

RAINFALL AT Carlisle, Castletown
Cumberland

Observer M. A. Smith

Rain { By
Gauge Diameter 5 in. Height above Ground, 1 ft. 6 in. Above Mean Sea Level ft.

YEAR.....	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January.....							4.73	3.38	2.14	3.42	
February.....							3.05	1.25	3.78	4.32	
March.....							1.76	1.08	3.68	1.13	
April.....							1.10	2.43	2.00	1.11	
May							1.02	2.68	1.42	1.99	
June.....							2.31	1.26	.92	.86	
July							2.75	3.84	.58	1.52	
August.....							3.29	2.08	4.13	1.10	
September.....							4.94	2.83	2.16	6.18	
October							1.57	2.33	2.64	2.20	
November.....							4.35	.66	1.09	4.25	
December.....							4.04	1.78	6.02	2.49	
TOTALS							34.91	25.60	30.56	30.56	

RAINFALL AT Carlisle, Castletown

70

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer W. H. Smith

Diameter.....	5										
Height.....	1.6										
Altitude.....											
Year	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MREANS.
January.....	3.53	1.60	4.53	5.76	4.00	4.29	1.18	5.41	2.79	1.60	3.469
February.....	1.35	2.54	3.01	4.40	3.14	8.85	3.76	2.77	1.57	1.95	2.128
March.....	1.19	1.11	3.15	2.09	3.20	8.0	3.79	1.44	1.03	1.73	1.953
April.....	1.82	2.86	.90	1.18	1.72	6.88	2.79	2.05	2.01	1.42	1.543
May.....	2.19	1.12	1.87	1.85	1.29	1.21	.52	1.84	3.05	1.21	1.615
June.....	2.94	3.19	4.90	1.41	1.43	2.42	.75	2.84	3.48	4.68	2.704
July.....	1.26	4.54	3.95	5.32	2.69	2.84	1.87	4.92	.25	5.52	3.305
August.....	2.49	2.65	2.50	3.77	6.50	1.70	3.48	7.00	4.10	3.98	3.817
September.....	2.35	2.17	4.79	3.31	4.01	5.36	2.77	2.15	4.84	3.06	3.481
October.....	6.75	3.80	5.09	6.70	7.14	3.44	2.71	4.65	2.85	1.95	4.505
November.....	2.33	1.50	2.67	1.20	4.74	2.92	2.33	3.88	.97	.72	2.326
December....	9.83	3.89	3.41	7.4	2.27	1.77	4.17	2.90	.35	1.41	2.189
TOTALS.....	28.17	30.97	40.77	32.73	41.03	28.28	30.12	41.85	27.23	29.23	33.035

First Rpt gives 77 43.87; 79 29.33
over 31.54

RAINFALL AT Carlisle, Castleton

Lat.

Lon.

County of

Cumberland

Rain Gauge, by

Observer W. A. Smith

Eden & Solway 1

Diameter	5										
Height	1.6										
Altitude											
Year.....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.18	65	2.61	3.76	3.85	1.55	2.01	1.30	1.37	1.35	1.963
February	1.88	3.35	2.40	1.35	2.00	1.83	1.10	1.75	.81	1.43	1.790
March	1.68	2.47	2.86	.83	.75	2.01	1.26	.92	2.26	2.41	1.743
April	1.35	1.17	4.22	1.11	1.70	1.63	.85	1.40	1.16	2.53	1.712
May	1.56	1.59	1.07	.35	1.65	2.50	2.87	.95	1.34	2.00	1.588
June	1.44	3.17	2.12	2.52	1.20	1.25	.85	.15	1.34	1.80	1.584
July	5.30	3.46	5.61	2.94	3.86	1.89	4.33	3.04	7.53	2.55	4.051
August85	5.58	3.09	4.17	1.04	2.36	.55	1.90	3.44	3.52	2.650
September....	3.08	2.59	1.37	4.23	2.44	3.63	4.05	5.50	1.27	2.20	3.026
October	1.06	1.16	3.15	3.01	1.28	3.12	3.55	1.22	1.56	4.44	2.354
November....	3.68	2.25	3.58	3.77	1.08	2.09	2.39	2.58	3.70	1.34	2.646
December....	2.84	3.26	1.77	2.11	2.94	.38	3.36	3.46	3.16	1.32	2.459
TOTALS ...	25.90	30.68	33.84	30.15	23.79	24.14	27.16	24.17	28.94	26.89	27.566

Rockcliffe church 1 mile E

RAINFALL AT Carlisle Castleton

Lat.

Long.

County of Cumberland

Rain Gauge, by

Observer

W A Smith

Eden & Solway - 1.

Diameter	5									
Height	1	6								
Altitude										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
January	2.60	.47	1.58	1.12	2.06	1.42				
February46	.17	1.63	4.12	4.39	.13				
March	1.49	.35	.68	.78	1.53	2.59				
April77	.94	1.09	.82	1.54	1.66				
May	2.77	.99	3.53	2.01	3.22	.75				
June	2.65	1.76	3.29	1.29	3.87	1.67				
July	2.48	2.59	1.28	3.29	2.90	5.17				
August	3.00	6.09	5.98	3.28	6.04	5.13				
September	2.25	5.05	5.11	2.39	.55	.67				
October	2.03	2.13	3.27	3.37	2.88	4.07				
November	3.74	2.01	1.56	1.58	2.73	3.33				
December13	6.14	.68	3.83	2.03	3.99				
TOTALS	24.37?	28.69	29.68	27.88	33.74	30.58	Cumberland Beach			

1891 Rockcliffe Church 1½ Mile E
 Trees 40 to 50 ft high soft