

RAINFALL AT *Carlisle, Castle town*

Cumberland

Observer *W. 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	.85	
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	4.28	
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	MEANS.	
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	4.0	3.14	.85	3.76	2.77	1.51	1.95	2.128	
March.....	1.19	1.11	3.15	2.09	3.20	.80	3.79	1.44	1.03	1.73	1.953	
April.....	.82	2.86	.90	.18	1.72	.68	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	.43	2.42	.75	2.84	3.48	4.68	2.704	
July.....	1.25	4.54	3.95	5.32	2.59	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	3.41	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.....	.98	3.89	3.41	.74	2.27	1.77	4.17	2.90	.35	1.41	2.189	
TOTALS.....	28.17	30.97	40.77	32.73	41.03	28.25	30.12	41.85	27.23	29.23	33.035	

First Left gives 77 43.87 ; 79 29.33
aver 31.54

RAINFALL AT *Carlisle, Castleton*

80

Lat. Lon. County of *Cumberland*
Rain Gauge, by Observer *W. A. Smith*

Lodona 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	2.85	.83	.75	2.01	1.25	.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	
August .....	.85	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	1.15	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	3.25	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 Castletown

Lat. _____

Lon. _____

County of *Cumberland*

Rain Gauge, by _____

Observer _____

M A Smith

Eden & Solway - 1.

Diameter	5											
Height	1 6											
Altitude ....	...										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.60	.47	1.58	1.12	2.06	1.42						
February ....	.46	.17	1.63	4.12	4.39	.13						
March	1.49	.35	.68	.78	1.53	2.59						
April .....	.77	.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						
December ....	.13	6.14	.68	3.83	2.03	3.99						
TOTALS	24.37 ²	28.69	29.68	27.88	33.74	30.58	<i>observed</i>					

1891 Rockcliffe Church 1 1/2 mile E
Tree 40 to 50 ft high 30 ft