

RAINFALL AT *Alston*

Lat.

Lon.

County of *Cumberland*

Snowdon Rain Gauge, by
South Tyne - 5

Observer

Diameter ...											5	
Height												
Altitude ...											870	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January ...										(2.00)		
February ...										4.07		
March										4.08		
April										3.65		
May										1.53		
June										(1.00)		
July										2.83		
August										5.76		
September...										3.34		
October.....										8.15		
November ...										1.91		
December ...										4.01		
TOTALS ...										(42.33)		

Alston Church. 1/4 mile

January & June estimated.

Copy from 1890 ten year sheet 12.2.15.

RAINFALL AT

Alston

Lat. _____

Lon. _____

County of Cumberland

Snarleton Rain Gauge, by
South Tyne - 5

Observer _____

Diameter	5											
Height												
Altitude	870											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	6.27	4.74	4.02									
February	1.18	.79	4.00									
March	4.25	3.65	1.57									
April	2.46	2.49	#									
May	2.79	2.52										
June	4.87	1.54										
July	3.12	4.78										
August	5.78	9.05										
September....	4.37	6.60										
October	5.39	3.76										
November....	6.55	3.67										
December90	11.54										
TOTALS ...	47.93	55.13										

Alston Church $\frac{1}{4}$ Mile

1889 C. Feb 4.07 Mar 4.08 Apl 3.65 May 1.53 June 2.00 Jul 2.83 Aug 5.76 Sep 3.34
Oct 8.15, Nov 1.91 Dec 4.01.

1889 Jan 2.52 2.00 June 2.00 1.00

1

Rejected from Survey 7" high

RAINFALL AT

Alston, Low ^{Manor} House

Lat.

Lon.

County of *Cumbria*

Rain Gauge, by *N 43*

Observer *J. R. Walton Esq*

S. Type - 5.

Diameter ..								5			
Height								10			
Altitude ..								920			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..								1.74	3.42	3.68	
February ..								2.80	3.27	4.27	
March								4.52	4.33	4.38	
April								2.73	3.25	2.77	
May								4.56	3.04	1.68	
June								3.79	1.43	3.04	
July								2.61	2.33	7.39	
August								4.78	4.07	4.53	
September ..								.35	4.83	3.14	
October								6.60	1.58	5.59	
November ..							5.60	2.60	3.99	2.58	
December ..								6.35	2.16	4.57	
TOTALS ..								43.43	37.70	47.62	

1907 Alston Station N.E. Ry

RAINFALL at Alston Lowbyer Manor HouseCounty of CumberlandObserver J.R. Walton EsqRiver Basin South Tyne 5Rain Gauge, by N+3

Diameter ...	5										
Height	1.0										
Altitude ...	920										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	5.03										
February ...	5.86										
March	2.11										
April	2.77										
May	3.41										
June	2.19										
July	5.61										
August	5.39										
September ..	.51										
October ...	3.77										
November ..	2.86										
December...	3.43										
TOTALS ...	42.94										

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Alston Viarage.County of LancashireObserver Rev. A. R. Watson ^{June 15} London.River Basin South Tyne 51929 Rev. N.A. Walton.L.O. pattern Rain Gauge, by _____

Diameter ...											5	
Height							1.0				1.0	
Altitude ...							940				940.	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. MEAN.	
January ...								5.20		1.09	7.68	
February ...								1.57		.48	1.02	
March								1.74 2.6		.54	2.62	
April								4.97 2.73		1.41	2.90	
May								2.73 2.11		2.04	2.44	
June								3.96		2.18	2.15	
July								4.29		4.18	6.37	
August								8.71		5.51	8.49	
September...							imp.	8.52		1.96	3.63	
October							4.16	3.88		6.51	6.56	
November...							5.69	5.54		6.11	5.09	
December...							1.82	2.31		9.16	3.78	
TOTALS...							imp.	55.84 9	N.O.	40.16	52.73.	
								D.		D	D	

1926. Viarage Wall, 20' high, 22½' N.

Trees 50' high, 40' S.W.

Shrubs 10' " 15' W.

Houses 40' " 16½' E.

1927. Revised value sent in reply to Ctr D.2 on 26/7/34

Position of Station on reduced Ordnance Survey } No. of Map _____

Map, 2 miles to 1 inch Series _____

Reference No. _____

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1926.	55° 2'	3° 16'	alston	4 in.	N.W.	alston	200 yds.	N.

RAINFALL at Alston Vicarage,County of Cumberland,Observer Rev. N. A. Walton,River Basin South Tyne - S.Type of Gauge M.O.

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

f 78619627

Diameter	5.										
Height	1.0.										
Altitude	940.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	4.29	7.43	4.68	5.23	2.44	4.94	5.37	5.95	7.22	2.95	5050
February	4.46	7.9	5.81	2.7	7.13	3.96	5.02	2.08	4.08	1.38	3498
March	1.29	3.48	2.97	4.19	1.63	2.25	3.81	1.56	5.11	5.30	3159
April	3.95	5.30	1.70	5.78	4.10	2.00	2.05	1.39	2.72	2.77	3176
May	2.32	3.08	2.36	4.07	.88	1.64	3.11	2.87	1.36	2.34	2403
June	5.71	2.00	2.85	2.32	3.25	3.64	1.78	5.47	2.57	.85	3044
July	5.25	4.78	3.26	4.25	2.37	4.77	2.32	3.78	5.04	5.84	4166
August	3.62	2.44	4.06	3.42	1.67	1.68	2.63	3.66	3.22	2.63	2903
September	1.66	6.61	1.63	3.28	5.71	4.83	3.34	1.71	1.58	4.82	3517
October	3.44	7.77	4.80	7.04	8.03	5.02	2.39	10.03	5.80	4.92	5729
November	4.60	3.37	2.45	2.35	5.17	5.75	.90	7.38	7.81	4.96	4474
December	3.07	3.39	1.04	6.08	2.04	5.19	4.00	5.07	1.89	5.10	3687
TOTALS	43.66	50.44	37.61	48.28	44.42	45.67	36.72	51.00	46.40	43.86	44806
	D	D	D.	S. d	X.D	D	D	D	D	d	

1933. Vicarage 25' high 31½' N. Trees 50' high 50' S.W.

Shrubs 10' high 20' E.

1937. Shrubs 20' high 20' E.

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	Direction
1933.			Alston L.N.E.R.	½ m	N.N.W.	Alston	200 yds.	N.

Station No. M. 3659RAINFALL at Abston Vicarage

41

County of CumberlandObserver Rev. N. A. WaltonRiver Basin South Tyne 5Type of Gauge M.O.Annual Average 6.17 in. based on 45 years obs. un-weighted. Period of average RefFile No. 788.19.4.127

Diameter	5"				013	455					
Height	1' 0"					1					
Altitude	940'					41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.82	4.59	5.89	5.74	6.16	4.06	3.88	10.04	2.36	3.87	
February	5.64	1.79	3.84	3.34	4.17	4.09	3.43	3.83	3.99	8.53	
March	3.31	2.51	1.75	1.02	2.78	1.88	5.25	3.42	1.16	2.52	
April	2.05	2.66	3.06	1.92	2.37	1.75	7.39	2.88	5.24	3.94	
May	2.85	2.81	3.92	2.91	4.65	1.57	2.28	1.22	2.21	2.89	
June	1.11	.89	2.83	4.42	4.21	3.21	4.25	5.60	1.00	2.93	
July	1.10	3.95	2.89	3.44	2.19	4.69	4.18	3.90	2.93	3.00	
August	5.34	3.30	6.35	3.14	3.76	6.15	.23	5.62	2.15	6.34	
September	1.67	4.51	3.67	6.36	3.05	5.87	2.80	4.76	1.51	8.29	
October	6.28	6.03	5.63	4.54	4.72	.90	.72	3.34	4.87	3.77	
November	2.81	1.02	3.23	9.78	.79	7.41	6.60	3.09	8.10	6.73	
December	2.42	4.53	1.91	4.92	1.94	3.83	2.84	4.20	9.07	2.55	
TOTALS	37.40	38.59	44.97	51.53	40.79	45.31	43.85	51.90	44.79	52.36	

F44: Used in general table in table. Original unbroken. G.W.

94 87 100 115 92 101 98 116 100 117

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

1 mile to 1 inch Series

Reference No. 35-718464

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

BRITISH RAINFALL ORGANIZATION

Station No. 3659 m.RAINFALL at Alston Vicarage

51

County of CumberlandObserver Rev. N. R. WaltonRiver Basin Gaith. Tyne - 5W. R. Richardson, Esq. (V.M.S.)Type of Gauge M.O.Annual Average 44.7 in. based on 44 years obs. un-weighted. Period of average Ref.File No. 78196/27

Diameter ...	5"				013	455						
Height ...	1' 0"					1						
Altitude ...	940'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	2.90	5.36										
February ...	3.01	1.89										
March ...	4.94	1.63										
April ...	2.71	2.75										
May ...	2.83	1.91										
June ...	1.33	2.72										
July ...	3.05	2.78										
August ...	3.60	4.68										
September ...	3.48	5.19										
October ...	1.02	4.50										
November ...	9.86	3.69										
December ...	8.58	(5.20)										
TOTALS ...	47.31	(42.30)										

1952 Range measured on 1st. xii. to Garrigale, about 3 mi SSE, then 36° 30' E.

Dec. 1952 etc. against Alston Grammar School

00014

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference

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

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
		29-30 Camp 1926-27 ✓	✓ but 9.24, 40	✓ but 41, 43-45	