

Rainfall at Kendal

1790

Observer J Dalton D.C.L.

Gauge 10" dia.

Abor Sea level

YEAR --	1780	1781	1782	1783	1784	1785	1786	1787	1788	1789	MEANS.
January --											5.62 7.34
February - -											3.31 8.92
March - - -											2.82 1.35
April - - -											2.90 4.78
May - - - -											1.19 5.39
June - - - -											2.31 4.31
July - - - -											7.03 6.39
August - - -											3.09 1.56
September -											4.68 5.44
October - -											2.12 6.86
November -											3.05 5.45
December -											1.14 12.05
TOTALS -											39.26 69.84

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8-9 Dalton's Essays

Kendal

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J. Gough Esq

YEAR - -	1787	1788	1789	MEANS.
January - -				5.82 6.90
February - -				3.21 9.21
March - - -				3.16 1.15
April - - -				4.17 4.53
May - - -				1.29 5.56
June - - -				3.64 2.54 4.24
July - - -				5.55 7.74 5.22
August - -				5.46 3.29 1.49
September -				2.23 5.70 5.87
October - -				8.87 2.35 6.42
November -				4.53 3.43 6.25
December -				4.90 1.01 13.94
TOTALS -				43.71 70.78

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Kendal

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J. Gough Esq

YEAR - -	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January - -	6.84	8.03	5.76	6.37	7.30						
February - -	5.67	6.21	5.36	8.09	13.47						
March - - -	1.52	3.41	6.49	4.57	4.53						
April - - -	2.23	4.59	10.03	1.56	4.18						
May - - -	2.46	4.20	6.30	1.88	2.00						
June - - -	3.98	3.26	3.65	3.35	1.46						
July - - -	7.68	6.19	5.71	3.59	4.16						
August - - -	6.34	4.83	7.21	6.68	5.34						
September - -	6.71	3.04	10.83	2.40	7.67						
October - -	4.86	5.17	5.78	5.35	7.33						
November - -	5.01	6.58	5.74	3.61	6.01						
December - -	9.82	7.84	12.69	7.24	6.20						
TOTALS -	61.12	63.35	83.55	54.69	69.65	56.25	45.75	56.83	54.63	56.93	102.75

$$1800 = 18.20$$

$$1 = 50.61$$

Mean Mem - 6.62875

4  
790

RAINFALL AT Kendal

From Meteorological Observations & Essays by John Dutton  
12.36.

Observer John Dutton, Esq., F.R.S.

Rain { By.....  
Gauge { .....  
Diameter 10 in. Height above Ground, .....ft. ....in. Above Mean Sea Level .....ft.

YEAR.....	1790	1791	1792	MEANS.
January.....	6.57	8.37	4.12	
February.....	3.00	6.04	5.82	
March.....	1.01	3.64	6.68	
April.....	1.96	4.81	10.09	
May.....	2.04	3.98	5.92	
June.....	4.11	3.49	3.51	
July.....	7.89	6.34	5.93	
August.....	6.20	5.17	7.40	
September.....	6.64	3.40	11.23	
October.....	5.38	5.51	6.03	
November.....	5.35	6.47	6.03	
December.....	10.30	8.38	12.12	
TOTALS ....	62.36	66.20	84.88	

## RAINFALL AT Kendal

Westmorland

Observer

from Pook's Met. register

Rain { By.....

Gauge {.....

Diameter.....in. Height above Ground.....ft.....in. Above Mean Sea Level.....ft.

YEAR.....	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January.....					7.29	.98	8.37				
February.....					13.47	5.41	3.78				
March.....					4.53	4.30	1.06				
April.....					4.18	3.75	1.76				
May .....					1.99	1.51	4.89				
June.....					1.45	4.73	2.61				
July.....					4.16	2.69	6.62				
August.....					5.34	6.10	1.89				
September.....					7.67	1.05	4.67				
October.....					7.32	7.14	5.96				
November.....					6.01	10.27	1.71				
December.....					6.20	10.00	1.92				
TOTALS ....					69.65	57.98	45.24		60.85		

\* \* \*

\* adds to 69.61 but is wrongly traced see ante Gough's sheet

\* \* to 57.93 " " " "

1796 given to 4 decimal places - hence doubtless above errors.

1794-6 Lowe R. Gen. view agric. Notes 1798

## RAINFALL AT Kendal

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Observe from letter to Times by Dr. J. Nelson 13. i. 88

Rain { By .....  
 Gauge Diameter ..... in. Height above Ground, ..... ft. ..... in. Above Mean Sea Level ..... ft.

YEAR.....	1790	1791	1792	1793	1794	1795	1796	1797	1798	1799	MEANS.
January.....											
February.....											
March.....											
April.....											
May .....											
June .....											
July .....											
August.....											
September.....											
October.....											
November.....											
December.....											
TOTALS .....											
								60.82	53.95	58.56	

Other years are in accordance with one or other of the Kendal records. C.S. 30-XI-08.

418  
*Neckdon*  
RAINFALL AT Kendal

From The Monthly Magazine for 1801, Vol. xii, p. 259

Author John Observer The EditorRain Gauge { By .....  
..... in. Diameter ..... in. Height above Ground, ..... ft. ..... in. Above Mean Sea Level ..... ft.

YEAR.....	1800	MEANS.
January.....	6.57	
February.....	1.77	
March.....	2.72	
April.....	6.49	
May.....	4.34	
June.....	97	
July.....	1.61	
August.....	89	
September.....	5.89	
October.....	8.24	
November.....	4.51	
December.....	4.13	
TOTALS ...	48.75	

\*

\* The ed. gives this total as 48.20. Should the rainfall be 4.18, instead of 4.13

Y157  
00

Rainfall at Kendal.

Observations made by a brother of J. Dalton

Diameter of Gauge, ..... in. Height above Ground, ..... ft. ..... in. Above Mean Sea Level, ..... ft.

YEAR - -		1802	1803	1804	1805	1806	1807	1808	1809	MEANS.
January - -		4.80				7.90	2.92	5.25	5.27	
February - -		5.13				5.14	5.58	2.42	4.28	
March - - -		1.45				1.32	2.21	.28	.72	
April- - - -		5.31				5.6	2.90	2.80	1.69	
May - - - -		.68				2.12	4.47	3.95	4.55	
June - - - -		3.45				1.43	2.27	2.02	3.24	
July - - - -		8.35				4.63	4.48	4.85	3.28	
August- - -		5.17				7.18	3.49	5.87	9.73	
September -		3.17				4.85	7.92	2.62	6.36	
October - -		9.43				1.99	7.09	7.25	1.16	
November -		.66				9.32	5.07	3.92	4.11	
December -		4.09				7.45	4.53	2.61	8.02	
TOTALS -		48.25	50.50	51.73	40.50	47.25	42.75	53.89	52.93	48.56

$$1798 = 54 \quad 1798 \quad 53.95 \quad 1799 \quad 58.56$$

$$99 = 58\frac{1}{2}$$

Totals from S.A. Marshall's M.S. book

1807 from Gentlemen's Mag Vol 78 1808 read II. 1910 end 21.X.12

30 15 5  
2 2 5  
18 3 2  
8 3 2

RAINFALL AT *Kendall*158  
00*Sam C. Marshall**Harrison*Rain  $\left\{ \begin{array}{l} \text{By} \\ \text{Gauge} \end{array} \right.$ 

Diameter... 8 in.

Height above Ground, 4 ft. 6 in.

Above Mean Sea Level, 149 ft.

YEAR .....	1808	1809	MEANS.
January .....		5.27	
February .....		4.28	
March .....		7.2	
April .....		1.58	
May .....		4.53	
June .....		3.25	
July .....		3.28	
August .....		9.66	
September .....		8.43	
October .....		1.13	
November .....		4.10	
December .....		9.60	
TOTALS .....		53.83	

## Rainfall at Kendal

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Sam'l. Marshall

Harrison 10.1817 Gough 1818-20

Diameter of Gange, 8 in.

Height above Ground, 4 ft. 6 in.

Above Mean Sea Level, 1449 ft.

YEAR - -	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	MEANS.
January - -	2.69	3.52	2.90	3.92	1.09	1.18	3.92	3.06	6.81	6.23	3.532
February - -	4.15	7.32	8.51	8.91	3.24	3.94	3.46	5.47	3.52	5.45	5.397
March - -	4.26	4.33	4.05	4.34	1.65	10.45	4.34	4.27	7.44	2.45	4.758
April - -	1.03	3.58	1.06	3.06	4.29	1.24	2.62	2.31	3.82	1.80	2.481
May - - -	.81	7.32	5.24	5.15	.36	5.01	2.63	3.88	2.14	1.61	3.415
June - - -	2.10	3.93	3.89	2.22	2.26	3.39	2.83	2.98	2.36	3.59	2.955
July - - -	3.49	4.63	4.37	2.22	4.19	2.64	3.86	3.58	3.58	4.60	3.716
August - -	4.54	5.43	2.29	2.09	4.21	5.14	3.51	4.61	1.52	3.61	3.695
September -	2.07	1.48	3.87	4.48	1.36	5.81	6.47	4.00	6.68	4.54	4.076
October - -	3.97	8.38	6.04	5.13	5.83	6.87	4.21	5.20	5.99	3.85	5.547
November -	4.00	6.62	3.83	5.71	6.05	11.88	11.05	4.91	5.17	3.69	4.891
December -	8.41	6.94	1.24	2.17	10.42	6.89	6.83	6.56	2.55	5.25	5.726
TOTALS -	41.52	63.48	47.29	49.40	14.95	57.44	48.73	50.83	51.58	46.67	50.189

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0.67 in. Harrison

RAINFALL AT RendalWestmoreland

Observer

Rain { By .....  
Gauge .....  
Diameter ..... in.

Height above Ground, ..... ft. .... in.

From Total book

Above Mean Sea Level ..... ft.

YEAR.....	1840	1841	1842	1843					MEANS.
January.....									
February.....									
March.....									
April.....									
May.....									
June.....									
July.....									
August.....									
September.....									
October.....									
November.....									
December.....									
TOTALS ....			5231	6238					