

RAINFALL AT *Grisdale Rushwaite Lodge*

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

*Lam.*

County of Westmoreland

*Rain Gauge, by*

Observer

Load - 1. monthly

[illegible]

# RAINFALL AT Crisdale Ruthearts Lodge

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Westmoreland

Rain Gauge, by \_\_\_\_\_ Observer W A Milne

Eden - 1.

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	7.819	
April .....	3.40	6.02	1.76	1.34	4.00	5.95	4.17	6.95	9.33	10.81	5.273	
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	16.93	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 L A Marshall and approved by G. J. S.

# RAINFALL AT *Grisdale Rushwaite Lodge*

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

Rain Gauge, by .....

Observer

*Mr A Milne*

*Sten - 1 -*

*M*

*Mr J Mungo  
Mr C Marshall*

Diameter ..	8										
Height ....	1.6										
Altitude ..	1750										
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	11.63	6.20	4.33	17.12	9.17	5.22	15.26	3.72	12.57	9.62	
February ..	7.54	4.72	3.65	15.42	6.50	5.30	5.08	4.59	6.81	3.50	
March ....	.64	7.10	5.64	21.30	6.36	9.54	6.07	8.70	11.59	7.00	
April .....	7.18	6.29	5.75	2.95	9.84	7.85	2.38	4.96	4.70	7.18	
May .....	6.53	3.28	5.64	5.75	4.74	5.61	11.78	9.60	6.32	4.92	
June .....	8.65	5.69	1.68	3.59	4.70	5.28	3.70	13.49	5.67	4.22	
July .....	3.72	1.54	5.30	6.80	6.09	2.65	5.66	3.30	7.57	11.55	
August ....	10.22	10.11	5.07	13.86	9.00	8.50	10.95	10.50	12.88	5.38	
September ..	8.69	10.92	5.04	9.59	5.61	7.47	3.34	.90	13.15	4.65	
October ....	14.00	8.72	7.90	19.85	3.81	6.68	14.96	15.22	5.37	22.74	
November ..	9.45	6.48	8.84	6.15	7.00	11.12	9.94	9.94	5.86	5.76	
December ..	24.98	7.80	11.60	8.25	9.98	4.72	4.68	18.33	9.73	13.81	
TOTALS ..	113.23	78.85	70.44	130.63	82.80	79.94	93.80	103.25	105.17	100.33	

1904 August Gauge tampered with est. 11.19.



## RAINFALL at

Guzdale Ranthwaite Lodge

County of Westmorland

Observer

Miss C Marshall

River Basin

Eden

1

Rain Gauge, by

Diameter ...	8										
Height .....	1 6										
Altitude ...	750										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	10.59	5.71	7.13	11.76	12.35	10.67	17.74	3.43	13.06	11.35	
February ...	12.19	12.70	8.06	8.80	20.38	19.50	12.41	1.65	13.38	1.68	
March .....	8.15	3.55	16.73	15.14	11.14	3.82	2.26	3.68	4.55	7.24	
April .....	7.35	8.95	2.19	11.53	4.56	6.22	8.13	3.70	2.28	6.75	
May .....	4.78	5.27	3.18	5.91	5.09	1.96	6.80	5.83	2.31	3.10	
June .....	3.25	9.30	11.62	8.19	1.83	1.15	5.53	4.43	3.46	4.24	
July .....	8.85	2.55	10.15	.96	7.15	9.15	6.07	2.89	8.94	(2.00)	
August .....	16.72	6.93	10.76	(3.50)	9.25	4.34	6.09	21.29	7.84	7.40	
September ...	1.18	7.33	4.33	4.92	4.75	2.35	4.41	9.72	19.59	10.62	
October ...	5.16	11.04	11.28	7.34	2.96	3.72	22.35	7.39	19.90	2.52	
November ...	8.09	16.78	8.71	6.75	16.20	4.85	19.12	12.53	9.69	7.62	
December ...	12.61	24.00	20.71	9.70	16.60	20.33	8.30	3.92	15.94	18.52	
TOTALS ...	98.89	114.11	114.95	98.80	112.26	88.06	121.27	90.46	120.94	(83.74)	

1913 Aug gauge tampered with etc. 11.15  
1919. July estimated.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Grizedale Rutherford LodgeCounty of WestmorlandObserver Miss C. Marshall forRiver Basin Eden 1log magazine dec 1929

Rain Gauge, by

M. Marshall

Diameter ...	8										
Height .....	1 6										
Altitude ...	1750										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920. MEANS.
January ...	13.87	20.97	7.22	9.30	10.02	11.19	13.78	10.94	20.68	2.52	19.44
February ...	11.12	4.8	9.61	15.62	1.43	8.29	12.36	7.60	9.52	2.72	.66
March .....	14.09	17.72	6.82	6.02	1.93	2.56	3.65	10.88	10.40	.92	6.00
April .....	9.88	1.96	2.50	6.80	4.84	10.59	6.23	5.78	4.35	3.06	4.24
May .....	10.02	7.00	5.35	6.95	8.60	10.43	5.55	3.43	1.52	4.23	4.37
June .....	4.16	.79	4.30	3.90	5.07	.08	6.16	6.97	11.85	3.42	4.34
July .....	12.16	6.50	10.80	6.35	5.40	2.40	8.14	9.24	7.71	(0.00)	5.94
August .....	(5.00)	11.95	(6.70)	20.00	7.53	7.96	9.97	12.10	14.80	11.50	15.40
September...	5.09	3.10	6.23	13.42	16.20	6.80	7.40	11.95	6.20	2.88	7.70
October .....	4.50	4.50	3.75	20.19	9.42	13.83	7.05	13.00	20.40	12.45	30.52
November...	10.30	4.68	5.40	11.47	6.84	2.55	15.55	10.60	15.79	19.08	11.83
December...	10.36	17.07	(15.00)	8.40	22.30	7.87	2.19	1.60	7.24	(20.00)	12.12
TOTALS...	(110.54)	96.69	(85.28)	123.42	99.60	84.35	98.03	104.09	129.86	(92.78)	112.56

1920 August Estimated  
 1929 July & Dec estimated.

Position of Station on reduced Ordnance Survey  
Map, 2 miles 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

RAINFALL at Grizedale (Ruthwaite Lodge)County of Westmorland,Observer M. Marshall, Esq.,River Basin Eden - 1

(Per Miss Cordelia Marshall)

Type of Gauge.....

Annual Average 97.7 in. based on 40 years obs. un-weighted. Period of average 1881-1915 Ref. S

340029/24

Diameter .....	8.										
Height .....	1.6.										
Altitude .....	1250.			1750		1750					
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....	9.38	27.33	15.43	(15.50)	4.84						
February .....	9.50	.02	8.00	.77	16.95						
March .....	2.43	7.73	7.29	6.85	2.99						
April .....	5.14	9.50	2.90	6.93	8.10						
May .....	7.32	6.67	3.15	6.90	.77						
June .....	11.15	5.20	(9.60)	3.52	10.39						
July .....	11.75	11.00	8.75	2.71	4.34						
August .....	7.63	2.07	6.22	11.77	5.17						
September .....	5.98	8.45	1.88	17.83	18.42						
October .....	9.40	16.44	7.98	17.56	20.21	10.60					
November .....	27.60	8.55	4.21	2.70	10.00	10.76					
December .....	8.39	22.35	.86	21.37	5.88	20.35	#				
TOTALS .....	115.67	125.31	(70.22)	68.27	114.41	108.06	info.				

1933. June adjusted by surrounding stations. gauge probably tampered with.

Station terminated 12/36

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
			Pennill	16m	N.	Patterdale	4m	W.