

RAINFALL AT Appleby Castle Bank

Lat. \_\_\_\_\_

Lon. \_\_\_\_\_

County of Westmoreland

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

Observer

C.R. Rivington EsqEden - 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 L. Michael 1100 ft N NE  
 Screen 5 1/2 ft high 4 1/2 ft E  
 Frame " " 10 " N

# RAINFALL AT

Appleby Castle Bank

385

Lat.

Lon.

County of Westmoreland

Rain Gauge, by

Observer C.R. Rivington Esq

Screen 1.

Diameter ..	5										
Height ....	1 2										
Altitude ..	440 T										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.38	2.53	2.03	6.06	5.18	1.46	5.18	1.04	2.57	4.13	3.356
February ..	4.27	1.17	1.04	6.33	3.14	2.43	2.54	2.50	4.06	1.76	2.924
March ....	.58	2.72	2.53	7.52	1.89	3.02	2.25	2.89	3.98	3.13	3.051
April .....	2.43	1.87	2.05	1.08	2.49	3.08	1.10	2.18	1.70	2.94	2.092
May .....	1.45	1.33	2.52	2.16	3.45	.81	6.07	4.00	2.71	1.70	2.620
June .....	3.83	1.81	1.16	.95	2.23	1.93	1.07	5.04	1.59	2.28	2.189
July .....	2.10	1.12	3.82	3.98	1.61	.92	1.79	2.48	3.10	3.62	2.454
August ....	4.69	2.49	2.16	3.77	3.04	3.92	4.32	2.53	3.82	4.51	3.525
September..	1.44	1.44	2.11	4.19	.87	2.75	.96	.46	3.83	2.22	2.027
October ....	5.78	2.53	2.59	9.07	1.13	2.51	6.30	4.03	2.58	5.35	4.187
November ..	3.41	4.87	2.57	3.03	2.93	3.92	3.08	2.31	2.69	1.41	3.022
December ..	5.46	4.40	4.84	2.72	3.34	1.07	3.03	5.51	2.49	4.16	3.702
TOTALS ..	38.82	28.28	29.42	50.86	31.30	27.82	37.69	34.97	35.12	37.21	35.149

1901 St Nicholas Church 1/4 mile NE

Screen 6 ft high 10 ft S.W.

1903 Appleby Station 1 mile N.E.

## RAINFALL at

Appleby Castle Bank

County of WestmorlandObserver C.H. Rixington EsqRiver Basin Eden 1Rain Gauge, by N<sup>o</sup> 3

An. Av. 1916-1950 36.55

Diameter ...	5											
Height .....	1 2								1.0			
Altitude ...	440 <sup>T</sup>											
Year ..	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	4.75	1.80	2.93	3.66	3.15	3.10	5.08	1.98	4.48	4.30		1584
February ...	5.59	3.73	2.90	2.65	6.13	5.78	4.37	.81	3.43	.97		958
March .....	2.66	1.61	4.03	5.59	3.49	1.26	2.90	1.85	1.29	5.70		574
April .....	2.41	1.78	.46	5.75	1.49	2.06	2.45	2.43	1.19	3.01		808
May .....	2.03	1.50	1.70	1.40	2.07	1.40	2.27	2.39	1.55	1.53		774
June .....	1.30	3.33	5.25	1.81	1.76	.40	2.58	1.92	1.54	1.54		758
July .....	4.35	1.23	3.62	1.10	3.54	4.41	5.63	1.44	4.62	1.35		1294
August .....	5.26	2.17	4.34	1.16	2.69	3.51	3.26	8.51	4.33	3.09		1719
September ...	.40	3.42	2.14	2.51	2.27	.97	1.91	2.62	9.03	1.53		1509
October ...	2.08	2.98	3.57	2.01	1.39	1.40	6.73	4.32	4.93	3.45		1546
November ...	3.25	5.08	3.90	3.62	5.05	1.64	4.02	2.81	2.64	3.57		1284
December ...	3.07	7.27	4.99	3.61	7.95	6.53	2.48	1.67	4.44	5.43		1402
TOTALS ...	37.15	35.90	42.83	34.87	44.01	32.76	43.68	32.75	43.47	30.20	37.462	15010

1912 Stevenson Screen 5 ft 6 in High 12 ft SE  
1919 6 ft 4 in High 4 ft E

119.5 89.6 118.9 82.9

N.G.R. 35/684198

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54° 39'	2° 30' 40"	Appleby	3/4 mi	N.E.	Poungate	1/4 mi	N.E.



RAINFALL at Appley Castle BankCounty of WestmorlandObserver G. R. Risington Esq. dec 1928River Basin Eden 1Lady HolmesB.A. Rain Gauge, by 729/4An. Av. 1916-50 36.55"

Diameter ...	5"											
Height .....	4 0			1 0				1 0				
Altitude ...	440											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS.	
January ...	4.82	5.23	3.62	3.03	3.79	5.70	4.82	5.43	8.21	1.10	6.68	5233
February ...	2.38	1.10	3.44	4.30	2.06	5.79	3.21	1.70	4.36	.71	.89	2714
March .....	5.84	4.32	3.06	1.79	.93	1.80	1.85	3.51	4.08	.26	.275	3019
April .....	2.94	.79	2.45	3.21	1.81	2.28	1.81	2.62	1.04	1.69	1.92	2366
May .....	5.37	2.39	1.23	2.60	5.82	4.67	2.08	2.69	2.10	1.88	1.79	3262
June .....	1.09	.32	2.15	1.48	1.75	.14	2.82	2.50	5.77	1.96	1.82	2150
July .....	4.85	2.23	4.00	2.78	5.02	1.72	2.99	4.27	3.48	4.27	2.94	3955
August .....	1.79	4.79	2.59	6.31	2.64	8.97	3.22	7.75	8.89	3.82	5.47	5124
September...	2.11	1.61	2.45	3.58	4.99	4.70	4.61	4.89	1.57	2.11	2.44	3506
October .....	1.09	2.21	1.63	6.12	3.92	4.39	3.12	4.18	(5.16)	5.07	5.52	4241
November...	3.37	1.95	2.74	4.25	2.01	2.51	5.93	3.06	5.64	6.71	4.15	4242
December...	3.71	4.42	7.05	4.14	7.82	4.39	1.03	1.21	1.61	6.97	3.81	4616
TOTALS...	39.36	30.36	36.41	43.59	41.46	43.16	37.49	43.81	51.91	36.55	40.18	44428
	D	D	D	D	D	D	D	D	D	D	D	

Inspected 20/11/27 See green flag.  
 1928. Dash 9 ft. high. 12 ft. E.E.  
 Station 6" " 15" S

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	54° 34'	2° 30'	Appley	1 mi	N	St. Michaels	1/4 mi	N E

RAINFALL at Appleby (Castle Bank) *msh*County of Westmorland Observer Lady HolmesRiver Basin Eden - 1Type of Gauge SnowdenAnnual Average 35.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Bogn" 36.55 1916-50

Diameter	5'					5"						
Height	1.0.					1.0"						
Altitude	440.					440'						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	3.32	6.69	4.28	4.62	2.22	4.80	2.61	4.84	6.19	(1.12)	4.69	
February	2.98	.37	2.51	.18	4.54	1.90	4.03	1.29	3.01	1.18	2.99	
March	.90	2.85	1.79	2.32	1.32	1.89	1.85	1.94	3.10	2.82	2.68	
April	2.67	3.15	1.29	2.71	3.09	.64	1.79	.24	1.20	1.37	1.15	
May	3.02	3.60	3.43	(3.10)	.77	.70	3.03	2.48	.70	1.05	2.17	
June	4.62	2.25	1.95	1.77	3.22	2.82	1.30	2.84	2.80	1.15	2.72	
July	5.51	4.99	2.33	1.69	.78	5.07	2.89	4.70	3.85	4.92	3.67	
August	3.65	1.00	2.10	3.53	1.64	1.65	1.57	2.15	2.74	1.84	2.18	
September	1.32	3.76	1.51	3.32	6.07	4.15	2.38	1.79	1.29	3.16	2.75	
October	2.78	5.86	5.29	6.00	4.93	3.36	1.35	7.73	2.06	4.20	4.35	
November	6.79	2.22	1.99	.74	3.01	4.26	.34	5.28	4.80	4.00	3.43	
December	2.75	4.73	1.15	5.44	1.89	5.85	2.10	3.36	1.72	3.31	3.20	
TOTALS	40.31	41.37	29.62	35.42	33.48	37.09	25.24	39.14	33.46	30.12	34.55	
	D	D	D	D	D	D	D	D	D	D	D	

Inspected 3.9.56. No change.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

Station No.

2685 S.W.

RAINFALL at

Appleby (Castle Bk)

M.J.R.

41

County of

Westmorland

Observer

Lady Holmes

River Basin

Eden - 1

D.T. Collins Esq. 25.5.1947

Type of Gauge

Snowdon

2 Edin. C. 1947  
GARDENLAND RIVER BRIDGE (1951)

Annual Average 35.0 in. based on 25 years obs. un-weighted.

Period of average 1881-1915

Ref B. 2. N.

36.55

1916-1950

File No.

Diameter	5"				598	806					
Height	1' 0"					1					
Altitude	440'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	52	4.11	5.02	3.71	3.76	3.68	4.28	6.24	1.76	2.42	3550
February	3.63	2.30	1.70	1.44	3.57	2.41	1.17	2.47	2.33	3.92	2494
March	2.50	2.14	1.23	.53	2.12	1.70	4.59	2.82	1.11	1.62	2629
April	.71	2.01	2.53	1.75	2.28	1.22	5.00	1.66	3.15	2.01	2232
May	1.78	3.15	3.82	.97	3.19	1.75	1.70	1.56	2.04	1.94	2190
June	.59	1.10	2.82	2.43	3.25	2.36	2.80	5.20	.51	1.68	2274
July	1.24	2.71	2.24	4.95	1.75	4.37	4.00	1.07	1.64	4.02	2797
August	4.54	3.49	4.97	2.45	2.63	4.50	.10	5.80	1.96	5.08	3553
September	.93	3.36	3.57	5.17	2.64	4.60	2.90	3.67	1.26	6.88	3498
October	4.19	2.43	4.10	3.64	5.43	.73	.50	2.01	4.37	2.38	2978
November	2.53	1.13	(2.08)	6.26	.22	6.12	3.50	2.53	5.24	3.52	3313
December	1.64	3.96	(2.14)	3.89	(1.75)	3.90	1.80	4.08	5.35	1.85	3039
TOTALS	24.80	31.89	(36.22)	37.19	32.59	37.34	(32.27) imp.	39.11	30.72	37.38	33949

1943 Nov to Dec. not ed.

1945 Dec. part not ed.

Stn. Terminated March 1947.

1948 Station continued at Appleby Castle

1947 estimated No. 36.

29.11.47

P. 1947

1950 &amp; 51 consider remainder of missing years. K.T. 1950. Air probably means K.T. 33.

Position of Station on reduced Ordnance Survey Map,  
1 mile to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge

BRITISH RAINFALL ORGANIZATION



Station No. 3685TF 64  
51RAINFALL at Appleby CastleCounty of Westmorland Observer Cumberland River Board,River Basin Eden - 1Type of Gauge Lowdon H.O. No. IIAnnual Average 35.0 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. P. J. N.  
36.55 " " " " " 1916-1950 1916-1950 E 1830153  
File No. E 112544

Diameter ...	5"				598	806				5"	
Height ...	1' 0"					1				8"	
Altitude ...	440'					51				480'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.70	3.32	* 80	2.33	2.43	2.83	4.24	3.17	2.15	4.40	
February ...	3.28	.42	1.22	2.30	1.78	.75	2.27	4.75	.75	4.28	
March ...	2.03	1.79	.37	2.42	1.00	.50	1.36	.69	1.26	.83	
April ...	2.48	2.71	2.61	.53	1.04	.70	.40	.70	2.86	2.05	
May ...	1.35	2.37	1.49	3.27	3.13	1.21	1.93	3.52	.75	1.51	
June ...	.99	2.24	1.72	2.59	1.95	4.42	1.23	3.00	4.39	1.44	
July ...	2.45	.96	3.71	2.18	2.65	2.39	3.47	3.46	3.78	5.05	
August ...	3.51	3.57	4.38	4.25	1.42	8.12	4.51	4.82	.57	2.46	
September ...	2.84	2.23	3.36	5.67	1.12	2.41	3.86	3.59	1.12	1.98	
October ...	.70	4.39	1.76	8.22	1.93	2.26	3.62	4.37	3.01	2.05	
November ...	6.15	1.61	3.17	6.66	1.83	1.04	1.28	.59	4.62	6.39	
December ...	6.99	3.04	1.56	4.13	3.45	4.12	2.52	2.68	4.82	3.42	
TOTALS ...	35.47	28.65	26.15	44.55	23.13	30.81	30.69	35.34	30.08	35.86	
	D	D	D	D	D	D	D	D	D	D	

1954 open site.

1957 6". 19" July est 1903

Inspected 3-4-60 by Effluenter. Reasonable site. alt 60'S N → NE. Trees 60'-120'S and 60'-100' WSW, 60'-100' N  
→ 70'-90' NE. Plants adjacent to gauge a bit near on top.

1960 May 23 moved from 27 1903

NY (35) 684198

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 35 685 199

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Appleby	4.50 NNE	St. Michaels	1200' ENE
					10	

Summary of Earlier Records from 10-year Sheets :

1916-1950, P-accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓ 70.27	
	✓	✓	✓	✓ low d 43.48	