

RAINFALL AT Carlisle (Rose Hill)

80

Lat.

Lon. County of Cumberland

Rain Gauge, by

Observer C. Sonnale SelfCaren + Solway - 1

Diameter											
Height											
Altitude											
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		
May81	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	NR	

1883. Weather Ch. 2nd m S.E.

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

RAINFALL AT Carlisle Rose Hill

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer

Cloud LonsdaleEden + Solway 1

Diameter	8										
Height	10										
Altitude	102										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	3.56										
February57										
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										
December69										
TOTALS	30.47	41.8									

1890 Wetheral 2 1/2 miles SE

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

RAINFALL at Carlisle, Rose Hill
 County of Cumberland Observer H. Lonsdale Esq.
 River Basin Eden - Solway I.

M.Q. Rain Gauge, by _____

Diameter ...										8"	
Height										1' 0"	
Altitude ...										105'	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN.
January ...										1.13	4.80
February83	.26
March35	2.62
April.....										1.65	1.34
May										1.62	1.08
June										4.66	1.91
July										3.55	4.04
August										5.94	5.96
September...										1.85	1.66
October.....										4.15	4.79
November...										4.49	4.88
December...										2.81	6.21
TOTALS...										inf	34.63
										D.	38.67

Trees 9 ft. high. 15' N.W., S, & SW., S.E.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
 Map, 2 miles to 1 inch Series }

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

RAINFALL at Carlisle (Rose Hill)

County of Cumberland. Observer 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.

893036/28.

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	2.48	.04	2.26	1.14	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. n.p.s.e.	N.R. 26.60	40.77	31.72	30.53		
	D.	D.	D.	D.		D.	D.	D.	D.		

1933. Fruit trees nine feet high - 13 ft. N.S.E.W.

1936. Record for 1935 exceeded 17.10.26.

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	Parish Church.	Distance from gauge
1931.			Scotby N.E.	2m	S.	Scotby	2m. S.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 3621

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RAINFALL at Carlisle (Rose Hill)

County of Cumbria..... Observer H. L. H. Esq.

River Basin Eden & Sarkay - 1

Type of Gauge M.A. ?

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

File No. 893035/28

Diameter	8"			604	395						
Height	1' 0"					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	1.31	2.11	2.31	3.87	
March	2.88	1.47	1.10	1.42	1.74	1.66	3.67	1.77	1.15	2.05	
April	1.84	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	1.43	.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	1.14	6.00	1.85	5.57	
September	1.20	4.05	4.14	6.01	2.92	5.01	2.28	4.96	1.17	6.43	
October	6.02	3.61	4.31	2.78	3.62	6.3	.56	3.78	6.03	3.08	
November	2.08	.88	1.93	6.44	2.4	4.38	4.60	3.05	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	2539	29.69	34.91	37.63	31.22	33.76	30.34	40.65	34.09	39.70	
	D	D	D	D	D	D	D	D	D	D	10

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

1947 Beg.

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
1942			Scotby	1 mle.		Scotby All. Saints	1 mle.

Station No. 3671

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RAINFALL at Carlisle (Rose Hill)

County of Cumberland

Observer H. Lonsdale Esq.

River Basin Eden & Solway - 1

Type of Gauge A.D. ?

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	2.56					
July	3.03	2.17	5.74	4.51	1.69	3.64					
August	3.75	3.21	4.85	5.02	1.96	9.26					
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	47.34	26.01	32.80					
	D	D	D	D	D	D					

1951. Faint trace 7° 15' SE, NE, NW & SW.

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An av. 33.72 in. based on 24 yrs. obs. within 1929-56. 1/2 miles Period of av. 1916-50-3 Rejected.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference 551434:61

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1951			Scatby	1 ml	SE	Scatby	1 ml SE

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
			imp C1928 ✓	1931-35, 37-40	✓	✓