

## RAINFALL at

Carlisle Denton Holme

County of Cumberland

Observer

Carlisle Journal

River Basin

Eden &amp; Solway

Wm. Eggleston Esq

Rain Gauge, by

Diameter ...			5								
Height .....			2.0								
Altitude ...			57								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 MEANS Totals
January ...		.90	1.16	2.26	1.76	2.70	2.29	1.55	2.63	2.55	9.02
February ...		3.75	1.23	1.62	2.38	3.13	2.11	1.02	2.38	.98	6.49
March .....		.64	3.26	3.15	2.20	1.51	1.99	1.01	.96	1.89	5.85
April .....		1.91	.25	3.25	1.06	1.92	1.98	2.54	.89	1.00	6.11
May .....		3.30	1.69	4.89	1.40	2.04	1.95	2.15	1.55	1.38	7.03
June .....		3.91	4.36	2.46	1.04	1.06	2.51	1.89	1.33	2.05	7.78
July .....		2.36	2.11	1.77	2.58	3.78	5.06	1.42	3.59	1.58	11.65
August .....		.80	3.74	2.15	2.57	3.20	2.40	4.09	2.82	2.92	12.23
September ..		2.10	2.37	2.25	1.63	1.10	2.32	3.52	6.07	1.67	13.58
October ...		1.00	2.76	2.79	1.09	1.26	4.20	3.06	3.14	2.46	12.86
November ..		4.17	2.24	2.48	4.19	1.03	3.20	2.05	1.75	2.10	9.10
December...		4.63	3.90	2.06	3.29	4.67	3.50	1.51	3.25	2.86	11.12
TOTALS ...		29.47	29.07	28.25	25.19	27.40	33.51	25.81	30.06	23.44	112.82

1911 + 1912 (months) Received VIII. 13. Entered 17. XI. 13  
 1910 When met 50 ft high 300 yards 5 ft

Rejected from Survey. 3" low.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1912	54.53	2.56	Carlisle	$\frac{1}{2}$ m	SE	St James	$\frac{1}{4}$ m	N.W.

RAINFALL at Carlisle Denton HolmesCounty of CumberlandObserver M. Eggleston EsqRiver Basin Eden - Solway 1.

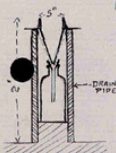
Rain Gauge, by \_\_\_\_\_

Diameter ...	5												
Height .....	2 0								1' 0"				
Altitude ...	57												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	930. MEANS.	1920-30 Totals	
January ...	3.18	3.10	1.75	2.30	2.05	2.20 7.00	2.34	2.95	4.91	1.32	3.45	29.58	
February ...	1.58	.55	2.50	3.43	.96	4.80	3.46	1.45	2.35	.41	.34	21.83	
March .....	2.64	2.68	1.09	.71	1.34	1.17	1.12	2.53	2.23	.47	2.46	18.44	
April .....	2.53	.82	1.46	2.15	1.63	3.46	1.62	2.29	.48	1.41	1.39	19.24	
May .....	2.63	1.09	1.88	1.35	3.40	3.22	1.90	1.34	1.40	1.38	.92	20.51	
June .....	2.64	.80	.87	.49	2.26	.88	3.01	3.17	3.52	1.61	2.80	21.45	
July .....	4.00	1.70	4.91	1.42	4.78	1.96	2.90	4.94	3.24	3.93	5.74	39.52	
August .....	2.35	3.37	2.09	6.93	3.04	2.89	2.81	6.70	5.28	5.66	5.80	46.92	
September...	1.81	3.50	3.15	2.67	3.40	3.98	6.06	5.42	2.51	1.19	2.15	35.84	
October .....	1.00	1.95	1.03	4.70	4.00	3.57	2.95	2.05	3.65	4.68	3.90	33.54	
November...	1.40	1.99	.37	3.42	1.92	.85	4.38	3.04	4.31	4.03	3.02	28.73	
December...	2.82	2.88	3.20	2.42	4.41	2.98	.57	1.00	2.22	4.43	1.94	28.87	
TOTALS...	28.58	24.43	24.33	31.99	33.25	(31.36)	33.12	36.88	36.70	30.52	33.91	344.47	

1920 Bolton Mill 50 ft high 300 yds SW

1925 Jan + Feb apportioned by ref to 3619

Ref. 9.4.53.



Revised from survey. 3' low.

Position of Station on reduced Ordnance Survey  
Map, 2 miles to 1 inch Series

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° 53'	2° 56'	Carlisle	1/4 mi	S.E.	St James	1/4 mi	N.W.

RAINFALL at Carlisle (Denton Holme)County of CumberlandObserver W. Eggleston, Esq., J.P.River Basin Eden & Solway-1

Type of Gauge

Annual Average 30.1 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. S  
(see notes on un-weighted averages in hand survey)

705290/26.

Diameter	5.											
Height	1.0.						2.0.	1	0			
Altitude	57.						56	57				
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	1931-40 Means Totals	
January	2.28	2.64	2.10	3.56	1.45	2.21	2.00	2.31	3.91	(1.15)	23.61	
February	2.26	.15	2.25	.15	3.30	1.93	3.18	1.03	2.44	.55	17.24	
March	1.02	(2.90)	1.73	1.67	1.69	1.47	1.09	1.42	1.81	4.39	19.19	
April	1.30	(2.17)	.89	2.34	3.80	.78	2.39	.55	1.13	1.28	16.63	
May	2.01	2.36	2.74	2.25	.70	.50	2.48	.87	0.85	2.27	17.03	
June	5.68	1.12	2.10	3.14	3.49	2.25	1.61	3.32	2.35	1.51	26.57	
July	4.13	6.20	3.10	3.46	1.19	3.47	2.90	4.53	5.27	5.10	39.65	
August	2.82	2.64	2.04	4.03	1.91	1.74	2.02	3.19	2.87	2.14	29.40	
September	1.40	5.70	.88	3.42	3.44	5.30	2.99	2.31	1.22	3.47	30.13	
October	2.52	4.49	2.37	3.81	6.22	3.02	1.93	6.39	1.85	2.49	35.09	
November	3.84	1.44	1.21	.75	2.86	3.15	0.56	6.49	4.09	2.52	26.91	
December	1.92	2.41	.93	3.21	1.61	3.92	1.83	2.33	1.14	2.86	22.36	
TOTALS	31.18	34.22	22.34	31.79	31.66	30.04	24.98	34.94	28.93	29.73	299.81	

1931. bottom mill 50' high 300 yds. S.W.

1932 March &amp; April adjusted by surrounding stations.

1940. Jan. total from nearby Sins.

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.			Carlisle	1/2 m	S.E.	St. James.	1/4 m	N.W.



Station No. 3620

RAINFALL at Carlisle (Denton Holme)

41

County of Cumberland

Observer W. Eggleston Esq J.P.

River Basin Eden + Solway

E.J.M. Lawrence Esq (1943)

Type of Gauge Snowdon (p.m. 8.40)

GAUGE 1950

Annual Average 30.1 in. based on 5 years obs. un-weighted. Period of average 1881-1915 Ref. S.

(See notes on reweighted averages in Cumb. survey)

File No. 70.5.29.9/26

Diameter	5"				606	357					
Height	1'					1					
Altitude	57'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 -Means Totals
January	77	2.77	2.88	2.49	3.00	2.73	1.90	5.85	2.23	2.02	26.64
February	2.39	1.57	2.05	1.32	3.50	2.06	.19	1.90	2.20	3.43	20.91
March	2.50	.93	.78	.31	1.26	1.35	2.64	1.52	1.07	1.64	14.00
April	77	1.32	1.71	1.38	1.58	1.25	3.70	8.21	2.86	2.93	19.71
May	2.29	1.76	2.72	1.56	4.47	1.34	2.90	.77	1.88	1.89	21.58
June	30	.74	3.21	2.94	2.40	2.14	3.12	4.82	.89	2.26	22.82
July	1.86	3.49	3.01	3.01	2.14	3.80	4.03	1.68	2.62	2.73	28.37
August	8.57	2.13	4.56	3.73	1.89	5.63	.15	6.27	1.57	5.45	34.95
September	.54	4.24	3.08	5.49	2.72	5.06	1.86	5.10	.77	6.29	35.15
October	5.82	3.83	3.38	2.54	3.20	.63	.46	2.74	6.86	2.87	32.33
November	1.77	.85	1.81	5.35	.37	3.84	4.48	3.04	4.38	2.67	28.56
December	1.05	3.23	1.21	2.53	1.40	2.54	1.88	2.80	5.66	1.48	23.78
TOTALS	23.63 W	26.86 W	30.40 M.	32.65	27.93	32.37	27.31	38.70	32.99	35.96	308.80

1941: Bottom Mill 50' high 300yds S.W.

1944 Jan. part cut off.

1947 Another Bottom Mill, newly erected, 75' high 60yds S.W.

1950 Buildings 50' x 60' high 100' S.W. + 60' W.

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

No. of Map.....

Reference No. 35-396547

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941	54° 53' N.	2° 33' W.	Carlisle	1/2 mile	S.E.	St. James	1/2 mile	N.W.

BRITISH RAINFALL ORGANIZATION

Station No. 3620

RAINFALL at

Carlisle (Denton Balne)

51

County of

Cumberland

Observer

E. J. M. Lawson Esq.

River Basin

Eden & Solway - 1W. P. Pagan Esq. (1952)

Type of Gauge

GlaisherAnnual Average 30.1 in. based on 5 years obs. un-weighted.

Period of average

1881-1915

Ref.

S30.45 " " " 35 " " 1916-1950

File No.

19.6-1950  
10.5290/26 P

Diameter ...	5"				606	257	-				
Height ...	1' 0"					1					
Altitude ...	51'					51					
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.85	2.38	1.12	2.38							
February ...	2.65	.75	.92	(1.97)							
March ...	3.40	1.28	.33	(1.67)							
April ...	1.46	1.78	2.10	(.88)							
May ...	1.51	1.39	1.69	2.10							
June ...	1.20	3.94	.96	4.13							
July ...	2.44	2.35	3.72	3.88							
August ...	3.59	3.02	4.18	4.34							
September ...	3.13	3.17	3.65	5.60							
October ...	.83	1.42	3.38	7.79							
November ...	6.06	2.14	4.07	(4.98)							
December ...	4.40	3.08	1.88	3.13							
TOTALS ...	34.52	26.70	28.00	42.85							

1951 below mill 50' 100 yd SW; 78' 60 yd W:

1954 4th May 1958 app. Now pasture  
T. 1958

Cotton Mill &amp; Power House 60' 150 S.S.W.

34024

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference 35 346507

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951 1954			Carlisle Carlisle (Cathedral)	1/2 ml 1 mi	SE NE.	St. James	1/4 ml	NW

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
	C1911	✓	✓	✓	