

RAINFALL AT Lochmaben Esthwaite

Lat. _____

Lon. _____

 County of Dumfries

Rain Gauge, by _____

Observer

W. J. Halliday Esq
Annan - 4.

Diameter			5								
Height			1. -								
Altitude			1707	1663							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				1.71	4.68	2.05	2.62	1.22	2.00		
February				5.21	7.22	1.15	2.16	2.52	4.37		
March				1.52	1.86	2.97	4.34	6.00	.99		
April				1.25	1.83	2.43	1.53	2.80	4.09		
May				2.28	4.20	.33	.66	2.34	2.41		
June				1.85	3.99	1.46	3.98	3.27	2.51		
July				3.09	2.72	7.08	5.34	1.89	.42		
August				4.96	3.36	5.91	1.82	7.42	4.84		
September....				2.25	.32	.63	4.77	3.21	2.31		
October				5.07	3.72	3.61	3.30	2.55	3.51		
November....		⁴⁸ 3.38	1.96	5.43	5.83	1.52	3.84	3.42			
December			1.86	5.85	4.28	3.62	4.46	7.82	5.01		
TOTALS				37.00	43.61	37.07	36.50	44.88	35.88		

Lochmaben Church 300 yards S.W.

House 30ft high 63ft N.

Wall 7. - 45. N

RAINFALL AT *Lochnaben Eschwaite*

Lat.

Lon.

County of *Dumfriesshire*

Rain Gauge, by *Cassell & Co. 1885*

Observer *W. J. Halliday Esq J.P.*

Arran - Lt.

Diameter ..				5							
Height				10							
Altitude ..				166							
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				5.19	3.19	2.13	5.03	1.93	3.97	4.24	
February ..				4.21	2.90	1.97	2.38	2.55	3.27	1.85	
March				5.74	3.83	4.90	2.71	3.77	4.29	4.21	
April				1.26	3.34	3.60	1.44	2.72	1.65	3.92	
May				3.04	2.71	2.98	6.17	5.08	3.30	2.87	
June				1.94	3.74	2.62	1.45	6.34	2.75	3.02	
July				4.72	3.36	3.18	2.74	2.90	3.34	4.09	
August				5.74	4.71	3.64	7.88	4.79	3.88	1.97	
September ..				3.69	1.70	2.33	1.13	.60	4.54	1.93	
October				9.85	2.20	2.57	4.20	7.72	2.20	10.10	
November ..				3.18	2.60	3.95	2.95	3.16	2.99	1.37	
December ..				3.28	2.57	1.67	3.13	6.19	3.95	5.56	
TOTALS ..				51.84	36.85	35.57	41.21	47.78	40.13	45.13	

1903 *Lochnaben Church* ²⁵⁰ 200 yards S W
 Station ^{1/2} mile N
 House ³⁰ 20 ft high 90 ft S

RAINFALL at Lochnaben, EsthwaiteCounty of DumfriesObserver W. J. Halliday Esq.River Basin Eden-Aunan 3.4Rain Gauge, by Casella
No. 7565

Diameter ...	5										
Height	1	0									
Altitude ...	166	B									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.35	1.44	4.50	4.52	3.44	3.30	5.80	2.34	5.13	3.45	5627
February ...	5.24	4.93	3.15	2.36	5.97	8.15	3.95	1.24	5.01	.98	4698
March	2.84	1.16	5.14	3.91	4.92	1.79	1.60	2.29	1.53	3.97	2915
April	3.42	3.84	.67	4.38	1.98	2.62	2.73	2.28	.82	2.28	2502
May	2.48	2.08	1.42	3.75	2.67	1.81	3.80	2.95	2.34	.91	2421
June	1.57	2.14	5.71	2.66	.53	.80	2.47	2.68	1.35	2.18	2209
July	5.40	1.41	3.53	.81	2.94	3.72	5.98	2.24	3.64	1.17	3084
August	7.92	2.62	6.49	1.25	3.32	2.80	4.31	7.39	4.00	3.86	4396
September ..	1.02	2.25	2.19	2.27	1.84	1.34	2.38	4.09	6.53	3.46	2737
October ...	2.75	3.55	3.83	3.55	1.43	2.38	7.30	5.84	5.95	1.95	3853
November ..	4.57	4.81	3.47	4.91	4.44	2.62	3.94	4.01	3.24	3.59	3960
December ...	4.35	7.17	5.77	2.55	6.12	6.94	4.49	2.63	4.57	7.11	5170
TOTALS ...	43.91	37.40	45.87	36.92	39.60	38.27	48.75	39.98	44.11	34.91	40.972

1914 Lothwaite House 30ft. high 30 yds. S.

1917 July 9 fanned 40 ft NW

1918 July 1 60 ft NW.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911.	55.7°	3 25°	Lochnaben	½ mile	N.	Lochnaben	200 yds.	SW x W.

RAINFALL at Lochnaben (Edinburgh)County of DumfriessObserver W. J. Halliday, Esq., M. B. E. J. P.River Basin 4 Annan.Lochna Rain Gauge, by 1875.

(1927) B.O.

Diameter ...	5										
Height	1.0										
Altitude ...	166										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 MEANS.
January ...	5.40	7.46	5.03	2.97	5.03	3.78	5.96	4.56	9.38	1.85	5.91
February ...	2.29	.39	(3.64)	5.96	.75	5.26	5.60	2.90	4.08	1.93	.19
March	4.61	5.30	2.14	1.75	1.39	1.11	1.65	3.58	5.11	1.41	2.92
April.....	2.00	1.57	2.54	4.80	3.56	4.99	2.62	2.73	1.27	.99	1.90
May	5.41	2.67	2.82	2.10	5.99	5.61	3.68	2.80	1.51	3.36	1.64
June	1.69	.59	2.10	1.23	1.98	.51	3.45	4.21	6.72	2.66	2.52
July	4.45	5.30	5.83	3.64	4.06	1.88	4.03	7.13	3.63	5.29	5.69
August	4.80	6.44	3.28	9.40	5.31	5.16	4.65	6.69	7.92	6.47	7.82
September...	2.21	2.25	2.78	5.12	5.64	3.13	4.15	6.85	2.37	.62	2.76
October.....	2.21	3.07	2.78	6.53	3.42	5.14	4.42	4.36	8.50	5.71	7.70
November...	2.68	2.31	1.74	4.03	2.97	2.32	5.88	4.78	5.57	6.92	4.34
December...	4.55	5.24	4.39	4.16	7.65	3.29	1.31	1.59	4.41	7.55	4.36
TOTALS...	43.90	43.19	39.07	51.71	45.75	42.18	47.40	52.18	60.47	44.76	47.75
	0	D	D	D	D	D	D	D	D	D	D.

1920. Edinburgh House 30 ft. 3y 4th. S. of gauge.

1922. Interpolation accepted for Jan.

1926. House 30 ft high 20 yds S.

1927. Garden Wall 5 ft high 10 ft. W.

" " " 20 " N.

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
1920.	55° 37' N.	2° 25' W.	Lochnaben	1/2 mi.	N.	Lochnaben	200 yds.	W. by W.

RAINFALL at Lochnaben (Cotswolds)County of DumfriesshireObserver W. T. Saeed, M.B.E.River Basin H. AnnanType of Gauge StandardAnnual Average 40.7 in. based on 35 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. 5

Diameter	5"										
Height	1' 0"										
Altitude	166'										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.89	5.26									
February	3.45	5.08									
March	1.08	3.54									
April	1.70	3.19									
May	3.88	2.88									
June	6.89										
July	5.75										
August	1.67										
September	1.33										
October	2.55										
November	9.52										
December	3.36										
TOTALS	46.04	41	Probably terminated (as - no Lochmaben).								

1931. House 30' high 27 yds. S.E. Garden wall 5' high 6 yds. W. Garden wall 8' high 6 yds.

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
1931.			Lochnaben	1/2 m	N.W.	Lochnaben	200 yds.	W.