30	8.40	6.50	1.60	6.10	6.65	10.50	6.025	
December ....	1.10	9.70	2.20	9.50	7.00	5.00	8.60	9.70	10.30	2.50	6.560	
TOTALS ....	48.05	58.50	46.30	43.85	62.90	43.35	49.40	58.25	55.15	56.14	52.189	

1890 Ewes Church 1 Mile S

1880 -



copied from original returned to observer. 25. II. 08

RAINFALL AT Langholm, Castle Oer.

Lat. ....

Lon. ....

County of

Dumfriesshire

Rain Gauge, by

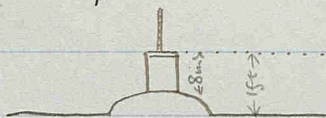
Observer

Richard Bell Esq.

Est. - 5.

Diameter ....												
Height .....												
Altitude ....	640											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	7.10	2.90	3.10	1.70	6.45	2.72	2.65	1.60	3.00	6.70	3.792	
February ....	3.10	.40	1.70	6.42	10.62	1.20	2.35	4.25	4.10	3.60	3.774	
March .....	3.22	3.30	1.15	1.67	2.40	3.90	4.90	6.90	1.61	4.65	3.370	
April .....	1.05	1.60	.85	.72	1.10	2.30	1.70	2.90	4.75	3.50	2.047	
May .....	2.35	1.60	4.75	1.75	3.92	.05	.20	2.60	2.25	3.15	2.262	
June .....	4.40	1.60	3.00	1.60	2.80	.80	3.10	3.40	2.10	.85	2.365	
July .....	3.72	2.45	2.55	2.55	2.20	6.20	4.50	2.10	.20	3.85	3.032	
August .....	2.50	11.17	6.80	5.15	3.95	6.10	1.73	8.32	5.40	1.10	5.222	
September....	4.60	6.30	6.80	2.15	* .00	.70	5.70	3.30	2.90	4.40	3.685	
October .....	2.50	6.45	4.20	4.92	3.85	4.45	4.30	2.85	4.20	3.90	4.162	
November ....	9.95	4.70	3.71	1.80	6.75	5.85	1.25	5.12	5.20	5.80	5.013	
December ....	.75	9.20	1.75	8.50	5.12	4.00	7.30	9.12	8.05	3.20	5.699	
TOTALS . . .	45.24	51.67	40.36	38.93	49.16	38.27	39.68	52.46	43.76	44.70	44.423	

\* 1894 September. "Not measureable - 1 oz only - ~~monthly~~ fell from 24th."





# RAINFALL AT *Langholm Ewes Burnfoot*

Lat. ....

Lon. ....

County of *Dumfriesshire*

Rain Gauge, by .....

Observer *J.C. Little Esq*

*Box - 5.*

Diameter ....	3											
Height .....	0 6	1 0							0 3			
Altitude ....	541 $\pi$											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	8.47	4.17	3.68	2.23	7.36	3.22	3.54	1.80	3.44	10.10	4.801	
February ....	.85	.75	2.53	7.65	12.20	.87	3.18	4.62	5.60	4.64	4.289	
March .....	4.60	4.50	2.08	2.44	3.86	4.91	6.47	7.40	2.52	5.08	4.386	
April .....	1.52	2.43	1.23	.80	1.88	3.41	2.48	3.58	5.57	5.65	2.855	
May .....	2.58	2.65	6.14	2.50	5.40	.79	.79	2.78	3.49	3.94	3.106	
June .....	5.35	1.91	4.17	2.57	4.10	1.47	4.18	3.83	2.64	1.45	3.167	
July .....	5.10	3.47	3.48	3.14	2.92	6.99	5.00	2.89	.80	4.74	3.853	
August .....	3.90	12.00	7.26	3.64	4.92	6.80	2.60	9.03	6.30	1.48	5.793	
September....	4.54	8.18	7.10	3.17	.78	2.39	8.26	4.15	2.60	4.78	4.595	
October .....	4.57	6.18	5.17	4.88	4.58	5.25	6.20	2.90	6.00	4.63	5.036	
November....	9.30	6.00	4.81	2.50	6.79	7.04	2.02	6.20	6.20	9.78	6.064	
December ....	1.44	10.21	2.50	9.77	7.40	4.69	8.83	9.90	10.50	2.88	6.812	
TOTALS ....	52.22	62.45	50.15	45.29	62.19	47.83	53.55	59.08	55.66	59.15	54.757	

*1890 Ewes Church 4 miles S*







# RAINFALL AT *Lawick Wolfelee*

Lat. ....

Lon. ....

County of *Nottingham*

Rain Gauge, by .....

Observer *J. T. S. Elliot Esq*

*Tenist 10-3*

Diameter ....	5										
Height .....	0 6										
Altitude ....	587				601						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	7.99	2.66	(2.50)	2.14	6.06	3.29	1.98	1.40	1.82	5.85	3.569
February ....	1.17	.11	1.85	4.27	11.16	1.29	2.28	3.41	2.57	3.85	3.196
March .....	3.12	3.77	1.17	1.25	2.78	5.70	4.18	5.21	(2.00)	4.25	3.343
April .....	.90	1.57	1.67	.64	1.56	2.47	1.39	2.20	(3.00)	3.46	1.886
May .....	2.04	2.12	3.66	.27	3.21	1.06	.91	2.77	(2.75)	3.24	2.203
June .....	3.10	.87	3.82	(2.50)	3.27	1.47	2.06	3.15	(2.25)	1.30	2.379
July .....	2.23	2.99	2.30	(3.50)	1.55	5.54	2.82	3.09	.89	3.09	2.800
August .....	3.30	6.86	5.06	(4.00)	5.62	2.98	.93	5.34	2.38	.52	3.699
September....	1.81	8.37	3.41	.96	1.11	.47	4.80	2.92	1.01	1.92	2.678
October .....	1.81	4.19	6.05	1.76	4.25	5.96	6.42	2.98	3.69	4.24	4.135
November....	6.69	3.32	2.89	3.26	5.53	5.83	1.51	3.87	4.83	6.98	4.471
December ....	1.55	6.80	1.35	5.53	4.74	3.14	5.64	6.00	7.38	1.68	4.381
TOTALS ....	35.71	43.63	(35.73)	(30.08)	50.84	39.20	34.92	42.34	(34.57)	40.38	(38.740)

1893 June to August no observations

Missing months estimated from Branchholme



# RAINFALL AT *Hawick Bransholme*

Lat. .... Lon. .... County of *Roxburgh*

Rain Gauge, by ..... Observer *W. E. Lockhart Esq*  
*J. G. Winning Esq*

*Levelling - 3.*

Diameter ....	3	5									
Height .....	0	3	-	6							
Altitude ....	451	457									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.04	2.57	1.97	1.71	4.58	2.39	1.45	.63	1.54	4.63	2.651
February ....	1.10	.23	2.23	4.07	6.76	.60	1.62	2.54	2.33	2.92	2.440
March .....	2.29	3.78	1.05	1.14	3.24	3.93	3.53	4.50	1.49	3.69	2.864
April .....	.78	1.11	.88	.77	1.11	1.55	1.09	1.63	2.62	2.92	1.446
May .....	2.01	1.71	3.88	2.23	4.30	1.28	.77	1.82	2.10	2.82	2.292
June .....	2.82	1.20	3.71	2.12	3.33	1.05	2.35	3.14	1.77	1.07	2.256
July .....	2.82	2.85	2.41	2.96	1.59	5.65	3.83	2.12	.99	3.73	2.895
August .....	3.83	6.67	4.71	3.08	4.46	4.98	1.81	4.34	2.31	.82	3.701
September ....	2.14	5.68	3.08	1.56	.91	.54	5.03	2.36	1.48	2.46	2.524
October .....	1.69	3.20	4.18	2.93	2.61	5.24	4.21	2.02	4.29	3.55	3.392
November ....	5.63	2.83	2.66	2.06	4.89	4.98	1.19	2.65	4.37	6.15	3.741
December ....	1.40	6.65	1.16	5.32	2.78	2.83	4.19	4.62	5.61	2.35	3.691
TOTALS ....	31.55	38.48	31.92	29.95	40.56	35.02	31.07	32.37	30.90	37.11	33.893

1880



# RAINFALL AT Hawick Ladylaw

Lat. ....

Lon. ....

County of  Roxburgh

Rain Gauge, by .....

Observer The Meteor Council

Twist No. 3.

J Wilson Esq

Diameter ....	5		8					5			
Height .....	1 0		0 10								
Altitude ....	448		440		462			448			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.33	1.90	1.68	1.34	3.57	2.53	1.28	1.35	1.00	3.57	2.255
February ....	1.07	.10	2.31	3.64	5.91	.89	1.66	1.67	1.73	2.16	2.114
March .....	2.00	3.30	1.18	.91	1.99	3.76	2.83	4.17	1.37	2.83	2.434
April .....	.77	1.08	1.05	.71	1.18	1.66	1.06	1.51	2.41	2.24	1.367
May .....	1.81	1.34	3.46	2.05	5.15	1.07	.70	1.90	2.44	2.59	2.251
June .....	2.45	1.08	3.32	2.36	2.97	1.21	2.38	3.35	1.60	1.06	2.178
July .....	2.35	3.12	2.31	2.53	2.08	5.90	4.07	3.03	.67	3.83	2.989
August .....	3.98	5.36	4.86	2.94	4.59	3.72	2.03	4.70	2.20	.39	3.477
September....	1.85	5.56	2.30	1.13	1.05	.45	5.32	2.60	1.37	3.19	2.482
October .....	1.66	2.95	3.95	2.76	2.84	5.49	5.28	2.19	4.05	1.76	3.293
November ....	5.40	2.62	2.04	2.18	3.65	4.43	.97	2.70	4.30	3.97	3.226
December ....	1.63	6.31	1.17	4.29	2.52	2.66	5.34	4.75	5.01	1.37	3.505
TOTALS ....	29.30	34.72	29.63	26.84	37.50	33.77	32.92	33.92	28.15	28.96	31.571

1897 St Margaret's quoad sacra Ch 100 yards SE  
Screens 5'4" high 10 ft N.W.



RAINFALL AT Jedburgh Sunnyside  
 Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Roxburgh  
 Rain Gauge, by \_\_\_\_\_ Observer S. G. Wilson Esq  
Jervis TC-3.

Diameter ....	5										
Height .....	60										
Altitude ....	351 $\pi$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.56	1.17	1.39	1.74	2.53	2.79	.90	.84	.43	<del>3.26</del>	1.761
February ....	.80	.09	2.46	2.67	4.20	.97	1.06	.91	1.42	<del>1.81</del>	1.629
March .....	1.43	3.17	1.60	.80	.92	3.49	2.70	3.20	1.30	<del>1.97</del>	2.058
April.....	.77	1.05	.92	.62	1.38	1.52	.74	1.04	1.95	<del>2.59</del>	1.258
May .....	1.49	1.85	2.82	2.47	3.10	1.22	.89	1.55	1.80	<del>2.54</del>	1.973
June .....	3.01	.90	3.92	2.50	4.04	1.04	1.90	2.59	1.18	<del>1.35</del>	2.243
July .....	2.23	3.74	2.38	3.19	3.54	5.48	3.17	3.52	.68	<del>3.86</del>	3.179
August .....	4.72	4.93	3.75	2.45	5.55	3.34	.85	3.47	2.03	<del>.95</del>	3.204
September....	1.64	4.29	2.57	1.94	1.15	.29	3.98	2.52	.67	<del>3.82</del>	2.287
October.....	1.54	1.88	5.00	1.75	2.96	5.19	5.85	1.65	4.06	<del>1.59</del>	3.144
November....	4.16	2.23	.97	2.86	2.15	2.83	.88	2.10	2.15	<del>3.12</del>	2.345
December ....	1.71	4.92	1.20	2.52	1.90	1.58	4.02	3.12	5.35	<del>2.07</del>	2.839
TOTALS ....	26.06	30.22	28.98	25.51	33.42	29.74	26.94	26.51	23.02	28.93	(27.933)

1890 Jedburgh Church 1/2 mile S  
 Dwarf Friars 5 to 6 ft high 3 ft W

1899 Anorrum Bridge figures used



RAINFALL AT Jedburgh Ancrum Bridge  
Lat. .... Lon. .... County of Roxburgh  
Rain Gauge, by ..... Observer A. Johnston Esq  
Teviot rc - 3.

Diameter ....									5		
Height .....									20		
Altitude ....								229			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....								1.22	.55	3.26	
February ....								.91	1.20	1.81	
March .....								3.18	1.56	1.97	
April .....								1.16	2.44	2.59	
May .....								1.58	1.82	2.54	
June .....								2.99	1.28	1.35	
July .....								2.63	.71	3.86	
August .....								3.45	2.03	.95	
September ....								2.88	.68	3.82	
October .....								1.53	3.94	1.59	
November ....								1.98	2.62	3.12	
December ....								3.59	3.16	2.07	
TOTALS ....								27.10	21.99	28.93	

1898 Jedburgh Church 3 miles S  
Shrubs 5 ft high 4 to 5 ft S



RAINFALL AT *Lilliesleaf Riddell*

Lat. .... Lon. .... County of *Roxburgh*  
Rain Gauge, by ..... Observer *Genl. Spirot*  
*Tewid + c - 3.*

Diameter ....			5								
Height .....			3	5	6		8				
Altitude ....			550T		600		550				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....				1.09	3.17	3.10	1.25	1.38	1.10	3.57	
February ....				2.83	5.86	.68	1.48	1.73	1.50	2.05	
March .....				1.01	1.31	3.44	2.56	3.72	1.23	2.92	
April .....				.87	1.39	1.46	.82	1.47	3.29	2.69	
May .....				1.96	4.67	.80	.78	1.45	1.59	3.00	
June .....				2.14	3.46	2.42	2.28	3.35	1.69	1.68	
July .....			# 1.63	2.20	1.87	5.19	3.68	2.47	.85	3.15	
August .....			3.96	2.43	4.51	4.37	1.72	3.95	1.89	1.13	
September....			1.67	1.16	.89	.38	5.42	2.84	1.32	3.39	
October .....			4.35	1.82	2.93	5.57	4.27	1.80	4.09	1.71	
November....			1.49	2.23	2.90	3.74	1.04	2.08	3.19	3.75	
December ....			1.38	4.10	2.20	2.35	4.79	4.62	3.05	2.60	
TOTALS ....				23.84	35.16	33.50	30.09	30.86	24.79	31.64	

*Lilliesleaf Church 2 miles E*      *17828*  
*House 30ft high 20ft E*



# RAINFALL AT *Lilliesleaf Riddell*

Lat. ....

Lon. ....

County of

*Roxborough*

Rain Gauge, by

Observer

*Mr R Hogarth*

*Mr J Williamson*

*Teviot rc - 3.*

Diameter ....							5					
Height .....							0 8					
Altitude ....							500					
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....							1.36	1.39	1.52	3.74		
February ....							1.62	1.20	1.39	2.21		
March .....							2.62	4.75	1.27	3.17		
April .....							.79	1.11	3.33	2.72		
May .....							46	1.19	1.63	3.01		
June .....							2.42	3.29	1.38	1.57		
July .....							3.64	2.33	.90	3.08		
August .....							1.84	3.95	1.77	1.18		
September....							5.61	2.61	1.29	3.34		
October .....							4.43	1.80	4.32	1.76		
November ....							1.17	2.19	3.43	4.58		
December ....							5.01	4.57	3.48	2.16		
TOTALS ....							30.97	30.38	25.71	32.52		

1896 Lilliesleaf church 2 miles E  
 Trees 30 ft high 60 ft W  
 1898 January gauge moved 30 ft N



# RAINFALL AT *St Roswello Elliston*

Lat. .... Lon. .... County of *Roxburgh*

Rain Gauge, by ..... Observer *The Hon G. Dalrymple*

*Levit re-3.*

Diameter ....	5										
Height .....	10										
Altitude ....	352										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.26	1.31	1.42	.84	2.33	2.86	1.16	1.35	.66	3.07	1.826
February ....	.90	.08	1.72	2.75	4.89	.74	1.46	1.30	1.44	1.70	1.698
March .....	1.56	3.26	1.49	.87	.85	3.01	2.14	3.75	1.19	2.67	2.079
April .....	1.00	.61	1.50	.70	1.00	1.08	.79	1.35	3.01	2.16	1.320
May .....	1.57	1.72	3.20	1.61	4.14	.84	.71	1.10	1.51	2.96	1.936
June .....	2.92	.92	3.27	2.05	3.96	1.65	2.45	3.04	1.67	1.76	2.369
July .....	2.39	3.21	1.69	2.10	1.89	5.41	3.37	2.10	.79	2.88	2.583
August .....	4.86	5.77	4.28	2.48	4.41	4.41	1.53	3.54	1.72	1.21	3.421
September ....	1.38	4.06	1.84	.89	.73	.23	4.68	2.63	1.12	3.30	2.086
October .....	1.71	2.08	3.98	1.66	3.07	5.02	3.89	1.45	4.15	1.72	2.873
November ....	4.14	2.23	1.87	2.24	2.36	3.48	.85	2.08	3.17	3.38	2.580
December ....	1.34	5.30	.96	3.10	2.12	2.29	4.39	3.78	2.18	2.39	2.785
TOTALS ....	27.03	30.55	27.22	21.29	31.75	31.02	27.42	27.47	22.61	29.20	27.556

1880—



# RAINFALL AT *Kelso Springwood Park*

Lat. ....

Lon. ....

County of *Roxburgh*

Rain Gauge, by .....

Observer *Mr W Chaplin*

*Teviot TC-3.*

Diameter ....	10										
Height .....	10										
Altitude ....	130 L		150 L					130			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.38	.95	.95	1.33	1.86	1.10	.92	1.31	.25	2.51	1.356
February ....	.96	.10	2.10	2.95	3.49	.47	.93	.76	.82	1.18	1.376
March .....	1.15	3.77	1.15	.62	.69	.39	1.98	3.06	1.36	1.35	1.552
April .....	.61	.80	.35	.67	.80	.50	.45	.54	2.42	1.90	.904
May .....	1.23	1.76	2.80	1.28	3.41	.29	.51	.72	1.18	2.61	1.579
June .....	3.19	.72	2.84	1.89	2.18	1.65	1.55	2.40	1.43	1.18	1.903
July .....	2.25	2.55	1.72	2.79	2.24	4.67	2.39	2.08	.46	2.56	2.371
August .....	5.90	3.92	3.05	2.39	3.49	3.10	1.02	2.34	1.58	.46	2.725
September ....	1.16	4.39	1.48	1.10	.79	.14	3.72	2.34	.93	3.72	1.977
October .....	1.94	1.50	3.78	1.29	3.07	4.80	3.90	1.56	5.46	1.30	2.860
November ....	4.17	1.99	.98	2.49	1.40	2.02	.92	1.94	2.68	2.33	2.092
December ....	1.86	3.80	1.16	1.93	1.59	1.59	4.02	2.89	1.20	2.30	2.234
TOTALS ....	26.80	26.25	22.36	20.73	25.01	20.72	22.31	21.94	19.77	23.40	22.929

1890 *Kelso Church* 1 <sup>low</sup> Mile E

1890-



RAINFALL AT Melrose Asylum

Lat. ....

Lon. ....

County of

Roxburgh

Rain Gauge, by

Observer

W. PattmanEltick TC-4.Old Gauge

Diameter ....	5										
Height .....	0 6										
Altitude ....	480 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.87	1.98	1.84	1.14	3.23	3.41	1.46	1.31	.72	3.64	2.260
February ....	1.08	.18	1.83	3.26	6.92	.55	1.23	1.89	1.50	1.88	2.032
March .....	1.80	3.04	1.40	1.10	1.22	3.29	2.19	3.63	1.43	2.73	2.183
April .....	1.12	.76	1.46	.88	1.03	1.14	.79	1.40	3.14	2.45	1.417
May .....	1.71	1.45	3.56	2.14	4.47	.91	.51	1.15	1.47	3.21	2.058
June .....	3.04	.93	3.46	2.08	3.49	2.26	2.49	3.42	1.54	1.67	2.438
July .....	2.25	3.02	1.81	2.43	1.96	5.56	4.05	1.80	.76	2.92	2.656
August .....	4.52	5.50	4.06	2.74	5.06	4.17	1.25	4.22	1.99	.90	3.441
September....	1.52	4.32	1.51	.90	.72	.23	4.36	3.11	2.06	3.38	2.211
October .....	1.71	2.44	4.25	1.66	3.49	4.61	3.55	1.72	5.26	1.63	3.032
November....	4.21	2.52	1.89	2.23	2.38	4.05	1.12	1.91	3.59	3.90	2.780
December ....	1.36	5.57	1.12	3.44	2.71	2.81	4.55	4.23	2.49	2.74	3.102
TOTALS ....	28.19	31.71	28.19	24.00	36.68	32.99	27.55	29.79	25.95	31.05	29.610

1890 Melrose Church 1 mile NE

Boxes 5 ft high 20 ft NE



# RAINFALL AT *Melrose Asylum*

Lat. ....

Lon. ....

County of

*Roxburgh*

Rain Gauge, by

Observer

*Mr Pattman*

*Etnich tc - 4. New gauge*

Diameter ....	5										
Height .....	10										
Altitude ....	480 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.84	1.92	1.82	1.20	2.95	3.40	1.43	1.33	.72	3.64	2.225
February ....	.96	.19	1.85	3.23	6.24	.46	1.20	1.76	1.42	1.81	1.912
March .....	1.84	3.08	1.50	1.08	1.05	3.27	2.12	3.57	1.39	2.62	2.152
April .....	1.10	.76	1.52	.87	1.04	1.12	.79	1.41	2.81	2.43	1.385
May .....	1.61	1.43	3.51	2.14	4.47	.92	.51	1.15	1.36	3.14	2.024
June .....	2.88	.93	3.46	2.11	3.50	2.31	2.52	3.05	1.54	1.68	2.398
July .....	2.24	2.96	1.70	2.45	1.99	5.61	4.16	1.77	.76	2.91	2.655
August .....	4.75	5.21	3.94	2.67	5.05	4.17	1.27	4.29	1.96	.91	3.422
September ....	1.52	4.03	1.37	.91	.72	.23	4.39	2.94	2.07	3.39	2.157
October .....	1.76	2.42	4.06	1.66	3.70	4.59	3.53	1.57	5.23	1.59	3.011
November ....	4.25	2.49	1.82	2.26	2.39	3.95	1.11	1.92	3.51	3.85	2.755
December ....	1.36	5.57	1.10	3.29	2.58	2.80	4.52	3.97	2.34	2.68	3.021
TOTALS ....	28.11	30.99	27.65	23.87	35.68	32.83	27.55	28.73	25.11	30.65	29.117

1890 Melrose Church 1 mile NE  
 Inst Box 5 ft high 14 ft NE



# RAINFALL AT *Melrose Abbey Gate*

Lat. .... Lon. .... County of *Roxburgh*

Rain Gauge, by ..... Observer *Mr A.B. Dodds*

*Streck FC-4.*

Diameter ....	5										
Height .....	0 6										
Altitude ....	280 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.96	1.99	1.74	1.36	3.44	3.47					
February ....	.88	.13	2.34	3.47	6.72	.71					
March .....	1.97	3.83	1.72	1.15	1.75	3.71					
April .....	.98	.61	1.65	.76	1.05	1.01					
May .....	1.62	1.91	3.39	2.32	4.63	1.05					
June .....	2.64	.90	3.98	2.24	3.38	1.95					
July .....	2.82	3.28	2.06	2.48	2.25	5.83					
August .....	4.95	5.63	4.11	2.76	5.50	4.09					
September ....	1.44	4.55	1.56	1.13	.83						
October .....	1.88	2.79	4.52	1.73	3.64						
November ....	4.47	2.66	1.53	2.76	2.60						
December ....	1.36	6.07	1.52	3.51	2.65						
TOTALS ....	28.97	34.35	30.12	25.67	38.44						

1890 Melrose Church 700 yards NW  
Wall 7 ft high 14 ft N



RAINFALL AT Woodplaw [Galashiels]

Lat. .... Lon. .... County of Roxburgh

..... Rain Gauge, by ..... Observer J Munay Esq  
Leader &c - 6.

Diameter ....	5											
Height .....	10											
Altitude ....	880 $\pi$											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	3.16	1.20	2.06	1.44	2.95	4.52	1.62	1.95	.97	3.11	2.298	
February ....	1.09	.32	2.28	3.17	6.33	.76	1.42	1.98	1.49	1.89	2.073	
March .....	1.74	4.01	1.32	.86	1.23	3.93	2.31	3.98	1.49	1.98	2.285	
April .....	1.12	.90	1.16	.86	1.31	.91	.91	1.24	3.55	3.37	1.533	
May .....	1.51	1.89	2.98	1.99	4.42	.36	.53	1.21	1.56	3.14	1.959	
June .....	3.52	.90	2.74	2.45	3.36	1.50	2.29	3.70	1.33	1.48	2.327	
July. ....	2.96	3.45	1.65	2.32	2.06	5.60	4.19	2.54	1.18	2.79	2.874	
August .....	5.43	5.37	3.78	3.11	4.53	4.46	1.73	4.35	3.17	1.11	3.704	
September....	2.09	5.01	1.57	1.10	.90	.30	4.55	2.32	2.64	3.61	2.409	
October .....	2.50	2.74	3.79	1.66	3.88	5.14	4.10	1.87	5.57	1.59	3.284	
November....	4.56	3.03	1.60	2.23	1.91	3.56	1.08	2.23	4.43	4.03	2.866	
December ....	1.80	5.01	1.34	3.57	2.07	3.38	4.99	3.50	2.13	2.65	3.044	
TOTALS ....	31.48	33.83	26.27	24.76	34.95	34.42	29.72	30.87	29.51	30.75	30.656	

1896 Melrose Church 6 miles E.S.E

1880-



# RAINFALL AT *Kelso Broomlands*

Lat. ....

Lon. ....

County of *Roxburgh*

Rain Gauge, by .....

Observer *Dr Buchan*

*Sweed, lower, L. bank - 7.*

Diameter ....	...										
Height .....	...										
Altitude ....	<i>205</i>										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	<i>2.56</i>	<i>.98</i>	<i>1.00</i>	<i>1.82</i>	<i>1.73</i>	<i>2.59</i>	<i>1.35</i>	<i>1.05</i>	<i>.41</i>	<i>2.86</i>	<i>1.625</i>
February ....	<i>.91</i>	<i>.27</i>	<i>1.88</i>	<i>2.72</i>	<i>3.37</i>	<i>1.12</i>	<i>1.13</i>	<i>.87</i>	<i>1.07</i>	<i>1.41</i>	<i>1.475</i>
March .....	<i>1.41</i>	<i>3.60</i>	<i>1.21</i>	<i>.86</i>	<i>.31</i>	<i>2.93</i>	<i>2.26</i>	<i>2.69</i>	<i>1.46</i>	<i>1.61</i>	<i>1.834</i>
April .....	<i>.62</i>	<i>.66</i>	<i>.61</i>	<i>.64</i>	<i>1.04</i>	<i>1.00</i>	<i>1.09</i>	<i>.92</i>	<i>4.05</i>	<i>2.54</i>	<i>1.317</i>
May .....	<i>1.34</i>	<i>2.62</i>	<i>2.22</i>	<i>1.85</i>	<i>2.86</i>	<i>1.82</i>	<i>1.30</i>	<i>1.31</i>	<i>1.49</i>	<i>3.25</i>	<i>1.956</i>
June .....	<i>2.66</i>	<i>.68</i>	<i>3.28</i>	<i>2.21</i>	<i>2.69</i>	<i>2.13</i>	<i>2.10</i>	<i>3.15</i>	<i>1.33</i>	<i>1.56</i>	<i>2.179</i>
July .....	<i>3.01</i>	<i>2.36</i>	<i>1.63</i>	<i>2.30</i>	<i>2.99</i>	<i>5.47</i>	<i>3.17</i>	<i>2.78</i>	<i>1.02</i>	<i>3.20</i>	<i>2.793</i>
August .....	<i>6.15</i>	<i>3.71</i>	<i>3.27</i>	<i>1.70</i>	<i>3.68</i>	<i>4.74</i>	<i>1.60</i>	<i>2.49</i>	<i>1.86</i>	<i>.95</i>	<i>3.015</i>
September ....	<i>.98</i>	<i>4.51</i>	<i>2.03</i>	<i>1.34</i>	<i>1.06</i>	<i>.20</i>	<i>4.74</i>	<i>2.44</i>	<i>1.12</i>	<i>3.41</i>	<i>2.183</i>
October .....	<i>2.22</i>	<i>1.45</i>	<i>3.79</i>	<i>1.65</i>	<i>3.30</i>	<i>5.38</i>	<i>4.93</i>	<i>1.32</i>	<i>5.61</i>	<i>1.66</i>	<i>3.131</i>
November ....	<i>5.22</i>	<i>2.04</i>	<i>1.16</i>	<i>2.44</i>	<i>1.74</i>	<i>2.57</i>	<i>1.21</i>	<i>1.89</i>	<i>3.00</i>	<i>2.53</i>	<i>2.380</i>
December ....	<i>1.78</i>	<i>3.96</i>	<i>1.22</i>	<i>1.88</i>	<i>1.78</i>	<i>1.95</i>	<i>4.86</i>	<i>2.90</i>	<i>1.36</i>	<i>2.90</i>	<i>2.459</i>
TOTALS ....	<i>28.86</i>	<i>26.84</i>	<i>23.30</i>	<i>21.41</i>	<i>26.55</i>	<i>31.40</i>	<i>29.74</i>	<i>23.81</i>	<i>23.78</i>	<i>27.88</i>	<i>26.357</i>



# RAINFALL AT *New Castleton The Flatt*

Lat. .... Lon. .... County of *Roxburgh*

*sek-8.* Rain Gauge, by ..... Observer *J. Elliot Esq*

Diameter ....	3										
Height .....	0 9										
Altitude ....	350 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.10	3.70	5.10	1.50	5.70	3.50	3.10				
February ....	1.10	.50	2.70	7.30	9.00	.90	4.10				
March .....	2.80	3.00	1.90	1.50	2.70	5.70	4.70				
April .....	1.20	1.60	1.20	.60	1.30	2.40	1.50				
May .....	2.30	1.90	5.70	2.10	4.50	.60	.40				
June .....	4.30	1.80	3.60	1.80	3.20	1.40	3.00				
July .....	3.20	3.60	3.60	3.10	2.10	6.40	4.40				
August .....	3.50	10.60	7.40	5.30	5.10	8.20	1.80				
September....	3.80	7.90	7.20	3.30	.50	1.60	5.70				
October .....	2.70	3.90	5.40	4.00	5.60	5.10	5.30				
November....	8.50	3.40	3.30	2.20	5.30	5.20	1.30				
December ....	.90	9.20	2.50	6.70	5.10	4.30	6.70				
TOTALS ....	40.40	51.10	49.60	39.40	50.10	45.30	42.00	<i>No Reply</i>			(47.00) *

*1890 Castleton Church 4 1/2 Miles NNE*  
*Wall 6 ft high 20 ft W*

\* Computed from *Unthank Hall and Langhorne*  
*Ewes.*



RAINFALL AT *New Castleton Kirmdean*

Lat..... Lon..... County of *Roxburgh*  
Rain Gauge, by ..... Observer *J. M. Elliot Esq*

*Box - 8.*

Diameter ....					3						
Height .....					8						
Altitude ....					450						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....					7.53	} 6.25	3.00				
February ....					13.17		4.00				
March .....					3.40	6.70	7.23				
April .....					2.35	2.65	1.70				
May .....					4.42	.85	.60				
June .....					3.90	1.30	3.55				
July .....					2.83	5.90	4.40				
August .....					5.20	6.70	2.35				
September....					.68	1.10	8.30				
October .....					5.65	4.85	5.20				
November....					7.85	6.30	1.75				
December ....					6.25	6.88	8.93				
TOTALS ....					63.23	49.48	51.01	<i>No Reply</i>			

*1895 Castleton Church 2 1/2 mile SW*







# RAINFALL AT Meggat Head, Edinburgh W.W. No 1 (Talla Moss)

Lat. ....

Lon. ....

County of .....

Seelkirk

Rain Gauge, by .....

Observer .....

W. A. Tait Esq C.E.

Tweed, Ettrick - 2.

Diameter ....							5					
Height .....							1	3				
Altitude ....							1496	7				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....							3.33	2.40	3.74	5.35		
February ....							3.98	6.02	4.00	6.60		
March .....							6.70	9.37	1.89	4.61		
April .....							2.54	5.12	6.80	4.49		
May .....							.81	3.72	2.95	3.83		
June .....							5.80	6.14	2.71	1.73		
July .....							6.87	4.25	1.92	4.91		
August .....							3.52	10.00	5.44	2.06		
September....							7.87	4.87	5.63	4.89		
October.....							6.18	5.10	6.18	4.72		
November....							2.58	4.96	6.28	11.58		
December ....							8.73	12.96	5.30	2.86		
TOTALS ....							58.91	74.91	52.84	57.63		

1896-02. monthly totals entered from P. Y. 23. XI. 1913.



Bowhill

Leetvik

Duke of Buccleugh

Mr G. Brown Gardner

Tweed, Ettrick - 2.

[illegible]



# RAINFALL AT Selkirk The Hangingshaw

Lat. .... Lon. .... County of Selkirk

Rain Gauge, by ..... Observer Miss Johnstone  
Ywea, Strachan - 2.

Diameter ....	5										
Height .....	0 6										
Altitude ....	670 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.94	1.67	2.57	1.32	3.80	2.60	1.55	2.91	.86	4.18	2.640
February ....	1.04	.43	2.48	4.07	6.70	.25	1.40	3.35	1.83	3.16	2.471
March .....	2.23	4.04	2.45	1.00	1.35	4.27	2.42	6.00	1.61	3.09	2.846
April .....	1.28	1.20	1.75	.82	1.77	1.32	1.01	1.78	3.67	3.53	1.813
May .....	2.02	1.49	2.90	2.93	5.84	.83	.56	1.46	1.83	3.33	2.319
June .....	3.75	.99	2.43	2.56	3.22	1.43	4.21	4.17	1.58	1.39	2.573
July .....	2.92	3.93	2.23	2.83	.48	6.03	4.08	1.84	1.05	2.17	2.756
August .....	4.34	6.31	4.84	3.64	4.62	3.71	1.73	5.89	2.58	1.20	3.886
September....	2.32	4.55	2.12	1.26	.90	.27	5.44	2.51	2.96	3.11	2.544
October .....	1.98	3.92	4.37	2.01	3.04	6.24	4.57	2.28	5.07	2.33	3.581
November....	5.49	3.85	2.49	2.05	2.51	4.01	1.03	2.11	5.19	5.63	3.436
December ....	1.81	6.78	1.28	5.80	1.38	2.32	4.87	6.10	3.38	2.54	3.626
TOTALS ....	34.12	39.16	31.91	30.29	35.61	33.28	32.87	40.40	31.61	35.66	34.491

1891 Garrow Church 3 miles S W



# RAINFALL AT *Galashiels Abbotsford Road*

Lat. ....

Lon. ....

County of

*Selkirk*

Rain Gauge, by

Observer

*Dr Somerville*

*Tweed, Gala - 5.*

Diameter ....	5										
Height .....	0 6										
Altitude ....	416 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.03	1.92	2.08	1.33	3.62	4.09	1.64	1.48	.73	3.13	2.405
February ....	1.22	.28	2.06	3.84	8.96	.63	1.40	1.97	1.93	1.19	2.348
March .....	1.87	4.24	1.45	1.03	1.36	4.39	2.42	3.82	1.56	2.40	2.454
April .....	1.35	.88	1.47	.81	1.15	1.12	.84	1.53	3.12	2.78	1.505
May .....	1.93	1.47	3.45	2.04	4.21	.78	.53	1.16	1.30	2.58	1.945
June .....	3.38	.91	3.03	2.52	2.80	2.22	2.45	3.42	1.25	1.46	2.344
July .....	2.61	3.46	1.96	2.33	1.53	5.36	4.12	1.61	.81	2.57	2.636
August .....	4.75	5.65	4.18	2.63	3.84	5.19	1.21	3.47	2.37	1.01	3.430
September....	1.74	5.01	1.51	.76	.46	.31	4.39	1.91	2.48	3.19	2.176
October .....	1.94	2.94	4.32	1.80	3.83	5.43	4.49	1.49	5.52	1.97	3.373
November ....	5.06	3.10	2.13	2.55	2.33	4.20	1.04	2.14	3.98	4.47	3.100
December ....	1.64	7.00	1.08	4.03	2.87	3.74	4.57	5.25	2.49	2.77	3.544
TOTALS ....	31.52	36.86	28.72	25.67	36.96	37.46	29.10	29.25	27.54	29.52	31.260

1870—



# RAINFALL AT *Galashiel Standing Craig*

Lat. ....

Lon. ....

County of *Seikirk*

Rain Gauge, by .....

Observer *Mr W Ross*

*Tweed, Gala - 5.*

Diameter ....				12.							
Height .....				1 3	1 0			1 3			
Altitude ....				1000	650		700	650			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.00	1.40	2.10	1.45	3.00	3.00	2.42	1.80	.80	3.40	2.337
February ....	1.16	.16	1.40	3.40	6.50	.55	1.06	2.15	1.06	1.36	1.880
March .....	1.80	3.82	.75	.70	1.80	3.95	3.00	4.85	1.30	2.60	2.457
April .....	1.50	1.30	1.45	1.35	1.58	1.12	1.06	1.40	3.63	3.40	1.779
May .....	1.80	1.90	3.00	2.60	5.10	.80	.56	1.20	2.20	3.60	2.276
June .....	3.12	1.12	3.00	2.50	3.00	1.45	3.40	3.64	1.80	1.04	2.407
July .....	3.14	3.93	1.50	2.60	2.16	6.25	3.00	1.85	1.12	3.40	2.895
August .....	6.13	6.00	4.30	2.90	5.25	4.06	1.80	4.56	3.30	1.06	3.936
September....	2.00	4.15	1.80	1.00	1.00	.36	4.80	2.50	3.00	1.00	2.161
October .....	2.10	3.60	4.50	1.96	3.45	5.20	4.22	2.12	6.30	2.12	3.557
November....	5.50	3.62	1.75	2.06	2.66	4.00	1.50	2.14	5.40	5.10	3.373
December ....	3.06	5.10	1.10	4.25	2.40	3.45	4.55	3.66	2.36	3.20	3.313
TOTALS ....	35.31	36.10	26.65	26.77	37.90	34.19	31.37	31.87	32.27	31.28	32.371

1894 Caddon Fort Church 4 miles 5  
Dry Stone Wall 4 6" high 60 ft 5







# RAINFALL AT Ravenscraig Edinburgh W.W. No 3

Lat. .... Lon. .... County of Peebles

Rain Gauge, by ..... Observer W. A. Tait Esq. C.E.  
Sweed, R bank - 1

Diameter ....							5					
Height .....							1	3				
Altitude ....							2258	ft				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....							3.80	(2.32)	5.23	(7.77)		
February ....							4.38	(5.83)	(3.65)	(4.79)		
March .....							5.81	6.95	(1.75)	5.70		
April .....							2.45	5.05	6.82	5.52		
May .....							(.75)	3.76	2.87	4.81		
June .....							5.25	4.46	5.31	2.57		
July .....							7.45	4.45	1.75	5.70		
August .....							4.10	13.30	9.77	2.42		
September ....							8.97	5.68	6.39	6.40		
October .....							4.54	4.88	7.06	7.01		
November ....							2.24	7.40	8.50	12.72		
December ....							8.15	12.89	11.75	2.66		
TOTALS ...							57.89	76.97	70.85	68.07		

1896 May. G. tampered with. Total is average of 6 other gg.  
 1897 Jan.-Feb. } G. frozen. Total divided proportionally  
 1898 Feb.-Mar. } by the average of remaining gg.  
 1899 Jan.-Feb. }

1896-02. Monthly totals entered from P. Y. 28. XI. 1913



# RAINFALL AT Gameshope Loch Edinburgh WW No 4

Lat. ....

Lon. ....

County of Peebles

Rain Gauge, by .....

Observer W. A. Tait Esq C.E.

Tweed, Rbank - 1.

Diameter ....							5				
Height .....							1	3			
Altitude ....							1860	ft			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							3.87	2.07	4.40	7.68	
February ....							4.32	6.62	3.60	7.67	
March .....							9.20	9.15	1.85	6.72	
April .....							2.52	5.50	7.70	6.42	
May .....							.93	3.96	2.87	5.08	
June .....							5.90	5.83	4.31	2.37	
July .....							7.40	4.50	1.57	5.47	
August .....							4.33	13.54	7.30	2.60	
September....							9.98	4.70	5.50	5.60	
October .....							6.15	5.88	8.92	6.02	
November....							2.77	6.61	7.50	12.67	
December ....							10.28	15.40	9.70	2.42	
TOTALS . . .							67.65	83.76	65.22	70.72	

1896-02. Monthly totals entered from P.Y. 28.XI.1913.



# RAINFALL AT Loch Craig Head (Edinburgh WWS) No 2

Lat. ....

Lon. ....

County of Peebles

Rain Gauge, by .....

Observer W. A. Tait Esq C.E.

Inver, Rbank - 1.

Diameter ....							5					
Height .....							1	3				
Altitude ....							2627	7				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....							3.82	(3.04)	4.64	(7.50)		
February ....							4.80	(7.61)	(3.37)	(6.36)		
March .....							5.80	(9.27)	(1.58)	6.05		
April .....							2.13	(5.13)	(5.13)	4.73		
May .....							.76	3.95	2.51	4.78		
June .....							6.05	4.68	4.17	(2.12)		
July .....							7.23	5.55	2.10	6.31		
August .....							3.62	12.48	6.68	2.84		
September....							9.13	5.43	5.80	6.17		
October.....							4.29	4.62	7.58	6.04		
November....							2.45	6.80	7.47	13.49		
December ....							8.50	11.26	12.10	2.40		
TOTALS . . .							58.58	79.82	63.13	68.79		

1897 Jan.-April. }  
 1898 Feb.-April }  
 1899 Jan.-Feb. }  
 es. frozen and total amounts divided  
 proportionally by monthly averages of  
 remaining gauges.

1899 June. g. tampered with. Total = average of remaining gauges.

1896-99 monthly totals entered from P.Y. 28.XI.1913.



# RAINFALL AT Gameshope Farm Edinburgh W.W. No. 5 a.

Lat. .... Lon. .... County of Peebles

Rain Gauge, by ..... Observer W. A. Tait Esq  
Tweed, R. bank - 1.

Diameter ....							5				
Height .....							1	3			
Altitude ....							1538	<del>7</del>			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							4.24	3.00	4.96	7.78	
February ....							4.35	8.21	5.89	8.19	
March .....							7.29	11.45	2.50	7.82	
April .....							2.57	6.48	7.58	6.24	
May .....							.70	3.89	2.91	5.57	
June .....							6.05	5.00	4.99	2.81	
July .....							7.25	4.71	1.77	5.41	
August .....							4.09	12.64	6.62	2.81	
September....							9.91	5.18	6.24	6.30	
October .....							6.69	6.34	8.93	6.69	
November....							3.05	6.63	7.96	15.65	
December ....							10.78	16.35	10.83	3.83	
TOTALS . . .							66.97	89.88	71.18	79.10	

1896-02. Monthly totals from P.Y. 28.XI.1913



# RAINFALL AT Gameshope farm Edinburgh W W No. 5

Lat. ....

Lon. ....

County of Peebles

Rain Gauge, by .....

Observer W. A. Tait Esq C.E.

Tweed, R. bank - 1.

Diameter ....							5				
Height .....							1	3			
Altitude ....							1538				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							4.33	3.03	5.12	7.78	
February ....							4.55	8.25	6.00	8.17	
March .....							7.37	11.53	2.50	7.88	
April .....							2.60	6.50	7.67	6.25	
May .....							7.0	4.00	3.11	5.60	
June .....							6.07	5.50		2.95	
July .....							7.34	4.75	1.70	4.20	
August .....							4.15	12.65	6.47	2.83	
September ....							10.05	5.40	6.03	6.33	
October .....							6.83	6.38	8.53	6.80	
November ....							3.00	6.68	7.95	15.65	
December ....							11.05	16.45	10.85	3.75	
TOTALS . . .							68.04	91.12	...	78.19	

1898. Gauge leaking in June.

1896-'02. Monthly totals entered from P. Y. 28. XI. 1903.



# RAINFALL AT Talla Linns Foot Farm, Edinburgh W.W. No 6 a

Lat. ....

Lon. ....

County of Peebles

Rain Gauge, by

Observer W. A. Tait Esq

Fixed, R. bank - 1.

Diameter ....							5				
Height .....							1	3			
Altitude ....							966	7			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							3.23	2.91	3.25	6.37	
February ....							3.08	6.36	4.76	6.19	
March .....							6.09	10.90	2.10	6.07	
April .....							1.98	4.66	6.45	5.17	
May .....							.54	3.35	2.89	4.35	
June .....							5.26	5.38	3.07	2.05	
July .....							5.92	4.18	1.75	4.02	
August .....							2.84	10.12	5.26	2.30	
September....							7.10	4.44	5.55	5.51	
October .....							6.82	4.97	7.30	4.87	
November....							2.43	5.10	7.27	12.34	
December ....							8.55	13.53	9.12	3.91	
TOTALS ....							53.84	75.90	58.77	63.15	

1896-02. Monthly totals entered from P.V. 28. XI. 1913.



RAINFALL AT Talla Linns foot farm Edinburgh W.W. No. 6

Lat. .... Lon. .... County of Peebles

Rain Gauge, by ..... Observer W. A. Tait Esq. C.E.  
Tweed, R. bank - 1. Monthly

Diameter ....							5				
Height .....							1	3			
Altitude ....							966	ft			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							2.69	2.88	3.60	6.38	
February ....							3.58	6.48	5.20	6.18	
March .....							6.49	10.93	2.53	6.05	
April .....							2.33	4.69	6.50	5.23	
May .....							.60	3.37	3.03	4.34	
June .....							5.50	5.35	3.00	2.17	
July .....							5.98	4.28	1.65	4.02	
August .....							2.98	10.20	5.26	2.33	
September ....							7.35	4.12	5.55	5.51	
October .....							7.21	4.72	7.30	4.97	
November ....							2.88	5.21	7.30	12.38	
December ....							8.65	14.72	9.13	3.92	
TOTALS ....							56.24	76.95	60.05	63.48	

1896-1902 Monthly totals entered from P. V. 28. XI. 1913.



RAINFALL AT Quarter Hill, Edinburgh W.W. No. 7a

Lat. .... Lon. .... County of Peebles

Rain Gauge, by ..... Observer W. A. Tait Esq. C.E.  
Tweed, Rbank - 1.

Diameter ....							5					
Height .....							1	3				
Altitude ....							1196	ft				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....							2.49	1.85	3.06	5.39		
February ....							2.39	3.56	3.42	4.41		
March .....							5.59	6.75	1.83	4.42		
April .....							1.98	3.36	4.23	(4.25)		
May .....							.75	2.31	2.85	3.55		
June .....							3.98	5.19	2.97	1.20		
July .....							5.07	3.56	1.81	3.63		
August .....							2.70	6.96	5.10	2.15		
September....							5.20	4.05	4.32	5.67		
October .....							5.00	3.15	6.28	4.32		
November....							1.69	4.21	5.84	10.18		
December ....							6.15	9.18	7.62	2.69		
TOTALS ....							42.99	54.13	49.33	51.86		

'96-'02 Monthly totals entered from P.Y. 28. XI. 1913.  
1899 April. G. tampered with.



# RAINFALL AT Quarter Hill, Edinburgh W.W. No. 7.

Lat. ....

Lon. ....

County of Peebles

Rain Gauge, by .....

Observer W. a. Tait Esq.

Tweed, R. bank - 1. Monthly.

Diameter ....							5					
Height .....							1	3				
Altitude ....							1196	<del>7</del>				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....							2.49	1.74	2.82	5.40		
February ....							3.03	3.90	3.40	4.20		
March .....							5.20	6.43	1.55	4.02		
April .....							1.97	3.36	4.57	4.33		
May .....							.75	2.54	2.81	2.93		
June .....							4.24	5.00	2.80	1.58		
July .....							4.80	3.55	1.72	3.23		
August .....							2.70	7.32	5.13	2.40		
September....							5.25	3.70	4.35	5.55		
October .....							5.11	3.13	6.00	4.03		
November....							1.59	4.20	5.80	10.17		
December ....							6.25	9.80	7.14	2.30		
TOTALS ....							43.38	54.67	48.09	50.14		

1896-1902 Monthly totals entered from P.T. 28. XI. 1913.



# RAINFALL AT Innerleithen The Glen

Lat. .... Lon. .... County of Peebles

Rain Gauge, by ..... Observer Jr Buchan  
Tweed, Rbank - 1.

Diameter ....	...										
Height .....	...										
Altitude ....	....										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	7.20	2.50	3.20	4.30	6.70	4.30	1.90	2.40	1.80	4.00	
February ....	.50	.30	3.00	4.90	13.00	...	1.90	4.00	4.00	2.70	
March .....	3.00		1.00	1.20	2.70	5.10	4.40	8.00	2.00	3.00	
April .....	1.40	.70	.60	1.50	2.20	1.30	2.60	2.40	3.20	3.00	
May .....	2.30	1.50	3.20	2.00	5.00	.60	.70	1.70	2.00	3.10	
June .....	3.50	1.50	3.10	2.10	2.20	2.60	2.70	4.00	1.80	.70	
July .....	2.55	3.40	2.00	4.00	2.10	5.50	4.20	1.70	.90	2.50	
August .....	3.70	6.00	5.30	3.50	4.50	4.40	1.70	4.90	3.00	.50	
September ....	3.30	6.00	3.00	1.90	.50	.70	5.20	3.10	2.70	3.60	
October .....	2.35	5.20	4.00	3.10	3.30	4.40	5.10	2.40	6.40	2.20	
November ....	5.80	5.10	2.30	3.00	4.90	5.30	1.30	2.60	6.50	7.20	
December ....	1.10	10.40	2.20	6.30	4.00	4.00	4.90	7.60	5.10	2.40	
TOTALS ....	36.70		32.90 np	37.80 np	51.10 np		36.60 np	44.80	39.40	34.90	

1892-1896 received from Mr Edinburgh November 1931 - late np.



RAINFALL AT Manor Glenrath & Langhaugh

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Peebles

Rain Gauge, by \_\_\_\_\_ Observer Mr S Linton  
Twiss Bank - 1.

Diameter ....	5										
Height .....	4 0										
Altitude ....	764 $\pi$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.15	2.45									
February ....	1.60	.30									
March .....	3.25	1.25									
April.....	2.20	.30									
May .....	2.00	.30									
June .....	4.15	1.85									
July .....	2.70	3.55									
August .....	3.65	6.97									
September....	4.10	9.40									
October.....	2.70	7.80									
November....	9.40	7.00									
December ....	3.00	11.00									
TOTALS ....	44.90	(52.17)									

1891 Gauge moved 2 miles S to Langhaugh at Whitsuntide



# RAINFALL AT Peebles Nailzie

Lat. ....

Lon. ....

County of

Peebles

Rain Gauge, by

Observer

Cap W C Black

Three, Rank - 1.

Diameter ....	5										
Height .....	3 6		4	3 6							
Altitude ....	559 $\pi$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.80	1.86	2.50	1.61	5.58						
February ....	.91	.57	3.23	3.98	8.83						
March .....	3.16	5.39	1.90	.92	2.93						
April .....	1.49	1.89	1.32	2.18	1.82						
May .....	1.82	1.37	3.00	2.42	4.05						
June .....	3.11	1.01	3.05	2.96	2.34						
July .....	3.22	3.88	1.62	2.34	1.96						
August .....	5.80	4.87	5.12	3.20	5.50						
September ....	2.64	7.02	2.52	1.72	.41						
October .....	3.09	4.86	4.69	2.71	2.89						
November ....	7.51	4.39	2.64	3.03	4.25						
December ....	2.30	8.30	1.69	5.44	3.31						
TOTALS ....	40.85	45.41	33.28	32.51	43.87	Observer					
						Dead					



RAINFALL AT Peebles Stobo Castle

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Peebles

Rain Gauge, by \_\_\_\_\_ Observer D Buchanan  
Tweed, L. bank - 2.

Diameter ....											
Height .....											
Altitude ....	600										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.90	2.70	2.80	.50	4.50	2.80	1.40	2.30	2.40	4.00	
February ....	1.00	.40	3.70	2.50	9.70	.20	1.50	3.50	5.70	2.70	
March .....	2.80	2.20	.30	.40	3.50	3.60	3.20	6.70	1.50	3.40	
April .....	1.20	1.50	.50	.30	1.20	.50	1.50	1.00	2.30	2.60	
May .....	1.90	1.80	1.00	.30	3.30	.40	.00	.50	2.50	2.00	
June .....	3.10	1.00	1.20	1.20	2.00	.80	3.90	2.50	2.20	.50	
July .....	2.50	2.70	1.40	2.30	1.90	5.00	2.70	2.40	2.00	2.70	
August .....	7.60	5.50	3.50	1.20	4.30	4.30	1.60	5.50	3.70	.70	
September....		6.80	2.60	1.20	.30	.30	3.90	2.70	3.10	3.10	
October .....	2.50	4.80	2.40	3.00	2.00	3.90	4.60	1.20	4.80	1.90	
November ....	5.90	3.00	.50	3.00	3.00	3.90	1.00	1.30	6.40	6.10	
December ....	2.00	6.50	.30	5.40	3.10	4.50	4.30	2.90	5.10	2.20	
TOTALS ....	37.40	38.90	20.20	21.30	38.80	30.20	29.60	32.50	41.70	31.90	32.250

Dec '90, Apr. '91 and Mar '98 estimated



RAINFALL AT *Innerleithen Runic Cross*

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of *Peebles*

Rain Gauge, by \_\_\_\_\_ Observer *Mr R. Mathison*  
*Twiss, L. bank - 2.*

Diameter ....	<i>5</i>										
Height .....	<i>1 0</i>										
Altitude ....	<i>474 ft</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>5.24</i>										
February ....	<i>1.11</i>										
March .....	<i>1.94</i>										
April .....	<i>1.92</i>										
May .....	<i>1.58</i>										
June .....	<i>3.62</i>										
July .....	<i>2.22</i>										
August .....	<i>5.02</i>										
September....	<i>2.90</i>										
October .....	<i>2.44</i>										
November....	<i>5.31</i>										
December ....	<i>1.55</i>										
	<i>#</i>										
TOTALS ....	<i>34.85</i>										

*1890 Innerleithen Church 1/4 mile N*



# RAINFALL AT

Peebles Swinton Bank

Lat. ....

Lon. ....

County of Peebles

Rain Gauge, by .....

Observer

C. A. Ainslie Esq

Twiss, L. bank - 2.

Diameter ....									5		
Height .....									6		
Altitude ....									600		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....									# .93	4.25	
February ....									2.14	1.67	
March .....									1.42	2.19	
April .....									3.13	2.92	
May .....									2.01	2.62	
June .....									2.02	1.25	
July .....									1.48	2.96	
August .....									2.71	1.14	
September ....									2.82	3.38	
October .....									6.41	3.21	
November ....									5.96	4.69	
December ....									4.11	2.82	
TOTALS . . .									35.14	33.10	



# RAINFALL AT *Innerleithen Leithen Lodge*

Lat. ....

Lon. ....

County of *Peebles*

Rain Gauge, by .....

Observer *Mr D Clark*

*Wood, L. bank - 2.*

Diameter ....	<i>11</i>											
Height .....	<i>0 0</i>											
Altitude ....	<i>700 T</i>											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	<i>3.90</i>	<i>2.30</i>	<i>8.91</i>	<i>4.12</i>	<i>4.20</i>	<i>2.81</i>	<i>1.70</i>	<i>1.70</i>	<i>1.62</i>	<i>5.30</i>	<i>3.656</i>	
February ....	<i>1.43</i>	<i>.14</i>	<i>4.89</i>	<i>3.79</i>	<i>4.88</i>	<i>.08</i>	<i>1.90</i>	<i>3.63</i>	<i>3.00</i>	<i>2.21</i>	<i>2.595</i>	
March .....	<i>4.10</i>	<i>9.46</i>	<i>5.21</i>	<i>1.40</i>	<i>1.63</i>	<i>2.04</i>	<i>3.33</i>	<i>5.60</i>	<i>3.11</i>	<i>2.38</i>	<i>3.826</i>	
April .....	<i>1.52</i>	<i>3.49</i>	<i>1.17</i>	<i>1.19</i>	<i>.91</i>	<i>1.26</i>	<i>2.07</i>	<i>1.91</i>	<i>4.02</i>	<i>4.00</i>	<i>2.154</i>	
May .....	<i>1.13</i>	<i>1.95</i>	<i>3.20</i>	<i>2.48</i>	<i>4.20</i>	<i>.89</i>	<i>1.16</i>	<i>1.73</i>	<i>2.56</i>	<i>2.95</i>	<i>2.225</i>	
June .....	<i>3.89</i>	<i>1.15</i>	<i>2.44</i>	<i>2.42</i>	<i>2.44</i>	<i>2.15</i>	<i>3.77</i>	<i>3.62</i>	<i>3.77</i>	<i>1.33</i>	<i>2.698</i>	
July .....	<i>2.76</i>	<i>3.75</i>	<i>1.25</i>	<i>2.20</i>	<i>2.14</i>	<i>7.20</i>	<i>3.66</i>	<i>1.70</i>	<i>1.57</i>	<i>2.75</i>	<i>2.898</i>	
August .....	<i>4.89</i>	<i>5.24</i>	<i>4.41</i>	<i>3.34</i>	<i>5.22</i>	<i>4.07</i>	<i>2.23</i>	<i>4.06</i>	<i>4.00</i>	<i>.97</i>	<i>3.843</i>	
September....	<i>3.29</i>	<i>4.68</i>	<i>1.70</i>	<i>.88</i>	<i>.73</i>	<i>1.16</i>	<i>4.20</i>	<i>3.04</i>	<i>2.98</i>	<i>3.93</i>	<i>2.659</i>	
October .....	<i>2.34</i>	<i>4.27</i>	<i>4.26</i>	<i>2.14</i>	<i>3.57</i>	<i>4.09</i>	<i>6.00</i>	<i>1.87</i>	<i>6.52</i>	<i>2.30</i>	<i>3.736</i>	
November....	<i>5.32</i>	<i>3.35</i>	<i>1.47</i>	<i>3.90</i>	<i>2.56</i>	<i>3.90</i>	<i>1.54</i>	<i>2.29</i>	<i>7.20</i>	<i>5.55</i>	<i>3.708</i>	
December ....	<i>2.04</i>	<i>9.40</i>	<i>4.26</i>	<i>4.78</i>	<i>2.07</i>	<i>5.16</i>	<i>3.90</i>	<i>5.93</i>	<i>3.19</i>	<i>5.25</i>	<i>4.598</i>	
TOTALS ....	<i>36.61</i>	<i>49.18</i>	<i>43.17</i>	<i>32.64</i>	<i>34.55</i>	<i>34.81</i>	<i>35.46</i>	<i>37.08</i>	<i>43.54</i>	<i>38.92</i>	<i>38.596</i>	

*1890 Innerleithen Church 4 Miles S*

*Wood 40 ft high 180 ft N*

*1892 Jan'y + Dec'r. Too big, but Observer states that they are correct.*



RAINFALL AT *Kirkcud Castle Craig*

Lat. .... Lon. .... County of *Peebles*

Rain Gauge, by ..... Observer *W. J. Macgregor*  
*Wood, L. bank - 2.* *R. G. R.*

Diameter ....											
Height .....											
Altitude ....								830			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....								1.39	2.70	4.00	
February ....								2.84	3.70	1.90	
March .....								3.10	1.98	2.78	
April .....							2.53	1.50	2.77	3.00	
May .....							.55	2.10	2.00	2.76	
June .....							2.96	2.70	2.29	1.45	
July .....							3.13	2.60	1.50	3.10	
August .....							1.95	3.50	2.91	1.23	
September....							3.23	3.35	2.93	4.45	
October .....							3.45	1.55	3.39	2.78	
November....							1.27	2.90	3.41	3.29	
December ....							4.30	2.95	3.20	2.95	
TOTALS ....								30.48	32.78	33.69	



# RAINFALL AT Eddlestone Portmore Reservoir

Lat. .... Lon. .... County of Peebles

Rain Gauge, by ..... Observer W. Anderson Esq

Sk-3.

Diameter ....	11										
Height .....	0 6										
Altitude ....	1000										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.10	1.40	1.43	.90	2.58	2.50	1.35	1.76	1.20	4.58	2.180
February ....	1.12	.60	2.10	3.15	7.88	1.15	1.04	1.94	2.10	1.48	2.256
March .....	3.45	4.50	1.07	.90	1.70	3.50	2.73	4.27	1.42	1.68	2.522
April .....	1.65	1.70	.85	.87	1.45	1.37	1.80	1.37	2.03	3.65	1.644
May .....	1.86	1.57	2.68	1.45	4.15	.93	.73	1.88	2.08	3.00	2.033
June .....	4.60	.70	3.35	4.77	2.28	1.55	3.23	4.28	2.72	1.40	2.888
July .....	3.47	3.55	1.75	2.35	1.30	5.40	4.02	2.50	1.50	3.70	2.954
August .....	5.28	6.85	4.20	3.12	4.67	6.12	1.55	4.77	3.98	.98	4.152
September....	2.50	7.70	2.53	1.65	.80	.47	4.17	2.90	2.85	3.45	2.902
October .....	3.75	2.92	4.20	2.80	2.65	4.45	5.00	1.22	5.30	3.55	3.584
November....	6.92	3.08	1.20	2.57	1.97	3.09	1.93	2.47	5.47	4.05	3.275
December ....	2.65	5.53	1.67	3.05	2.03	3.70	4.07	3.10	3.05	2.37	3.122
TOTALS ....	41.35	40.10	27.03	27.58	33.46	34.23	31.62	32.46	33.70	33.89	33.542

1880-



# RAINFALL AT West Reservoir [Penicuik]

Lat. ....

Lon. ....

County of Peebles

Rain Gauge, by .....

Observer Mr J. Gamock  
Mr. W. Tod

bk-3.

Diameter ....	11										
Height .....	0 6										
Altitude ....	1150 $\uparrow$										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.35	2.10	2.00	1.20	5.35	3.75	1.10	2.35	2.05	6.40	3.175 ✓
February ....	.90	1.25	3.50	5.20	11.90	.80	1.95	2.30	3.20	2.25	3.325 ✓
March .....	3.75	5.65	2.15	.95	3.70	5.40	2.95	4.75	2.40	3.25	3.495 ✓
April .....	1.50	1.05	.90	.90	1.70	1.50	1.85	2.20	2.55	4.65	1.880
May .....	2.05	(2.20) <sup>#</sup>	3.25	1.20	4.35	.90	.50	1.95	2.90	3.75	2.305 ✓
June .....	5.75	(1.50)	3.25	4.70	3.10	1.40	3.75	4.45	2.35	1.35	3.160
July .....	5.15	(2.30) <sup>#</sup>	1.40	2.95	2.15	4.00	4.05	2.65	1.60	4.95	3.120
August .....	5.60	6.60	4.90	3.25	5.50	6.35	2.20	4.05	5.60	.95	4.500
September....	4.85	10.35	2.80	2.25	.45	1.35	4.75	3.05	4.25	3.90	3.800
October .....	4.35	3.08	5.00	3.65	2.80	3.85	6.00	1.85	5.15	3.60	3.933
November ....	8.25	2.65	2.40	2.75	2.55	3.50	1.60	3.75	7.50	4.85	3.980
December ....	2.55	9.15	1.85	4.40	3.45	4.80	5.85	5.00	6.00	3.35	4.640
TOTALS ....	50.05	(47.88)	33.40	33.50	47.00	37.60	36.55	38.35	45.55	43.25	41.313

1891 May-July No obs. owing to illness and death of observer

1892 West Linton Church 5 miles S W

Trees 24 ft high 48 ft N

May to July 1891 estimated







RAINFALL AT Earlston Cowderknowes The Gardens

Lat. 55 39 N Lon. 2 43 W County of Berwick

\_\_\_\_\_ Rain Gauge, by \_\_\_\_\_ Observer Mr. J. Robertson

Leader - 2.

Diameter ....	5										
Height .....	10										
Altitude ....	360										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.02	2.08	1.58	1.46	2.77	3.47	1.35	1.67	.89	2.95	2.124
February ....	.95	.21	2.25	3.44	6.23	.68	1.04	1.55	1.29	1.66	1.930
March .....	1.67	4.10	1.57	1.00	1.33	3.25	2.28	3.68	1.76	1.84	2.248
April .....	.98	.61	1.07	.78	1.14	.88	.98	1.17	2.97	2.66	1.324
May .....	1.29	1.43	2.83	2.15	3.75	1.04	.59	1.03	1.41	3.11	1.863
June .....	2.52	.83	3.14	2.14	3.05	1.32	1.94	3.40	1.12	1.64	2.110
July .....	2.80	2.21	1.73	2.22	2.18	4.80	3.78	1.45	.89	2.96	2.502
August .....	4.77	6.00	3.60	1.88	4.08	4.86	1.57	4.23	2.35	.79	3.413
September....	1.26	3.82	1.29	1.00	.67	.13	4.23	2.57	2.23	2.12	1.932
October .....	1.71	2.17	3.65	1.53	3.39	4.70	3.26	1.54	5.84	1.97	2.976
November....	3.94	2.39	1.43	2.44	2.11	3.36	1.19	1.95	3.76	3.53	2.610
December ....	.80	5.32	1.33	2.77	2.30	2.78	4.86	3.75	1.66	2.80	2.837
TOTALS ....	25.71	31.17	25.47	22.81	33.00	31.27	27.07	27.99	26.17	28.03	24.869

1899 January New Negretti gauge



RAINFALL AT Newton Don [Kelso]

Lat..... Lon..... County of Berwick

Timed, L. bank - 3 Rain Gauge, by ..... Observer C. B. Balfour Esq

Diameter ....											
Height .....											
Altitude ....			300								
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....				1.69	1.86	2.84	1.30	1.64			
February ....				3.55	3.92	1.14	1.16	.98			
March .....			# 1.32	.82	.72	3.40	2.11	3.11			
April .....			.71	.58	1.48	.84	.45	.93			
May .....			2.82	1.48	3.14	.82	1.02	1.08			
June .....			3.86	2.34	1.88	1.83	1.80	2.45			
July .....			1.71	2.10	2.12	5.16	2.91	1.76			
August .....			3.51	2.50	3.66	4.05	1.29	2.62			
September....			1.86	1.04	.76	.12	3.71	2.26			
October .....			3.29	1.31	3.35	3.02	4.27	1.34			
November....			1.22	2.49	1.51	2.39	1.20	1.91			
December ....			1.73	2.06	1.77	1.92	4.69	3.34			
TOTALS ....				21.96	26.17	27.53	25.91	23.42			



# RAINFALL AT Goldstream The Wisel

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Berwick

Snowdon Rain Gauge, by \_\_\_\_\_ Observer Mr Cairns

New Gauge Tweed, L. bank - 3.

Diameter ....	5										
Height .....	10										
Altitude ....	75 ft		94								
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.66	1.11	1.15	1.08	1.96	3.22	1.10	1.42	.48	2.88	1.606
February ....	1.61	.10	2.54	2.62	3.33	1.07	.93	.95	1.38	1.24	1.577
March .....	1.64	4.07	1.05	.59	.81	2.90	1.93	2.78	1.22	1.66	1.865
April .....	.73	1.19	1.03	.76	.74	.95	.96	1.38	2.33	2.63	1.270
May .....	1.17	1.54	2.54	1.41	3.00	.45	1.09	1.14	1.44	4.15	1.793
June .....	2.63	.68	2.79	2.22	1.77	1.60	1.73	2.09	1.22	1.66	1.839
July .....	2.17	2.34	1.77	3.98	3.17	4.88	2.55	2.40	.95	2.82	2.703
August .....	3.75	3.76	4.09	1.70	3.83	3.22	2.02	2.58	1.87	1.50	2.832
September....	1.41	4.25	1.53	.91	1.43	.20	4.35	2.71	.94	3.08	2.081
October .....	2.25	1.41	4.01	1.14	3.48	5.78	5.76	1.36	5.42	1.76	3.237
November....	4.13	2.40	1.30	3.02	1.24	1.95	1.34	2.01	2.99	2.08	2.246
December ....	1.66	3.65	1.45	1.51	1.30	1.80	5.04	2.56	1.31	2.86	2.314
TOTALS ....	24.81	26.50	25.25	20.94	26.06	28.02	28.80	23.38	21.55	28.32	25.363

1892 Gauge moved January 1<sup>st</sup> 500 yards 19 ft higher above sea

1880 -



RAINFALL AT Goldstream Milne Garden

Lat. .... Lon. .... County of Berwick

Rain Gauge, by ..... Observer Dr Buchan

Wood, L. bank - 3.

Diameter ....											
Height .....											
Altitude ....		103									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....		93	2.55	1.16							
February ....		1.50	2.40	3.01							
March .....		4.19	1.23	.93							
April .....		.76	1.02	.71							
May .....		2.54	2.41	1.35							
June .....		.53	2.52	2.35							
July .....		2.30	2.65	3.08							
August .....		4.10	5.51	1.63							
September ....		5.74	1.50	1.74							
October .....		1.76	4.75	1.17							
November ....		2.43	.98	3.11							
December ....		4.59	1.07	1.41							
TOTALS ....		31.37	28.59	21.65	no data						



# RAINFALL AT *Durham Observatory*

80

Lat. ....

Lon. ....

County of *Durham*

Rain Gauge, by .....

Observer *G. A. Goldney, Esq.*

*Wear 2*

Diameter ....	<i>8</i>										
Height .....	<i>4.3</i>										
Altitude ....	<i>340 ft</i>										
Year .....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January ...	<i>.53</i>	<i>.88</i>	<i>.72</i>	<i>1.89</i>	<i>3.17</i>						
February ...	<i>1.74</i>	<i>2.76</i>	<i>.91</i>	<i>1.66</i>	<i>1.27</i>						
March .....	<i>1.27</i>	<i>2.20</i>	<i>1.48</i>	<i>1.87</i>	<i>2.53</i>						
April .....	<i>2.03</i>	<i>.98</i>	<i>3.60</i>	<i>1.59</i>	<i>2.04</i>						
May .....	<i>1.50</i>	<i>1.25</i>	<i>2.27</i>	<i>1.81</i>	<i>.67</i>						
June .....	<i>2.62</i>	<i>2.16</i>	<i>3.32</i>	<i>2.46</i>	<i>1.02</i>						
July .....	<i>4.18</i>	<i>3.08</i>	<i>3.57</i>	<i>3.73</i>	<i>3.89</i>						
August .....	<i>1.93</i>	<i>3.85</i>	<i>2.88</i>	<i>1.12</i>	<i>.73</i>						
September ...	<i>5.05</i>	<i>3.21</i>	<i>2.10</i>	<i>4.12</i>	<i>1.38</i>						
October ....	<i>4.02</i>	<i>3.68</i>	<i>4.79</i>	<i>2.36</i>	<i>1.51</i>						
November ...	<i>2.24</i>	<i>1.76</i>	<i>3.30</i>	<i>.92</i>	<i>1.78</i>						
December ....	<i>2.76</i>	<i>2.28</i>	<i>4.49</i>	<i>1.53</i>	<i>1.27</i>						
TOTALS ....	<i>29.87</i>	<i>28.09</i>	<i>33.43</i>	<i>25.06</i>	<i>21.26</i>						

*1883-84 from M.O.3 Easton sheet 9.22*

*St Margaret Church Crossgate Durham 1/2 mile NE.*

*Hedge 5ft-6in high 12ft N*

*Trees 20ft " 75ft NW*

*See next sheet for continuation*



# RAINFALL AT *Marchmont House*

Lat. ....

Lon. ....

County of

*Berwick*

Rain Gauge, by

Observer

*Mr P. Loney*

*Wood, Whitladder - 4.*

*m J. A. Wood*

Diameter ....	5										
Height .....	10										
Altitude ....	500 <sup>T</sup>										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.98	1.96	1.89	2.09	2.79	2.74	1.38	1.78	.71	3.32	2.164
February ....	1.63	.21	2.63	4.05	5.98	1.12	1.29	1.40	1.21	1.57	2.109
March .....	2.29	4.95	1.53	.98	1.54	2.97	1.90	3.86	1.84	2.35	2.421
April .....	1.07	1.40	1.29	1.25	1.67	1.20	1.04	1.77	3.36	2.85	1.690
May .....	1.84	2.40	3.03	1.76	4.01	1.05	1.25	1.42	2.29	3.98	2.303
June .....	3.50	.71	3.55	3.08	2.01	3.09	2.26	3.18	1.31	1.38	2.407
July .....	3.06	2.50	2.46	2.69	4.04	6.14	3.55	1.65	1.24	3.72	3.105
August .....	5.92	6.36	3.75	2.30	3.85	3.95	2.18	3.60	3.03	1.54	3.648
September....	2.05	6.64	1.81	1.08	1.51	.24	4.34	2.72	1.69	3.34	2.542
October .....	2.77	1.80	5.29	1.55	4.99	7.02	5.52	2.05	6.09	1.82	3.890
November....	4.95	2.82	1.61	3.64	1.33	3.02	1.60	2.45	3.75	3.17	2.834
December ....	2.46	4.61	1.89	1.96	1.47	2.19	5.07	3.12	1.80	3.59	2.816
TOTALS ....	34.52	36.36	30.73	26.43	35.19	34.73	31.38	29.00	28.32	32.63	31.929

1893 Polwarth Church, 1 mile NE  
Trees 100 ft high 300 ft S

1890 -



RAINFALL AT Dunse Blonds

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Berwick

Rain Gauge, by \_\_\_\_\_ Observer C. Watson Esq  
Twiss, Whitadder - 14.

Diameter ....	8											
Height .....	0 6											
Altitude ....	500 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.70		2.15	<del>2.04</del>								
February ....	1.68		2.15	<del>3.38</del>								
March .....	2.13		1.76	<del>1.13</del>								
April .....	.79		1.08	<del>1.29</del>								
May .....	1.72		3.05	<del>2.18</del>								
June .....	3.20		3.16	<del>3.34</del>								
July .....	2.52		1.90	<del>3.09</del>								
August .....	4.76		3.18	<del>1.71</del>								
September .....	1.86		1.59	<del>1.09</del>								
October .....	2.85		6.02	<del>1.52</del>								
November ....	4.70		1.50	<del>3.47</del>								
December ....	2.60		1.58	<del>1.78</del>								
TOTALS ....	31.51	92.8	29.12	26.02								

1890 Dunse Church 330 yards E + S  
Brick wall 4 1/2 ft high 11 ft W



RAINFALL AT Dunse Castle

Lat. ....

Lon. ....

County of Berwick

Rain Gauge, by .....

Observer Mr R. AitmanYweed, Whitadder - 4.

Diameter ....	5										
Height .....	10										
Altitude ....	500										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.27	1.73	2.20	2.04	3.28	4.86	1.22	2.33	.65	3.58	2.416
February ....	1.47	.14	2.36	3.38	6.27	1.56	1.26	1.38	1.81	1.95	2.158
March .....	2.14	4.25	1.54	1.13	1.17	3.80	2.19	4.33	1.68	3.16	2.539
April .....	.83	1.25	1.08	1.29	1.56	1.18	1.19	1.60	3.35	3.06	1.639
May .....	1.30	1.56	2.85	2.18	3.96	1.07	.99	1.52	2.23	3.85	2.151
June .....	3.11	.83	2.71	3.34	2.43	2.73	2.03	3.21	1.42	1.31	2.312
July .....	2.84	1.88	1.76	3.09	3.15	5.91	3.30	1.84	1.06	3.29	2.812
August .....	4.22	5.30	3.17	1.71	4.73	3.72	2.43	3.93	3.46	1.11	3.378
September....	2.17	6.22	1.38	1.09	1.78	.32	4.53	2.32	1.59	3.49	2.489
October .....	2.64	1.83	5.27	1.52	4.84	7.10	5.81	2.77	6.08	1.80	3.966
November....	4.39	2.98	1.20	3.47	1.08	3.15	1.51	2.63	3.65	2.75	2.681
December ....	2.20	4.15	1.63	1.78	2.08	2.65	8.03	2.98	1.59	3.64	3.073
TOTALS ....	29.58	32.12	27.15	26.02	36.33	38.05	34.49	30.84	28.57	32.99	31.614

1897 Duns Church 1 mile E



# RAINFALL AT West Foulden

Lat. ....

Lon. ....

County of Berwick

Rain Gauge, by .....

Observer H. H. Graw Esq

Tweed, Whitadder - Lt.

Diameter ....							5				
Height .....							10				
Altitude ....							250				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.96	1.19	1.23	1.46	1.32	3.20	.91	1.78	.36	2.67	1.608
February ....	1.90	.11	2.31	3.16	2.80	1.15	.68	.57	.84	1.22	1.474
March .....	3.06	3.95	1.16	.45	.64	2.95	1.85	2.84	.87	1.63	1.940
April .....	.56	1.57	.96	.90	1.13	1.26	.91	1.07	2.32	2.10	1.278
May .....	1.91	1.42	2.49	1.08	2.48	.64	.63	1.34	2.01	3.28	1.728
June .....	2.51	.62	2.39	2.65	2.25	1.08	1.42	2.78	1.27	1.75	1.872
July .....	2.10	2.16	2.31	2.00	1.90	5.68	1.48	1.82	.73	2.52	2.270
August .....	3.39	3.95	3.24	1.57	3.50	3.24	2.25	3.81	1.93	1.00	2.788
September ....	1.22	4.15	1.30	1.28	1.10	.25	3.14	2.35	.91	3.11	1.881
October .....	1.97	1.60	5.56	1.83	4.07	6.23	6.21	1.15	4.14	1.54	3.430
November ....	3.48	2.57	1.34	2.34	.71	2.18	1.53	1.72	2.50	2.07	2.044
December ....	2.15	2.94	1.14	1.14	1.28	2.15	4.20	1.63	1.36	2.81	2.080
TOTALS ....	26.21	26.23	25.43	19.86	23.18	30.01	25.21	22.86	19.24	25.70	24.393

Foulden Church 1 1/4 miles E  
House 20 ft high 30 ft S.W.



# RAINFALL AT Longformacus Rawburn

Lat. ....

Lon. ....

County of Berwick

Rain Gauge, by

Observer

H H Craw Esq

Theresa Whiteadder - 14.

Diameter ....	3						3				
Height .....	6						0 6			1 6	
Altitude ....	920						920				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.70	1.50	2.20	2.00	3.30	2.20	1.20	1.70	.80	4.00	2.260
February ....	1.20	.20	2.30	3.80	6.40	2.00	1.50	2.00	2.30	2.00	2.340
March .....	2.20	3.90	1.30	.50	1.70	4.20	2.20	4.80	1.40	2.50	2.470
April .....	1.10	1.90	1.20	1.00	1.50	1.20	1.40	1.80	3.70	2.60	1.740
May .....	1.70	1.70	3.50	2.10	4.60	1.10	1.00	1.10	1.11	4.00	2.191
June .....	3.60	.90	3.00	3.10	2.30	2.30	2.30	3.10	2.00	1.00	2.360
July .....	2.50	5.00	2.70	3.00	2.90	5.50	3.70	1.80	1.00	2.70	3.080
August .....	4.60	6.50	4.10	2.30	3.90	3.00	2.30	3.90	3.10	.40	3.410
September....	1.60	6.60	1.90	1.20	1.40	.50	4.20	2.30	2.20	4.30	2.620
October .....	2.80	2.50	5.60	1.80	4.60	5.90	5.70	1.60	6.70	1.90	3.910
November....	4.50	2.80	1.70	2.50	1.70	3.00	1.70	2.60	4.50	3.00	2.800
December ....	2.80	5.00	1.50	2.70	2.00	2.70	5.90	3.30	2.80	3.50	3.220
TOTALS ....	32.30	38.50	31.00	26.00	36.30	33.60	33.10	30.00	31.61	31.90	32.431

Longformacus Ch 1 1/2 miles E  
House 25ft high 50ft N.W.



# RAINFALL AT Eyemouth

Lat. .... Lon. .... County of Berwick

Rain Gauge, by ..... Observer Dr Buchan  
8. coast streams - 5.

Diameter ....											
Height .....											
Altitude ....				30							
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....				1.28	1.56	2.53	.76				
February ....				2.83	2.87	1.75	.75				
March .....				.64	.62	2.13	1.53				
April .....				.98	.89	1.13	.79				
May .....				1.32	2.28	.69	.47				
June .....				2.06	1.81	1.46	2.08				
July .....				2.10	2.09	5.80	2.20				
August .....				1.58	3.13	2.72	2.07				
September....				1.59	.70	.43	2.73				
October .....				1.97	3.55	5.31	6.00				
November....				2.20	.78	2.25	1.14				
December ....				1.24	1.42	2.74	5.30				
TOTALS ....				19.79	21.70	28.94	25.82				



# RAINFALL AT S. Abbs Head

Lat. ....

Lon. ....

County of Berwick

Rain Gauge, by .....

Observer Board of Northern Lights

E. Coast stream - 5.

Diameter ....											
Height .....	04										
Altitude ....	211										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.84	.92	1.02	1.60	1.63	2.61	.94	.96	.32	2.74	1.458 ✓
February ....	.68	.05	1.15	2.64	4.00	.78	.62	.70	.97	1.66	1.325 ✓
March .....	1.85	2.87	.73	.71	.90	2.23	1.53	2.71	.73	.56	1.482
April .....	.33	.90	.71	.77	.89	1.04	.72	1.15	2.33	2.20	1.104
May .....	1.62	1.41	1.26	.91	2.23	.41	.63	.90	1.71	3.97	1.505 ✓
June .....	1.35	.75	2.65	1.95	1.50	2.07	2.12	2.48	1.48	1.07	1.742
July .....	1.77	2.59	1.29	1.91	2.32	4.91	2.52	2.54	.80	5.30	2.595 ✓
August .....	2.64	4.09	2.69	1.47	2.84	3.43	1.92	2.74	2.09	1.15	2.506 ✓
September ....	1.24	4.39	1.06	1.56	.75	.45	2.52	1.42	.99	2.22	1.660
October .....	2.82	1.55	3.63	2.11	3.02	5.23	5.19	1.34	3.80	2.10	3.079 ✓
November ....	3.96	2.08	.99	2.42	.70	1.81	1.41	1.64	2.53	1.81	1.935 ✓
December ....	1.37	3.20	.97	1.49	1.65	2.61	5.35	2.19	.82	3.30	2.295 ✓
TOTALS ....	21.47	24.80	18.15	19.54	22.43	27.58	25.47	20.77	18.57	28.08	22.686







RAINFALL AT Garwald Donolly Reservoir

Lat. .... Lon. .... County of Haddington

Rain Gauge, by ..... Observer Mr G Lumsden  
6. Coast streamo - 3. Mr J Henderson  
Mr J McKellan

Diameter ....	11										11	
Height .....	0 2										1 6	
Altitude ....	600 T										560	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.94	1.11	2.15	2.11						3.36		
February ....	.86	.25	4.33	3.42						1.43		
March .....	2.92	6.71	2.92	.73						1.81		
April .....	.71	1.63	1.04	1.13						3.00		
May .....	1.92	2.37	1.83	4.47						3.47		
June .....	4.46	1.49	2.17	1.20						.76		
July .....	3.13	3.79	1.83	3.25						3.52		
August .....	4.76	4.25	3.64	2.21						.62		
September ....	2.12	5.32	1.41	1.34						4.35		
October .....	2.69	2.57	6.15	2.54						2.17		
November ....	5.73	2.78	1.40	3.50						2.02		
December ....	2.92	6.23	1.34	2.43						3.03		
TOTALS ....	35.16	38.50	30.21	28.33	no Reply					29.54		

1890 Garwald Church 1 3/4 miles NE by E  
Green Law 700 ft high 1/2 mile W

Mr McKellan has records from 1 Jan 1888 See Slip.



# RAINFALL AT Whittinghame Gardens

Lat. .... Lon. .... County of Haddington

Rain Gauge, by ..... Observer Mr J. Garrett  
E. Coast stream - 3.

Diameter ....	5											
Height .....	10											
Altitude ....	348											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	(3.00)	.71	1.20	1.29	1.52	4.30	.74	1.35	.80	2.98		
February ....	*	.21	2.34	2.27	4.14	.75	.74	.68	.68	1.58		
March .....	2.12	4.56	1.33	.48	.67	3.06	1.67	4.07	1.08	1.61		
April .....	.37	1.44	.98	1.44	1.50	1.80	1.11	.90	2.10	2.56		
May .....	1.58	2.18	2.26	1.61	3.43	.64	.97	1.07	2.09	4.10		
June .....	3.64	.17	3.65	3.18	.99	1.88	2.25	3.65	1.57	1.03		
July .....	2.97	3.15	1.46	3.35	3.90	4.85	3.64	3.64	1.42	3.16		
August .....	3.61	4.42	3.13	1.92	4.20	3.65	2.16	3.29	3.36	.56		
September....	2.21	3.27	1.66	1.69	1.09	.50	4.97	3.16	1.88	2.03		
October .....	3.41	2.29	4.82	1.71	3.43	5.56	4.46	1.09	6.72	3.81		
November....	4.28	2.84	1.02	2.28	1.21	2.81	1.37	1.92	4.46	1.94		
December ....	2.11	3.88	1.31	2.23	.91	2.96	4.81	2.00	1.21	2.72		
TOTALS ....	29.30	29.12	25.16	23.45	26.99	32.76	28.89	26.82	27.37	28.08	27.79	

1890 Whittinghame Church 1/4 mile N  
 Thorn Tree 18 ft high 40 ft S  
 Wall 9" " 18" NW  
 House 14 " " 42 " SW

Jan & Feb 1890 estimated.



# RAINFALL AT *Haddington Asylum*

Lat. ....

Lon. ....

County of *Haddington*

Rain Gauge, by .....

Observer *J. Morat Esq*

*Line 10-4.*

Diameter ....	5											
Height .....	10		9				3.0	1.0				
Altitude ....	238 T						240		237			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.27	.64	1.28	1.14	1.75	2.30	.61	1.18	.86	3.36	1.539	
February ....	1.11	.22	2.24	2.91	3.85	.82	.69	.96	.69	1.20	1.469	
March .....	2.20	3.51	.93	.73	.90	2.91	1.34	2.85	1.15	1.53	1.805	
April .....	.72	.74	1.08	1.24	1.84	1.43	1.09	.80	1.66	2.33	1.293	
May .....	1.56	2.33	3.02	1.32	3.16	.68	.88	.96	1.62	3.59	1.912	
June .....	3.73	.50	3.27	3.30	2.44	2.23	2.02	3.37	1.59	1.21	2.366	
July .....	2.63	3.50	1.39	2.62	4.79	4.19	3.56	2.50	1.39	3.68	3.025	
August .....	3.40	4.58	3.78	2.74	4.72	4.00	1.95	3.69	2.96	1.48	3.330	
September ....	2.33	4.08	1.34	1.43	.76	.63	3.91	2.69	2.01	3.98	2.316	
October .....	3.19	1.99	3.86	1.85	2.30	3.68	4.48	.72	6.06	1.45	2.958	
November ....	3.94	2.05	1.24	2.04	1.31	1.93	1.08	1.82	4.09	1.72	2.122	
December ....	2.15	4.18	1.45	1.96	1.38	1.91	4.41	2.23	1.03	2.71	2.341	
TOTALS ....	29.23	28.32	24.88	23.28	29.20	26.71	26.02	23.77	25.11	28.24	26.476	

1890 Haddington Church 1 mile SSE  
Asylum Buildings 30 ft high 72 ft N

1880 -



# RAINFALL AT Preston Kirk Smeaton

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

Line 10-14.

Diameter ....											
Height .....											
Altitude ....	100										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.85	.29	.72	1.76	1.79	2.26	.93	.98	1.02	3.06	1.466 ✓
February ....	.87	.12	2.43	2.30	3.60	.80	.50	.70	.48	1.34	1.314
March .....	1.88	2.77	1.50	.45	.80	2.36	1.34	2.31	.66	1.44	1.551
April .....	.21	.64	.54	1.13	1.00	1.24	.91	.77	1.48	1.69	.961
May .....	1.42	1.75	3.15	1.46	2.89	.45	.99	.76	2.12	3.90	1.889 ✓
June .....	2.78	.26	3.06	2.48	.76	1.80	1.83	3.32	1.72	1.48	1.949 ✓
July .....	2.91	3.24	1.26	3.66	4.11	4.70	3.49	1.94	1.03	3.02	2.936 ✓
August .....	2.91	3.55	4.04	2.10	4.98	3.53	3.18	2.70	3.24	.67	3.090
September....	2.11	3.52	.98	1.99	.71	.45	3.22	2.23	1.70	3.12	2.003
October .....	3.04	1.63	3.72	2.01	2.60	4.47	3.68	.68	5.20	3.00	3.003
November....	4.07	2.06	1.39	1.36	1.06	2.03	.74	2.03	3.87	1.52	2.013
December ....	1.57	3.46	1.37	1.59	1.03	1.75	4.21	2.03	1.54	3.04	2.159
TOTALS ....	25.62	23.29	24.16	22.29	25.33	25.84	25.02	20.45	24.06	27.28	24.334

Mar 1892 estimated



# RAINFALL AT

*Drummore [Muskelbush]*

Lat. ....

Lon. ....

County of

*Haddington*

Rain Gauge, by

Observer

*Mr J Robson*

*Firth of Forth - 5.*

Diameter ....				5	5							
Height .....				8	8					10		
Altitude ....				75	75							
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....				.47	1.54	1.80	.56	.81	.62	2.91		
February ....				2.52	4.98	.58	.73	.96	.60	1.12		
March .....				.60	1.12	2.32	1.15	2.47	1.10	1.53		
April .....				1.43	1.63	1.07	1.04	.84	2.04	2.28		
May .....				1.39	2.84	.77	.44	1.04	1.56	3.16		
June .....				2.14	2.13	1.59	2.27	3.38	1.24	1.29		
July .....				1.89	2.29	3.88	3.86	2.16	1.14	4.23		
August .....				2.58	3.86	3.52	1.74	3.69	3.06	.73		
September....				1.27	.48	.46	4.09	1.90	1.71	3.28		
October.....				2.14	2.28	2.91	3.65	.87	4.38	1.31		
November....				1.43	1.11	1.89	.54	1.44	3.35	2.00		
December ....				2.07	1.57	2.09	3.13	1.91	1.32	2.25		
TOTALS ....				19.93	25.83	22.88	23.20	21.47	22.12	26.09		

*1895 Prestonpans Ch 1 1/2 mile E*

*Tree 33 ft high 36 ft S*

*1899 January 1<sup>st</sup> gauge raised 4 inches*



RAINFALL AT Aberlady The name

Lat. .... Lon. .... County of Haddington

Firth of Forth - 5. Rain Gauge, by .... Observer Dr Buchan F.R.S.

Diameter ....											
Height .....											
Altitude ....											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....						2.16	.67	.80	.79	3.43	
February ....						.39	.75	.92	.59	1.14	
March .....						2.16	1.25	2.69	1.09	1.59	
April .....						1.20	.91	.81	1.92	2.22	
May .....						.70	.96	.92	1.66	3.60	
June .....						1.55	1.95	3.56	1.53	1.09	
July .....						4.19	3.68	2.61	1.27	3.25	
August .....						3.22	1.93	3.57	3.29	.84	
September ....						.56	3.76	2.34	2.18	3.32	
October .....						3.05	3.63	.85	5.06	.99	
November ....						2.18	.84	1.73	3.50	1.89	
December ....						1.96	3.83	1.82	1.11	2.70	
TOTALS ....						23.32	24.16	22.62	23.99	26.06	



# RAINFALL AT North Berwick Reservoir

Lat. .... Lon. .... County of Haddington

Rain Gauge, by Firm of Farn - 5.

Observer Mr E Lumsden  
Mr J McKellar

Diameter ....	11											
Height .....	0 2							1 6				
Altitude ....	150 T											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	2.12	.70	1.87	1.89	3.50	<sup>(4)</sup> 2.50	1.11	1.02	.95	3.65	<sup>(2.131)</sup> 1.931	
February ....	1.20	.10	2.47	3.89	4.75	<sup>(1)</sup> 3.25	.50	.85	.55	.93	<sup>(1.649)</sup> 1.849	
March .....	1.75	3.50	2.23	.23	.85	4.30	1.50	2.86	.78	1.62	1.962	
April .....	.63	1.00	.36	.60	1.30	2.50	1.00	.65	2.07	2.61	1.272	
May .....	1.75	1.50	2.24	1.05	3.30	.60	.25	1.02	2.21	4.62	1.854	
June .....	3.00	.30	2.30	.54	2.25	2.00	1.23	3.53	1.35	1.90	1.840	
July .....	2.75	2.45	.57	2.17	4.00	4.50	3.08	3.33	.93	2.35	2.613	
August .....	3.70	4.25	3.44	2.10	4.75	3.00	2.30	3.40	3.93	.58	3.145	
September....	2.69	3.25	1.54	1.56	1.75	1.50	4.10	2.41	1.46	4.40	2.466	
October .....	2.93	2.36	4.38	1.83	3.75	4.75	4.08	.90	6.45	1.65	3.308	
November....	4.50	2.65	1.32	2.78	1.75	2.50	1.85	1.75	4.03	1.78	2.491	
December ....	2.00	3.70	1.57	2.30	2.25	2.30	4.48	1.84	1.34	3.30	2.508	
TOTALS ....	29.02	25.76	24.29	20.94	34.20	33.70	25.48	23.56	26.05	29.39	27.239	

1890 St Andrews N. Berwick 1 1/4 mile N  
North Berwick Low 612 ft 6 in high stone throw E  
1895 Part of January fall included in February



# RAINFALL AT *North Berwick Fidsra*

Lat. .... Lon. .... County of *Haddington*

Rain Gauge, by ..... Observer *Board of Northern Lights*  
*Insular - 6.*

Diameter ....											
Height .....											
Altitude ....											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.21	.31	.15	.20	.35	1.95	.66	1.08	.66	4.00	
February ....	.80	.00	1.42	2.17	2.78	.55	.76	.29	.52	1.40	
March .....	1.89	2.80		.52	.25	3.00	1.32	2.58	.50	.90	
April .....		.35	.45	.75	1.25	1.05	.85	.86	2.10	3.75	
May .....	1.50	1.13	1.56	1.30	3.25	.46	.67	.40	1.60	4.30	
June .....	3.52	.23	2.95	1.75	1.90	1.35	2.60	2.35	.95	.90	
July .....	2.30	2.47	.70	2.45	3.35	3.80	4.05	2.75	.60	3.60	
August .....	2.75	5.07	1.47	2.10	3.97	2.99	3.28	3.70	3.85	.40	
September ....	.45	3.25	.75	1.14	.55	.65	3.35	2.23	1.10	1.40	
October .....	2.45	1.32	3.92	1.60	2.30	2.63	2.65	.95	5.10	2.80	
November ....	3.64	1.50	1.05	1.00	1.40	1.21	1.10	1.60	2.35	1.40	
December ....	2.14	3.93	.60	.86	1.15	1.82	4.70	2.03	.45	2.60	
TOTALS ....		22.36		15.84	22.50	21.46	25.99	20.82	19.78	27.45	







RAINFALL AT Stow Burnhouse

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Edinburgh

Rain Gauge, by \_\_\_\_\_ Observer W. R. Owens Esq  
Green - gale - 1.

Diameter . . . .								5	5		
Height . . . . .								6	6		
Altitude . . . .								700	700		
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . . . .								1.65	1.25	3.58	
February . . . .								2.42	2.40	2.00	
March . . . . .								5.44	1.23	2.34	
April . . . . .								1.36	4.10	3.29	
May . . . . .								1.16	1.90	3.31	
June . . . . .								4.25	2.51	1.50	
July . . . . .								1.75	1.20	3.25	
August . . . . .								4.20	3.65	1.80	
September . . . .								1.75	2.82	3.65	
October . . . . .								2.09	5.40	} 5.75	
November . . . .								2.86	6.20		
December . . . .								3.62	3.63	3.28	
TOTALS . . . .								32.55	36.29	33.75	



RAINFALL AT Moorfoot Hills Bowbale  
Lat. .... Lon. .... County of Edinburgh  
Rain Gauge, by ..... Observer W. Anderson Esq

2042

Diameter ....	...			11							
Height .....	...			6							
Altitude ....	...			1250		2042			1250	2042	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	7.60	1.75	3.05	1.95	4.70	2.30	2.27	2.00	2.30	6.42	
February ....	2.20	.95	3.60	4.50	9.65	1.25	1.45	3.25	3.30	2.10	
March .....	5.50	6.50	2.25	3.30	3.05	5.55	3.95	6.75	2.80	2.43	
April .....	1.80	3.35	1.55	1.28	2.40	2.50	2.05	2.15	2.96	5.05	
May .....	2.20	3.05	3.90	2.25	5.90	1.47	1.12	2.60	2.95	3.98	
June .....	5.70	.80	4.40	5.75	3.50	1.60	3.80	4.12	3.48	1.47	
July .....	5.15	5.10	2.40	3.00	2.60	5.60	4.85	2.70	2.02	4.50	
August .....	6.75	8.05	4.85	3.70	6.00	6.30	2.00	4.70	4.07	1.30	
September....	3.20	8.50	4.03	2.35	1.25	1.05	5.45	4.05	3.60	3.50	
October .....	4.15	3.60	6.10	3.75	3.75	5.70	6.77	2.12	6.65	4.29	
November ....	9.40	4.60	1.85	3.70	3.10	4.52	2.75	3.00	8.25	6.10	
December ....	3.40	7.20	2.45	5.00	2.70	4.50	5.85	4.75	4.32	3.05	
TOTALS ....	57.05	53.45	40.43	40.53	48.60	42.34	42.31	42.19	46.70	44.10	45.70

1893 July Gauge found empty } estimated  
1894 Aug: " " " }



RAINFALL AT Moorfoot Hills Gladhouse Res

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Edinburgh

Rain Gauge, by \_\_\_\_\_ Observer W Anderson Esq

bk - 4.

Diameter ....	11										
Height .....	0 6										
Altitude ....	900										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.36	1.25	1.60	.94	3.23	2.32	1.30	1.76	1.50	4.94	2.320
February ....	1.12	.62	2.28	3.00	7.30	1.32	1.05	2.20	2.35	1.71	2.295
March .....	3.60	3.42	1.55	.90	2.50	4.60	2.88	4.45	1.70	2.05	2.765
April .....	1.22	1.50	1.50	.60	1.54	1.61	1.52	1.45	2.29	3.84	1.707
May .....	1.82	1.77	3.02	1.70	4.10	1.73	.80	1.80	2.03	3.00	2.177
June .....	3.97	.41	3.55	4.90	2.30	1.60	2.56	3.37	2.35	1.00	2.601
July .....	3.36	3.67	2.10	2.27	1.20	5.05	3.94	2.30	1.43	3.80	2.912
August .....	5.20	6.47	4.10	3.10	4.40	4.97	1.30	4.66	3.50	.75	3.845
September....	1.75	7.78	2.50	1.54	1.10	.50	4.40	2.85	2.41	3.33	2.816
October .....	2.95	3.00	5.15	2.30	2.52	4.40	5.50	1.30	3.81	3.36	3.429
November ....	6.65	2.99	1.40	2.62	2.58	3.84	1.83	2.72	5.48	4.42	3.453
December ....	3.02	6.55	1.70	3.00	2.22	4.40	4.30	4.45	3.80	2.68	3.612
TOTALS ....	39.02	39.43	30.45	26.87	34.99	36.34	31.38	33.31	32.65	34.88	33.932



# RAINFALL AT Moorfoot Hills Rosebery

Lat. ....

Lon. ....

County of Edinburgh

Rain Gauge, by .....

Observer W Anderson Esq

62R-14.

Diameter ....	11										
Height .....	0 6										
Altitude ....	750										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.92	.86	1.46	.92	3.14	2.50	1.10	1.15	1.62	4.03	1.870
February ....	.87	.24	2.54	3.25	7.62	2.21	.85	2.32	1.91	1.22	2.303
March .....	2.45	4.97	1.53	.94	2.30	4.03	2.30	3.52	1.61	1.74	2.539
April .....	.85	1.56	1.28	.93	1.56	1.45	1.15	1.18	2.05	3.04	1.506
May .....	1.83	1.65	2.10	1.76	3.88	1.43	.80	1.62	1.75	2.90	1.972
June .....	3.61	.63	3.09	4.89	2.19	2.05	2.30	3.32	1.85	.96	2.489
July .....	2.35	3.88	1.48	2.20	1.35	5.37	4.09	2.15	1.66	2.96	2.749
August .....	5.00	6.90	3.63	2.70	5.28	4.54	1.07	4.31	3.42	.55	3.740
September....	1.23	7.10	1.59	1.60	1.05	.56	4.04	2.55	2.07	2.42	2.421
October .....	3.10	2.71	4.40	1.95	2.40	3.97	5.54	1.11	3.62	2.81	3.161
November....	5.92	2.24	1.07	2.56	1.96	3.16	1.56	2.46	4.39	3.52	2.884
December ....	2.15	6.11	1.60	3.02	1.71	3.70	4.79	2.40	2.85	2.12	3.045
TOTALS ....	31.28	38.85	25.77	26.72	34.44	34.97	29.59	28.09	28.80	28.27	30.678



RAINFALL AT Penicnick Edgelaw Reservoir

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Edinburgh

2K-14. Rain Gauge, by \_\_\_\_\_ Observer W. Anderson Esq

Diameter ....	11										
Height .....	0 6										
Altitude ....	654										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.92	.84	1.47	.93	3.10	2.50	1.10	1.15	1.61	4.00	1.862
February ....	.90	.23	2.50	3.27	7.60	2.20	.85	2.30	1.93	1.20	2.298
March .....	2.42	5.07	1.46	.87	2.30	4.05	2.30	3.52	1.60	1.72	2.531
April .....	.85	1.59	1.25	.95	1.52	1.45	1.15	1.15	2.05	3.05	1.501
May .....	1.81	1.65	2.10	1.75	3.85	1.43	.80	1.60	1.75	2.90	1.964
June .....	3.57	.63	3.10	4.87	2.18	2.07	2.30	3.31	1.85	.95	2.483
July .....	2.35	3.90	1.48	2.22	1.35	5.35	4.09	2.16	1.65	2.95	2.750
August .....	4.99	6.87	3.62	2.70	5.30	4.45	1.08	4.32	3.40	.55	3.728
September....	1.22	7.09	1.58	1.62	1.05	.55	5.53	2.55	2.05	2.41	2.565
October .....	2.33	2.85	4.40	1.96	2.39	3.95	1.55	1.10	3.60	2.80	2.693
November....	5.88	2.33	1.05	2.55	1.95	3.15	1.56	2.45	4.40	3.50	2.882
December ....	1.66	6.17	1.59	3.00	1.70	3.70	4.75	2.28	2.85	2.10	2.980
TOTALS ....	29.90	39.22	25.60	26.69	34.29	34.85	27.06	27.89	28.74	28.13	30.237

1880—



RAINFALL AT Gorebridge Middleton

Lat. .... Lon. .... County of Edinburgh

Rain Gauge, by ..... Observer Miss Anstruther

Ex-14.

Diameter ....	5										
Height .....	0 6		1.0								
Altitude ....	750										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.27	1.28	1.88	1.67	3.02	2.44					
February ....	1.22	.32	2.67	3.92	7.16	.95					
March .....	2.70	4.53	1.53	.65	1.69	4.27					
April .....	1.05	1.67	2.43	1.07	1.71	1.75					
May .....	1.99	2.36	4.04	1.65	4.36	1.08					
June .....	4.72	.69	3.29	4.39	3.36	2.42					
July .....	2.66	3.25	1.76	3.59	1.74	6.39					
August .....	5.61	6.84	4.43	3.74	4.82	3.70					
September....	2.29	6.91	2.04	1.53	1.16	.77					
October .....	3.04	3.13	5.16	1.88	3.05	4.40					
November....	4.97	3.35	1.66	2.89	2.24	3.72					
December ....	2.94	5.96	1.44	3.19	2.12	3.34					
TOTALS ....	37.46	40.29	32.33	30.17	36.43	35.23	No Reply				



RAINFALL AT

Roswell Asylum

Lat.....

Lon.....

County of

Edinburgh

Rain Gauge, by

Observer

J. Buchan

Box - 4.

Diameter ....											
Height .....											
Altitude ....					690						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....					3.06	2.48	1.05	2.12	.94	4.03	
February ....					6.01	.77	.99	2.10	1.83	1.47	
March .....					2.15	3.21	2.21	3.48	1.65	2.66	
April .....					1.51	1.35	1.38	1.46	2.22	3.46	
May .....					3.82	1.25	.44	1.17	1.41	3.56	
June .....					2.65	1.43	3.55	4.23	2.06	1.46	
July .....					1.45	4.39	4.17	2.45	1.44	3.69	
August .....					4.80	4.55	1.37	4.43	4.08	.56	
September....					.74	.76	4.32	2.37	1.97	3.24	
October .....					2.49	4.11	5.17	1.15	3.19	2.11	
November....					1.83	3.00	.66	2.67	4.20	3.55	
December ....					1.99	2.78	4.15	3.42	3.47	3.10	
TOTALS ....					32.50	30.08	29.46	31.05	28.46	32.89	



# RAINFALL AT Pentland Hills Harehill

Lat. .... Lon. .... County of Edinburgh

Rain Gauge, by ..... Observer W Anderson Esq

bk-4.

Diameter ....	11										
Height .....	0 6										
Altitude ....	1470										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	10.00	2.90	3.20	2.95	4.80	1.65	1.50	1.36	2.25	5.60	3.621
February ....	1.70	.80	5.85	5.15	11.20	1.20	1.50	3.45	2.65	2.60	3.610
March .....	4.00	<del>8.20</del> 8.82	9.00	3.50	4.10	8.50	3.80	4.10	1.35	3.30	5.047
April .....	1.60	<del>12.70</del> 1.27	3.15	1.50	1.85	2.00	2.00	2.50	2.90	4.22	2.299
May .....	2.50	2.45	4.25	2.25	3.00	.95	.75	2.05	2.15	4.60	2.495
June .....	5.70	.80	4.10	5.45	3.40	2.55	4.10	4.50	3.20	1.95	3.575
July .....	4.40	2.80	2.25	3.45	2.60	4.35	5.05	3.05	1.90	5.05	3.490
August .....	5.90	9.10	6.65	4.35	4.90	5.90	1.90	4.50	4.60	.90	4.870
September....	2.40	7.85	3.45	2.40	.90	1.23	5.90	3.00	3.73	3.60	3.446
October .....	4.40	4.10	7.15	3.90	3.60	4.10	5.50	1.60	4.65	5.00	4.400
November....	8.80	2.90	2.60	2.55	2.40	4.40	1.50	3.45	5.80	4.90	3.930
December ....	3.10	9.00	2.50	4.60	4.00	3.40	5.50	5.55	6.00	2.70	4.635
TOTALS ....	54.50	<del>63.60</del> 52.79	54.15	42.05	46.75	40.23	39.00	39.11	41.18	44.42	45.418

1891 con by original 29.VI.10



# RAINFALL AT Pentland Hills Loganlea

Lat. ....

Lon. ....

County of Edinburgh

Rain Gauge, by .....

Observer W Anderson Esq

8k-14.

Diameter ....	11										
Height .....	0 6										
Altitude ....	850										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	7.60	2.50	2.55	2.20	5.30	2.35	1.24	1.45	1.74	5.77	3.270
February ....	1.30	.80	5.95	4.00	10.90	1.15	1.30	2.52	2.71	2.31	3.294
March .....	3.20	<del>8.50</del> 8.85	5.50	2.10	3.90	5.85	3.30	4.05	1.88	3.29	<del>4.157</del>
April .....	1.20	<del>8.90</del> .89	1.80	1.55	1.65	2.10	1.95	2.30	2.36	4.09	<del>2.790</del>
May .....	2.40	2.15	3.60	2.25	4.50	1.00	.79	2.00	1.95	4.64	2.528
June .....	5.10	.80	3.70	5.10	3.40	2.30	4.20	4.64	2.70	1.61	3.355
July .....	4.30	3.90	1.90	2.90	2.50	4.70	5.10	2.37	1.28	4.57	3.352
August .....	5.70	9.30	5.80	4.15	5.20	5.55	1.70	3.45	3.81	.68	4.534
September....	2.20	8.85	2.80	2.20	.80	1.20	5.73	2.86	2.93	2.63	3.220
October .....	4.40	4.10	5.85	3.45	3.50	4.00	6.20	1.47	4.40	4.65	4.202
November....	7.70	2.80	2.50	2.15	2.65	4.20	1.45	3.41	6.29	4.05	3.740
December ....	3.40	8.85	3.25	4.60	3.35	4.05	5.60	5.76	5.53	2.71	4.710
TOTALS ....	48.50	<del>61.45</del> 53.79	45.20	36.65	47.85	38.45	38.56	36.28	37.58	41.00	<del>42.152</del>

1891 Cor. by original 29 VI.10



RAINFALL AT Glencoe Falls Edinburgh & District WWS

Lat. .... Lon. .... County of Midlothian

Rain Gauge, by ..... Observer Mr Leslie Reid

22-14

Diameter ....											
Height .....											
Altitude ....											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....		2.00									
February ....		.55									
March .....		3.50									
April .....		.70									
May .....		2.25									
June .....		.80									
July .....		3.20									
August .....		5.90									
September ....		6.33									
October .....		2.90									
November ....		1.95									
December ....		5.62									
TOTALS . . .		35.70									

24h total 22/1/12



RAINFALL AT Pentland Hills Glencorse Reservoir

Lat. .... Lon. .... County of Edinburgh

Rain Gauge, by ..... Observer W Anderson Esq

62k-4.

Diameter ....	11										
Height .....	06										
Altitude ....	787										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	6.10	2.60	1.26	1.25	3.70	2.45	1.45	1.60	1.40	5.55	2.736
February ....	1.05	.60	3.90	3.85	9.50	1.10	1.00	2.40	2.40	2.15	2.795
March .....	2.80	4.70	1.60	1.30	3.10	6.90	3.10	4.05	2.20	3.15	3.290
April.....	1.40	.80	1.75	1.70	1.70	2.35	1.85	2.00	2.35	4.20	2.010
May .....	2.60	3.05	3.50	2.30	4.65	1.20	.75	2.20	2.00	4.60	2.685
June .....	3.60	1.00	3.90	4.85	2.10	2.45	4.50	4.45	2.50	1.60	3.095
July .....	4.45	3.11	1.75	3.70	1.70	5.20	5.00	2.70	1.35	4.55	3.351
August .....	5.10	6.96	5.60	4.05	4.90	5.60	1.50	3.70	4.00	.60	4.201
September....	2.40	7.60	2.75	2.10	.70	1.00	5.80	2.70	2.70	2.80	3.055
October.....	3.30	3.46	5.50	3.20	2.95	4.30	6.70	1.50	4.50	4.60	4.001
November....	8.33	2.57	2.30	2.20	2.50	4.10	1.60	3.10	5.90	4.20	3.680
December ....	3.30	7.46	1.82	3.70	2.90	3.65	5.10	4.80	4.90	2.70	4.033
TOTALS ....	44.43	43.91	35.63	34.20	40.40	40.30	38.35	35.20	36.20	40.70	38.932

1856-



# RAINFALL AT *Dalkeith*

Lat. .... Lon. .... County of *Edinburgh*  
 Rain Gauge, by ..... Observer *Dr Buchan*

*62-14*

Diameter ....												
Height .....												
Altitude ....	<i>190</i>											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	<i>2.80</i>	<i>.10</i>	<i>.60</i>	<i>.50</i>	<i>1.70</i>	<i>1.55</i>	<i>.65</i>	<i>.10</i>	<i>.10</i>	<i>2.60</i>		
February ....	<i>.20</i>	<i>.01</i>	<i>1.20</i>	<i>2.65</i>	<i>5.60</i>	<i>.10</i>	<i>.75</i>	<i>.55</i>	<i>.30</i>	<i>.48</i>		
March .....	<i>1.05</i>	<i>3.30</i>	<i>.50</i>	<i>.30</i>	<i>.78</i>	<i>2.10</i>	<i>1.20</i>	<i>1.90</i>	<i>.40</i>	<i>.80</i>		
April .....	<i>.50</i>	<i>.02</i>	<i>.30</i>	<i>.65</i>	<i>1.05</i>	<i>.65</i>	<i>.83</i>	<i>.28</i>	<i>1.10</i>	<i>1.80</i>		
May .....	<i>.65</i>	<i>1.32</i>	<i>1.70</i>	<i>.80</i>	<i>2.68</i>	<i>.20</i>	<i>.30</i>	<i>.68</i>	<i>.80</i>	<i>2.25</i>		
June .....	<i>1.30</i>	<i>.05</i>	<i>1.80</i>	<i>2.85</i>	<i>1.70</i>	<i>1.80</i>	<i>2.65</i>	<i>2.60</i>	<i>.60</i>	<i>.55</i>		
July .....		<i>3.73</i>	<i>.60</i>	<i>1.40</i>	<i>1.30</i>	<i>3.75</i>	<i>3.65</i>	<i>1.68</i>	<i>.45</i>	<i>2.90</i>		
August .....	<i>3.43</i>	<i>4.83</i>	<i>3.40</i>	<i>2.74</i>	<i>3.70</i>	<i>3.60</i>	<i>.82</i>	<i>2.85</i>	<i>2.40</i>	<i>.15</i>		
September ....	<i>1.20</i>	<i>4.09</i>	<i>1.75</i>	<i>.70</i>	<i>.02</i>	<i>.10</i>	<i>2.10</i>	<i>1.00</i>	<i>.80</i>	<i>3.10</i>		
October .....	<i>1.99</i>	<i>1.54</i>	<i>3.10</i>	<i>1.50</i>	<i>1.43</i>	<i>2.80</i>	<i>3.50</i>	<i>.28</i>	<i>3.30</i>	<i>.70</i>		
November ....	<i>3.54</i>	<i>1.40</i>	<i>1.25</i>	<i>1.02</i>	<i>.65</i>	<i>2.00</i>	<i>.10</i>	<i>1.15</i>	<i>3.20</i>	<i>1.90</i>		
December ....	<i>1.42</i>	<i>4.30</i>	<i>1.15</i>	<i>1.73</i>	<i>1.32</i>	<i>2.00</i>	<i>2.62</i>	<i>1.80</i>	<i>1.50</i>	<i>1.50</i>		
TOTALS ....		<i>24.69</i>	<i>17.35</i>	<i>16.84</i>	<i>21.93</i>	<i>20.65</i>	<i>19.17</i>	<i>14.87</i>	<i>14.95</i>	<i>18.73</i>		

*1894 Unreliable 1897 Ditto*  
*1899 .....*







RAINFALL AT Croshawood Edinburgh Di. W.W.

Lat. .... Lon. .... County of Midlothian

Rain Gauge, by ..... Observer Thos Leslie Reid  
Almond to - 5.

Diameter ....												
Height .....												
Altitude ....												
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....		1.50										
February ....		50										
March .....		4.70										
April .....		.40										
May .....		2.00										
June .....		1.60										
July .....		2.10										
August .....		8.10										
September....		10.00										
October .....		3.20										
November....		3.20										
December ....		7.90										
TOTALS . . .		45.50										

Extracted 22/1/13  
Monthly Gauge 45.15



# RAINFALL AT *Pentland Hills Crosswood*

Lat. .... Lon. .... County of *Edinburgh*  
 Rain Gauge, by ..... Observer *W Anderson Esq*  
*Almond & C - 5.*

Diameter ....	11										
Height .....	0 6										
Altitude ....	950										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.50	1.70	2.20	1.20	3.30	2.30	1.90	1.10	2.89	5.76	
February ....	.80	.70	<sup>5.00</sup> leaking	4.50	8.90	.07	1.60	2.80	3.43	2.04	
March .....	3.50	4.60	1.60	1.20	3.20	4.40	4.40	4.40	2.56	3.42	
April .....	1.40	.40	1.60	1.30	1.80	1.50	2.00	2.10	2.38	3.97	
May .....	2.50	1.96	3.90	1.70	3.80	1.50	1.50	2.00	2.23	3.72	
June .....	4.90	1.56	4.20	4.50	2.90	2.10	3.40	4.60	3.30	1.72	
July .....	4.60	2.10	2.10	2.20	3.10	4.50	4.80	2.80	1.94	4.16	
August .....	4.80	8.01	5.80	4.50	5.00	5.60	2.10	3.40	4.79	.86	
September ....	3.50	10.00	3.60	2.60	.60	1.30	5.00	2.70	4.72	4.89	
October .....	4.30	3.20	4.80	4.40	2.70	4.40	5.10	2.00	5.79	3.86	
November ....	7.50	3.02	2.80	3.20	3.50	4.00	1.60	3.80	5.96	5.30	
December ....	2.30	7.90	2.40	4.00	3.50	4.40	5.40	5.50	6.20	2.62	
TOTALS ....	45.60	45.15	60.00	35.30	42.30	36.07	38.80	37.20	46.19	42.32	40.893

91 compared with original 29.11.10

Feb 1892 estimated



# RAINFALL AT Pentland Hills Harberrig

Lat. ....

Lon. ....

County of Edinburgh

Rain Gauge, by .....

Observer W Anderson Esq

Almond &c - 5.

Diameter ....	11										
Height .....	0 6										
Altitude ....	900										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.10	1.80	3.78	1.58	5.47	3.00	2.12	2.40	2.20	6.01	3.246
February ....	.96	.20	4.69	4.56	11.98	2.00	2.40	2.90	2.70	2.03	3.442
March .....	3.10	4.00	3.29	3.50	3.90	5.18	4.18	4.80	2.70	4.01	3.866
April .....	1.10	.70	1.75	1.27	2.70	2.30	2.02	2.40	2.50	4.00	2.074
May .....	2.50	2.22	4.00	1.80	4.56	1.27	.81	2.00	2.60	4.05	2.581
June .....	4.90	1.31	4.60	4.80	3.10	2.54	3.89	4.20	2.70	1.60	3.364
July .....	4.00	2.52	1.60	3.31	2.64	4.63	5.40	2.07	1.40	3.90	3.147
August .....	4.80	7.51	5.51	4.10	5.36	5.55	2.30	3.39	4.00	.80	4.332
September....	2.30	7.73	3.58	2.24	.59	1.47	5.61	2.80	4.10	3.10	3.352
October .....	3.20	4.90	5.55	3.56	3.96	4.19	5.53	1.50	5.00	3.50	4.089
November ....	5.90	3.64	3.10	2.72	3.86	5.15	1.70	3.20	5.60	4.70	3.957
December ....	2.40	9.40	2.56	4.39	3.64	5.27	6.50	6.00	5.40	4.30	4.986
TOTALS ....	39.26	45.93	44.01	37.83	51.76	42.55	42.46	37.66	40.90	42.00	42.436

91. compared with original 29.VI.10

1880



# RAINFALL AT *West Calder Addiewell*

Lat. ....

Lon. ....

County of *Edinburgh*

Rain Gauge, by .....

Observer *J. Fyfe Esq*

*Almond &c - 5.*

Diameter ....	5										
Height .....	0 6										
Altitude ....	600										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.67	2.32	2.28	.97	4.05	.38	1.94	.47	2.27	5.20	2.565
February ....	.86	.70	1.40	3.45	8.46	.00	1.57	3.62	2.37	1.61	2.404
March .....	3.50	4.62	.66	1.58	3.27	5.23	4.25	5.26	1.89	2.92	3.318
April .....	1.38	.24	1.36	1.19	1.40	1.53	1.85	1.96	2.24	3.02	1.617
May .....	2.27	2.56	3.06	1.58	2.81	1.00	.55	1.86	1.67	3.51	2.087
June .....	3.36	1.66	3.62	2.51	3.17	1.53	2.97	5.63	2.23	1.36	2.804
July .....	3.82	1.95	1.95	2.31	3.85	4.97	4.70	1.86	1.43	4.40	3.124
August .....	4.15	6.30	6.32	3.16	4.33	6.26	2.09	3.60	4.34	.85	4.140
September....	3.30	6.34	3.56	1.89	.49	1.37	5.92	2.30	4.13	3.26	3.256
October .....	3.95	3.24	3.87	4.09	2.35	3.15	4.56	1.67	4.15	4.21	3.524
November....	6.44	2.65	1.99	2.62	3.69	4.35	1.26	3.67	4.10	4.44	3.521
December ....	2.85	8.46	2.36	4.44	3.30	4.34	5.43	6.39	3.64	2.47	4.368
TOTALS ....	41.55	41.04	32.43	29.79	41.17	34.11	37.09	38.29	34.46	37.25	36.718

1893 Addiewell Church 700 yards N.W. 1880  
 1894 House 141 ft N.W.



RAINFALL AT Harlaw Edinburgh District - 5 W

Lat. .... Lon. .... County of Midlothian

Rain Gauge, by ..... Observer Mr Leslie Reid  
Almond + C - 5.

Diameter ....											
Height .....											
Altitude ....											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....		1.10									
February ....		.40									
March .....		4.90									
April .....		.80									
May .....		1.90									
June .....		.90									
July .....		2.70									
August .....		6.90									
September....		5.60									
October .....		3.50									
November....		2.60									
December ....		7.10									
TOTALS . . .		38.40									
		D									

Extracted 22/1/13

Monthly gauge 40.37



# RAINFALL AT Pentland Hills Harlaw

Lat. ....

Lon. ....

County of Edinburgh

Rain Gauge, by .....

Observer W Anderson Esq

Almond TC - 5.

Diameter ....	11											
Height .....	0 6											
Altitude ....	800											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	4.80	1.30	1.49	1.45	3.85	2.36	1.23	1.37	1.24	4.68	2.377	
February ....	.90	.26	3.27	3.46	8.92	1.15	1.15	2.07	1.92	1.75	2.485	
March .....	2.50	4.95	1.64	1.27	2.75	4.26	2.56	4.22	1.82	2.73	2.870	
April .....	1.00	.80	1.35	1.31	1.97	1.98	1.45	2.14	2.88	3.62	1.850	
May .....	2.00	2.05	2.64	1.98	4.30	1.06	.70	1.69	1.84	3.92	2.218	
June .....	3.90	1.04	3.68	3.89	3.15	2.35	3.75	3.85	2.14	1.62	2.937	
July .....	3.10	2.81	1.54	2.82	3.13	3.93	4.79	2.00	1.34	4.28	2.974	
August .....	4.70	7.50	4.78	3.64	5.19	5.51	1.51	3.33	3.42	.72	4.030	
September....	1.50	6.25	2.49	1.97	.67	.94	5.38	2.38	2.98	3.80	2.836	
October .....	2.30	3.34	5.29	3.72	3.13	4.33	5.36	1.55	5.00	2.43	3.645	
November....	6.30	2.68	1.68	1.95	2.76	3.56	1.14	2.62	4.73	3.66	3.108	
December ....	2.40	7.39	1.88	3.23	2.72	3.68	4.96	4.47	3.28	2.27	3.628	
TOTALS ....	35.40	40.37	31.73	30.69	42.54	35.11	33.98	31.69	32.59	35.48	34.958	

91

compared with original 28. VI. 10



# RAINFALL AT Pentlands Hills Harbour Hill

Lat. .... Lon. .... County of Edinburgh

Rain Gauge, by ..... Observer W Anderson Esq  
Almond & Co - 5.

Diameter ....	11										
Height .....	0 6										
Altitude ....	1112										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	9.25	1.30	2.00	1.22	4.70	2.22	2.20	1.20	2.00	6.09	
February ....	.80	.60	2.73	3.30	11.22	1.10	1.84	3.30	3.30	2.50	
March .....	2.50	2.50	1.90	2.00	4.10	14.00	3.47	5.20	1.70	4.00	
April .....	1.20	1.00	.70	1.70	2.00	2.00	2.14	2.50	3.40	5.10	
May .....	2.10	2.40	2.72	2.00	4.90	1.10	.90	2.70	2.12	4.80	
June .....	3.70	1.30	3.39	5.12	3.20	2.85	4.15	5.20	2.60	1.78	
July .....	2.95	3.37	1.90	3.29	3.00	4.20	5.80	2.48	2.00	5.12	
August .....	4.90	6.90	4.53	4.60	5.60	6.20	2.10	3.40	4.40	.90	
September ....	1.90	7.50	2.61	2.42	.80	1.80	6.00	3.00	3.97	5.20	
October .....	3.10	2.50	4.92	4.70	2.90	4.61	5.30	1.74	5.50	4.30	
November ....	6.65	2.51	2.02	2.61	2.80	4.60	1.38	3.40	7.40	5.00	
December ....	1.55	7.50	3.41	4.02	3.70	4.37	6.28	7.00	6.50	3.30	
TOTALS ....	40.60	39.58	32.83	36.98	48.92	49.05	41.56	41.12	44.89	48.09	42.31

1891 April gauge tampered with. *estimated*  
 " Sep. cor. by original sq. v. 1.0



RAINFALL AT Clakbredean Edinburgh District W 5

Lat. .... Lon. .... County of Midlothian

Rain Gauge, by ..... Observer Mr J. Leitch Reid  
Almond &c - 5.

Diameter ....												
Height .....												
Altitude ....												
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....		1.40										
February ....		20										
March .....		4.81										
April .....		.87										
May .....		2.29										
June .....		1.37										
July .....		3.30										
August .....		6.82										
September....		6.60										
October .....		3.11										
November....		2.50										
December ....		6.40										
TOTALS ....		39.67										

Extracted 22/1/10

Monthly Gauge 3888



# RAINFALL AT Pentland Hills Gubbiedean Reservoir

Lat. .... Lon. .... County of Edinburgh

Rain Gauge, by ..... Observer W. Anderson Esq

Almond TC - 5.

Diameter ....	11											
Height .....	0 6											
Altitude ....	750											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	5.00	1.40	1.08	.90	2.51	2.26	1.18	.94	1.12	4.12	2.051	
February ....	1.00	.30	2.58	2.78	7.22	.70	1.10	1.94	1.43	1.84	2.098	89
March .....	2.10	3.93	1.40	.96	2.00	4.00	2.12	3.83	1.60	2.96	2.490	
April .....	1.00	.88	1.19	1.70	1.90	1.91	1.29	1.50	2.63	3.80	1.490	8
May .....	2.45	2.29	2.50	2.29	4.20	.90	.53	1.73	2.03	4.20	2.312	
June .....	3.60	1.37	3.50	3.23	3.09	2.70	4.40	4.50	1.77	1.74	2.990	
July .....	3.65	3.30	1.44	3.10	2.79	5.48	5.44	2.07	1.60	4.29	3.316	
August .....	5.00	6.80	5.20	3.48	4.76	5.52	1.90	3.00	3.41	.76	3.983	
September ....	2.00	6.60	1.83	1.88	.68	.82	5.49	2.10	2.50	4.21	2.811	
October .....	2.90	3.11	4.88	3.52	3.40	4.21	5.00	1.51	4.94	2.34	3.581	
November ....	6.40	2.50	1.60	2.40	2.16	3.40	1.20	2.63	5.00	3.70	3.099	
December ....	2.10	6.40	1.70	3.10	2.82	3.07	4.68	4.10	3.29	1.98	3.324	
TOTALS ....	37.20	38.88	28.90	29.34	37.53	34.97	34.33	29.85	31.32	35.94	33.837	26

1891 corr. by original 29. VI. 10

1860 -



# RAINFALL AT Pentland Hills Swanton

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Edinburgh

Rain Gauge, by \_\_\_\_\_ Observer W Anderson Esq

Almond + c - 5.

Diameter . . . .	11										
Height . . . . .	0 6										
Altitude . . . .	550										
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . . .	5.10	1.10	2.50		<sup>#</sup> 2.73	2.38	1.06	.64	.75	4.05	
February . . . .	1.00	.50	3.50		8.78	1.10	.88	1.49	.73	1.65	
March . . . . .	2.40	5.30	2.50		2.60	4.18	2.27	2.95	.86	2.40	
April . . . . .	.50	1.00	2.40		1.70	1.67	1.06	1.33	2.32	3.33	
May . . . . .	1.00	2.40	4.00		3.94	1.06	.41	1.57	1.70	4.15	
June . . . . .	3.60	2.00	5.40		2.80	2.43	3.82	3.83	1.74	1.78	
July . . . . .	3.00	3.30	2.00		2.50	5.12	4.48	1.84	1.30	4.30	
August . . . . .	4.50	8.10	8.20		4.88	5.43	1.48	3.10	3.40	.65	
September . . .	2.90	9.30	3.20		.60	.80	4.76	1.96	2.02	3.37	
October . . . . .	3.00	4.50	7.40		2.90	3.68	4.32	1.42	3.76	1.88	
November . . . .	5.20	3.40	3.10		2.00	3.45	.53	2.12	3.64	3.52	
December . . . .	2.10	9.50	2.20		2.87	3.10	3.54	2.88	2.13	1.60	
TOTALS . . . .	34.30	50.40	46.40		38.30	34.40	28.61	25.13	24.35	32.68	



RAINFALL AT Bolinton Fernielaw

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Edinburgh

Rain Gauge, by \_\_\_\_\_ Observer A Leslie Esq C.E.  
Almond TC-5.

Diameter ....	11										
Height .....	0 6										
Altitude ....	500										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.10	.95	1.25	.90							
February ....	.90	.25	3.45	3.25							
March .....	1.90	4.15	2.80	1.20							
April.....	.60	.60	1.40	1.40							
May .....	2.00	2.00	2.60	1.80							
June .....	2.85	80	2.90	3.10							
July .....	3.25	3.00	1.30	2.45							
August .....	4.60	6.40	5.35	3.10							
September....	2.20	5.00	1.25	1.70							
October.....	2.15	2.30	4.50	3.00							
November....	5.00	2.00	1.40	2.30							
December ....	1.85	6.40	2.10	2.50							
TOTALS ....	31.40	33.85	30.30	26.70	210 06.25						



# RAINFALL AT *Dalmahoy*

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of *Edinburgh*  
 Rain Gauge, by \_\_\_\_\_ Observer *Countess Dowager of Morton*  
*Almond &c - 5.*

Diameter ....	5										
Height .....	0 10										
Altitude ....	358										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.92	1.32	1.59	.99	3.47	2.22	1.15	1.23	1.23	4.69	2.281
February ....	.92	.23	2.90	3.94	7.81	.61	1.14	1.97	1.78	1.53	2.283
March .....	1.93	4.26	1.66	.93	2.24	3.22	2.17	3.46	1.62	2.48	2.397
April .....	.82	.65	.96	1.19	1.82	1.40	1.10	1.46	2.11	3.08	1.459
May .....	2.11	1.49	2.87	1.98	3.47	1.13	.43	1.70	1.87	3.91	2.096
June .....	3.07	.91	3.33	2.38	2.75	2.78	3.54	3.62	1.95	1.49	2.582
July .....	3.00	2.22	1.43	3.08	2.83	4.68	4.98	1.68	1.42	4.18	2.950
August .....	4.02	5.33	4.88	2.97	4.44	5.73	1.82	3.09	3.75	.64	3.667
September....	2.44	5.40	2.02	1.60	.44	.69	3.54	2.26	2.56	3.74	2.469
October .....	2.27	2.59	4.36	3.56	4.15	3.18	4.16	1.23	5.16	2.52	3.318
November....	5.74	2.28	1.72	1.73	1.76	3.27	.65	2.65	4.64	4.55	2.899
December ....	1.99	6.79	1.78	2.98	2.67	3.12	4.22	3.54	2.88	2.44	3.241
TOTALS ....	33.23	33.47	29.50	27.33	37.85	32.03	28.90	27.89	30.97	35.25	31.642



RAINFALL AT Liberton Alnwick Hill Reservoir

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Edinburgh

Rain Gauge, by \_\_\_\_\_ Observer W. Anderson Esq  
Almond TC - 5.

Diameter ....	11										
Height .....	0 6										
Altitude ....	400										
• Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	4.87	.70	.94		2.60	1.70	.90	.56	.85	3.84	
February ....	.79	.55	2.30		7.63	1.30	.60	1.60	1.14	1.45	
March .....	1.90	3.76	1.20		2.10	3.00	2.00	2.90	1.09	2.05	
April .....	1.18	.52	1.20		1.70	1.20	1.00	1.24	1.94	3.10	
May .....	1.90	2.18	2.80		3.70	1.20	.50	1.30	1.71	3.96	
June .....	3.10	.70	3.30		3.00	2.00	3.30	3.65	1.91	1.40	
July .....	3.19	5.55	1.90		2.60	4.90	4.49	1.95	1.25	3.90	
August .....	6.10	5.41	3.40		5.20	4.30	1.36	4.02	3.33	.51	
September....	1.23	4.39	2.00		.15	.60	4.55	1.68	1.86	2.16	
October .....	2.19	2.43	3.60		2.10	3.40	4.30	1.38	3.71	3.52	
November ....	5.53	1.94	1.70		1.60	2.70	.70	2.05	4.48	3.46	
December ....	2.10	5.94	(1.50)		2.10	2.40	3.30	3.03	2.75	1.86	
TOTALS ....	34.08	34.07	(25.84)	(26.00)	34.48	28.70	27.00	25.36	26.02	31.21	(29.276)

1892 December Gauge snowed up } estimated  
1893



RAINFALL AT Edinburgh Napier Road  
 Lat. .... Lon. .... County of Edinburgh  
 Rain Gauge, by ..... Observer J. Buchan  
Almond &c - 5.

Diameter ....											
Height .....											
Altitude ....											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.59	.70	1.01	.63	2.23	1.85	.76	.72	.80	3.63	
February ....	.89	.15	1.84	2.31	7.62		.80	1.50	1.06	1.45	
March .....	1.66	3.02	1.22	.81	1.70	3.37	1.55	2.73	1.18	1.98	
April .....	.77	.29	1.16	1.46	1.60	1.17	.85	1.11	2.05	2.58	
May .....	1.87	1.87	3.15	1.47	2.97	1.18	.46	1.34	1.85	4.04	
June .....	2.80	.67	3.03	2.22	2.49	2.18	3.42	4.66	1.36	2.74	
July .....	2.13	3.43	1.12	2.40	2.30	4.48	4.38	1.53	1.27	2.50	
August .....	3.43	5.66	4.69	3.01	4.20	5.18	1.89	3.02	3.52	.50	
September....	2.22	4.36	1.19	1.47	.30	.86	3.92	1.44	2.24	2.87	
October .....	2.73	2.04	3.74	2.62	2.94	3.13	4.10	1.26	3.37	1.98	
November....	4.93	1.55	1.19	1.40	1.39	2.43	.51	2.58	3.79	2.96	
December ....	1.77	5.06	1.49	2.37	2.22	2.52	3.42	2.52	1.82	1.97	
TOTALS ....	28.79	28.80	24.83	22.17 <i>Rel. np</i>	31.96 <i>np</i>	28.35	26.06	24.41 <i>np</i>	24.31 <i>np</i>	29.20 <i>np</i>	

1893-94 & 1897-99 received from M.O Edinburgh November 1937 - late np.



RAINFALL AT Edinburgh Blacket Place  
 Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Edinburgh  
 Rain Gauge, by \_\_\_\_\_ Observer R. C. Mossman Esq  
Almond & C - 5.

Diameter ....	5							8			
Height .....	0	8									
Altitude ....	252	T									
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.70	.73	1.05	.71	2.47	1.77	.84	.80	.84	3.69	1.660
February ....	.95	.21	2.00	2.63	6.81	.56	.85	1.42	1.02	1.45	1.790
March .....	1.83	3.01	1.37	.88	1.71	2.80	1.59	2.87	1.22	2.13	1.941
April .....	.84	.29	1.11	1.64	1.75	1.17	.96	1.04	1.91	2.29	1.500
May .....	1.71	1.91	3.00	1.37	3.20	1.42	.57	1.28	2.34	3.80	2.060
June .....	3.23	.57	3.14	2.48	2.65	2.88	3.57	3.99	1.39	1.48	2.538
July .....	2.43	3.69	1.17	2.53	2.83	4.66	4.33	1.82	1.28	3.98	2.872
August .....	4.28	5.21	4.80	3.16	3.83	5.12	1.79	4.24	3.30	.55	3.628
September....	2.23	4.71	1.20	1.67	.48	.63	4.47	1.64	2.21	3.78	2.502
October .....	3.05	2.03	3.92	2.51	2.79	3.30	4.14	1.27	3.70	1.59	2.830
November....	4.84	1.69	1.43	1.74	1.43	2.60	.65	1.97	4.11	3.26	2.372
December ....	1.55	5.16	1.36	2.50	2.25	2.27	3.35	2.45	1.91	2.13	2.493
TOTALS ....	30.64	29.21	25.55	23.82	32.20	29.18	27.11	24.79	25.23	30.13	27.786

1890 January incorrectly printed in R General Return 3.58



RAINFALL AT *Edinburgh, George Square*

Lat. .... Lon. .... County of *Edinburgh*

Rain Gauge, by *Almond TC-5.* Observer *J. W. Black. Esq*

Diameter ....						. 6					
Height .....						4. 0	3. 4				
Altitude ....						261	265				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....						1. 60	. 61	. 69	. 65	5. 31	
February ....						. 24	. 63	. 94	. 73	1. 28	
March .....						2. 27	1. 31	2. 48	1. 07	1. 79	
April .....						. 95	. 66	. 83	1. 70	2. 15	
May .....						1. 06	. 53	1. 26	1. 84	3. 13	
June .....						2. 24	3. 23	3. 77	1. 30	. 54	
July .....						4. 28	3. 13	1. 68	1. 11	4. 23	
August .....						4. 55	1. 62	3. 07	1. 78	. 50	
September....						. 59	3. 65	1. 09	3. 58	3. 16	
October .....						2. 84	3. 42	1. 02	1. 85	1. 40	
November....						1. 95	. 60	. 58	3. 61	2. 09	
December ....						2. 36	3. 05	2. 02	1. 31	2. 03	
TOTALS ....						24. 93	22. 44	19. 43	20. 53	27. 61	



RAINFALL AT Edinburgh Streatham House  
Lat..... Lon..... County of Edinburgh  
Rain Gauge, by ..... Observer Dr Buchan  
Almond to - 5.

Diameter ....	.....										
Height .....	.....										
Altitude ....	.....										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.60	.50	1.00	.70	.50	2.00	.80	1.10	.90	2.80	
February ....	1.00	.20	1.50	2.60	5.10	.70	.70	1.00	1.20	1.50	
March .....	1.70	3.20	1.40	.90	1.90	3.10	1.80	3.20	1.40	2.20	
April.....	.90	.30	1.30	1.60	1.80	1.40	.90	1.30	2.00	2.60	
May .....	1.80	2.10	3.00	1.50	3.00	1.10	.50	1.50	2.10	4.40	
June .....	3.00	.70	3.20	2.40	2.60	2.40	4.10	4.40	1.60	.90	
July .....	2.40	3.70	1.10	2.80	2.90	4.10	4.80	1.60	1.20	4.50	
August .....	3.80	5.40	5.10	3.40	4.30	5.50	2.00	3.20	2.70	.40	
September....	2.10	4.00	1.20	1.50	.30	.80	4.70	1.70	2.60	3.20	
October.....	2.70	2.20	4.00	2.60	3.00	3.40	4.80	1.30	4.10	2.10	
November....	5.00	1.50	1.20	1.50	1.20	2.60	.90	2.30	4.70	3.40	
December ....	.90	5.30	1.10	2.50	2.40	2.20	3.30	3.00	2.20	2.50	
TOTALS ....	26.90	29.10	25.10	24.00	29.00	29.30	29.30	25.60	26.70	30.50	

1897- 1899 received from M.O. Edinburgh November 1937- late ap







# RAINFALL AT *Edinburgh Royal Observatory, Blackford Hill*

Lat. ....

Lon. ....

County of *Edinburgh*

Rain Gauge, by .....

Observer *Dr Copeland*

*Almond TC - 5.*

Diameter ....	5						5				
Height .....	23 0						28 0				
Altitude ....	370						460				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	1.24	.23	.43	.26	.52	.99	.24	.35	.45	1.82	
February ....	.51	.08	1.02	1.17	3.25	.31	.34	.20	.08	.74	
March .....	.81	2.10	.76	.34	.56	1.56	.41	.83	.35	.85	
April .....	.37	.10	.63	1.12	1.47	.82	.31	.19	1.08	1.40	
May .....	1.23	1.21	1.99	1.22	2.09	.76	.15	.85	1.21	1.96	
June .....	1.78	3.6	2.13	1.44	1.93	1.95	2.70	3.02	.69	1.05	
July .....	1.53	2.33	.52	1.94	2.12	3.74	3.17	1.18	.73	3.14	
August .....	2.96	3.44	3.80	2.19	2.99	3.66	1.29	2.60	1.87	.30	
September....	.67	2.73	.56	1.02	.24	4.3	2.25	.99	1.01	1.77	
October .....	1.98	.81	3.01	2.40	1.75	2.43	2.68	.87	1.77	.42	
November ....	3.91	.91	.69	1.26	.76		.12	1.00	1.49	.91	
December ....	1.30	2.88	.78	1.18	.85		1.60	.69	.13	1.15	
TOTALS ....	18.29	17.18	16.32	15.54	18.53		15.26	12.77	10.86	15.51	

1890 On Roof of Observatory 22 ft 6 in S of the centre of a hemispherical dome 15 ft in diameter the top of which is 10 ft above the gauge  
Readings taken at 1 pm

1892 Observatory dome 10 ft high 22 ft 6 in N

1895 Gauge moved 11 Nov to Royal obs; Blackford Hill

1896 Jan 1<sup>st</sup> 5 in gauge mounted



RAINFALL AT Edinburgh Charlotte Square

Lat. .... Lon. .... County of Edinburgh

Rain Gauge, by ..... Observer Aleslie Esq. C.E.

Almond &c - 5.

Diameter ....	11											
Height .....	0 6											
Altitude ....	230											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	3.20	.49	.90	.54	2.02	1.60	.60	.94	.82	3.35	14.26	+
February ....	.90	.13	1.83	2.31	6.38	.20	.81	1.31	.86	1.41	1.614	
March .....	1.28	2.70	1.05	.31	1.23	2.72	1.34	2.65	1.19	2.06	1.653	
April .....	.70	.26	.98	1.52	1.55	.97	.88	.96	1.24	2.50	1.156	-
May .....	1.56	1.50	2.69	1.31	2.80	1.00	.44	1.18	2.05	3.88	1.841	
June .....	2.80	.48	2.75	1.95	2.65	2.67	3.24	3.69	1.24	3.20	2.467	
July .....	2.27	2.67	1.00	2.50	2.08	4.58	4.18	1.68	1.41	1.60	2.397	
August .....	3.40	4.40	4.52	2.90	3.50	4.37	1.76	3.92	3.50	.73	3.300	
September....	2.17	4.01	1.01	1.36	.30	.82	3.75	1.52	2.04	4.03	2.101	
October .....	2.49	1.73	3.36	2.80	3.00	3.18	3.50	1.17	3.30	1.00	2.553	
November....	4.56	1.37	1.34	1.33	1.10	2.48	.50	1.82	3.34	2.93	2.077	
December ....	1.44	4.49	.98	2.10	1.64	2.13	2.59	2.26	3.35	3.21	2.419	
TOTALS ....	26.77	24.23	22.41	20.93	28.25	26.72	23.59	22.90	24.34	29.90	25.00	*

Months apportioned according to Blacket Place 25.004

\* Computed from Blacket Place

The following values were supplied by Washington Weather Bureau for the year 1897. to Binsmore Alter Esq.  
.67, 1.12, 2.33, .79, 1.60, 3.20, 1.50, 3.10, 1.36, 1.02  
1.74, 2.15, Year 20.58.



# RAINFALL AT Edinburgh Royal Observatory <sup>Blackford Hill</sup>

Lat. ....

Lon. ....

County of .....

Edinburgh

Rain Gauge, by .....

Observer .....

Dr Copeland

Almond &c - 5.

Diameter ....		5					8				
Height .....		10					10				
Altitude ....		347					442				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.20 <sup>#</sup>	.51	.88	.61	2.02	1.35	0.65 <sup>#</sup>	0.64	0.71	3.23	
February ....	.90	.15	2.30	2.06	6.31	.27	0.69	1.14	0.92	1.22	
March .....	1.28	2.74	.95	.75	1.25	1.99	1.29	2.41	0.78	1.75	
April .....	.70	.34	.85	1.45	1.87	.92	0.72	0.89	1.73	2.29	
May .....	1.56	1.50	3.01	1.55	3.05	.88	0.42	1.22	1.70	3.52	
June .....	2.80	.48	2.83	2.09	2.27	2.31	3.16	4.07	1.30	1.31	
July .....	2.27	3.01	1.04	2.46	2.65	4.05	3.99	1.53	1.15	3.68	
August .....	3.40	4.74	5.50	3.17	3.35	4.36	1.73	3.55	3.16	0.40	
September ....	2.17	4.16	1.11	1.55	.34	.60	3.86	1.52	1.97	2.89	
October .....	2.49	1.66	3.54	3.01	2.41	2.82	3.95	1.11	3.44	1.18	
November ....	4.56	1.43	1.33	1.38	1.17	2.10	0.45	1.86	3.57	2.40	
December ....	1.44	4.34	1.03	2.33	1.33	1.94	2.94 <sup>#</sup>	2.28	1.86	1.70	
TOTALS ....	26.77	25.06	24.37	22.41	28.02	23.59	23.85	22.22	22.29	25.57	(24.415)

↑  
Charlotte Sq

1891 Observatory 22 ft high 25 ft W.N.W

1892 Telescope stand 3'6" high 9'6" W.S.W

Observatory 22 ft high 25 ft N.W

1895 Dec Gauge moved to Royal Obsy Blackford Hill Edinburgh

1896 Jan 1<sup>st</sup> 8" gauge mounted

Hydro No. 900093



RAINFALL AT Edinburgh Charlotte Square  
Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Edinburgh  
Rain Gauge, by \_\_\_\_\_ Observer A. Leslie Esq. C.E.  
House Top Gauge Almond + c - 5.

Diameter . . . .	12											
Height . . . . .	63 0											
Altitude . . . .	300											
Year . . . . .	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January . . . .	2.20	.30	.63	.40	1.12	1.15	.30		.51	4.02		
February . . . .	.68	.06	1.20	1.59	4.46	.18	.52		.46	.99		
March . . . . .	.95	2.21	1.05	.20	.94	1.71	.88		.69	1.32		
April . . . . .	.50	.14	.68	1.24	1.20	.78	.51		1.92	1.92		
May . . . . .	1.20	1.11	2.26	1.13	2.33	.88	.20		1.54	3.35		
June . . . . .	2.10	.30	2.25	1.45	2.27	2.25	2.70		.86	2.78		
July . . . . .	1.85	2.35	.69	2.10	1.99	4.10	3.55		1.11	1.54		
August . . . . .	2.85	3.73	3.98	2.44	3.28	3.95	1.60		2.90	.42		
September . . . .	1.80	3.04	.80	1.18	.15	.70	2.85		1.94	3.18		
October . . . . .	1.98	1.10	2.90	2.41	2.28	2.75	2.72		2.67	.62		
November . . . .	3.80	1.10	.90	1.04	.89	1.83	.52		2.54	1.98		
December . . . .	1.24	3.40	.83	1.58	1.10	1.62	2.35		2.57	2.39		
TOTALS . . . .	21.15	18.84	18.17	16.76	22.01	21.90	18.70	No Rain	19.71	Not Exp. 54		



RAINFALL AT *Edinburgh City Observatory*

Lat..... Lon..... County of *Edinburgh*

*Almond + C - 5.* Rain Gauge, by ..... Observer *W. Peck Eag*

Diameter ....							8				
Height .....							1	1	10		
Altitude ....							350	349			
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....							1.36	.57	.75	3.53	
February ....							1.00	.92	.91	1.36	
March .....							1.72	2.49	1.13	1.75	
April .....							.66	.83	1.71	2.21	
May .....							.62	1.26	1.88	3.82	
June .....							2.98	4.01	1.38	1.00	
July .....							2.71	1.87	1.19	3.76	
August .....							1.58	3.49	3.17	.56	
September....							4.54	1.50	1.83	2.51	
October .....							3.69	1.02	3.26	2.18	
November ....							.53	2.32	3.37	2.38	
December ....							3.01	2.06	1.45	1.80	
TOTALS ....							(24.40)	22.34	22.03	26.86	

*1896 April 1 Gauge moved 112 feet E*



# RAINFALL AT *Edinburgh Royal Botanic Garden*

Lat. ....

Lon. ....

County of

*Edinburgh*

Rain Gauge, by

Observer

*Mr A. D. Richardson*

*Almond + C-5.*

Diameter ....					8						
Height .....					1.0						
Altitude ....					74 <del>m</del>						
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....					2.33	1.85	.79	.78	.87	3.60	
February ....					6.70	.46	.81	1.29	.94	1.43	
March .....					1.48	2.30	1.55	2.60	1.24	1.92	
April .....					1.67	1.08	1.06	.80	1.92	2.58	
May .....					2.80	1.00	.58	1.27	1.98	3.77	
June .....					2.56	2.56	3.36	3.73	1.37	1.46	
July .....					2.54	4.90	4.31	1.88	1.35	3.18	
August .....					3.38	4.64	1.73	3.40	3.54	.70	
September....					.45	.70	3.67	1.54	2.31	3.52	
October .....					2.79	3.23	3.65	.98	3.49	1.25	
November....					1.20	2.30	.53	1.83	3.58	2.98	
December ....					1.99	2.71	3.34	2.17	1.83	2.23	
TOTALS ....					29.89	27.73	25.38	22.27	24.42	28.62	

1894 *S. Bernards Ch 1/2 mile S*

*Iron fence 4 ft high 12 ft N. S + E + 18 ft W*

*Stone Wall 13.. - 60 ft N + 52 ft E*



RAINFALL AT Portobello Joppa  
Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Edinburgh  
Rain Gauge, by \_\_\_\_\_ Observer R Muirhead Esq

Almond TC-5.

Diameter ....	5										
Height .....	10										
Altitude .....	25 T		20 T						12		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.82	.33	.92	.69	1.47				1.08		
February ....	.67	.11	.90	2.52	5.36				.99		
March .....	1.33	2.69	.38	.88	1.44				1.06		
April .....	1.41	.21	.77	.85	1.43				1.90		
May .....	1.28	1.53	2.28	1.57	2.16				1.87		
June .....	2.84	5.04	3.00	1.54	1.50				1.96		
July .....	1.39		.68	2.12	4.10				1.32		
August .....	3.40	4.85	3.61	3.27					3.20		
September ....	1.73	3.54	1.39	1.36	.33				2.03		
October .....	3.10	1.60	3.52	2.36	2.57				3.68		
November ....	3.72	1.48	1.34	1.62	1.42				3.41		
December ....	1.58	3.81	1.16	2.26	1.79				1.81		
TOTALS ....	25.22	25.19	19.95	21.04	23.57	dead			24.31	Not Received	



# RAINFALL AT *Leith*

Lat. ....

Lon. ....

County of *Edinburgh*

Rain Gauge, by .....

Observer *The Meteor Council*

*Almond &c - 5.*

Diameter ....	8										
Height .....	1 8										
Altitude ....	22										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	2.91	.34	.83	.60	2.09	1.43	.67	.89	.68	3.38	1.382
February ....	.71	.13	1.38	1.82	5.32	.36	.77	.85	.70	1.24	1.328
March .....	1.29	2.71	.79	.60	1.20	1.66	1.22	2.14	1.17	1.78	1.456
April .....	.69	.19	.88	1.15	1.42	.89	.98	.83	1.67	2.00	1.070
May .....	1.49	1.54	2.71	1.55	2.54	.92	.48	1.01	1.69	3.49	1.742
June .....	2.76	.63	2.37	1.76	2.22	1.76	2.87	3.47	1.29	1.28	2.041
July .....	2.21	2.82	1.12	1.95	2.87	3.97	3.64	1.93	1.27	3.12	2.490
August .....	3.13	3.94	4.27	2.79	3.27	4.12	1.62	3.84	3.05	.56	2.059
September....	2.42	3.70	.95	1.41	.46	.60	3.25	1.45	1.85	2.96	1.905
October .....	2.64	1.40	3.36	2.25	2.19	2.50	3.18	.90	2.95	.92	2.229
November....	4.27	1.26	1.00	1.38	1.09	1.76	.44	1.34	2.40	1.89	1.683
December ....	1.43	3.93	.94	1.96	1.47	1.90	2.54	1.87	1.14	2.17	1.935
TOTALS ....	25.95	22.59	20.60	19.22	26.14	21.87	21.66	20.52	19.86	24.79	22.320

1880 -



# RAINFALL AT Leith Navigation School

Lat. ....

Lon. ....

County of Edinburgh

Rain Gauge, by .....

Observer Dr Buchan

Almond + C - 5.

Diameter ....	5										
Height .....	0 5										
Altitude ....	70								50		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	3.46	.59	.92	.76	1.91	1.82	.81	.72	.80	3.80	1.559
February ....	.82	.20	1.95	2.37	5.51	.49	.79	1.14	.96	1.43	1.566
March .....	1.58	3.34	1.01	.76	1.54	2.31	1.49	2.63	1.35	1.94	1.795
April .....	.85	.25	1.04	1.69	1.62	1.10	1.18	1.02	2.04	2.31	1.310
May .....	1.84	1.85	3.02	1.81	2.93	1.10	.54	1.29	1.94	4.07	2.039
June .....	3.14	.69	2.94	1.94	2.43	2.08	3.21	3.97	1.62	1.42	2.344
July .....	2.69	3.13	1.23	2.11	3.07	4.77	4.17	2.29	1.45	3.61	2.852
August .....	3.41	4.28	4.74	2.93	3.79	4.36	1.89	4.57	3.46	.67	3.410
September ....	2.47	4.34	1.25	1.75	.58	.59	3.71	1.79	2.33	3.10	2.191
October .....	3.16	1.79	3.68	2.46	2.80	3.24	3.79	1.13	2.86	1.58	2.649
November ....	4.71	1.53	1.24	1.53	1.45	2.40	.63	1.83	3.33	2.54	2.119
December ....	1.65	4.78	1.15	2.21	1.67	2.44	3.37	2.10	1.40	2.32	2.309
TOTALS ....	29.78	26.77	24.17	22.32	29.30	26.70	25.58	24.48	23.54	28.79	26.143



# RAINFALL AT *Davidsons Mains Broomfield*

Lat. ....

Lon. ....

County of *Edinburgh*

Rain Gauge, by .....

Observer *McCombie*

*Almond &c - 5.*

Diameter ....										5	
Height .....										10	
Altitude ....										42	
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....					2.64	1.69	.84	.65	.72	3.66	
February ....					6.32	.31	.64	1.24	.82	1.25	
March .....					1.59	1.72	1.64	2.55	1.07	1.85	
April .....					1.48	.98	.86	.68	1.56	2.51	
May .....					2.59	.88	.47	1.16	1.61	3.27	
June .....					2.41	3.77	3.09	3.60	1.41	1.40	
July .....					2.58	4.41	4.11	1.58	1.07	3.19	
August .....					4.70	5.23	1.56	2.87	3.03	.56	
September ....					.40	.57	3.79	1.67	2.06	3.02	
October .....					2.84	2.87	2.55	.94	3.09	1.16	
November ....					1.52	2.40	.42	1.78	3.16	2.53	
December ....					1.44	2.29	3.09	2.21	1.65	2.20	
TOTALS . . .					30.51	27.12	23.06	20.93	21.25	26.60	

1899 *Almond Church* 2 miles W  
House 45 ft high 60 ft SE  
Shrub 8 " 54 " S







RAINFALL AT Whitburn Polkemmet

Lat. .... Lon. .... County of Linlithgow

Rain Gauge, by ..... Observer Lady Baillie  
Almond &c - 1.

Diameter ....	5										
Height .....	2 0	1 0					2 0			1 0	
Altitude ....	600 T										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	7.48	3.12	3.10	1.37	5.48	2.27	2.01	1.39	2.83	6.90	3.595
February ....	1.10	1.06	3.20	5.24	11.74	.68	2.31	2.93	3.31	1.95	3.352
March .....	4.18	5.97	.97	1.79	3.79	4.23	4.48	4.77	2.38	3.72	3.628
April .....	1.96	.49	1.45	1.60	1.58	1.91	2.02	1.95	2.63	3.97	1.956
May .....	2.74	2.48	4.49	2.24	4.19	.89	.73	2.13	2.11	3.55	2.555
June .....	4.49	1.87	3.68	3.49	3.47	2.96	4.56	4.95	2.14	1.48	3.309
July .....	4.70	2.05	2.25	2.88	3.96	5.39	4.42	2.05	1.53	5.66	3.489
August .....	4.90	6.97	8.17	4.11	5.61	5.83	2.18	4.11	5.58	1.10	4.856
September....	5.38	5.99	4.44	2.13	.26	2.29	4.74	2.80	5.68	5.73	3.944
October .....	4.05	3.26	4.72	5.77	3.96	4.10	4.88	1.61	5.62	4.15	4.212
November ....	8.15	2.49	3.96	3.42	3.87	4.60	1.45	3.37	5.60	6.33	4.324
December ....	2.11	9.56	2.69	4.87	3.62	5.34	5.38	6.52	5.87	3.01	4.897
TOTALS ....	51.24	45.31	43.12	38.91	51.53	40.49	39.16	38.58	45.28	47.55	44.117

1890 Whitburn Church 2 miles E



# RAINFALL AT Uphall

Lat. ....

Lon. ....

County of

Linlithgow

Rain Gauge, by

Observer

J. Fyfe Esq

Almond TC-1.

Diameter ....	5											
Height .....	0 9											
Altitude ....	380											
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....	4.37	1.44	1.25	.66	3.15	1.28	1.83	.93	1.55	(5.86)		
February ....	.25	.26	1.67	2.78	7.78	.37	1.03	2.07	1.93	1.48		
March .....	1.88	1.56	.65	.96	2.31	2.88	2.68	3.81	1.36	3.69		
April .....	.79	.46	.66	.97	1.72	1.20	1.09	1.21	2.01	3.63		
May .....	.84	1.48	3.50	1.68	2.99	.67	.51	1.67	2.09	4.03		
June .....	3.62	.66	3.79	2.04	2.88	3.05	3.94	4.45	1.49	1.82		
July .....	3.66	2.04	1.30	1.83	2.52	3.43	4.87	1.49	.57	4.89		
August .....	3.91	5.12	6.73	3.26	4.78	5.25	2.35	3.42	3.96	.51		
September....	2.19	4.72	2.40	1.51	.34	1.23	4.42	2.44	3.61	4.22		
October .....	2.22	2.24	4.11	3.46	2.82	3.62	3.36	1.31	4.98	2.34		
November ....	5.71	1.99	1.68	1.72	1.98	3.37	.78	3.01	4.74	4.66		
December ....	1.89	5.67	1.50	2.65	2.37	2.82	4.16	4.38	2.66	2.75		
TOTALS ....	31.33	27.64	29.24	23.52	35.64	29.17	31.02	30.19	30.95	39.88	30.858	

Uphall Church 1/2 mile NE

Shrubs 3916 in high 4 ft N

1899 January gauge reading.

estimated



# RAINFALL AT Carribber Reservoir

Lat. ....

Lon. ....

County of Linlithgow

Rain Gauge, by .....

Observer W H Henderson Esq

Form, Rebank - 2.

J Bawne Esq

Diameter ....									5		
Height .....									7		
Altitude ....								400	330		
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....								2.06	1.90	5.75	
February ....								2.36	1.94	2.06	
March .....								3.76	1.25	3.21	
April .....								1.86	2.65	3.42	
May .....								2.45	2.21	3.92	
June .....								4.86	1.69	1.56	
July .....								1.66	1.18	3.97	
August .....								4.97	3.98	.82	
September ....								1.15	4.55	4.65	
October .....								1.40	6.30	2.51	
November ....								2.90	2.78	4.30	
December ....								4.58	4.77	3.23	
TOTALS ....								34.01	35.20	39.40	

1897 Linlithgow Church 3 miles N.E.  
Bowden Hill 700 ft high close SE  
1898 House 30 ft high 98 ft N.W.



# RAINFALL AT *Linlithgow Nether Parkley*

Lat. ....

Lon. ....

County of *Linlithgow*

Rain Gauge, by .....

Observer *J. Storey Esq*

*Forth, R. bank - 2.*

Diameter ....				5	.	5						
Height .....				0	-	3	.	3				
Altitude ....				290	T	.	290	T				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....				1.28	4.65	1.67	1.38	1.48	1.61	5.69		
February ....				4.42	9.95	.57	.90	2.17	1.61	2.17		
March .....				1.35	3.68	2.77	3.06	4.63	1.36	3.03		
April .....				1.42	1.77	1.86	1.22	1.25	2.49	3.66		
May .....				1.93	2.77	.61	.52	2.43	2.25	4.47		
June .....				1.53	3.32	1.51	3.87	4.24	1.83	1.55		
July .....				3.37	2.88	5.04	4.73	1.82	.88	4.13		
August .....				3.42	4.73	6.38	2.16	3.93	3.68	.83		
September....				1.36	.37	1.20	4.48	2.21	4.10	2.44		
October .....				3.52	3.87	3.56	3.16	1.50	5.92	3.66		
November....				2.01	3.30	3.44	.78	2.76	5.10	4.08		
December ....				3.12	2.55	4.29	4.73	4.77	4.28	3.81		
TOTALS ....				28.73	43.84	32.90	30.99	33.19	35.11	39.52	35.00*	

*Linlithgow Church 1/2 mile N*  
*House 40 ft high 60 ft E*

\* Computed from Polkennet, Uphall & Kerse.



RAINFALL AT Linlithgow Nether Parkley

*Lon.*

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

Linlithgow

Observer:

W. H. Henderson Esq

Float-gauge M. Form, Rbank-2.

[illegible]



# RAINFALL AT Linlithgow Rockville

Lat. ....

Lon. ....

County of Linlithgow

Rain Gauge, by .....

Observer Mr Adie

Fork, Rebank- 2.

Diameter ....	3										
Height .....	0 9										
Altitude ....	260										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.42	1.60	1.40	.50	3.82	1.30					
February ....	1.05	30	3.00	4.00	9.20	.40					
March .....	1.92	3.62	1.23	1.10	2.80	2.70					
April .....	.78	.23	.84	1.20	1.40	1.70					
May .....	1.60	1.40	2.90	1.47	2.60	.53					
June .....	2.29	.42	4.10	1.18	3.10	1.42					
July .....	2.72	1.70	1.70	3.00	2.65	4.83					
August .....	3.52	3.62	6.90	2.95	4.35	6.00					
September....	2.10	4.00	2.52	1.11	.37	1.13					
October .....	2.20	2.06	3.60	3.30	3.90	3.48					
November....	5.30	2.15	2.10	1.58	3.00	3.23					
December ....	1.80	6.00	1.70	2.40	2.40	4.50					
TOTALS ....	30.70	27.10	31.99	23.79	39.59	31.22					



# RAINFALL AT

*Lon.*

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

Leilishgow

Observer

Mr Adie

*Rain Gauge, by*

Fork, R bank - 2.

[illegible]



# RAINFALL AT Bo'ness Grange

Lat. .... Lon. .... County of Linlithgow

Rain Gauge, by ..... Observer H.M. Cadell Esq.  
Fork, Rbank - 2.

Diameter ....	3										
Height .....	1 0	9	1 0		6						
Altitude ....	20										
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....	5.50	1.80	1.80	.90	4.32	1.64	1.30				
February ....	.70	.30	2.50	3.30	8.38	1.50	.95				
March .....	1.75	2.80	.90	.70	2.62	4.69	2.46				
April .....	.70	.50	.50	1.00	1.44	1.59	1.22				
May .....	1.20	1.00	3.30	1.60	2.41	.42	.66				
June .....	2.50	.30	3.95	1.30	2.67	3.27	3.75				
July .....	2.00	1.90	2.00	1.80	3.09	6.77	3.87				
August .....	3.75	3.30	6.30	3.70	4.66	7.97	2.38				
September....	2.90	4.50	2.30	.90	.00	1.60	3.55				
October .....	2.00	2.30	3.50	3.00	4.29	4.27	2.81				
November....	5.00	2.00	2.10	2.00	2.56	3.61	.74				
December ....	.95	6.10	.75	3.00	2.49	3.60	4.42				
TOTALS ....	28.95	26.80	29.90	23.20	38.93	<del>40.93</del>	28.11				

(30.00) = estd for Glasgow Water VIII. 13.

1891 Carriden Chmcl 1/2 mile E

1894 Jan'y 1st New Snowden gauge fixed

1895 Ten to twelve inches too big.