

RAINFALL AT Kendal Underfell

70

Lat.

Lon.

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	5.4	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	9.5	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	5.9	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	4.566	
TOTALS ..	39.67	49.28	68.81	51.04	56.60	47.82	52.35	65.71	44.94	42.96	51.918	

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

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

RAINFALL AT Kendal Underfell 70

Lat.....

Lon.....

County of... Westmoreland.

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

Observer... Frank Wilson Esq

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.....					7.73	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.....						48.98	55.00	69.39	46.97	45.67		

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

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

65 ft. S.E. of house.

RAINFALL AT Kendal Underfell.

Lat..... Lon..... County of Westmoreland.....

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

No. II Monthly J. J. Wilson

Diameter.....				.8							
Height				4	*	1					
Altitude.....				350							
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				2.56	1.25	2.49	.86	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	.58	6.34	
August.....				6.30	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.....				48.81	55.01	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 $\frac{1}{4}$ mile E.

RAINFALL AT *Kendal, Underfell*

80

Lat. _____

Lon. _____

County of _____

Westmoreland

No. 1 Rain Gauge, by _____

Observer *F. Wilson, Esq.*

Kent - 3

Diameter	8										
Height	4.0	3.1		3.7							
Altitude	300 B										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January75	.54	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	4.14	4.33	6.00	7.54	3.96			
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	2.51	5.86	3.94			
TOTALS	42.98	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. Milson, Esq.*

Kent - 3

Diameter	8										
Height	1 0										
Altitude	300 B										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	85	61		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	N 12	

1884 *Kendal Church 1 mile E.S.E.*

1886 August Amount computed

RAINFALL AT Kendal, Underfell

80

Lat. _____

Lon. _____

County of Westmorland

Rain Gauge, by _____

Observer F. Wilson, Esq.

Kent - 3

Diameter	8											
Height	1.0											
Altitude	300 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	3.15	6.10				4.92	7.18	1.94	3.25			
April	2.00	2.42				2.84	4.00	3.02	2.66			
May	2.03	4.78				2.29	5.28	1.53	2.03			
June	5.12	5.15				2.41	2.10	00	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	4.15	1.54			
October	1.10	3.00				4.10	7.53	2.31	5.90			
November	7.32	7.95				3.88	5.75	3.30	5.68			
December	6.94	7.00				2.80	6.17	4.24	5.65			
TOTALS	45.66	60.99				47.26	63.97	32.15	43.97	N.R.		

1887 June rain dried up

RAINFALL AT Kendal Underfell

Lat. _____

Lon. _____

County of Westmoreland

Rain Gauge, by _____

Observer W. H. Cawdson Esq

Kent - 3

No 2

Diameter			8								
Height			10								
Altitude			300.3								
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 Westmorland

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