

Scaleby House
Scaleby nr. Carlisle

R A Allison 1868
8 in 68 5' in 69 0 65

~~12 in~~ + ground 9 in + sea level 120?

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --				(4.00)	2.31	1.98	3.64	3.63	1.56	3.28	
February --					.83	2.04	2.92	3.20	2.14	3.35	5.04
March -- -					.67	2.30	.50	1.86	.81	3.04	.79
April - - - -					2.68	1.54	.65	.94	4.07	2.57	2.34
May - - - -					2.87	2.38	5.39	1.30	2.02	2.30	2.08
June - - - -					3.87	1.98	1.22	1.84	1.41	.84	1.40
July - - - -					.86	1.31	1.86	3.42	3.47	.71	2.16
August - - -					3.53	1.90	4.24	3.97	1.35	4.17	1.13
September -					5.58	4.37	.70	5.14	2.93	2.60	5.95
October - -					4.47	3.03	4.70	1.70	2.70	2.87	1.85
November -					3.68	1.47	2.52	3.90	.20	1.41	4.86
December -					2.63	2.64	2.15	3.39	2.33	4.35	4.32
TOTALS -					35.67	27.27	28.83	34.30	27.06	29.77	35.20

c c c c c c

1869 5 inch gauge used

1869 5' distinctly marked & instead of 8 in
gauge quite open

1863, Jan. est. (V. 19)

RAINFALL AT Carlisle Scaleby Hall 70

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer R. A. Allison

Diameter....							6		5	
Height							1		1	
Altitude							112		1	
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	MEANS.
January								6.21	3.56	1.54
February....								2.67	2.15	2.78
March.....								1.92	1.22	1.95
April								1.91	2.63	1.13
May								1.53	3.00	1.98
June								2.44	3.13	4.40
July.....								3.85	.99	5.29
August								7.39	4.96	3.38
September ..								2.18	3.97	3.14
October ...								5.53	3.22	1.69
November ..							#	5.71	1.49	1.57
December ..								3.97	1.38	1.87
TOTALS								29.38	34.92	45.31
								31.70	30.72	

old gauge

Position selected by Mr² Lymans Oct¹⁸ 1876

RAINFALL AT Carlisle Scaleby Hall

Lat..... Lon..... County of Cumberland

..... Rain Gauge, by..... Observer R. A. Allison Esq.

Diameter5											
Height	1	1										
Altitude	100	112.0	112. ^N									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	3.81	1.72	4.95	5.73	4.00	4.23	1.36	6.29	3.82	1.54		
February	2.27	2.54	2.90	5.53	2.55	.97	3.86	2.65	2.21	2.78		
March	7.06	1.33	2.71	2.07	2.50	.69	3.78	1.99	1.49	1.95		
April.....	1.30	3.23	1.36	.36	1.29	.96	2.97	1.95	2.92	1.13		
May	2.61	1.16	2.67	2.30	1.58	1.70	1.11	1.56	3.18	1.98		
June.....	2.35	2.94	3.37	1.38	1.70	2.78	3.93	2.47	3.22	4.40		
July	7.06	3.92	4.63	7.09	2.87	3.78	2.62	3.85	1.00	5.29		
August.....	1.49	2.27	2.37	6.01	6.65	2.13	2.27	7.34	4.93	3.38		
September.....	2.28	2.07	4.68	3.53	4.25	3.69	3.35	2.16	4.01	3.14		
October.....	5.00	3.83	5.34	4.64	5.63	3.19	2.80	5.65	3.21	4.69		
November.....	2.25	1.61	2.91	1.87	4.85	3.36	2.13	5.83	1.49	1.57		
December.....	1.41	3.75	4.13	1.11	2.64	1.95	4.74	4.04	4.39	1.87		
TOTALS	26.89	30.37	42.02	36.62	40.51	29.38	34.92	45.78	(32.87)	30.72	35.00	

= new gauge
(and)1871 June 18th. 60 fell in 3 hours in the afternoon1876 A new gauge 5 in casella certified by G. J. S. was placed in its position on Novth, 1st and has been kept since then along with the old gauge : the old one however has been used alone for the purposes of this return. In 1877 the new one will be used but the contents of the old one will be recorded for comparisons

1878 Up to the end of June there was a slight flaw in the copper receiver which allowed some external rain to get in in windy weather.

Scaleby church 700 yds W.

80

RAINFALL AT Carlisle, Scaleby Hall

Lat.....

Lon.....

County of Cumberland

Rain Gauge, by.....

Observer C. A. Allison, Esq.Eden & Solway

Diameter	5									8	5	
Height	1.0											
Altitude	112	ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January	1.03	.95	2.36	3.17	5.03	2.21	3.33	1.97	1.28	1.11		
February	1.83	3.03	2.56	1.51	1.71	2.60	1.29	1.26	.92	1.82		
March	1.59	2.82	2.54	1.76	2.23	2.01	2.39	2.13	2.97	2.43		
April	1.95	1.00	3.83	1.72	1.42	1.35	1.90	2.31	1.20	1.71		
May	1.26	2.25	1.48	1.18	2.02	2.38	3.49	1.40	(1.75)	2.64		
June	2.21	4.64	3.21	3.51	.54	1.52	2.27	.53	1.83	1.12		
July	6.02	3.80	4.98	3.21	6.69	2.08	4.52	2.19	5.67	3.65		
August	1.27	5.18	3.28	3.73	1.56	3.04	1.72	3.52	3.19	4.97		
September	4.06	2.40	1.93	4.12	3.06	4.80	3.76	4.57	1.18	1.98		
October	1.38	2.54	4.35	3.58	1.69	2.39	4.01	1.40	2.36	4.30		
November	3.64	4.39	5.41	4.57	1.25	2.09	3.02	2.94	3.98	1.48		
December	3.03	2.94	2.99	2.60	3.23	1.40	3.90	3.17	2.44	2.49		
TOTALS	29.27	35.94	38.94	34.66	30.43	27.87	35.60	27.39	(28.77)	29.70	31.857	

1881. Scaleby 400 yards W.

Trees 30ft high 90ft S.W.

1883. Vines 10ft high. 20ft N.

1888 May Record lost - estimated from Castleton

RAINFALL AT Carlisle Scaleby

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer The Royal Met SocEden & Solway - 1

Diameter	5										
Height	1	0									
Altitude	112										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	4.47	1.95	2.36	1.29	2.24	2.33	1.78	1.17	1.90	4.45	2.394
February70	.14	1.50	3.95	5.40	.88	1.56	2.08	2.47	1.67	2.035
March	2.46	1.30	.71	1.24	1.29	3.56	3.97	4.04	.72	2.38	2.164
April83	1.34	.87	.60	1.23	1.23	1.67	1.50	4.04	2.73	1.604
May	2.12	2.09	3.92	2.25	3.62	.45	.57	1.68	2.36	3.63	2.269
June	3.71	1.74	3.48	2.33	3.60	2.57	4.46	3.72	2.41	1.26	2.928
July	3.06	3.71	2.38	3.01	2.30	6.60	3.82	1.97	1.09	2.75	3.069
August	4.17	7.56	6.69	4.38	5.79	6.97	1.69	4.38	4.98	.84	4.746
September	3.00	4.70	5.65	4.92	.23	1.23	4.17	3.77	1.89	3.37	3.293
October	2.13	3.49	3.98	3.29	2.81	3.81	5.13	1.82	3.78	1.91	3.215
November	5.50	2.52	2.34	1.52	3.59	2.79	1.22	3.48	2.24	3.26	2.846
December63	6.37	1.38	3.71	2.76	2.65	3.91	3.39	3.85	2.62	3.127
TOTALS	32.78	36.91	35.26	32.49	34.86	35.07	33.95	33.00	31.73	30.87	33.694

RAINFALL AT Carlisle Scaleby

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer The Royal Meteor. Socy

Eden etc - 1.

R. A. Allison Esq

Diameter ..	5										
Height	1.0										
Altitude ..	112										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.14	2.19	2.34	4.78	2.39	1.55	3.46	1.46	3.09	2.87	2.727
February ..	3.40	1.47	1.46	4.26	2.16	1.72	2.05	1.27	2.57	1.90	2.226
March57	1.70	2.53	3.08	2.69	3.20	2.07	3.09	3.60	3.90	2.643
April	2.31	2.22	1.78	2.01	2.58	2.98	1.39	2.00	2.20	2.97	2.244
May	2.12	2.44	2.40	3.53	2.70	2.10	5.01	4.42	3.44	1.86	3.002
June	4.47	2.18	1.75	1.73	2.02	1.28	1.98	5.09	1.48	3.00	2.498
July	2.24	1.22	3.74	5.29	1.50	2.09	2.05	2.55	3.49	5.09	2.926
August	4.98	4.23	3.03	4.44	3.96	3.18	5.79	3.56	3.88	4.65	4.170
September ..	2.19	1.45	1.27	4.14	1.65	2.39	1.25	.47	4.05	2.54	2.140
October	5.42	3.96	3.19	8.79	1.47	2.16	5.74	5.51	2.89	5.59	4.472
November ..	4.00	3.80	1.37	2.81	2.52	2.46	2.85	2.84	2.57	1.47	2.669
December ..	4.11	4.03	2.99	2.24	2.52	2.02	2.69	4.84	1.92	4.68	3.204
TOTALS ..	38.95	30.89	27.85	47.10	28.16	27.13	36.33	37.10	35.18	40.52	34.021 5.44 ✓

1905 Scaleby Church $\frac{1}{2}$ mile W
Carlisle Station 6 . SW
Gauge ex^d by Dr Marshall in 1905

RAINFALL at Carlisle Scaleby Hall

County of Cumberland

Observer Royal Meteorological Society

River Basin Eden & Solway 1

Sir Q. A. Allison

Rain Gauge, by

Diameter ...	5										
Height	1.0										
Altitude ...	112										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.98	1.23	1.55	2.23	2.75	3.04	3.34	1.85	3.43	2.89	
February ...	4.89	3.78	1.88	1.76	2.85	3.48	3.23	1.07	2.92	.78	
March	1.73	1.61	4.05	3.57	3.28	1.94	2.08	1.69	1.49	1.54	
April	2.61	3.10	.46	3.49	1.33	2.60	2.25	2.05	.51	1.43	
May	2.76	2.63	1.50	1.88	1.84	1.59	3.24	3.62	1.53	1.20	
June	1.27	3.71	4.77	2.29	1.29	1.39	2.71	1.61	1.07	2.31	
July	4.84	1.33	2.92	1.38	3.28	3.75	5.77	1.85	3.85	1.02	
August	5.11	3.15	4.69	1.98	3.41	5.97	3.09	7.48	2.13	3.15	
September ..	.79	2.72	2.69	2.44	1.69	1.69	2.31	4.06	7.17	2.24	
October ...	2.13	2.80	2.87	3.16	1.09	1.16	5.69	4.40	4.25	3.07	
November ...	4.26	3.92	2.71	4.15	4.69	1.03	3.61	2.96	1.73	2.58	
December ...	3.00	5.80	3.48	2.32	4.42	5.07	3.22	1.92	3.15	4.01	
TOTALS ...	36.37	35.78	33.57	30.65	31.92	32.71	40.54	34.57	33.23	36.22	
							mm.				

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

RAINFALL at Carlisle Scaleby Hall

County of Cumberland

Observer Sir P. A. Allison

River Basin Eden - Solway

Lady Allison ('26)

Rain Gauge, by

Diameter ...	5"										
Height	10										
Altitude ...	112	111									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	4.39	5.62	2.50	1.99	3.34	2.27	2.77	3.89	6.90	1.05	4.40
February ...	3.22	2.13	4.1	3.39	7.7	4.82	3.81	1.74	3.61	.68	.35
March	3.39	3.16	1.66	.80	1.13	1.52	1.43	2.87	2.65	.61	2.65
April	2.50	1.04	1.85	1.00	1.98	3.35	2.66	2.00	.95	1.31	1.65
May	3.92	1.90	1.47	1.53	3.76	4.00	2.81	1.98	1.23	1.29	1.15
June	1.52	.82	2.92	.71	1.52	.29	3.50	3.61	4.93	2.52	2.79
July	3.53	2.06	3.98	2.36	3.90	2.20	3.54	4.37	7.94	4.65	6.32
August	2.41	4.63	2.81	8.24	3.79	2.78	4.09	5.26	6.52	5.92	7.01
September...	1.97	1.75	2.34	3.43	3.42	4.20	5.64	7.10	1.85	1.26	2.09
October.....	.77	2.76	1.10	5.46	3.34	3.86	3.48	1.92	4.45	4.50	4.61
November...	1.79	2.07	.98	4.02	2.03	1.25	4.31	4.25	4.34	4.77	3.83
December...	3.44	3.78	3.88	2.94	4.47	3.30	.85	.86	2.21	5.28	2.04
TOTALS...	32.85	29.80	28.90	35.87	33.47	33.84	38.89	39.85	43.58	33.84	38.89
	D	D	D	D	D	D	D	D	D	D	D

1927 Inspector by M.T. Spence 29th March Se. Green file.
Slight leak mended April 1927. Change of site 1st June 1927.

1927 Leak in funnel repaired April 29th Instrument altered to new site (chosen by inspector) on June 1st 1927.

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

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	54° 54'	2° 52'						

RAINFALL at Carlisle (Scaleby Hall)

County of Cumberland,

Observer Lady Allison,

left 11/40.

River Basin Eden & Solway - 1.

C.W.A. ~~Atto~~ Slater, Eng.

Type of Gauge.....

Annual Average 33.7 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref B.M.N.

660462/26.

Diameter	5.										
Height	1.0.										
Altitude	III.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.59	3.64	2.63	4.15	1.52	3.35	2.76	3.33	4.72	1.446	3015
February	3.00	11	2.56	.16	4.56	1.78	3.85	1.08	3.94	.83	2187
March	1.20	3.20	2.79	2.28	1.32	1.31	1.16	1.54	2.74	5.78	2332
April	2.21	2.64	1.55	2.64	3.44	.93	2.70	.56	1.32	1.43	1942
May	2.60	3.03	2.08	2.80	.85	.76	3.46	3.66	2.09	1.76	2309
June	6.12	.95	2.04	3.67	4.17	2.67	1.71	4.30	3.09	1.21	2993
July	4.23	6.79	3.50	2.67	1.70	4.65	2.63	5.54	5.39	6.45	4355
August	2.72	2.17	2.30	4.12	2.38	2.11	2.09	2.78	1.80	2.28	2476
September	1.43	4.52	.68	4.06	4.54	5.13	2.69	2.57	1.30	3.45	3037
October	2.96	5.37	2.40	4.65	6.06	3.40	1.66	7.35	1.98	2.78	3861
November	5.31	1.93	.85	.50	3.13	3.48	.75	6.75	4.32	3.24	3026
December	2.52	2.58	.85	4.32	1.78	3.63	1.93	2.95	1.21	3.41	2518
TOTALS	36.89	36.93	24.23	36.02	35.45	33.20	27.39	42.41	33.90	34.08	34050

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

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

Station No. M. 3622

RAINFALL at Carlisle (Scalesby Hall) 41

County of Cumberland Observer C.W.A. Slater Esq.

River Basin Eden & Solway - 1

Type of Gauge.....

Annual Average 33.7 in. based on 25 years obs. un-weighted. Period of average 1881 - 1915 Ref. B of N.

File No. 660462/26

Diameter	5"										
Height	1' 0"										
Altitude	111'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January57										
February	3.00										
March	2.94										
April	1.11										
May	2.33										
June21										
July	1.48										
August	3.89										
September	#										
October											
November											
December											
TOTALS											

1941. Station terminated. No reply to letters.

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