

RAINFALL AT Alston

Lat.

Lon.

County of Cumberland

Snowdon Rain Gauge, by
south type - 5

Observer

Diameter										5
Height										
Altitude										870
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889
January										MEANS.
February										(2.00)
March										4.07
April										4.08
May										3.65
June										(1.00)
July										2.83
August										5.46
September										3.34
October										8.15
November										1.91
December										4.01
TOTALS										(42.33)

Alston Church. $\frac{1}{4}$ mile

January & June estimated.

Copy from 1890 ten year sheet 12.7.15.

RAINFALL AT

Alston

Lat.

Long.

County of

Cumberland

Snowdon Rain Gauge, by
South Tyne - 5

Observer

Diameter	5										MEANS.
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	
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	2								
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 Feb 4.07 Mar 4.08 Apr 3.65 May 1.53 June 9.20 Jul 2.83 Aug 5.76 Sep 3.34

Oct 8.15 Nov 1.91 Dec 1.01

1890 Jan 2.87 2.00 June 2.71 1.00

}

Rejected from Survey 7" high

RAINFALL AT

Alston, Lowther ^{manor}
House

Lat.

Lon.

County of Cumbria

Rain Gauge, by N & 3

Observer J R Walton Esq

for G. Hall

S. Type - 5.

Diameter ..								5		
Height ..								10		
Altitude ..								920		
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	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
December ..								6.35	2.16	4.57
TOTALS ..								43.43	37.70	47.62

1907 Alston Station N.E.Ry.

RAINFALL at Alston Lowbyre Manse House

County of Cumberland

Observer

J.R. Waltonby

River Basin South Tyne 5

Rain Gauge, by Nt3

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 Vicarage.

County of Cumberland

Observer Rev. A. R. Walton ^{June 1929} ~~Rev. A. R. Walton~~.

River Basin South Tyne 5

1929 Rev. A. R. Walton.

Mean Rain Gauge, by

Diameter ...										5	
Height							1.0			1.0	
Altitude ...							940			940.	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN.
January ...							5.20		1.09	7.68	
February ...							1.57		.48	1.02	
March							14.98		.54	2.62	
April							4.97				
							2.73		1.41	2.90	
May							2.77		2.04	2.44	
June							3.96		2.18	2.15	
July							14.29		4.18	6.37	
August							8.71		5.51	8.49	
September...							imp. 8.52		1.96	3.63	
October....							4.16	3.88	6.61	6.56	
November...							5.69	5.54	6.11	5.09	
December...							1.82	2.31	9.16	3.78	
TOTALS...							imp. 55.84	N.O. D.	40.16 D.	52.73 D.	

1926. Vicarage Wall, 20' high, 22½' N.

Trees 50' high, 40' S.W.

Shrubs 10' " 15' W.

Hedges 40' " 16½' E.

1927. Revised values due to reply to Cir D.2 Case 707938/26

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

Date.	Lat. N.	Long.W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1926.	55° 2'	3° 6'	alston	1/2 in.	NW.	Alston	200 yds. N.

RAINFALL at Alston Vicarage.

County of Cumberland.

Observer Rev. N. A. Walton,

River Basin South Tyne - 5.

Type of Gauge M.Q.

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

Ref.

f 788196/27

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	7.79	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	5.26	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	3817	
October	3.44	7.77	4.80	7.04	8.03	5.02	2.39	10.08	5.80	4.92	5729	
November	4.60	3.37	2.45	2.35	5.17	5.76	.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	3627	
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.	D	D	D	D	D	D	D	

1933. Vicarage 25' high 31° N. Tree 50' high 50° S.W.

Shrub 10' high 20° E.

1937. Shrub 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 LNER.	2m	N.N.W.	Alston	200yds.	N.

Station No. M. 3459

RAINFALL at Alston Vicarage

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County of Cumbria Observer Rev. N.A. Walton
 River Basin South Tyne 5
 Type of Gauge M. O.

Annual Average ~~4.7~~ in. based on years obs. un-weighted. Period of average Ref.

File No. 788196/27

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	2.58	3.87	
February	5.64	1.79	3.84	3.34	4.17	4.09	3.43	3.83	3.99	5.23	
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	4.31	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	7.9	7.41	6.60	3.09	8.10	6.73	
December	2.42	4.63	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	45.21	43.85	51.90	44.79	52.36	

1941: Ruled in general table on station. Original unbroken G.L.

94 87 100 115 92 101 ~~117~~ 98 116 100 117

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

Reference No. 35-716464

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

Station No. 3659

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RAINFALL at Alston Vicarage

County of Cumberland

Observer

Rev N. R. Walton

Ref. 37. VI. 52

River Basin South Tyne - 5

W.R. Richardson Esq., (M.R.S.)

Type of Gauge M.O.

Annual Average 44.7 in. based on years obs. un-weighted. Period of average

Ref.

File No. 788196/27

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)									
	D	A.P.									

1952 Change taken on the road to Barrigill, about 3 miles SSW, elev. 3653 ft.

Dec. 1952 est. against Alston Grammar School

00014

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+ Data in General Table, origin unknown

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

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

Summary of Earlier Records from 10-year Sheets :

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
			1920-30	1931-40	1941-50	1951-60
			-29.76	✓	✓	
			Camp 1926-27	✓	✓	
			✓	✓ but d 24, 40	✓ but d 41, 43-45	