

RAINFALL AT

Carlisle (Rose Hill)

80

Lat.

Lon.

County of *Cumberland*

Rain Gauge, by

Observer *C. Lonsdale Esq*

Green + Solway - 1

Diameter				8							
Height				1							
Altitude				102 $\frac{1}{2}$							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January.....				3.47	5.05	2.06	3.73	1.89	1.40		
February....				1.80	1.69	2.05	1.23	.99	.83		
March				1.08	2.34	1.99	2.09	1.81	2.40		
April				1.73	1.46	1.45	1.68	2.02	.96		
May .....				.81	2.31	1.81	3.35	1.36	1.03		
June				3.27	.50	1.20	1.75	.44	1.63		
July				2.85	6.14	1.90	4.22	2.45	5.90		
August				3.07	1.14	3.69	1.42	3.25	3.17		
September...				4.48	3.17	3.12	3.58	4.30	1.10		
October				3.11	1.84	2.21	4.47	1.97	2.13		
November...				3.61	1.03	2.09	3.87	2.83	3.67		
December....				3.25	4.24	1.36	4.35	2.59	1.84		
TOTALS				32.48	30.91	24.93	35.74	25.90	26.06	N.R.	

1883. Weathered Ch. 2 1/2 m S.E.

Dwarf Apple trees 5ft high 11ft N.E., S.E., S.W., & N.W.

RAINFALL AT Carlisle Rose Hill

Lat. _____

Lon. _____

County of Cumberland

Rain Gauge, by _____

Observer Claud Lonsdale

Eden + Solway - 1

Diameter	8										
Height	10										
Altitude	102										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.56										
February ....	.57										
March	2.46										
April	1.12										
May	2.12										
June	3.96										
July	2.23										
August	4.16										
September...	3.22										
October	1.79										
November...	4.65										
December ...	.69										
TOTALS	30.47										

1890 Wetheral 2 1/2 miles SE

Dwarf apple tree 5 feet high 11 ft NE, SE, SW & NW

RAINFALL at Carlisle, Rose HillCounty of CumberlandObserver H. Lonsdale Esq.River Basin Eden - Solway I.M.C. Rain Gauge, by _____

Diameter ...									8"		
Height									1' 0"		
Altitude ...									105'		
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.
January ...									1.13	1.30	
February ...									.83	.26	
March .....									.35	2.62	
April									1.65	1.34	
May									1.42	1.08	
June									4.66	1.91	2.82
July									3.55	4.04	5.55
August									5.94	5.96	8.64
September...									1.85	1.46	2.26
October									4.15	4.79	4.15
November...									4.49	4.88	3.43
December...									2.81	6.21	2.02
TOTALS...									inf	34.63 D.	38.47 D.

Inns 9 ft. high. 13' N.W., S, + S.W., S.E.

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
			<u>Scotby</u>	<u>1/2 ml.</u>	<u>S</u>	<u>Scotby</u>	<u>1/2 ml.</u>	<u>S</u>

RAINFALL at Carlisle (Rose Hill)County of CumberlandObserver Henry Lonsdale, Esq.River Basin Eden & Solway - 1.Type of Gauge M.O.Annual Average in. based on years obs. un-weighted. Period of average Ref.

593036/28.

Diameter	8.										
Height	1. 1.										
Altitude	105.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.55	3.37	3.26	3.81	1.91		2.67	2.99	4.52	1.19	
February	2.78	.04	2.26	.14	4.71		3.74	1.09	2.66	.77	
March	.99	3.52	1.99	1.78	.99		.91	1.67	2.87	4.72	
April	1.92	2.42	1.35	2.99	3.29		2.98	.48	1.56	1.49	
May	2.37	2.91	2.22	2.72	.63		2.71	3.63	1.54	1.91	
June	6.61	.96	1.91	2.77	3.56		1.74	3.36	2.95	1.00	
July	3.83	6.89	3.45	3.47	1.34		2.61	4.82	4.65	5.48	
August	2.74	1.90	2.20	4.13	2.13		2.29	2.80	2.35	2.23	
September	1.24	5.15	1.17	3.09	3.54		2.67	2.43	1.21	3.47	
October	2.63	4.98	2.72	4.61	5.90		2.02	7.02	1.72	2.27	
November	4.69	2.00	.77	.78	3.26		.50	6.94	4.51	2.90	
December	2.16	2.46	.68	3.84	1.83		1.76	3.54	1.18	3.10	
TOTALS	34.51	36.60	23.98	34.13	33.09	N.R.	26.60	40.77	31.72	30.53	
	D.	D	D.	D.	np. 16.6		D	D	D	D	

1933. Fruit tree nine feet high - 13 ft. N.E.W.
 1935. Record for 1935 received 17.10.35.

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.			Scotby N.E.	½ m.	S.	Scotby.	½ m.	S.

Station No. 3621

RAINFALL at Carlisle (Rose Hill)

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County of CumberlandObserver H. Lonsdale Esq.River Basin Eden & Solway - 1Type of Gauge M.O. ?Annual Average in. based on years obs. un-weighted. Period of average Ref

File No. 893035/28

Diameter	8"				604	395						
Height	1' 6"					1					1' 3"	
Altitude	105'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	37	3.29	3.77	3.11	3.45	3.35	2.35	6.31	2.26	2.26		
February	3.03	1.73	2.67	1.30	3.85	1.82	31	2.11	2.31	3.87		
March	2.88	1.47	1.10	.42	1.74	1.66	3.67	1.77	1.15	2.05		
April	.84	1.35	1.93	1.61	1.78	1.33	3.53	2.50	2.91	3.37		
May	2.54	2.14	3.16	1.93	4.70	1.31	3.31	1.26	1.93	1.80		
June	.43	.86	2.43	3.62	2.82	2.37	3.03	4.86	1.16	2.71		
July	1.16	3.80	2.99	3.08	2.17	3.94	4.31	1.80	2.67	3.38		
August	3.89	2.84	5.02	3.85	2.05	5.07	.14	6.00	1.85	5.57		
September	1.20	4.05	4.14	6.01	2.92	5.01	2.28	2.96	1.17	6.43		
October	6.02	3.61	4.31	2.78	3.62	.63	.56	3.78	6.03	3.08		
November	2.08	.88	1.93	6.44	.24	4.38	4.60	3.25	4.54	3.26		
December	.95	3.67	1.46	3.48	1.88	2.89	2.25	3.05	6.11	1.92		
TOTALS	25.39 D	29.69 D	34.91 D	37.63 D	31.22 D	33.76 D	30.34 D	40.65 D	34.09 D	39.70 D		

1942 Fruit trees 7' high 12' N.E., S.E., S.W., N.W.

1947 Big?

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
1942			Scotby	1 ml.		Scotby All. Saints	1 ml.	

BRITISH RAINFALL ORGANIZATION

Station No. 3671

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RAINFALL at Carlisle (Rose Hill)County of CumberlandObserver H. Longdale Esq.River Basin Eden & Solway - 1Type of Gauge N.O. ?

Annual Average in. based on years obs. un-weighted. Period of average Ref.

File No. 893035/28

Diameter ...	8"				604	395					
Height ...	1' 3"					1					
Altitude ...	105'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.49	3.09	1.37	2.67	2.48	2.57					
February ...	2.87	1.15	1.36	2.15	1.02	1.05					
March ...	3.72	1.61	.60	1.58	.90	1.14					
April ...	1.88	3.02	3.05	1.06	1.52	1.36					
May ...	1.69	1.72	1.55	2.45	2.48	1.33					
June ...	1.72	3.47	1.03	5.25	2.17	2.55					
July ...	3.03	2.17	5.74	4.51	1.69	3.64					
August ...	3.75	3.21	4.85	5.02	1.96	9.25					
September ...	3.45	3.27	4.10	6.20	2.26	2.40					
October ...	.82	2.46	1.68	8.15	3.32	2.66					
November ...	6.68	2.55	4.80	4.92	1.10	1.59					
December ...	5.15	3.74	2.06	3.88	5.11	3.26					
TOTALS ...	38.25	31.46	32.19	47.84	26.01	32.80					
	D	D	D	D	D	D					

1951. First Trace T' 15' SE, NE, NW & SW.

An av. 33.72 in. based on 24 yrs. obs. with 1929-50. 1 1/2 in. less. Period Jan. 1916-50.5 - Rejected.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 51 434261

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Scotby	1 1/2 SE	Scotby	1 1/2 SE

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		1928	1931-35, 37-40	✓	
		✓	✓	✓	