

RAINFALL AT Kirkby Stephen

Lat. _____ Lon. _____ County of Westmoreland
Rain Gauge, by _____ Observer Mrs J. Mason Esq

Eden - 1.

Diameter	5										
Height	1 0										
Altitude	574 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.93	2.89	2.86	2.80	7.03	3.58	2.11	1.62	3.19	8.82	4.283
February ....	.90	.15	2.40	7.31	10.38	.80	2.37	3.90	4.00	4.15	3.636
March	3.02	1.79	.66	1.66	4.95	5.45	5.88	7.34	1.63	2.66	3.504
April	1.39	1.22	1.77	.68	2.74	1.98	2.02	3.11	3.54	2.88	2.133
May	2.37	2.23	5.45	1.80	3.66	.70	.65	1.80	2.70	3.01	2.437
June	3.09	2.00	4.81	1.79	2.93	3.20	4.02	2.90	2.93	1.57	2.924
July	2.25	4.91	2.56	4.98	4.28	7.88	3.17	1.86	1.21	4.47	3.757
August	4.89	10.02	7.77	4.56	4.33	5.19	2.19	5.81	5.13	1.22	5.111
September	3.06	5.54	8.47	4.10	1.00	1.62	5.08	4.64	.63	5.51	3.965
October	1.92	6.08	7.60	3.33	7.00	3.81	3.96	2.88	5.68	3.14	4.540
November	6.19	4.97	3.37	3.79	5.39	6.82	1.48	4.35	4.09	5.12	4.557
December ....	.76	8.95	1.55	6.40	6.21	4.26	4.26	8.81	8.06	2.75	5.201
TOTALS	37.77	50.75	49.27	43.20	59.90	45.29	37.19	49.02	42.79	45.30	46.048

1891 Kirkby Stephen 120 yards E
Wall 6 ft high 12 ft E

1890 -

RAINFALL AT Shap Reddale Hall ?

Lat. Eden - 1. Lon. _____ County of Westmoreland
Kent - 3. Rain Gauge, by _____ Observer Mr W. Hoggarth
Monthly

Diameter	5										
Height	1 0										
Altitude	1560 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	17.00	8.95									
February	1.70	.25									
March	3.25	#									
April	2.95										
May	4.50										
June	4.10										
July	5.10										
August	7.10										
September	17.10										
October											
November											
December ....	.35										
TOTALS	63.15										

see notes in 1880 Book as to position
CS. 111.19

Rejected from Survey : 10" too High.

RAINFALL AT Mardale Dun Bull Inn

Lat. Lon. County of Nestmorland

Eden - 1. Rain Gauge, by Observer Mr. N. Sargeant

Diameter		5									
Height			1 0								
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			5.40	3.70							
February			2.70	10.30							
March			1.70	#							
April			1.80								
May			7.20								
June			5.00								
July		#	6.50	5.20							
August		20.20	9.60								
September		13.30	13.70								
October		11.70	8.20								
November		8.90	6.30								
December		17.00	2.00								
TOTALS			68.80								

RAINFALL AT Shap Swindale

Lon.

County of _____

Westmoreland

Eden - 1.

Rain Gauge, by

Observer

Mr W. Hoggarth

Monthly

[illegible]

RAINFALL AT *Shap Oddendale*

Lat.

Lon.

County of *Westmoreland*

Rain Gauge, by

Observer *Mr W. Scott*

Leven - Eden - 1.

Diameter							5				
Height							6				
Altitude							1060				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							2.69				
February							3.50				
March							6.24				
April							1.65				
May .....							.55				
June							2.76				
July							2.45				
August							2.69				
September....							7.15				
October							7.93				
November							2.00				
December							5.71				
TOTALS							45.32				

St Michaels Ch 3 miles N.W.

RAINFALL AT Asby Iron Head

Lat. _____ Lon. _____ County of Westmoreland

Lever - Eden - 1 Rain Gauge, by _____ Observer M. J. Bennett

Diameter	5										
Height	1 0										
Altitude	685 I										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.52	4.23	2.61	1.20	6.46	2.56					
February ....	.87	.25	2.59	7.12	10.35	.48					
March	3.95	1.91	.71	1.86	5.58	6.14					
April	1.41	.62	1.56	.63	2.70	1.92					
May	2.74	2.84	4.89	2.40	4.30	.97					
June	3.17	1.45	4.57	1.79	2.51	3.44					
July	3.26	5.01	2.55	3.29	3.13	7.60					
August	4.75	8.41	8.01	4.68	3.42	6.06					
September....	2.33	6.32	7.95	4.59	.78	1.67					
October	3.92	7.64	6.53	3.89	4.27	4.17					
November	5.72	3.70	3.51	2.27	6.36	6.27					
December ....	.80	8.57	1.59	5.25	4.86	3.95					
TOTALS	41.44	50.95	47.07	38.97	54.72	45.23	No Reply				

RAINFALL AT Shap Hillfield

Lat.

Lon.

County of Westmoreland

Eden
Leven - 1

Rain Gauge, by

Observer A.B. Whiteside Esq

Diameter							5				
Height							10				
Altitude							834 I				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							2.13	1.68	4.57		
February							2.71	6.17	4.57		
March							4.93	9.45	1.31		
April							1.78	3.01	4.61		
May .....							.49	2.01	2.16		
June							3.70	3.23	2.40		
July							3.57	1.51	1.05		
August							2.35	6.83	4.34		
September....							7.86	5.14	1.22		
October							6.29	3.92	4.37		
November							1.83	5.81	5.98		
December							6.96	13.51	10.73		
TOTALS							44.60	62.27	47.31		

St. Michaels Ch 80 yards SE
House 28 ft high 48 ft W
1899 January gauge moved to Shap Vicarage.

RAINFALL AT Shap Churchview

Lat.

Lon.

County of Westmorland

Baden
Leven - 1.

Rain Gauge, by

Observer W. W. Wilkinson Esq

Diameter			8								
Height			1 3		1 2		6 1 2				
Altitude			830								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			3.27	1.87	8.30		# 2.53	1.05	3.43		
February			1.66	5.77	10.06		3.92	6.26	2.44		
March			1.12	1.35	4.37		5.48	7.77	2.77		
April			1.10	.47	2.57		1.68	2.70	3.90		
May			5.52	1.82	3.68		.44	1.39	2.19		
June			4.12	3.14	1.98		3.54	2.00	2.39		
July			2.58	2.90	3.28		4.08	1.88	.98		
August			6.89	4.28	2.96		2.02	6.96	4.13		
September			7.10	3.88	.59		6.92	4.50	1.20		
October			6.34	3.46	4.48		5.92	3.00	} 8.51		
November			3.42	2.04	7.72		1.57	5.05			
December ....			.89	6.84	5.45	#	5.58	11.97	9.75	#	
TOTALS . . .			44.01	37.82	55.44		43.68	54.53	41.69		

1896 Shap Church 250 yards E
Fence 5 ft high 9 ft S

Rejected from Survey: 6" too Low

RAINFALL AT Shap Vicarage

Lat. _____ Lon. _____ County of Westmoreland

Eden - 1. Rain Gauge, by _____ Observer Mrs Whiteside

Diameter											5	
Height											2 0	
Altitude											854	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January										#9.63		
February										4.77		
March										3.84		
April										3.37		
May										4.20		
June .....										.99		
July										3.23		
August										1.96		
September										3.77		
October										3.48		
November										5.73		
December										2.49		
TOTALS . . .										47.46		

This gauge was moved from Hillfield in January

Rejected from Survey : 6" too low.

RAINFALL AT

Appleby Ormside

Lat.

Lon.

County of

Westmoreland

Rain Gauge, by

Observer

Rev J. Brunstree

Eden - 1.

Diameter					5						
Height					40						
Altitude					480						
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January					3.77	2.01	1.51	.71	1.99	6.70	
February					4.66	.41	1.69	2.29	3.05	2.87	
March					2.73	3.02	4.41	4.09	.71	2.01	
April					2.17	1.18	1.73	2.02	2.68	2.91	
May					3.45	.42	.62	1.10	1.88	2.34	
June					1.65	2.70	3.39	2.54	2.01	1.45	
July					3.49	7.90	2.82	1.31	1.20	4.32	
August					3.29	4.26	1.78	4.44	3.09	1.20	
September....					.66	1.42	4.33	3.84	.62	4.28	
October					2.60	3.34	3.73	2.61	3.29	2.23	
November....					3.20	4.11	.87	2.73	2.32	2.86	
December					3.03	2.57	3.09	4.75	4.16	1.97	
TOTALS . . .					34.70	33.34	29.97	32.43	27.00	35.14	

RAINFALL AT Appleby Castle Bank

Lat. Lon. County of Westmoreland

Rain Gauge, by Observer C.R. Rivington Esq

Eden - 1.

Diameter	5											
Height	6	1.2										
Altitude	440											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.69	2.85	1.63	1.67	4.96	2.34	1.58	1.11	1.95	6.35	3.113	
February ....	.63	.10	2.48	3.88	5.79	.57	2.05	2.76	2.78	3.75	2.479	
March	1.97	1.43	.62	1.06	2.67	4.16	4.95	5.20	.81	2.43	2.530	
April	1.00	.31	1.34	.59	2.30	1.35	1.97	2.27	3.10	3.02	1.725	
May	2.13	1.71	4.22	2.11	3.09	1.11	.68	1.24	2.02	3.50	2.181	
June	2.45	2.31	4.20	1.92	1.95	1.98	3.09	2.51	2.14	1.71	2.426	
July	1.87	4.67	1.72	3.38	3.37	7.01	3.07	1.11	1.18	4.78	3.216	
August	3.78	6.84	5.90	3.96	3.53	3.81	1.54	4.41	3.29	1.48	3.854	
September	# 1.76	4.64	5.19	3.41	.63	1.50	4.67	4.23	.78	4.89	3.170	
October	2.52	5.96	6.22	3.18	3.45	3.64	4.76	2.41	3.61	2.55	3.830	
November	4.54	2.98	2.57	2.49	4.17	5.00	1.02	2.84	3.03	4.35	3.299	
December ....	.84	5.68	.92	4.44	4.10	3.50	3.71	6.66	5.21	2.30	3.736	
TOTALS	(20.18)	39.48	37.01	32.09	40.01	35.97	33.09	36.75	29.90	41.11	(35.559)	

1891 Appleby S. Michael 1100 ft N NE
Screen 5 1/2 ft high 4 1/2 ft E
Frame " " 10 " N

RAINFALL AT Appleby

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer Dr Armstrong

Eden - 1

Diameter	5										
Height	10										
Altitude	442 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.69	2.73	2.13	1.61	4.67	2.62					
February ....	.63	.07	2.16	3.71	5.51	.54					
March	1.97	1.30	.66	.88	2.51	3.99					
April	1.00	.84	1.23	.50	2.19	1.19					
May	2.13	1.07	4.01	2.03	2.99	.99					
June	2.45	2.15	4.24	1.76	1.90	1.87					
July	1.87	4.52	1.39	3.41	3.23	6.95					
August	3.78	6.91	5.88	3.89	3.51	3.64					
September....	2.43	4.59	5.16	3.23	.60	1.65					
October	1.90	6.97	6.04	3.00	3.39	3.49					
November	4.56	2.87	2.31	2.23	3.99	(8.50)					
December ....	.70	5.82	.81	4.11	3.87						
TOTALS	30.11	39.84	36.02	30.36	38.36	35.43		(140.85)		(35.097)	

RAINFALL AT Lowther Castle [Pewirth]

Lat. Lon. County of Westmoreland

Rain Gauge, by Observer Mr F. Clarke

Eden - 1.

Diameter	8										
Height	3 6					3 0				3 6	
Altitude	750 T									760	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.79	2.85	2.04	1.84	7.96	1.63	2.05	1.05	2.34	7.25	3.680
February ....	.48	.17	2.42	5.06	8.35	1.08	2.06	2.77	3.98	5.00	3.137
March	2.94	1.89	.92	1.65	5.09	4.63	4.96	6.52	1.20	2.76	3.256
April	2.35	1.00	.70	.54	2.40	1.64	2.35	2.30	3.29	2.75	1.932
May	2.87	2.42	3.41	2.08	2.64	1.69	.59	1.19	2.30	3.85	2.304
June	2.71	1.93	4.62	2.03	2.08	.96	3.02	3.07	2.32	.88	2.362
July	2.02	5.04	.80	3.52	3.02	5.53	3.35	1.16	1.46	4.58	3.048
August	3.75	7.07	6.24	4.12	3.70	3.87	1.90	5.98	4.33	1.32	4.228
September	1.69	6.31	5.62	3.71	.57	2.82	6.57	3.90	1.10	5.42	3.771
October	3.22	7.57	6.54	4.05	4.24	4.53	6.47	2.98	3.02	2.41	4.503
November	6.53	4.88	3.08	2.75	6.72	6.67	1.46	3.46	4.11	6.38	4.604
December ....	.50	7.58	.87	5.93	5.24	3.27	4.91	8.83	5.84	1.84	4.481
TOTALS	36.85	48.71	37.26	37.28	52.01	38.32	39.69	43.21	35.29	44.44	41.306

Rejected from Survey: 6" too low.

RAINFALL AT Great Strickland Greencroft
Lat. Lon. County of Westmoreland
Rain Gauge, by Observer Mrs Whitehead

Eden - 1

Diameter										5	
Height										10	
Altitude										634	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January										5.96	
February										4.35	
March										2.69	
April										2.00	
May										2.70	
June .....										.92	
July										5.21	
August .....										.82	
September....										3.68	
October										1.99	
November....										5.17	
December										2.14	
TOTALS										37.63	

Great Strickland Church 400 yards NE
Trees 5 ft high 15 ft SW

RAINFALL AT Ullswater Swarth Fell

Lat. _____ Lon. _____ County of Westmoreland

Eden -1 Rain Gauge, by _____ Observer E. J. Symons Esq F.R.S

Diameter		<u>5</u>									
Height		<u>13</u>									
Altitude		<u>1000^{ft}</u>									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	<u>10.50</u>	<u>4.40</u>									
February	<u>1.00</u>	<u>3.0</u>									
March	<u>3.00</u>	<u>2.20</u>									
April	<u>1.25</u>	<u>3.00</u>									
May	<u>3.00</u>	<u>3.50</u>									
June	<u>3.50</u>	<u>2.00</u>									
July	<u>3.50</u>	<u>4.20</u>									
August	<u>11</u>	<u>10.30</u>									
September....		<u>8.50</u>									
October		<u>9.50</u>									
November		<u>6.20</u>									
December		<u>11.70</u>									
TOTALS		<u>65.80</u>									

1890 August gauge maliciously damaged.

RAINFALL AT Ullowater Sharrow Bay

Lat. Lon. County of Westmoreland

Rain Gauge, by Eden - 1 Observer Mr A. Greenlees
Mr E Helps

Diameter							5				
Height							7				
Altitude							500		600		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January							2.84	1.25	4.39	9.14	
February							2.70	4.20	4.25	6.30	
March							6.20	8.40	4.30	3.70	
April							2.20	2.20	2.20	3.52	
May .....							.36	1.84	2.50	4.15	
June							3.80	2.43	3.90	.50	
July							3.20	1.45	1.40	4.50	
August							2.30	8.10	5.03	2.15	
September							6.70	4.66	1.80	5.50	
October							6.50	4.00	4.35	3.50	
November							1.92	3.75	5.05	3.94	
December							5.70	11.55	7.50	2.65	
TOTALS							44.42	53.83	46.67	49.55	

RAINFALL AT Ullswater Swarth Fell

Lat. Lon. County of Westmoreland

Rain Gauge, by

Observer G. J. Symon Esq FRS

Eden - 1 Monthly

Diameter	5										
Height	1 0	1 3									
Altitude	1000 ^f										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	12.00	4.40	3.00	3.40	8.00	2.50	3.00	1.70	4.50	9.50	5.200
February	1.10	.30	3.00	4.70	11.00	.70	3.30	4.00	4.50	5.50	3.810
March	2.30	2.20	1.00	4.50	4.50	6.00	7.30	8.90	1.00	3.00	4.070
April	1.40	3.00	1.30	.50	4.10	3.10	.90	3.30	4.40	3.50	2.550
May	3.00	3.50	3.80	2.00	4.70	1.50	.30	1.70	2.20	3.70	2.640
June	3.60	2.00	4.50	3.00	2.50	.70	4.10	2.70	3.50	1.30	2.790
July	3.70	4.20	2.70	4.00	2.50	6.00	4.00	1.30	1.50	3.60	3.350
August	4.40	10.30	9.50	4.50	4.70	6.50	2.00	9.50	6.00	.60	5.800
September....	4.70	8.50	5.50	4.10	.30	.30	7.50	5.20	2.00	5.30	4.340
October	2.90	9.50	7.50	5.40	8.00	5.00	6.50	4.40	5.00	3.50	5.770
November	8.00	6.20	(4.00)	3.00	6.50	9.20	2.00	4.20	5.50	8.80	(5.740)
December ....	.40	11.70	1.30	8.00	5.60	4.50	7.00	14.50	10.00	3.00	6.600
TOTALS	47.50	65.80	(47.10)	47.10	62.40	46.00	47.90	61.40	50.10	51.30	(52.660)

1892 November. Gauge believed to have been tampered with, amount computed

RAINFALL AT Patterdale Hall

Lat. Lon. County of Westmoreland

Rain Gauge, by Observer Mr A Milne
Eden - 1.

Diameter	7										
Height	1 3										
Altitude	4907										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	17.53	7.46	5.96	4.57	14.09	3.85	5.44	2.09	6.26	15.33	8.258
February	1.67	.66	3.77	11.99	16.35	1.41	5.36	7.49	7.99	8.85	6.554
March	5.49	5.42	2.66	4.85	8.01	7.04	12.19	16.12	2.47	6.87	7.112
April	2.52	4.67	1.52	.92	3.64	5.06	3.65	5.03	8.35	7.52	4.288
May	4.50	4.16	7.78	3.06	5.38	.64	.64	3.33	3.71	6.18	3.938
June	5.38	2.56	5.45	3.44	3.26	1.77	5.03	5.91	5.39	1.44	3.963
July	6.52	4.56	5.59	5.84	3.53	7.99	5.39	2.76	1.77	5.10	4.905
August	6.83	15.87	10.42	7.48	7.20	8.04	3.43	12.80	7.96	1.86	8.189
September....	5.74	13.04	12.31	6.77	.43	3.29	11.85	7.15	3.77	8.93	7.328
October	3.92	15.40	9.85	9.29	10.43	7.43	11.29	6.37	8.40	7.97	9.035
November	13.29	10.88	8.08	5.31	14.99	11.80	3.14	10.76	11.04	13.92	10.321
December ....	.47	20.64	2.92	14.28	10.80	7.24	10.73	19.43	17.74	4.81	10.906
TOTALS	73.86	105.32	76.31	77.80	98.11	65.56	78.14	99.24	84.85	88.78	84.797

RAINFALL AT Patterdale Greenside Mine

Lat. _____ Lon. _____ County of Westmorland

Rain Gauge, by _____ Observer Mr T. Taylor
Eden - 1. W. St. Borlase Esq

Diameter	7										
Height	16								2.1	1.6	
Altitude	1000 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	17.19	9.65	5.56	5.00	15.39	13.50	5.66	1.56	9.81	18.66	
February	1.83	.98	4.94	10.23	16.74		4.93	9.52	10.51	8.51	
March	6.52	6.45	2.47	3.51	7.20		12.26	18.56	3.84	6.78	
April	2.02	2.71	2.09	1.47	3.33	15.50	4.70	5.22	7.79	8.41	
May	4.86	6.00	7.24	2.94	7.96	1.66	.86	3.68	5.24	7.34	
June	6.16	3.35	6.16	5.13	3.77	1.67	4.92	4.26	6.80	1.96	
July	8.92	6.49	5.51	6.00	3.40	8.24	7.35	3.50	2.48	5.52	
August	9.19	14.99	11.53	7.92	7.21	9.48	3.54	14.30	10.02	2.25	
September	9.78	18.26	13.00	7.59	.29	3.70	13.33	11.77	4.38	9.09	
October	7.53	12.43	10.55	9.27	9.67	9.05	10.94	7.50	8.07	9.05	
November	14.95	9.67	7.38	6.29	13.46	13.33	4.29	11.18	10.85	14.08	
December ....	.33	21.03	3.50	14.88	9.30	8.50	10.15	19.65	20.72	4.99	
TOTALS	89.28	112.01	79.93	80.23	97.72	74.63	82.93	110.70	100.51	96.64	92.458

1890 Patterdale Church 2 miles SE
{ 1895 Jan'y to April Record lost owing to death of Obs?
estimated

RAINFALL AT *Grisdale Rushwaite Lodge*

Lat. Lon. County of *Westmoreland*

Rain Gauge, by *Eden - 1.* Observer *W. A. Milne*

Diameter	8										
Height	16										
Altitude ....	...	1750									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	22.10	8.64	8.10	5.75	18.17	3.33	7.90	2.13	9.78	18.31	10.421
February	2.20	.88	3.80	11.40	18.88	1.46	8.19	12.96	10.46	9.86	8.009
March	6.16	4.55	2.47	4.59	8.30	10.47	12.70	17.96	2.73	8.56	7.849
April	3.40	6.02	1.76	1.34	4.00	5.95	4.17	6.95	9.33	10.81	5.373
May	6.02	4.98	6.91	4.53	8.58	.35	.71	4.90	4.59	7.65	4.922
June	7.94	3.15	6.50	5.40	5.00	1.93	5.95	5.47	7.19	2.13	5.066
July	9.53	7.58	6.96	7.76	6.20	9.65	8.04	4.06	2.03	6.63	6.844
August	8.46	21.32	13.92	10.02	8.92	11.38	5.93	16.85	12.06	2.95	11.181
September....	6.08	17.35	15.60	8.76	.14	4.60	16.40	11.33	5.69	9.53	9.548
October	8.93	16.06	11.33	11.15	11.75	8.34	12.30	8.38	9.23	11.58	10.905
November	18.40	12.63	10.83	6.17	18.79	13.79	3.53	14.19	13.28	15.93	12.754
December	1.02	23.39	3.67	(16.00)	12.40	8.62	13.32	22.45	23.28	4.98	12.913
TOTALS	100.24	126.55	91.85	92.87	121.13	79.87	99.14	127.63	109.65	108.92	105.785

1893 December Gauge tampered with amount estimated
by S. A. Marshall and approved by G. J. S.

RAINFALL AT Milburn

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer

Miss Robinson

Eden - 1

[illegible]

RAINFALL AT Downess Fallbarrow

Lat. Lon. County of Westmoreland

Leven Rain Gauge, by Observer H. E. Rawson Esq
C. S. J.

Diameter	8										
Height	1 0										
Altitude	135 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.32	5.32	7.54	3.00	8.96	4.61	5.31	1.40	6.92	10.23	6.361
February ....	.96	1.12	2.86	10.21	12.11	1.56	5.09	5.68	6.93	5.33	5.185
March	5.88	3.03	1.87	2.27	4.53	6.04	8.33	9.95	2.41	4.42	4.873
April	2.20	3.78	1.75	.99	2.56	4.07	2.04	3.48	5.73	6.02	3.262
May	3.84	2.41	6.23	3.18	3.93	.48	.53	2.92	3.09	5.13	3.174
June	5.38	1.99	3.77	2.26	3.59	2.06	3.05	4.39	4.14	2.23	3.286
July	5.44	3.34	3.51	3.91	4.40	6.51	6.46	2.58	1.21	4.12	4.148
August	5.33	11.42	9.65	6.15	4.77	6.03	3.51	6.92	10.07	2.07	6.592
September	5.41	8.13	11.53	5.85	.22	2.22	8.73	5.92	3.56	7.00	5.857
October	4.21	7.43	6.48	7.70	7.06	6.13	6.68	3.91	6.27	5.56	6.143
November	10.75	7.43	6.46	3.39	8.78	6.58	2.10	7.19	7.42	6.29	6.639
December ....	.65	12.46	4.54	8.72	8.93	7.37	9.37	12.31	9.82	4.30	7.847
TOTALS	60.37	67.86	66.19	57.63	69.84	53.66	61.20	66.65	67.57	62.70	63.367

RAINFALL AT *Windermere Hummerbank*

Lon.

County of _____

Westmoreland

Rain Gauge, by

Observer:

H. Louth

Leven - 2

[illegible]

RAINFALL AT *Windermere Woodland Tenace*

Lat.

Lon.

County of *Westmorland*

Snowdon Rain Gauge, by

Observer *Rev J. Mackereth*

Lesson - 2

Diameter	5										
Height	6 5										
Altitude	370		376								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.74	4.79	6.63	2.54	8.00	2.95	4.95				
February ....	.90	.87	2.12	8.59	11.45	.72	5.00				
March	5.61	2.30	1.41	1.96	4.18	6.09	7.42				
April	1.97	2.80	1.56	.83	2.20	3.76	2.11				
May	3.44	1.96	5.67	3.01	3.67	.42	.52				
June	5.18	1.73	3.56	1.94	3.13	2.00	2.60				
July	5.23	3.35	3.99	4.08	3.68	7.25	5.99				
August	4.82	10.84	8.57	5.57	4.37	5.86	2.23				
September....	5.84	7.53	11.38	5.74	.19	1.91	7.48				
October	3.50	6.78	5.86	6.95	6.38	5.28					
November	8.97	6.45	6.01	3.37	8.21	6.43					
December ....	.56	11.01	3.95	7.83	7.88	6.42					
TOTALS	55.76	60.41	60.71	52.41	63.34	49.09					

Rejected from Survey: 5" too low

RAINFALL AT *Little Langdale Fell Foot*

Lat. Lon. County of *Westmoreland*

Leven - 2 Rain Gauge, by Observer *S. A. Marshall Esq*
W. E. Tyson

Diameter	5										
Height	2 2										
Altitude	380										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	17.30	8.00	14.10	5.55	18.50	5.20	10.10	2.50	17.00	17.55	11.580
February	1.50	2.70	4.40	16.30	19.50	1.85	8.50	9.60	14.35	9.00	8.770
March	11.00	7.10	2.35	6.45	8.60	10.10	17.90	16.85	6.00	4.50	9.085
April	4.20	5.30	3.85	1.30	2.80	7.00	5.80	6.05	9.30	10.30	5.590
May	6.25	3.70	10.00	4.00	8.60	.60	.65	4.70	6.15	6.80	5.145
June	10.50	3.00	6.30	4.35	2.70	2.00	5.25	9.25	8.00	2.30	5.365
July	9.00	4.85	6.15	6.50	6.70	8.70	8.45	6.40	4.00	5.20	6.685
August	8.60	21.80	12.50	10.10	11.00	12.70	6.85	17.40	16.70	2.70	12.045
September	13.65	14.15	18.20	11.15	.10	3.25	14.20	9.65	6.30	10.90	10.155
October	10.50	14.35	10.80	15.70	12.70	10.40	11.45	8.90	9.20	7.50	11.150
November	21.90	11.25	9.85	11.15	17.40	11.00	3.55	15.10	12.10	17.10	13.040
December .....	.70	20.40	9.80	16.20	11.85	12.50	16.30	20.65	18.20	8.30	13.490
TOTALS	115.10	116.60	108.30	108.75	120.45	85.30	109.00	127.05	127.30	102.15	112.000

RAINFALL AT Ambleside Skelwith Bridge

Lat.

Lon.

County of Westmoreland

Home made Rain Gauge, by Leven - 2.

Observer A. J. Adams Esq

Diameter			5								
Height						1 8					
Altitude						1905					
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		7.69	9.36	3.99	13.23	3.37	6.53	2.20	10.72	14.98	
February		1.43	3.37	12.57	16.72	1.53	5.67	8.08	10.76	7.62	
March		4.52	2.91	3.93	6.39	7.66	12.78	12.69	3.28	6.82	
April		3.87	2.37	1.16	2.88	4.78	3.88	4.07	7.99	9.41	
May		3.15	7.73	3.53	6.02	.85	.72	3.71	4.51	6.52	
June		2.16	4.51	2.90	3.98	2.09	3.98	6.35	5.60	1.90	
July		4.07	5.43	5.35	6.30	8.40	7.43	4.01	2.11	4.43	
August		15.28	10.49	8.01	6.58	9.05	4.21	11.51	12.19	2.60	
September....	#	6.59	11.97	13.81	6.78	.30	2.33	12.26	7.45	5.10	9.35
October		6.56	10.88	8.23	10.37	9.56	7.46	9.72	5.97	9.58	8.35
November		16.21	9.20	7.74	5.82	14.91	8.77	2.43	14.19	11.41	9.63
December ....		.72	15.90	4.77	12.02	12.04	10.03	12.01	20.41	16.41	5.45
TOTALS		90.12	80.72	76.43	98.91	66.32	81.62	100.64	99.66	87.06	

1895 Brathay Church 1 3/4 miles E
Tree at an angle of 40° hgt 40ft S.W.

RAINFALL AT Ambleside Nook Cottage

Lat. Lon. County of Westmoreland

Levens - 2 Rain Gauge, by Observer M E Hind

Diameter	5										
Height	1 0										
Altitude	227 π										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.56	7.31	8.01	3.40							
February	1.03	1.41	3.25	11.70							
March	5.77	3.66	2.13	3.43							
April	2.33	4.34	1.80	.80							
May	3.58	3.29	7.04	3.22							
June	6.19	2.07	4.32	2.75							
July	5.80	3.75	4.64	4.90							
August	6.20	14.77	10.07	7.35							
September....	6.46	10.97	13.52	6.83							
October	5.95	9.58	8.52	10.68							
November	14.91	8.13	7.00	4.57							
December ....	.73	15.33	4.84	10.83							
TOTALS	72.51	84.61	75.14	70.46							

RAINFALL AT Ambleside Gale House

Lat. Lon. County of Westmoreland

Rain Gauge, by Observer G.A. Johnston Esq M.D.
Leven - 2

Diameter							5					
Height							10					
Altitude							200	250				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January								2.30	8.48	13.09		
February							12.23	8.23	8.39	6.65		
March						9.33	11.36	12.41	2.66	6.05		
April						4.78	2.95	3.92	6.58	8.20		
May						1.58	.76	3.11	3.24	5.83		
June						3.85	4.74	5.54	4.41	1.64		
July						7.19	7.23	3.35	1.80	3.89		
August						7.85	4.26	8.57	11.87	1.72		
September....						4.05	15.01	6.74	3.97	8.13		
October						5.70	8.36	5.15	7.93	7.39		
November						7.27	2.29	11.11	11.30	8.52		
December						9.90	11.57	15.65	14.55	4.84		
TOTALS							80.76	86.08	85.18	75.95		

St Mary's Ambleside 1/4 mile WNW
 Wall 6 ft high 13 ft E
 House 24 " " 35 ft E

RAINFALL AT Elterwater Birch Hill

Lat. Lon. County of Westmoreland

Rain Gauge, by Leven - 2 Observer J Robinson Esq
Major

Diameter ....	...		5								
Height .....	...		1.1								
Altitude	187		243					200			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	15.61	7.22	9.64	5.36	15.31	4.17	6.72	2.15	12.29	15.63	9.410
February	1.27	1.84	3.65	14.55	18.12	.92	5.90	9.64	10.87	7.03	7.379
March	8.40	5.22	2.54	5.06	9.76	8.99	14.57	14.13	4.75	6.06	7.948
April	3.37	4.26	2.12	1.17	3.02	4.50	4.54	4.66	7.62	9.38	4.464
May	4.32	3.07	9.13	3.50	6.24	1.75	.82	4.16	4.72	5.22	4.293
June	7.37	2.31	4.83	2.84	4.67	2.05	4.57	6.60	5.64	2.10	4.298
July	7.47	4.26	5.30	6.28	6.62	8.39	6.81	5.07	2.57	4.04	5.681
August	7.17	15.96	10.71	8.30	8.43	10.70	5.17	13.46	14.19	2.66	9.675
September	8.89	13.83	15.34	8.57	.84	2.24	12.31	8.11	5.27	10.01	8.541
October	7.84	12.29	9.06	13.25	8.91	7.62	11.14	6.92	9.17	5.11	9.131
November	16.76	9.76	9.12	7.81	17.59	9.30	2.59	12.81	11.10	11.20	10.804
December ....	.72	18.46	6.44	13.57	11.14	9.61	13.30	17.05	15.88	5.91	11.208
TOTALS	89.19	98.48	87.88	90.26	110.65	70.24	88.44	104.76	104.07	84.35	92.832

1892 Langedale Church 1 mile N
Shrubbery 12 ft high 35 ft N.

RAINFALL AT Ambleside Lesketh Howe

Lat. Lon. County of Westmoreland

Rain Gauge, by Leven - 2 Observer Wm J Jones Esq
Miss Sharp

Diameter	5										
Height	2 6										
Altitude	175 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.95	7.67	8.30	3.63	12.18	4.06	6.06	1.76	9.19	12.85	7.965
February	1.06	1.47	3.36	11.66	16.45	1.16	6.21	8.39	8.45	6.52	6.473
March	6.27	3.81	2.33	3.58	5.65	8.02	11.26	12.43	2.50	6.01	6.186
April	2.39	4.48	2.00	.79	2.73	4.58	3.09	3.68	6.92	8.46	3.912
May	3.57	2.94	7.15	3.33	5.71	1.04	.73	3.43	3.52	5.87	3.729
June	6.06	2.36	4.53	2.87	3.65	2.23	4.19	5.60	4.75	1.69	3.793
July	6.39	3.52	4.74	4.93	5.71	7.54	7.06	3.42	1.77	4.77	4.985
August	6.20	16.04	10.45	7.56	6.14	8.51	4.23	8.69	12.68	2.43	8.293
September....	6.43	11.20	14.09	6.63	.38	2.76	11.58	6.79	4.27	8.55	7.268
October	6.02	10.50	8.61	10.99	8.05	6.60	9.98	5.61	8.48	8.08	8.292
November	15.98	8.49	7.40	4.60	12.72	8.08	2.69	11.07	10.06	9.17	9.026
December ....	.84	15.81	5.01	11.53	11.72	8.37	11.54	16.78	17.05	5.12	10.377
TOTALS	75.16	88.29	77.97	72.10	91.09	62.95	78.62	87.65	89.64	79.52	80.299

1890—

RAINFALL AT Ambleside Turkestone Pass

Lon.

County of _____

Westmorland

Rain Gauge, by

Observer

Miss Dixon

Leven - 2

[illegible]

RAINFALL AT Grasmere High Close

Lat. Lon. County of Westmoreland

Rain Gauge, by Observer Edw Balme Esq
Leven - 2.

Diameter	8										
Height	0 9										
Altitude	553 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.31	7.34	8.57	4.82	13.95	3.66	6.38	2.14	10.35	13.99	8.451
February	1.22	1.80	3.40	13.25	16.48	2.07	5.41	8.91	9.38	7.04	6.896
March	7.18	4.94	2.75	4.94	7.30	7.60	11.38	12.89	3.51	5.75	6.824
April	3.07	3.46	2.21	1.25	2.82	5.01	3.55	3.85	7.27	8.63	4.112
May	3.94	3.54	8.32	3.15	6.01	1.03	.73	3.79	4.05	6.92	4.148
June	7.24	2.01	4.79	3.12	3.94	1.98	3.90	6.63	4.97	1.91	4.049
July	6.69	4.49	5.05	6.08	5.43	7.78	6.46	4.25	1.93	4.03	5.219
August	7.59	16.29	10.03	8.37	6.90	9.96	4.36	12.43	12.82	2.42	9.117
September....	7.79	12.45	15.02	7.05	.31	2.44	11.10	7.44	5.12	9.73	7.845
October	6.61	11.92	8.75	11.40	8.99	6.89	9.74	6.22	8.09	8.30	8.691
November	16.92	9.27	8.37	5.67	14.99	9.22	2.43	11.40	10.33	10.43	9.903
December ....	.72	17.41	5.43	12.02	9.83	9.54	13.05	16.33	16.07	5.51	10.591
TOTALS	82.28	94.92	82.69	81.12	96.95	67.18	78.49	96.28	93.89	84.66	85.846

586817

RAINFALL AT Dungeon Ghyll New Hotel No 1

Lat. 54° 27' N

Lon. 3° 7' W

County of Westmoreland

No. 1 Rain Gauge, by Leven - 2

Observer S. A. Marshall Esq

Diameter	5										
Height	0 5										
Altitude	310										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	16.97	9.64	12.21	5.86	19.89	5.32	10.19	2.14	14.80	18.04	11.506
February	2.22	2.35	4.46	19.09	25.94	2.56	7.28	12.08	14.88	8.84	9.970
March	11.37	7.83	2.32	5.77	10.42	11.43	14.40	17.15	6.34	7.23	9.426
April	4.16	5.28	3.10	1.67	3.03	7.22	5.55	5.80	9.55	11.27	5.663
May	7.16	5.03	11.03	3.85	7.93	.72	1.09	3.94	5.99	8.36	5.510
June	8.83	2.29	6.83	3.87	5.69	2.01	6.36	7.95	6.73	2.02	5.258
July	7.73	4.70	7.57	7.17	6.81	9.93	8.97	6.06	2.88	4.95	6.677
August	8.60	21.88	13.98	9.41	9.91	12.85	6.04	15.60	17.23	3.02	11.852
September	12.35	15.85	18.04	9.65	.29	2.95	13.93	11.04	8.18	13.28	10.556
October	9.46	15.83	11.71	16.53	12.55	9.24	12.20	8.76	9.53	11.09	11.690
November	23.10	10.52	11.26	9.94	17.22	13.64	4.00	16.20	13.61	14.29	13.378
December ....	.97	22.16	7.53	17.08	11.45	13.54	17.16	20.70	21.06	7.34	13.899
TOTALS	112.92	123.36	110.04	109.89	131.13	91.41	107.17	127.42	130.78	109.73	115.385

MET. O. B. RAINMASTER
RETROSPECTIVE SITE REVIEW

SYD. SIN. NUMBER 586817

NGR: NY(35) 295065

ALT: 310 ft = 94 metres. Date of review: 11.1.1979

586818

New Hotel

RAINFALL AT Dungeon Ghyll No 2

Lat. Lon. County of Westmoreland

Rain Gauge, by Observer S A Marshall Esq

Leven - 2

Diameter	5										
Height	1 7					1 6					
Altitude	311										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	17.00	9.20	12.10	5.75	19.65	4.95	9.85	2.15	14.65	18.10	11.340
February	2.10	2.20	4.35	18.50	25.80	2.50	7.10	11.94	14.78	8.72	9.799
March	11.45	7.90	2.20	5.60	10.20	11.00	13.80	16.95	5.55	7.10	9.175
April	4.20	5.30	3.20	1.60	3.10	7.10	5.45	5.65	9.57	10.25	5.542
May	6.50	5.35	10.90	3.85	7.70	.65	1.00	4.10	5.96	8.28	5.429
June	9.00	2.30	6.60	4.00	5.60	1.95	6.10	7.90	6.70	1.98	5.213
July	7.90	4.60	7.40	6.80	6.60	9.80	8.50	5.95	2.90	4.05	6.450
August	8.80	22.00	14.20	9.50	9.85	12.90	6.00	15.25	17.75	2.96	11.921
September....	12.61	15.75	17.85	9.80	.30	2.80	13.85	9.75	8.50	13.05	10.426
October	9.40	15.65	11.70	16.45	12.50	9.10	11.90	8.01	9.30	10.97	11.498
November	22.95	10.25	10.20	9.85	16.90	12.85	4.10	15.95	13.55	13.87	13.047
December	1.00	21.85	7.40	17.20	10.95	12.45	16.95	20.60	20.75	7.10	13.625
TOTALS	112.91	122.35	108.10	108.90	129.15	88.05	104.60	124.20	129.96	106.43	113.465

MET.O.B. RAINMASTER
RETROSPECTIVE SITE REVIEW

ITD SIN. 586818
TIMBER

NGR: NY(15) 295065

ALT: 311 ft = 95 metres. Date of review: 11.1.79

RAINFALL AT Langdale Mickledon, Head of between Langdale Pikes & Bow Fell

Lat.

Lon.

County of Westmorland

Rain Gauge, by

Observer

S. A. Marshall Esq
Mr. J. Youdell

Leven - 2

Diameter	5											
Height	17											
Altitude	490											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	16.20	8.50	14.20	6.00	19.90	5.20	11.00	2.40	16.40	18.95	11.875	
February	2.20	2.40	6.20	21.00	26.10	6.00	7.50	12.53	16.95	9.05	10.993	
March	14.00	8.00	3.00	6.00	9.40	13.20	16.10	18.25	6.70	8.20	10.285	
April	4.80	5.60	4.30	1.80	3.50	8.85	6.00	6.55	10.86	11.40	6.266	
May	7.60	5.50	12.00	3.70	13.00	.90	1.40	5.75	6.57	8.70	6.512	
June	(11.26)	3.40	8.00	4.85	8.00	2.10	7.50	8.50	6.99	2.07	(6.267)	
July	11.00	5.00	7.90	10.00	8.50	10.20	9.45	7.90	3.50	4.54	7.799	
August	9.95	22.80	18.50	13.20	12.00	14.20	8.20	16.25	18.90	3.63	13.763	
September	17.80	19.20	21.50	13.00	.50	2.95	15.10	14.10	10.00	14.10	12.825	
October	12.30	15.55	12.00	16.90	13.90	11.50	12.40	8.55	11.06	11.44	12.560	
November	24.50	11.00	12.50	11.50	14.50	13.00	4.50	17.00	14.10	14.10	13.670	
December	1.20	22.50	9.00	18.50	11.20	15.40	17.20	19.85	21.90	7.00	14.375	
TOTALS	(132.81)	129.45	129.10	126.45	140.50	103.50	116.35	137.63	143.93	113.18	(127.290)	

1890 June Estimated, gauge tampered with.

RAINFALL AT *Grasmere Pavement End*

Lat.

Lon.

County of *Westmorland*

Rain Gauge, by

Observer

J. A. Green Esq

Leven - 2

Diameter	5										
Height	10										
Altitude	214T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	16.15	8.02	8.26	4.86	15.76	3.63	7.19	2.14	10.47	15.89	9.237
February	1.38	1.34	3.83	13.84	22.62	1.35	5.94	10.46	10.89	7.41	7.906
March	6.93	5.26	2.34	4.14	7.52	8.30	10.80	14.66	3.27	6.13	6.935
April	2.97	3.78	1.99	1.15	2.84	5.36	3.46	4.98	8.17	9.28	4.398
May	4.22	3.62	7.91	3.16	6.17	.62	.71	3.99	4.06	6.53	4.099
June	7.53	2.13	4.89	3.39	3.89	1.96	4.27	6.92	5.64	1.76	4.238
July	7.73	4.77	5.29	7.22	5.25	7.70	7.05	4.45	1.74	4.15	5.535
August	7.77	17.94	10.71	8.73	7.25	11.24	5.47	14.31	14.60	1.89	9.991
September	8.81	13.98	15.90	8.06	.37	2.60	11.76	8.29	5.21	11.31	8.629
October	6.17	13.08	9.81	11.97	10.09	7.16	10.25	6.60	8.01	9.93	9.307
November	17.45	9.64	9.63	5.35	16.47	10.31	2.97	11.64	11.24	12.80	10.750
December ....	.78	18.52	5.17	13.52	10.75	9.62	13.20	18.05	18.65	5.70	11.396
TOTALS	87.89	102.08	85.73	85.39	108.98	69.85	83.07	106.49	101.95	92.78	92.421

1890 St. Oswalds 200 yards E
House 30 ft high 105 ft W

RAINFALL AT

Fairfield

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer

J. A. Green Esq

Leven - 2

Diameter		5										
Height		10										
Altitude		2860										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January		7.00	6.84	5.14	12.25		6.04		6.80	17.90		
February ....		.75	3.20	12.84	11.85	13.05	4.34	25.80		6.42		
March		4.25	2.29	4.99	4.01	18.05	7.87		15.04	4.08		
April		4.70	1.26	.58	3.18	5.00	2.05	3.24	7.27	8.26		
May		3.66	7.40	4.29	6.57	.82	.58	3.13	3.54	6.91		
June		2.93	6.38	4.63	4.76	2.00	5.89	5.16	5.84	2.47		
July		7.08	5.85	7.10	5.07	9.46	5.76	3.71	1.98	5.95		
August		18.77	11.57	8.65	8.78	9.37	5.20	15.41	10.65	2.82		
September		13.35	12.85	7.68	.81	3.88	13.00	10.48	5.42	9.53		
October		11.85	9.82	8.28	9.80	6.79	7.91	6.73	7.23	9.60		
November		7.84	8.32	5.13	12.56	10.27	2.60	9.65	9.35	14.44		
December		16.70	3.60	10.66	7.76	6.45	8.00	13.81	14.75	5.23		
TOTALS		98.88	79.38	79.97	87.40	67.09	69.24	97.12	87.87	(93.61)		

1891 St Oswalds Church 3 Miles S

1899 Oct^r Nov + Dec: amounts are taken from 8" gauge as the
con of gauge was leaking.

RAINFALL AT Fairfield

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer

J. A. Green Esq

Leven - 2.

Diameter	8										
Height	10										
Altitude	2860 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	11.43	7.34	6.22	4.96	12.35		5.85		7.68	15.72	
February	1.15	.88	2.97	12.84	12.49	(13.05)	4.51	25.80		7.07	
March	5.75	2.71	1.82	4.99	3.62	18.05	8.35		15.04	4.34	23.830
April	2.10	4.54	.93	.63	4.00	(5.00)	2.31	3.56	8.04	8.26	
May	5.30	3.91	7.84	4.48	7.21	.70	.51	3.13	3.65	7.66	4.439
June	8.55	3.39	6.60	4.91	5.21	2.00	6.00	5.59	6.65	2.52	5.142
July	8.05	7.20	5.85	7.60	5.62	9.85	5.76	3.71	2.17	6.33	6.214
August	8.65	(18.77)	12.31	9.66	8.89	9.79	5.62	16.10	9.52	2.93	(10.224)
September....	8.40	(13.35)	13.47	7.76	.72	3.97	13.18	10.90	6.06	8.31	(8.612)
October	5.75	(13.20)	10.42	9.18	10.99	6.75	10.20	7.37	8.60	9.60	(9.206)
November....	15.10	10.35	9.20	5.22	13.23	10.98	3.16	11.06	9.92	14.44	10.266
December ....	.97	(16.70)	2.84	10.66	8.35	6.30	10.00	15.33	14.75	5.23	(9.113)
TOTALS	81.20	(102.34)	80.47	82.89	92.68	68.39	75.45	102.55	92.08	92.41	(84.046)

1891 St Oswalds Church 3 Miles S

1891 Aug to Oct. & Dec. Gauge ran over; Aug. Sept. & Dec. readings of 5 in. gauge.

RAINFALL AT Arnside

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer

J. P. Drewett Esq

Kent - 3

Diameter	5										
Height	0 6										
Altitude	20										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	6.73	3.19									
February ....	.66	.28									
March	4.57	1.72									
April	1.61	1.93									
May	3.09	1.59									
June	3.03	1.37									
July	3.59	2.88									
August	5.53	8.23									
September	3.85	5.88									
October	2.43	3.33									
November	6.08	4.55									
December ....	.39	7.35									
TOTALS	41.56	42.30	unreliable								

1890 Arnside Church 300 yards SE
Wall 3 ft 6 in high 20 ft W

RAINFALL AT Witherslack Halecote

Lat. Lon. County of Westmoreland

Rain Gauge, by Observer Rev J E Cross

Kent - 3

Diameter	5										
Height	1 0										
Altitude	100 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.20	3.80	5.76	1.85	4.55	2.86					
February ....	.98	.58	2.08	7.21	8.94	.65					
March	5.00	2.41	1.48	1.86	3.99	4.85					
April	1.80	1.83	1.82	.87	1.77	3.23					
May	3.74	1.63	5.29	3.06	3.64	.70					
June	3.99	1.53	3.24	1.30	3.99	2.52					
July	4.39	3.31	2.23	4.38	2.90	7.81					
August	5.52	10.31	9.75	5.39	5.09	5.15					
September....	5.37	7.05	8.77	6.41	.31	2.29					
October	3.69	4.35	4.57	6.84	5.15	6.07					
November....	7.59	5.22	5.15	2.61	6.55	4.91					
December ....	.58	8.98	3.47	5.04	6.35	4.90					
TOTALS	50.85	51.00	53.61	46.82	53.23	45.94					

RAINFALL AT Kendal Matland Park

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer: Mr Shipley

Kent - 3

Diameter	5										
Height	1 0										
Altitude	260 T			195 T							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.33	4.45	6.31	1.98	4.60	2.37	3.91	1.11			
February ....	.73	.81	2.02	6.80	7.63	.56	3.14	4.05			
March	5.27	2.14	1.14	1.43	3.76	5.18	5.84	7.32			
April	1.64	2.07	1.55	.88	2.28	3.08	1.80	3.06			
May	3.11	2.27	6.06	2.89	4.14	.96	.40	2.13			
June	4.71	1.22	3.67	.94	3.24	2.76	3.54	3.03			
July	4.46	3.77	2.09	4.40	3.82	7.44	4.41	1.77			
August	6.09	11.33	8.68	4.92	4.69	6.78	2.49	5.17			
September	5.14	7.76	8.20	5.91	.46	1.43	6.15	5.43			
October	2.85	4.61	5.01	5.68	4.19	4.58	4.28	2.88			
November	6.92	5.10	4.64	2.38	5.55	4.63	1.64	6.75			
December ....	.59	10.52	3.01	5.01	6.28	5.06	7.24	7.67			
TOTALS	50.84	56.05	52.38	43.22	50.64	44.83	44.84	50.37			

1890 Matland Church 600 yards S

RAINFALL AT Kendal Hill Top

Lat. _____ Lon. _____ County of Westmoreland

Kent - 3. Rain Gauge, by _____ Observer C. J. Hildsworth Esq

Diameter	5.										
Height	1 0										
Altitude	560 B										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.57	4.27	5.29	2.15	5.24						
February ....	.87	.75	1.80	7.97	9.00						
March	5.43	2.28	1.19	1.71	4.29						
April.....	1.87	1.51	1.84	.80	1.92						
May	2.68	2.22	6.90	3.16	3.86						
June	4.10	1.47	4.06	1.24	3.47						
July	4.68	3.63	2.43	4.31	3.35						
August	5.29	12.19	10.38	5.15	4.97						
September....	5.47	7.18	10.21	6.24	.41						
October.....	3.52	4.95	5.54	6.29	4.69						
November....	6.60	4.84	4.97	2.59	5.96						
December ....	.39	9.70	3.22	5.02	6.73						
TOTALS	49.47	54.99	57.83	46.63	53.89						

RAINFALL AT Kendal Natland Vicarage

Lat. Lon. County of Westmoreland

Rain Gauge, by Observer Rev W. Kewley

Kent - 3

Diameter											5	
Height											1 6	
Altitude												
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January										9.51		
February										3.19		
March										2.54		
April										4.16		
May										4.23		
June										1.56		
July										2.89		
August										1.88		
September										4.36		
October										3.23		
November										3.36		
December										2.63		
TOTALS . . .										43.54		

Rejected from survey : 7' too low.

RAINFALL AT Kendal Heln Veir

Lat. _____ Lon. _____ County of Westmoreland

Kent - 3 Rain Gauge, by _____ Observer J.R. Riton Esq. C.E.

Diameter								5			
Height								10			
Altitude								140			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								1.59	5.93	8.83	
February								4.79	5.62	4.20	
March								8.73	1.45	3.43	
April								3.01	4.65	5.12	
May								2.42	2.64	4.37	
June								3.77	3.18	1.57	
July								1.61	.75	4.30	
August								5.32	9.51	2.37	
September . . .								6.60	2.05	5.68	
October								2.94	5.21	4.35	
November								7.20	5.89	4.01	
December								9.06	9.50	2.96	
TOTALS								57.04	56.38	51.19	

Holy Trinity Church 260 yards N
House 12 ft high 23 ft SE
Greenhouse 6 " 9 " NE

RAINFALL AT Kendal Holmcroft

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer R. Rhodes EsqKent - 3

Diameter		5		5				5			
Height		1 - 3		1 - 3				1 3			
Altitude		160		176				176			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January		1.76	4.24		6.64	2.89	4.56	79	5.98	9.51	
February ....		.57	1.80	7.75	8.96	.45	2.78	4.94	5.89	4.18	
March		2.31		2.35	4.65	5.08	8.03	8.77	1.85	3.01	
April		1.38		.82	1.68	2.02	1.63	2.20	4.89	5.49	
May		2.68	5.57	3.18	3.73	1.36	.37	2.42	2.88	4.48	
June		1.18	4.50	1.07	3.42	2.89	3.32	3.22	3.31	1.56	
July		4.03	2.46	5.32	3.39	7.23	4.78	1.91	.86	3.66	
August		8.68	9.98	5.24	4.99	7.10	2.21	5.10	9.30	2.10	
September		6.17	9.11	6.96	.36	1.35	7.30	6.52	2.07	6.37	
October		6.34	6.92	6.12	3.41	6.08	4.43	3.10	5.85	4.29	
November		4.28	4.61	3.02	6.57	4.99	1.98	7.09	6.68	3.90	
December		2.23	3.89	5.94	5.88	5.27	9.05	9.04	7.47	3.53	
TOTALS		41.61			53.68	46.71	50.44	55.10	57.03	52.08	

1892 June 25th Gauge moved 1/4 mile N to Holmcroft

1898 Kendal Church 300 yards S E

House 30 ft S

Wall 8 ft high 16 to 30 ft N.E.W

METEOR. RAINMASTER
RETROSPECTIVE SITE REVIEWHYD. STN.
NUMBER 585691

NGR: SD(3A) 510920

ALT: 176 ft = 54 metres.

Date of review: 12/10/78

St George's Church == / Site 2 / ==

RAINFALL AT Kendal, Kent Terrace Iny Gorth

Lat. Lon. County of Westmoreland

Kent. - 3 Rain Gauge, by Observer R. J. Nelson Esq

Diameter	5										
Height	4 0		1 6								
Altitude	146 T				176		146				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.00	4.16	6.87	2.01	5.51	2.70	4.20	1.04	6.06	8.48	5.003
February ....	.86	.78	1.93	7.36	9.30	.97	3.34	4.65	5.50	4.00	3.869
March	5.10	2.20	1.23	1.74	4.06	5.51	6.98	8.36	1.38	3.23	3.979
April	1.74	2.24	1.35	.86	1.71	2.79	1.98	2.94	4.70	4.86	2.517
May	2.75	2.28	5.90	2.56	3.74	1.00	.41	2.25	2.67	4.56	2.812
June	4.01	1.02	3.81	1.08	3.25	2.84	3.19	3.45	3.10	1.59	2.734
July	4.46	3.66	2.03	4.71	3.55	7.75	4.28	1.61	.80	3.25	3.610
August	5.16	10.20	9.54	4.93	4.83	6.91	2.45	5.33	8.95	2.63	6.093
September	4.82	7.07	10.00	6.27	.33	1.24	6.43	6.10	2.05	5.29	4.960
October	3.25	5.37	5.40	6.17	4.42	5.67	4.46	2.92	5.04	4.10	4.680
November	6.47	5.20	4.88	2.43	6.30	5.24	1.75	7.20	5.27	4.20	4.894
December ....	.51	9.71	2.81	5.67	7.11	5.30	8.62	8.79	7.31	3.09	5.892
TOTALS	48.13	53.89	55.75	45.79	54.11	47.92	48.09	54.64	52.83	49.28	51.043

Kyde Sta. no. 45- 585681

NGR. SD (34) 5.3928

alt 44m

RAINFALL AT *Kendal St. George's Vicarage*

Lat.

Lon.

County of *Westmoreland*

Rain Gauge, by

Observer *Rev. G. Crewdson*

Kent - 3

Diameter	5										
Height	8										
Altitude											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	9.17	4.58	6.32								
February ....	.97	.86	1.98								
March	5.23	2.21	1.17								
April	1.47	(2.20)	1.73								
May	2.30	(2.69)	6.07								
June	3.76	1.16	3.81								
July	5.41	3.69	2.20								
August	5.03	9.77	6.85								
September	4.88	7.99	9.28								
October	3.45	4.67	5.62								
November	6.77	5.02	5.01								
December ....	.46	9.57	2.95								
TOTALS	48.90	(54.41)	52.99								

1891 April 9th to May 4th from the Kent Terrace record
part of the original register having been destroyed.

RAINFALL AT Kendal Underfell

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer W. H. Newdson Esq

Kent - 3

No 2

Diameter			8								
Height			10								
Altitude			300 B								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January			6.89	2.35	5.98	2.63					
February			2.04	7.24	9.36	.96					
March			1.43	2.02	3.90	5.94					
April			1.49	.92	1.61	2.96					
May			4.57	2.86	3.84	.83					
June			3.72	.94	3.99	2.74					
July			2.28	4.54	4.13	7.50					
August			9.51	5.37	3.97	7.30					
September....			9.78	6.74	.38	1.45					
October			5.59	6.41	4.59	6.08					
November....			5.09	2.69	7.12	5.51					
December			3.27	4.08	7.52	5.54					
TOTALS			55.66	46.16	56.39	49.44					

Same gauge in same position as in Mr Wilson's time.

RAINFALL AT

Kendal Underfell

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer W. H. Crewdson Esq

Kent - 3 No 3. Monthly

Diameter			8									
Height			10									
Altitude			300 B									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January			7.11	2.21								
February			1.81	6.46								
March			1.20	1.68								
April			1.40	.59								
May			4.01	2.69								
June			2.81	.60								
July			2.00	4.11								
August			9.70	4.93								
September			9.57	6.60								
October			5.87	6.21								
November			4.94	2.01								
December			3.12	5.30								
TOTALS			53.54	43.39								

Same gauge in same position as in Mr. Wilsons time

RAINFALL AT Kendal Hawesmead

Lat. Lon. County of Westmoreland

Rain Gauge, by Observer G. F. Braithwaite Esq

Kent - 3.

Diameter	8										
Height	0	6									
Altitude	175	π									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	8.62	4.42	6.87	2.05	5.36	2.68	4.32	1.12	5.87	8.42	4.973
February ....	.85	.86	1.93	7.72	8.90	.97	3.07	4.49	5.58	4.06	3.837
March	4.90	2.08	1.23	1.81	4.15	5.34	7.27	8.56	1.50	3.30	4.014
April	1.66	1.93	1.48	.86	1.42	3.03	1.85	2.98	4.55	4.83	2.459
May	2.84	2.11	6.39	2.74	3.71	.94	.40	2.22	2.42	4.38	2.815
June	4.00	1.13	3.70	.83	3.10	2.68	3.33	3.62	3.11	1.66	2.716
July	4.48	3.76	2.21	4.27	3.57	7.52	4.60	1.68	.74	3.18	3.601
August	5.43	9.84	9.90	4.99	4.90	6.77	2.52	5.00	9.55	2.20	6.110
September....	4.65	6.84	8.98	6.26	.31	1.36	6.48	6.30	2.09	5.36	4.863
October	3.13	4.97	5.46	6.07	4.04	5.57	4.51	2.95	5.00	4.13	4.583
November	6.54	5.01	4.94	2.44	5.72	5.29	1.81	7.55	5.72	4.25	4.927
December ....	.53	9.15	3.20	5.56	6.91	5.39	8.56	8.97	7.33	3.22	5.881
TOTALS	47.63	52.04	56.29	45.60	52.09	47.54	48.72	55.44	53.46	48.99	50.780

1890 Kendal Church 3/4 mile NE 1880 —
Shrubs 8 ft 10 high 10 ft rainier

RAINFALL AT Kendal Ellergreen

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer J. Cropper Esq

Kent - 3

Diameter	5										
Height	1 3				1 6						
Altitude	270 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.50	4.92	7.17		7.02	3.11	4.94	1.40	6.70	10.11	
February ....	.87	.87	2.31		10.63	.85	4.19	5.19	6.61	5.45	
March	5.94	2.57	1.36		4.28	5.64	8.59	10.10	1.68	3.41	
April	1.99	2.43	1.77	.98	2.50	3.27	2.01	3.23	5.51	5.82	
May	3.18	2.40	6.70	2.64	4.35	.73	.49	2.81	3.03	5.78	
June	4.07	1.38	4.21	1.56	3.72	2.60	3.94	4.36	4.08	1.61	
July	5.35	3.70	2.99	4.70	3.95	8.88	3.99	2.07	1.26	4.08	
August	5.84	11.93	9.53	4.96	5.09	7.05	2.62	6.20	10.85	2.05	
September....	3.11	7.58	11.19	5.79	.37	1.85	8.56	6.80	2.74	7.09	
October	5.28	6.42	6.19	6.20	5.69	6.33	6.19	3.34	6.02	5.43	
November	7.00	5.35	5.99	3.19	7.84	6.26	2.09	8.23	6.37	4.83	
December	1.01	11.18	3.59	6.74	7.75	6.21	9.70	10.58	9.27	3.50	
TOTALS	54.14	60.73	63.00		63.19	52.78	57.31	64.31	64.12	59.16	

1890 Burnerside Church 1/4 mile E

Tree 36 ft high 69 ft N

" 30 " 90 " S

1893 Record for first three months accidentally burnt

RAINFALL AT Longsleddale Parsonage

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer ^{Wms} Rev W Burrows

Kent - 3

Diameter	5										
Height	6 0										
Altitude	512 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	13.61	6.75	8.72	3.22	9.92	3.95	6.83				
February	1.18	1.44	3.15	11.41	14.13	1.00	3.72				
March	7.11	3.44	1.76	3.59	5.79	7.31	9.38				
April	3.06	1.93	2.25	.70	2.80	4.00	3.08				
May	4.25	3.96	8.67	3.06	5.29	.60	.49				
June	6.77	2.19	4.60	3.81	4.23	2.37	4.02				
July	6.59	4.87	4.86	5.25	4.01	9.20	5.64				
August	6.38	13.61	10.82	6.46	6.28	7.72	3.73				
September....	7.15	9.93	15.98	7.16	.52	2.19	9.47				
October	5.12	8.11	7.44	7.67	7.21	6.67	7.61				
November....	11.94	7.38	7.29	5.27	10.77	8.09	2.59				
December ....	.81	14.40	5.06	9.89	9.91	7.15	9.65				
TOTALS	73.97	78.01	80.60	67.49	80.86	60.25	66.21				

St Mary's Church

RAINFALL AT *Kirkby Lonsdale*

Lat.

Lon.

County of _____

Westmoreland

Rain Gauge, by

Observer

Mr W. Harrison

June - 4

[illegible]

RAINFALL AT Kirkby Lonsdale

Lon.

County of _____

Westmoreland

Observer

R. Affante

for
June - 4

[illegible]

RAINFALL AT Kirkby Lonsdale

Lat. Lon. County of Westmoreland
Rain Gauge, by Observer J. R. Picard Esq

June 4

Diameter								7			
Height								8			
Altitude										215	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								# .92	6.04	7.10	
February								4.39	5.17	2.78	
March								7.08	1.76	2.39	
April								3.00	3.76	4.16	
May								2.35	2.42	3.55	
June								4.04	3.40	1.48	
July								2.38	1.60	2.76	
August								6.60	8.74	1.96	
September....								4.81	2.36	6.23	
October								2.28	4.43	4.02	
November....								5.25	4.89	4.02	
December								7.10	6.09	3.85	
TOTALS								50.20	50.66	44.30	

1899 Kirkby Lonsdale Church 150 yards NE

581631

3726

RAINFALL AT Kirkby Lonsdale Barbon Manor

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer

Mr J Kidda Ford EqJune - 4

Diameter							6				
Height							13				
Altitude							650T				
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January						#	4.25	1.27	4.76	7.16	
February							2.41	4.32	3.58	3.12	
March							7.63	7.16	1.85	2.35	
April							1.91	2.65	4.20	5.11	
May							47	2.15	1.98	4.01	
June							5.00	4.25	3.91	1.97	
July							4.59	2.07	1.40	4.75	
August							2.57	7.05	6.89	1.72	
September							7.12	4.50	2.45	5.30	
October							4.29	2.18	4.27	3.74	
November							1.70	4.46	4.29	3.61	
December							7.83	6.76	5.64	3.86	
TOTALS							49.77	48.82	45.22	46.70	

Barbon Church $\frac{1}{2}$ mile W.S.W
 Tree 15 ft high 90 ft NE

MET.O.8 RAINMASTER
 RETROSPECTIVE SITE REVIEW

HYD STN. 581631
 JUMBER

NGS: SD(34) 639829

ALV: 650 ft 198 metres, Date of review: 10.1.1979

Rejected from Survey: 3" too low.

RAINFALL AT *Kirkby Lonsdale Barbon*

Lat.

Lon.

County of *Westmoreland*

Rain Gauge, by

Observer *Miss Wilkinson*

June - 4

Diameter								5			
Height								10			
Altitude								310	240		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January								1.07	5.78	8.13	
February								5.07	4.94	3.06	
March								8.21	1.86	2.40	
April								3.07	4.14	4.95	
May								2.55	2.35	4.04	
June								4.23	3.76	1.12	
July								2.22	1.33	4.38	
August								7.11	7.74	1.35	
September								4.79	2.75	6.01	
October								2.25	4.25	3.93	
November								5.27	5.20	3.61	
December								7.42	6.61	4.17	
TOTALS								53.26	50.71	47.15	

St Bartholomew Ch 400 yards NE
Outhouse 10 ft high 20 ft W

RAINFALL AT Orton Vicarage

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer Rev E. Holme

June - 4

Diameter	5										
Height	3 6										
Altitude	770 ^T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	10.95	5.39	4.43	2.54	8.59	2.50	4.54	1.43	5.87	12.64	5.888
February ....	.61	.47	1.92	8.84	15.35	.72	3.74	7.05	5.27	5.58	4.955
March	4.16	2.11	1.23	2.66	5.84	7.62	7.65	9.69	2.05	4.13	4.714
April	2.02	1.67	1.45	.58	2.80	3.18	1.63	3.48	4.81	5.07	2.669
May	2.98	2.51	6.62	2.72	4.89	.64	.58	2.06	2.29	4.13	2.942
June	4.07	1.81	4.20	1.80	2.92	2.62	3.54	3.05	3.31	.90	2.822
July	3.91	5.59	2.87	3.60	3.61	7.58	4.11	2.40	.88	4.60	3.915
August	4.48	11.45	9.04	5.45	3.88	6.69	2.54	5.97	7.15	1.54	5.819
September....	4.16	7.85	12.06	4.62	.61	1.93	6.90	6.91	1.97	4.44	5.145
October	2.39	7.40	6.73	4.94	5.60	4.58	6.19	3.72	5.49	4.40	5.144
November....	8.04	5.60	5.05	2.38	8.61	6.95	1.85	6.71	5.58	6.16	5.693
December ....	.75	13.11	2.31	7.95	6.98	5.27	7.01	12.30	12.48	2.62	7.048
TOTALS	48.52	64.96	57.91	48.08	69.68	50.28	50.28	64.77	57.15	56.21	56.784

1890 Orton Church 300 yards W
Heels 1300 ft high 1/2 mile N

RAINFALL AT Ravenstonedale Browner

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer J. Fothergill Esq

June - 4.

Diameter	5										
Height	30										
Altitude	826 T										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	7.94	3.56	2.80	2.29	5.16	2.13	2.38	1.16	3.96	9.12	4.050
February ....	.84	.16	1.71	6.82	8.87	.32	2.01	4.71	4.13	5.27	3.484
March	3.03	1.84	.80	1.80	4.51	5.56	6.02	7.31	1.76	2.89	3.552
April	1.65	1.47	1.78	.67	2.11	2.88	1.36	3.24	3.60	3.64	2.240
May	3.07	3.08	5.43	2.05	4.10	.72	.70	1.78	2.70	3.51	2.714
June	3.42	1.96	4.50	1.67	2.46	2.28	3.80	2.49	3.05	1.79	2.742
July	2.98	5.69	2.40	4.31	3.15	7.34	3.02	2.15	1.07	4.24	3.635
August	4.36	7.68	7.27	4.49	3.61	6.36	1.97	5.06	5.79	1.67	5.026
September	3.66	5.82	8.55	3.92	1.07	1.09	5.95	5.26	1.23	4.55	4.110
October	1.83	6.36	5.80	4.02	5.01	4.03	4.47	2.92	4.93	4.04	4.341
November	6.21	3.90	3.50	2.68	5.33	6.13	1.28	4.48	3.77	5.36	4.264
December ....	.31	8.52	1.07	5.08	4.81	2.85	4.89	7.41	7.28	2.65	4.487
TOTALS	39.30	52.04	45.61	39.80	50.19	41.69	37.85	47.97	43.27	48.73	44.645

1880 -

Rejected from Survey: 8" too low.

