

RAINFALL AT Kendal Underfell

70

Lat.

Long.

County of Westmorland

Rain Gauge, by

Observer John J. Wilson Esq

Old Gauge

Diameter....	8										
Height	4								3	4	-
Altitude	300				*						
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS,
January	5.20	2.52	9.94	9.68	7.90	7.45	3.54	9.09	5.76	2.03	6.311
February.....	2.75	4.84	5.16	1.01	3.21	1.41	6.33	3.79	2.82	3.68	3.600
March.....	2.33	2.06	5.53	3.57	4.14	1.58	4.67	3.09	2.51	3.42	3.290
April	1.86	3.09	2.18	.54	1.82	1.78	2.86	2.45	2.87	1.80	2.125
May	4.19	1.94	2.71	2.52	1.19	2.61	.95	3.22	5.46	1.98	2.677
June	1.55	2.09	4.44	2.98	1.14	5.73	4.91	3.17	3.68	6.30	3.599
July.....	1.17	7.26	4.47	7.01	2.74	2.84	3.35	6.64	.59	6.54	4.261
August	1.61	7.24	5.22	6.34	7.52	2.99	4.31	5.61	4.94	5.36	5.114
September ..	2.80	3.89	8.49	3.09	5.76	6.32	5.15	4.39	5.65	3.76	4.930
October	10.59	6.59	7.95	8.81	13.25	3.99	4.36	8.26	5.28	2.34	7.142
November ..	3.47	1.67	6.65	3.00	4.28	7.24	3.33	10.35	2.55	1.59	4.413
December	2.15	6.09	6.07	2.49	3.65	3.88	8.59	5.65	2.83	4.16	4.586
TOTALS	39.67	49.28	68.81	51.04	56.60	47.82	52.35	65.71	44.94	42.96	57.918

Kendal church 4 miles E.

75 ft. E of Stowes 20ft N of low trees & shrubs.

RAINFALL AT Kendal Underfell **70**

Lat.....

Lat.....

County of Westmoreland

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..... Rain Gauge, by N.G.J.

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no III

Diameter.....							8				
Height							1 -				
Altitude.....							300				
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						7.99	3.77	10.02	6.16	2.13	
February.....						1.52	6.73	4.45	3.03	3.88	
March.....						1.62	4.86	3.22	2.66	3.63	
April.....						1.82	2.95	2.52	2.98	1.89	
May						2.67	1.01	3.33	5.66	2.09	
June.....						# 1.19	5.82	4.91	3.19	3.73	6.40
July						2.84	2.94	3.49	6.76	.65	6.73
August.....						7.78	3.08	4.27	5.80	5.09	5.63
September.....						6.06	6.48	5.28	4.50	5.94	4.19
October.....						13.22	4.12	4.51	8.75	5.41	2.84
November.....						4.52	6.90	3.57	10.86	2.66	1.68
December.....						3.79	4.02	9.65	5.99	3.00	4.58
TOTALS.....						37.24	48.98	55.00	69.39	46.97	45.67

1875 Gauge very slightly sheltered in N.N.W.

Kendal church $\frac{1}{4}$ mile E.

65 ft S.E. of house.

RAINFALL AT Kendal Underfell.

Lat.....

Long..... County of Westmoreland.....

.....Rain Gauge, by R. S. Z..... Observer J. J. Wilson.....

No. II Monthly J. J. Wilson

Diameter.....					•8						
Height					4	*	1				
Altitude.....					300						
Year.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....					# 9.05	7.19	7.50	3.68	8.93	6.00	2.22
February.....					1.04	3.06	1.42		4.01	3.07	3.89
March.....					3.41	3.61	1.65	4.86	3.14	2.51	3.55
April.....					.61	1.66	1.70	2.92	2.57	2.87	1.77
May.....					2.06	1.25	2.49	8.63	3.12	5.58	2.00
June.....					2.73	1.14	5.58	4.53	2.95	3.59	6.26
July.....					6.95	2.82	2.92	3.74	8.51	5.86	6.34
August.....					4.30	7.59	2.99	3.97	5.22	5.04	5.35
September.....					3.04	5.86	6.34	5.23	4.24	5.67	4.33
October.....					7.94	12.82	4.07	4.33	8.43	5.30	3.00
November.....					2.87	4.32	6.89	3.38	10.40	2.56	1.72
December.....					2.31	3.69	3.75	{ 8.58 1.00	5.73	2.43	4.89
TOTALS.....					4881	5501	47.30		67.25	45.20	45.32

1874 Gauge lowered to 1 ft above ground on May 20th

1875 Gauge slightly sheltered in N.E.

1876 Account for Feb lost : the Dec fall is increased by one inch as the snow fall on the 23rd was 12 inches deep & of course very little of this got into the gauge

Close to No 1 gauge

Kendal church 1/4 mile E.

RAINFALL AT Kendal, Underfell

80

Lat.

Loa.

County of

Westmoreland

9201 Rain Gauge, by

Observer: F. Miller, Esq.

Kent - 3

Diameter	8										
Height	4.0	3.-		3.7							
Altitude	300 B										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	7.5	5.4	4.23	8.20	7.58	3.12	5.16	4.01			
February	3.90	5.28	5.87	2.74	3.59	5.54	1.87	2.55			
March	3.06	6.02	5.22	1.03	3.33	4.57	6.73	1.74			
April	1.87	2.25	4.77	2.28	1.11	2.70	3.64	2.82			
May	2.03	4.66	3.00	2.42	3.58	2.23	5.11	1.64			
June	4.96	4.72	5.25	4.48	1.26	2.43	1.93	.29			
July	6.84	7.10	8.10	1.92	4.76	3.96	6.69	2.64			
August	1.42	7.78	4.90	4.57	1.04	3.37	4.34	2.23			
September	4.65	3.07	4.11	4.44	4.33	6.00	7.54	3.95			
October	1.08	2.92	3.45	5.82	3.47	4.02	7.35	2.06			
November	6.27	7.38	8.52	6.39	2.11	3.61	5.33	2.85			
December	5.55	6.19	4.89	4.33	6.92	2.57	5.86	3.94	17		
TOTALS	42.88	57.91	62.31	48.26	43.08	44.06	61.55	30.72			

1884 Kendal Church 1 mile E.S.E.

Gauge worn out

RAINFALL AT Kendal, Underfell

80

Lat. _____

Lon. _____

County of Westmoreland

No. 2 Rain Gauge, by _____

Observer F. Wilson, Esq.

Kent - 3

Diameter	8										
Height	1.0										
Altitude	300 B										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	8.5	6.1		9.08	7.54	3.60	5.43	4.22	3.27		
February	4.34	5.80		3.11	3.91	6.30	1.84	2.83	1.10		
March	3.29	6.49		1.06	3.55	5.06	5.63	2.01	3.23		
April	2.10	2.42		2.31	1.25	3.00	3.55	3.11	2.71		
May	2.16	5.10		2.66	3.97	2.52	5.19	1.78	2.41		
June	5.11	5.24		4.60	1.39	2.67	1.84	.32	2.25		
July	7.06	7.35		2.10	5.32	4.26	6.83	2.83	6.72		
August	1.47	7.91		4.74	1.17	3.54	(4.73)	2.36	3.70		
September	4.85	3.18		4.37	4.82	6.61	7.00	4.25	1.67		
October	1.14	2.99		6.13	3.83	4.61	6.47	2.26	4.97		
November	7.19	8.34		7.18	2.44	3.97	5.61	3.22	5.91		
December	6.11	6.72		4.74	7.66	2.72	6.13	4.34	5.46		
TOTALS	45.67	62.15		52.07	46.85	48.86	(60.25)	33.53	43.40	NIR	

1884 Kendal Church 1 mile E.S.E.

1886 August amount computed

RAINFALL AT Rudal, Underfell

80

Lat. _____

Lon. _____ County of Westmoreland

Rain Gauge, by _____

Observer F. Weston, Esq.

Kent - 3

Diameter	8										
Height	1.0										
Altitude	800 T										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	92	72				3.58	5.34	4.36	3.13		
February	4.19	6.32				6.07	1.69	2.64	1.88		
March	3.75	6.10				4.92	7.18	1.94	3.25		
April	2.00	2.42				2.84	4.00	3.02	2.66		
May	2.08	4.78				2.29	5.28	1.53	2.03		
June	5.12	5.15				2.41	2.10	0.0	1.83		
July	6.80	6.95				4.00	6.80	2.50	6.50		
August	1.35	7.55				3.40	4.95	2.15	3.92		
September....	4.74	3.05				7.00	7.18	4.16	1.54		
October	1.10	3.00				4.10	7.53	2.31	5.90		
November....	7.82	7.95				3.85	5.75	3.30	5.68		
December	6.94	7.00				2.80	6.17	4.24	5.65		
TOTALS	115.66	60.99				47.26	63.97	32.15	43.97	NR	

1887 June rain dried up

RAINFALL AT Kendal Underfell

Lat.

Len.

County of Westmoreland

Rain Gauge, by

Observer W. H. Grewdon Esq

Kart - 3 No 2

Diameter											
Height											
Altitude											
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.

Long.

County of Westmorland

Rain Gauge, by

Observer

W.H. Newson Esq

Kant - 3 No 3. Monthly

Diameter		8								
Height		10								
Altitude		300B								
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	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	4					
TOTALS			53.54	43.39						

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