

RAINFALL AT *Carlisle Cemetery*Lat. *54° 52' 56" N*Lon. *2° 57' 02" W*County of *Cumberland*Rain Gauge, by..... Observer *Mr. J. Leaman**10/1879 J. Bell*

Diameter .....	.8											
Height .....	.8									4		
Altitude	<i>114</i>		<i>114</i>	⁷								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEAN.	
January.....	3.09	1.56	3.52	4.44	3.36	3.81	1.00	5.23	3.00	1.18	3.019	
February	1.66	1.81	2.42	6.0	2.37	.71	3.17	2.64	1.81	1.20	1.839	
March	<i>1.61</i>	<i>1.14</i>	<i>2.89</i>	<i>1.90</i>	<i>2.14</i>	<i>.72</i>	<i>3.26</i>	<i>2.20</i>	<i>1.22</i>	<i>1.36</i>	<i>1.744</i>	
April.....	.87	2.41	1.28	.40	1.13	.75	2.63	2.01	2.87	1.42	1.677	
May	1.66	1.30	2.24	1.96	1.38	1.53	1.21	2.09	2.39	2.10	1.786	
June.....	1.76	2.90	4.05	1.61	1.11	2.51	2.48	2.27	3.02	3.20	2.491	
July	<i>.91</i>	<i>3.94</i>	<i>3.80</i>	<i>5.09</i>	<i>2.40</i>	<i>4.03</i>	<i>2.50</i>	<i>5.38</i>	<i>.94</i>	<i>4.86</i>	<i>3.385</i>	
August.....	3.33	2.81	3.50	4.35	6.95	2.14	3.17	7.39	4.00	4.13	4.183	
September.....	1.79	2.39	4.74	2.47	4.01	3.61	3.14	2.23	4.15	2.40	3.093	
October.....	<i>4.71</i>	<i>2.99</i>	<i>4.16</i>	<i>4.57</i>	<i>5.12</i>	<i>3.59</i>	<i>2.64</i>	<i>4.02</i>	<i>3.19</i>	<i>1.77</i>	<i>3.676</i>	
November.....	2.06	1.70	2.43	1.81	3.65	2.83	2.23	6.04	1.57	1.10	2.542	
December.....	.83	3.11	2.60	1.17	2.11	1.80	4.27	3.13	1.52	1.47	2.201	
TOTALS	23.28	28.12	37.63	30.37	35.73	28.03	31.70	44.63	29.68	26.19	31.536	

RAINFALL AT *Carlisle Cemetery*

3619
80

Lat. _____

Lon. _____

County of _____

Cumberland

Rain Gauge, by _____

Observed _____

Hartwell, Esq.

Glen & Solway - 1

Diameter	8										
Height	4.0				3.0			4.0			
Altitude	114 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.83	.30	1.90	3.38	5.84	1.74	4.22	1.80	1.38	1.02	2.291
February	1.98	2.85	1.60	1.88	1.40	2.04	1.08	1.34	.84	1.60	1.681
March	1.22	2.27	2.30	1.42	2.14	1.90	2.52	1.80	2.22	2.20	1.999
April	2.32	.67	3.12	1.90	1.46	1.56	1.76	2.18	.98	2.16	1.813
May	1.30	2.04	1.18	.94	2.50	1.83	3.26	1.38	1.20	2.72	1.835
June	2.18	3.74	2.68	2.86	.36	.96	2.12	.30	1.82	1.42	1.844
July	5.67	4.01	4.66	3.18	6.84	1.98	4.74	2.30	5.66	3.14	4.218
August	1.22	5.68	3.08	2.68	1.50	3.78	1.66	3.66	3.57	5.14	3.137
September	3.64	2.34	1.88	5.28	2.66	3.62	3.46	4.68	1.26	2.44	3.124
October	1.45	2.02	2.76	3.30	2.04	2.52	3.98	2.36	2.22	3.94	2.659
November	3.59	3.53	5.26	3.96	.76	1.88	3.39	2.94	3.68	1.64	3.063
December	3.43	2.45	2.56	2.92	3.34	1.42	3.54	2.68	2.14	2.26	2.672
TOTALS	29.33	31.90	33.18	33.70	30.84	24.63	35.73	27.38	26.97	29.70	30.336

1881 May, July, Sept^r and October printed differently by Registrar General.

1882 Nov^r printed by Reg. Gen as 7.26 but observer states that 5.26 is correct

1884 St. James Church 250 yards N.E.
Tells 7ft high 6ft S.

Hydro No 606270

NGR NY 390544

Ht 114 ft.

RAINFALL AT

Carlisle Cemetery

Lat. _____

Lon. _____

County of _____

Cumberland

Rain Gauge, by _____

Observer _____

S. Martineau Esq

Eden & Solway - 1

Diameter	8											
Height	3 0						3 6					
Altitude	114 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	3.36	.86	2.18	1.20	2.42	2.24	1.92	.94	2.58	4.62	2.232	
February ....	.62	.14	1.68	3.86	5.64	.78	1.54	2.16	2.73	1.66	2.081	
March	2.36	1.72	.86	1.38	1.52	2.68	4.24	3.92	.94	1.60	2.122	
April	1.38	1.12	1.18	.92	1.90	1.48	2.30	1.42	3.44	2.58	1.772	
May	2.72	1.56	3.94	1.76	3.58	.64	.58	1.50	2.98	3.00	2.226	
June	4.02	1.36	3.12	2.54	3.76	1.64	3.54	3.48	2.38	1.18	2.702	
July	2.60	3.00	1.94	2.76	2.72	5.78	3.44	1.68	1.06	3.80	2.878	
August	4.30	6.94	6.72	3.88	7.28	5.54	2.08	4.46	4.04	1.80	4.704	
September....	3.36	4.80	6.16	3.12	.42	1.28	4.08	4.40	1.64	3.68	3.294	
October	2.34	3.00	3.68	3.40	2.88	4.04	4.48	2.00	3.68	2.28	3.178	
November....	4.38	2.66	1.98	1.82	3.38	3.16	1.26	3.78	3.10	3.22	2.874	
December ....	.52	5.48	1.54	3.30	3.38	3.08	3.54	3.70	3.44	1.76	2.974	
TOTALS	31.96	32.64	34.98	27.94	38.88	32.34	33.00	33.44	32.01	31.18	33.037	

1890

Hydro No. 606270

Nat. N.Y. 390544 H-114

RAINFALL AT

Carlisle Cemetery

Lat.

Lon.

County of

Cumberland

Rain Gauge, by

Observer

*S. Bartonell Esq
Heston, Gp*

Eden, etc. - 1.

Diameter ..	8											
Height	30	4.0										
Altitude ..	114	7										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.58	2.02	2.40	4.34	2.18	1.42	4.02	1.16	2.92	2.92	2.596	
February ..	3.82	1.08	1.04	5.00	2.24	1.38	1.70	1.74	2.68	2.10	2.278	
March ....	.44	1.84	2.36	3.76	2.54	2.56	2.00	2.65	3.68	3.78	2.561	
April	2.44	2.28	1.58	2.06	2.26	2.90	.94	2.06	2.08	2.66	2.136	
May	1.94	2.02	2.48	2.76	2.62	1.56	3.80	3.20	3.28	1.16	2.492	
June	6.58	1.76	1.66	1.60	1.86	1.26	1.46	4.64	1.70	2.74	2.526	
July	1.60	1.26	2.46	4.80	1.84	2.54	2.04	2.38	3.50	4.88	2.730	
August	5.60	4.40	2.50	4.90	3.54	3.06	4.72	3.32	3.18	(4.37)	3.950	
September ..	1.98	.98	1.62	3.76	1.14	2.20	1.30	.70	3.88	(1.26)	1.882	
October	4.74	4.18	2.94	9.54	1.54	2.22	4.40	6.22	1.98	(5.65)	4.341	
November ..	3.70	3.64	1.28	2.58	2.60	2.54	3.02	2.68	2.56	(1.00)	2.560	
December ..	4.14	3.74	3.20	2.14	2.26	1.34	2.48	5.64	1.86	(4.72)	3.152	
TOTALS ..	39.56	29.20	25.52	47.24	26.72	24.98	31.88	36.49	33.30	37.24	33.213	

Rema that the Recorder stopped

*Aug - Dec 1909 enough obs. for working average v. 12
distributed by Rickaby 13.4.10 188*

Lat. 1909 In a table in the Carlisle Journal of Jan 10, 1910 the total for 1909 was given as 33.13 in. The months were written for XL 19 + the Sept. (J. J. Chavlin) of Carlisle in a letter dated 3.11.19 said "there are no met. records in this office from 1910." There was not considered to be sufficient evidence to justify the retention of the figure (37.24) in. given above.

J. J. 17.11.22.

Hyd. No. 606270

N.R. 47390544 Ht. 114 ft.

RAINFALL at Carlisle Spital CemeteryCounty of CumberlandObserver J. F. Charlton EsqRiver Basin Eden & Solway 1Rain Gauge, by N 3

Diameter ...	8											
Height	4.0			1.6			1.0					
Altitude ...	118			115			114					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	1910-19 Means. Totals	
January ...	2.73	1.04	1.45	2.17	2.64	3.17	3.55	1.53	3.13	2.88	11.09	
February ...	4.04	3.98	1.39	1.27	2.59	3.56	3.31	1.16	2.86	1.05	8.38	
March	1.25	1.33	4.19	3.77	2.67	1.88	2.14	1.98	.66	2.35	7.13	
April	1.69	2.75	.42	2.77	1.36	1.91	2.44	2.45	.50	1.49	6.88	
May	2.07	2.30	1.81	1.78	1.73	2.04	2.98	1.91	1.88	1.10	7.87	
June	1.53	3.79	4.13	2.50	1.06	1.15	3.30	2.01	.87	2.66	8.84	
July	3.76	.69	2.64	1.12	3.04	3.80	4.61	1.31	3.73	.87	10.52	
August	4.28	2.20	4.47	2.17	2.73	3.27	2.39	5.64	3.21	2.96	14.20	
September ..	.38	2.16	2.22	2.31	1.28	1.03	2.06	2.61	7.36	1.81	13.84	
October ...	1.68	2.23	2.60	2.51	1.11	1.25	5.10	4.33	4.00	2.36	15.79	
November ..	3.61	3.34	2.65	3.40	4.52	.58	4.14	2.83	2.01	2.36	11.34	
December ...	2.62	4.73	3.73	2.46	3.58	4.64	2.75	1.40	3.44	3.32	10.91	
TOTALS ...	29.64	30.54	31.69	28.23	28.31	28.28	38.77	29.16	33.65	55.11	126.79	

1912 Railings 6 ft high 2 ft W
 1918. Tree 40 ft - 30 yds W.
 Chapel 50 ft - 100 - S.W.

Hydro No. 606270

N.C.R. NY 390544

Ht 114 ft

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Carlisle	1 m	NE	St James	1/4 m	NE

RAINFALL at Carlisle Hospital CemeteryCounty of CumberlandObserver J. T. Charlton Esq.River Basin Eden-SchwarzH. B. B. Esq.Glaisher Rain Gauge, by M. J.

Diameter ...	8											
Height	16			10								
Altitude ...	114											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEANS	1920-30 Totals
January ...	4.17	5.01	2.25	1.94	2.77	2.19	2.67	2.97	5.13	.98	3.97	34.05
February ...	2.61	.16	2.87	4.08	.95	4.82	3.94	1.41	3.16	.91	.24	25.15
March	3.11	3.71	1.31	.84	1.73	1.27	1.39	2.58	2.57	.41	2.32	21.24
April	2.17	.86	1.89	2.55	1.81	2.27	1.75	2.33	.65	1.57	1.43	20.33
May	3.48	1.28	1.79	1.98	3.63	3.48	2.16	1.67	1.59	1.31	.96	23.33
June	2.11	.65	2.98	.60	1.90	.40	2.17	3.07	4.23	1.62	3.16	23.89
July	4.26	2.44	4.54	2.22	4.63	1.97	2.94	3.34	2.88	3.95	4.92	38.09
August	2.50	5.39	2.53	7.42	3.13	3.18	2.91	7.11	5.03	6.17	7.13	52.50
September...	1.89	2.15	2.92	3.01	3.33	4.08	5.74	6.99	1.92	1.49	1.91	35.43
October	1.00	2.56	1.20	5.61	4.13	2.73	3.15	1.86	3.39	4.61	3.95	35.19
November...	2.02	1.68	.84	4.06	1.97	1.06	4.23	3.21	4.19	4.42	3.27	30.95
December...	2.79	3.94	3.43	2.42	3.03	2.72	.65	.79	2.43	5.22	1.98	31.40
TOTALS...	32.11	29.53	28.55	36.73	35.01	32.17	34.70	37.33	37.17	32.66	35.24	371.55
	D	D	D	D	D	D	D	D	D	D	D	

1929. Memorial stone 5'-10" high } within few yards surrounding gauge.
 26'-25" " }
 Chapel 20' " 2 100 yards S.W.

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	Parish Church.	Distance from gauge	Direction
			Carlisle	1 mi	N.E.	St James	1/2 mi	N.E.

RAINFALL at Carlisle, (Spital Cemetery)County of Cumberland, Observer L. C. Collett, Esq.River Basin Eden & Selway - 1. The SuperintendentType of Gauge GlaisherAnnual Average 31.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. Boyd

42797/30.

Diameter	8.											
Height	1.0.											
Altitude	114.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means. Totals	1931-40
January	2.71	2.92	3.06	3.84	1.89	2.16	2.68	2.08	4.31	(1.50)	27.15	
February	2.65	.07	2.23	.12	4.12	2.30	3.60	.94	2.35	.54	189.2	
March	.89	3.55	1.54	1.73	1.14	1.60	1.04	1.44	1.90	4.38	192.1	
April	1.88	2.11	.89	2.25	3.15	.69	2.52	.42	1.23	1.64	167.8	
May	2.05	2.60	2.36	2.14	.53	.46	2.56	2.93	0.73	2.00	183.0	
June	5.33	.89	2.43	2.85	3.63	1.84	2.60	3.18	2.46	1.33	266.7	
July	4.32	5.94	3.20	3.38	1.92	3.49	3.10	4.31	5.17	6.34	444.7	
August	2.80	1.32	1.53	4.80	2.43	1.66	1.91	2.90	2.92	2.46	247.3	
September	1.27	5.35	.93	3.16	3.63	3.94	2.83	2.17	1.04	3.64	279.6	
October	2.40	6.01	2.75	4.21	6.17	3.24	2.01	6.67	1.66	2.04	361.6	
November	4.34	1.87	.93	.79	3.06	3.34	.65	5.91	3.70	2.86	276.5	
December	2.07	2.25	.95	3.86	2.03	3.93	1.03	2.69	1.17	2.95	229.3	
TOTALS	32.71	32.88	22.80	33.13	33.70	28.98	26.47	35.64	28.54	31.68	307.83	1931-40
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.		

1931. Memorial stone 5-10' high few yards distant surrounding. Tree 20-25' high - sun? Chapel 30' high 100 yds. S.W.

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
1931.			Carlisle Citadel	3/4 m	E.	St. James's	1/4 m	N.E.

Station No. 3619

RAINFALL at Carlisle (Spital Cemetery)

41

County of Cumberland Observer The Superintendent

River Basin Eden & Eborac - 1

Type of Gauge Glaisher

Annual Average 31.2 in. based on 35 years obs. unweighted. Period of average 1881-1915. Ref. B. & N.

File No. 42797/3a

Diameter	8"				606	270						
Height	1' 0"					1						
Altitude	114'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1941-50 Means	74.6
January	30	2.75	3.41	2.69	2.55	2.87	2.16	5.85	2.32	2.03	26.93	
February	2.88	1.56	2.49	1.13	4.16	2.11	12	1.96	2.12	3.77	22.29	
March	2.72	1.28	.91	.34	1.45	1.33	3.46	1.53	1.08	1.66	15.76	
April	.83	1.12	1.88	1.44	1.74	1.30	3.71	2.84	2.88	2.95	20.09	
May	1.86	1.83	3.22	1.69	4.69	1.36	2.88	.77	1.90	1.87	22.07	
June	.40	.96	2.54	3.48	2.49	2.16	3.13	4.88	.88	2.27	23.19	
July	1.62	3.56	2.96	3.18	2.66	3.79	4.07	1.69	2.63	2.75	28.91	
August	3.94	2.81	4.65	3.42	1.86	5.70	.16	6.24	1.58	5.29	35.65	
September	1.24	3.93	3.17	5.72	3.10	5.12	1.86	5.10	.79	6.27	36.30	
October	5.58	3.94	4.30	2.62	3.19	.54	.45	2.75	7.14	2.85	33.36	
November	1.95	.92	1.56	5.93	.28	3.89	4.44	2.99	4.35	2.65	28.96	
December	.98	3.37	1.12	2.97	1.64	2.64	1.83	2.68	5.69	1.51	24.43	
TOTALS	24.30	28.03	32.21	34.61	29.81	32.81	28.27	38.67	33.36	35.87	317.94	10

1941: Memorial Stone 5'-10" high within five yards of surrounding. Tree 20'-25" high within five yards of surrounding.
 Chapel 30' high 100 yds S.W.

282.07

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	Parish Church.	Distance from gauge.	Direction
1941			Carlisle Citadel	½ mile	E	St. James	½ mile	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 3619

RAINFALL at Carlisle (Gravel Cemetery)

51

County of Cumberland

Observer The Superintendent

River Basin Eden & Solway - 1

Type of Gauge Glaisher

Annual Average 31.8 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. 18 of N.

32-12- " " " " 1916-1950

1916-1950

File No. 22797/30

Diameter ...	8"				606	570				8"	
Height ...	1' 0"					1				1' 0"	
Altitude ...	114'					51				114'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.47	2.59	1.22	2.45	2.09	2.46	3.24	2.08	1.79	4.50	25.89
February ...	2.65	1.05	1.05	1.93	.86	.94	1.74	3.39	1.00	1.57	16.18
March ...	3.41	1.31	.60	1.38	.67	1.16	2.40	1.31	1.22	0.84	14.30
April ...	1.45	1.91	2.52	.85	1.33	1.33	.94	1.33	2.18	2.13	15.97
May ...	1.48	1.92	1.36	2.32	2.18	1.34	1.42	3.00	.74	1.67	17.43
June ...	1.17	2.92	1.01	4.75	2.31	2.00	1.22	2.73	5.63	0.77	22.51
July ...	2.41	2.26	5.52	4.17	1.85	3.85	2.64	3.93	2.91	3.40	32.94
August ...	3.57	3.37	4.15	4.46	1.71	8.78	4.47	4.64	.43	3.06	39.94
September ...	3.08	3.46	4.03	6.02	2.04	2.62	3.91	3.96	1.34	2.14	32.60
October ...	.79	2.08	1.88	7.98	1.84	2.73	3.07	2.72	3.19	2.38	28.66
November ...	6.03	2.15	4.19	4.71	.95	1.40	.75	1.13	3.35	4.55	29.21
December ...	4.62	3.27	1.87	3.24	4.60	2.90	2.83	2.12	3.43	3.11	31.99
TOTALS ...	34.13	28.29	29.40	44.76	22.43	31.51	28.63	32.34	25.21	30.92	307.62
	D	D	D	D	D	D	D	D	D	D	10

1951: Memorial stones 5'-10" W. Main fence yd, surrounding; Trees 20'-25' surround

Chapel 30', 100 yd SW:

Inspected 13.9.59 by H.H. Minter. G. paint encrusted but sound. Railing enclosure 6' at 4's, 4's, 7' N and W. Cypress 12'-25' W site growing. Screen 6'-8' W. Solar thermometer 3'6"-2'5" N

(84.24.39.54)

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference NY(35)388545

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1951			Carlisle Citadel	1 ml.	NE	St. James	1/4 ml.	NNE

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
	✓	✓	✓	✓	