

RAINFALL AT

Bromley Hall

Mr. Rob' Ellist (Gardener)

Wigton

to Sir Walford Lawson Bart.

at Village of Capelton

Rain \int By

5.63

21.9

Gauge

{ Diameter.....

8

in.

Height above Ground, ..1. ft. in.

Above Mean Sea Level, 120. ft.

YEAR	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January	-		2.89	4.55	1.60	3.00	5.20	2.80	3.63	4.40	
February			1.08	2.75	2.20	2.60	2.00	1.60	4.65	5.93	
March			2.25	.80	3.70	1.40	4.20	.80	5.31	.60	
April			3.60	3.50	1.45	.28	1.60	4.08	2.62	2.19	
May			2.30	3.23	1.90	4.70	1.40	1.40	2.60	2.68	
June			4.08	5.31	3.30	1.00	2.50	1.10	.77	1.59	
July			4.00	1.25	1.00	1.84	3.00	3.10	.73	1.28	
August			4.01	3.65	3.10	3.20	4.70	2.60	1.77	1.57	
September ...			1.08	7.40	3.80	1.40	6.40	2.70	2.46	6.94	
October			7.88	5.20	4.25	3.50	2.00	3.10	4.68	2.88	
November ...			2.08	4.70	3.00	3.30	5.70	2.69	2.58	5.32	
December.....			4.45	3.50	4.20	2.80	4.00	2.00	6.22	4.24	
TOTALS.....			40.50	45.04	33.50	29.02	42.70	27.97	41.02	39.62	

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RAINFALL AT Nigton Brampton Hall

Lat..... Long..... County of... Cumberland.....
 Rain Gauge, by..... Observer W. Robert Elliot
J. Hammond

Diameter8										
Height5	1.6									
Altitude	220.										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS
January.....	4.03	6.25	7.76	5.00	3.40	1.90	7.00	2.85	1.60		
February.....	1.60	2.85	7.5	2.86	1.20	2.95	2.60	2.13	2.20		
March.....	1.53	2.90	2.65	2.33	1.66	2.08	2.00	1.45	2.50		
April.....	1.50	1.79	3.8	1.70	1.08	2.00	2.30	1.26	1.40		
May.....	3.27	2.05	1.68	1.16	1.40	1.58	2.50	1.11	1.50		
June.....	1.93	5.16	1.80	2.24	2.00	3.00	2.90	1.75	4.25		
July.....	1.80	3.92	3.60	2.66	2.25	2.90	4.00	1.46	4.90		
August.....	2.80	2.85	5.20	5.45	3.50	4.40	6.92	4.20	4.10		
September.....	2.94	5.86	2.94	3.98	3.84	3.10	2.87	5.15	3.00		
October.....	6.50	6.84	5.27	6.86	3.40	4.50	5.20	4.00	1.90		
November.....	2.56	4.75	1.70	4.13	2.08	2.20	7.25	2.60	1.70		
December.....	3.66	4.15	1.50	2.30	3.00	5.70	3.75	2.40	3.20		
TOTALS.....	33.12	49.39	35.23	38.67	28.81	35.31	49.29	29.36	32.25		

Wall 12 ft high 50ft from gauge at the nearest point

RAINFALL AT Asaphia, Grayton Hall

80

Lat.

Lon.

County of Cumberland

Rain Gauge, by

Observer M. J. Hammond

Coast - Solway F.

Diameter	8										
Height	1.6										
Altitude	220										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January80	1.00	2.92	3.70	1.70	2.64	3.47				
February	2.70	1.80	2.60	2.12	3.10	3.60	1.74				
March	1.60	2.40	2.75	1.12	2.15	1.40	3.68				
April	2.10	.90	3.38	1.72	1.70	2.81	2.70				
May90	2.30	1.45	1.15	.75	3.50	4.75				
June	2.50	3.90	3.05	2.00	2.00	.90	1.09				
July	4.40	2.30	6.10	1.10	3.15	1.40	3.95				
August75	6.10	1.35	3.10	1.10	2.41	2.02				
September....	4.20	1.80	3.10	3.20	3.25	3.76	5.85				
October.....	1.40	1.90	2.50	4.00	3.00	3.60	4.97				
November....	4.60	5.65	4.50	4.70	4.25	1.32	4.25				
December....	3.90	3.30	3.45	4.15	3.90	1.50	3.69				
TOTALS	29.85	33.35	37.15	32.06	30.05	28.84	42.16	81 R.			

probably too small as x-x

1883 Asaphia ch. 3 m. N.

Walls 12 ft high 60 ft. N.

80° N.

108° S.

120° E.

RAINFALL AT Aspatria Brayton Garden

Lat.

Long.

County of

Cumberland

Rain Gauge, by

Observer W. Stewart

Eden & Solway - 1

Diameter	6	8									
Height	1.6	2.0									
Altitude	200										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	(5.00)	6.67	2.09	2.57	1.18	4.19	2.18	1.68	1.06	6.22	6.16 32.23
February	(1.67)	6.67	.27	2.62	6.22	6.93	.20	2.10	2.62	3.89	3.46 29.31
March	2.54	1.34	1.56	2.27	3.61	4.36	6.90	5.26	2.04	3.27	3.315
April	1.04	.70	1.20	1.00	3.02	2.09	2.66	2.53	2.97	3.28	2.069
May	3.12	2.31	3.90	3.21	4.59	1.36	.67	3.19	3.35	4.52	3.022
June	3.89	.97	4.05	2.94	5.07	1.15	3.72	3.13	3.87	3.55	2.234
July	2.75	2.56	2.33	4.94	2.46	8.37	6.47	2.86	1.09	2.66	2.649
August	3.73	10.06	6.57	5.40	6.23	6.35	3.87	5.33	7.84	2.25	5.762
September	4.44	7.10	7.27	5.52	.63	2.16	7.43	6.86	2.24	6.56	5.021
October	2.50	5.62	5.84	5.18	3.26	6.79	8.03	2.37	4.66	5.16	4.041
November	5.96	3.30	2.85	1.63	5.49	4.19	1.98	7.83	4.54	4.84	4.261
December	.50	7.29	2.49	3.64	4.57	4.26	4.12	6.19	5.82	3.27	4.215
TOTALS	31.77	43.61	43.25	43.13	50.05	43.46	49.63	49.23	48.53	48.98	45.634
	(36.17)										

1890 Aspatria Church 1/2 miles w

1890 January & February, gauge leaking ~~wrong est?~~ from Ullock & Wyke

RAINFALL AT Aspatia Brayton Hall

Lat.

Lon.

County of Cumberland

Sir Wm. Lawson Park MP

Rain Gauge, by

Observer Mr W. Stewart

a Knight Farmer

Eden + C - 1.

Diameter ..	8										
Height ..	2 0	.		0 6		0 9			8		
Altitude ..	200										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	5.99	2.20	1.75		2.84	2.31	5.40		4.31	4.31	
February ..	4.40	1.14	.77		2.95	1.86	2.11		3.24	1.61	
March ..	.51	2.43	1.45		3.05	3.55	2.38		3.52	4.67	
April ..	2.79	2.30	1.29		2.52	3.36	.68		2.20	2.75	
May ..	2.65	1.41	1.54		2.52	2.75	4.33		2.94	1.20	
June ..	2.06	2.20	1.40		2.27	1.92	1.77		2.51	2.17	
July ..	2.81	.94	2.67		2.14	2.67	1.56		4.39	5.62	
August ..	7.75	4.67	2.05		3.70	3.23	6.70		5.74	2.64	
September ..	4.72	1.48	1.79		1.27	3.29	1.52		3.75	2.55	
October ..	6.43	5.29	2.90		2.61	2.84	6.59		1.61	7.02	
November ..	4.04	4.21	1.95		3.79	3.58	3.22		2.78	1.78	
December ..	6.67	3.95	(2.74)		3.61	2.57	3.51		2.92	7.33	
TOTALS ..	50.85	32.12	(22.30)		33.27	33.93	39.77		39.91	43.65	

1902 December 15th Gauge overflowed
 Aspatia Church 1 mile N
 Brayton Station $\frac{3}{4}$. N
 Glass House 20 ft high 400' S
 Trees 30 .. 60 .. N

RAINFALL at Aspatia Brayton Hall

County of Cumberland

Observer Sir Wilfred Lawson Bart
a. King

River Basin Eden & Solway

Rain Gauge, by

Diameter ...	8									
Height	0 8									
Altitude ...	200									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	3.63	1.18	1.74	2.33	3.23					
February ...	5.66	4.46	2.17	2.48	4.51					
March	2.74	6.68	4.54	4.32	3.67					
April	3.22	4.29	.99	3.42	.96					
May	2.36	2.53	1.94	2.29	2.69					
June	1.75	2.23	5.44	3.16	1.83					
July	4.77	.93	4.60	1.01	5.34					
August	4.69	2.38	4.80	1.22	3.89					
September93	2.87	1.63	2.69	1.71					
October ...	2.16	4.88	3.95	2.79	1.33					
November ...	3.61	5.36	4.09	3.89	5.96					
December ...	3.81	6.61	6.09	2.47	5.64					
TOTALS ...	39.33	38.40	41.98	32.07	40.76					

1912 Trans 20 Jchugl 40

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Brayton	$\frac{3}{4}$ mi	N.	Ospatria	$\frac{1}{2}$ mi	W.