

RAINFALL AT Carlisle Newby Grange

Lat.

Lon.

County of

Cumberland

Rain Gauge, by

Observer

J. H. Hodgson EsqEden or 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	
May .....							.39	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 58° W  
 House 38 ft high 100 ft N 48° W  
 Tree 4084 ft a 60 ft N 45° E + N 136° W

Rejected from survey 5 ft.

RAINFALL AT Carlisle Newby Garage

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Cumberland \_\_\_\_\_

Sundown Rain Gauge, by N+3  
Elevation - 1.

Observer J. H. Hodgson Esq

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
March ..	.40	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	30.00	30.49	27.88	34.55	27.602 23.5

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Hill

1900 St John's Ch Crosby on Eden 1740 yards N 53° W

House 38 ft high 100 ft N 48° W

Trees 40 " 66 " N 45° E

Trees 47 " 66 " N 136° W

1903 Crosby on Eden Station 1 mile N 53° W

1905 Wetheral N.E. 2 1/2 miles S 51° E

Rejected from Survey. 5° low.

RAINFALL at Carlisle Newby GrangeCounty of CumberlandObserver J.H. Hodgson EsqRiver Basin Eden & SolwaySnowdon Rain Gauge, by N.Y.

Diameter ...	5	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
Height .....	0.8											
Altitude ...	647											
Year ...	1910	1.52	.81	1.26	2.06	2.33	2.63	3.32	1.65	2.86		
January ...	2.52											
February ...	4.04	2.73	1.56	1.14	2.23	2.97	2.71	1.85	2.84			
March .....	1.28	1.25	3.33	3.33	2.35	2.00	1.49	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			
September ..	5.8	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		

1912 House 38 ft high 100 ft N 48°W  
Trees 400 ft 66° N 45°E + N 158°W

1918 Tree 50 ft 66° N 65°W

*Rejected from Survey, 5" low.*

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
(Q1)	54.58° 10'	2.50.35'	Heads Nook NER.	3 mi	S	Blessby on River	1740 yds	N. 55°W