

RAINFALL AT *Carlisle Newby Grange*

Lat. _____

Lon. _____

County of _____

Cumbria

Rain Gauge, by _____

Observer _____

J. H. Hodgson Esq

Eden & Solway - 1.

Diameter . . .								5			
Height								8			
Altitude . . .								64			
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January . . .							1.09	.75	1.74	4.15	
February . . .							1.32	1.66	2.36	1.52	
March							3.67	3.63	.72	1.54	
April							1.64	1.31	3.79	2.44	
May39	1.27	2.23	2.90	
June							3.35	3.00	2.53	1.16	
July							3.27	1.51	1.07	3.11	
August							1.95	3.69	4.14	.95	
September . . .							3.33	3.60	1.15	3.59	
October							3.97	1.77	3.61	1.99	
November . . .							1.13	3.25	2.21	2.72	
December . . .							3.15	2.96	3.43	1.86	
TOTALS . . .							28.26	28.40	28.98	27.93	

Crosby on Eden St John's 1740 yards

N 53° W

House 38 ft high 100 ft

N 48° W

Tree 40 ft high 60 ft

N 45° E + N 136° W

Rejected from survey 5.6m.

RAINFALL AT

Carlisle Newby Garage

Lat.

Lon.

County of *Cumberland*

Smarden

Rain Gauge, by *H & J*

Observer *J. H. Hodgson Esq*

Shew, etc - 1.

Diameter ..	5											
Height	0. 8											
Altitude ..	64 ft											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.43	1.32	1.96	3.29	1.66	.92	2.90	1.25	2.19	1.99	1.991	
February ..	2.89	.82	.97	3.77	1.38	1.23	1.61	1.02	1.76	1.54	1.699	
March40	1.20	1.64	2.23	1.88	2.36	1.77	2.08	2.96	3.04	1.956	
April	2.17	1.59	1.16	1.27	2.24	2.50	.95	1.75	1.74	2.57	1.794	
May	1.63	1.12	2.16	2.62	1.96	1.35	3.92	3.67	2.89	1.45	2.277	
June	4.05	1.62	1.36	1.64	1.39	.96	1.94	4.32	1.23	2.80	2.131	
July	1.54	.81	2.70	4.64	1.42	1.64	2.06	2.58	2.98	4.65	2.502	
August	4.49	3.47	2.40	3.70	3.28	3.04	5.42	2.74	3.07	4.22	3.583	
September..	1.62	.75	1.05	3.33	1.25	2.00	1.09	.34	3.76	2.58	1.777	
October	4.02	3.12	2.65	6.73	1.23	1.59	3.69	4.55	1.73	4.74	3.405	
November ..	2.76	2.69	.75	2.16	1.69	2.07	2.49	2.17	2.05	.85	1.968	
December ..	2.59	3.53	2.37	1.78	1.66	1.44	2.16	4.02	1.52	4.12	2.519	
TOTALS ..	30.59	22.04	21.17	37.16	21.04	21.10	36.00	30.49	27.88	34.55	27.602	

1900 St John's Ch Gosby mlden 1740 yards N 53° W
 House 38 ft high 100 ft N 48° W
 Tree 40 " 66 " N 45° E
 Tree 47 " 66 " N 135° W
 1903 Gosby mlden Station 1 mile N 53° W
 1905 Wetheral NEH . 2 1/2 miles S 10° E

Rejected from Survey. 5' low.

RAINFALL at Farhite Newby GrangeCounty of CumberlandObserver J. H. Hodgson EsqRiver Basin Eden & Solway 1Snowdon Rain Gauge, by N+Z

Diameter ...	5										
Height	0 8										
Altitude ...	64 π										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.52	.81	1.26	2.06	2.33	2.63	3.32	1.65	2.86		
February ...	4.04	2.73	1.56	1.14	2.23	2.97	2.71	.85	2.84		
March	1.28	1.25	3.33	3.33	2.35	2.00	1.47	1.63	1.03		
April	1.77	2.57	.27	2.97	.98	1.97	1.76	1.93	.50		
May	1.88	1.84	1.73	1.38	1.47	1.53	2.83	2.96	1.43		
June	1.26	1.96	4.23	1.99	1.17	.74	2.61	1.86	1.06		
July	3.77	1.23	3.40	2.06	2.78	3.15	4.12	.81	4.10		
August	5.23	2.38	4.20	1.74	2.43	3.83	2.83	5.96	2.47		
September53	2.24	1.95	2.16	1.65	1.06	2.22	2.54	7.06		
October ...	1.45	2.63	2.61	2.79	1.07	.83	4.77	3.73	4.15		
November ...	3.63	2.75	2.10	3.51	3.47	.87	3.48	2.77	1.60		
December ...	2.05	4.37	3.31	2.00	3.74	3.94	2.70	1.63	2.72		
TOTALS ...	29.41	26.76	29.95	27.13	25.67	25.52	34.82	28.32	31.82	NR	
	2	2	3	3	2	2	2	2			

1912 House 38 ft high 100 ft N 48° W
 New 40 + 48 - 66 - N 45° E + N 15° W
 1918 Yr 50 - 66 - N. 65° W.

Rejected from Survey, 5' low.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911	54.58.10	2.50.35	Heads Nook N.E.R.	3 mi	S	Bresbyon Plev	1740 yds	N 55° W