

Shottley Hall (Northumberland)

60

200 yds W of Shottley Bridge

Geo Northledge J. Boulton 312 69

Open position on front of lawn - 90 ft from wall 303

Diam 5 in + Ground 0 in + Sea Level 110 ft

YEAR -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January -	2.36	.54	2.44	4.54	1.08	1.66	2.75	3.21	3.54	2.85	2.497
February -	2.57	3.98	1.22	.62	2.19	1.44	3.35	.55	1.46	1.57	1.889
March -	2.94	2.32	4.27	2.24	3.55	1.25	2.56	3.58	1.98	2.07	2.676 +
April -	1.17	1.55	.98	1.15	1.12	1.31	3.64	3.04	3.25	1.60	1.881 -
May -	1.24	1.19	2.89	1.53	2.08	4.00	.81	2.02	.77	3.96	2.049
June -	4.92	3.64	2.42	4.48	1.18	.63	2.12	1.35	.14	1.15	2.203
July -	3.94	4.65	1.84	1.71	.61	1.90	3.12	3.10	.72	.45	2.204
August -	3.19	1.11	2.48	3.10	1.34	3.26	4.10	2.23	2.65	1.29	2.475
September -	1.37	2.57	.81	3.01	1.77	.21	3.89	2.45	4.00	3.72	2.380
October -	2.42	1.26	2.22	3.47	8.10	8.39	.74	.87	1.13	2.11	3.071
November -	4.21	4.82	.86	2.86	2.08	2.24	2.06	.60	3.34	2.93	2.600
December -	5.08	1.17	1.61	1.75	2.92	1.77	2.13	1.71	5.03	2.52	2.569
TOTALS -	35.35	28.80	24.04	30.46	28.02	28.06	31.27	24.71	28.01	26.22	28.494

$$1859 = 23.58$$

RAINFALL AT *Shotton Hall*

Lat.....

Lon.....

County of.....

Northumberland

Rain Gauge, by.....

Observer.....

W. J. Coulson

Diameter3	.										
Height3	.					7	3	9	5		
Altitude	312	.	315	^π								
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.	
January.....	1.75	1.11	3.96	2.05	1.58	2.34	.75	5.12	2.70	1.36		
February.....	2.06	1.89	2.79	1.95	1.78	1.74	2.60	2.14	1.35	2.60		
March.....	1.66	1.30	3.68	2.55	1.35	.63	2.87	5.04	.86	1.57		
April.....	.70	2.72	2.95	.86	1.62	1.28	3.57	5.96	3.45	2.61		
May.....	1.03	1.14	1.55	2.88	2.87	1.26		2.48	4.40	2.29		
June.....	1.58	2.40	2.61	1.80	1.14	2.70		1.81	2.57	4.42		
July.....	.75	2.91	6.49	1.38	1.64	1.62		4.78	.66	3.96		
August.....	2.06	.82	3.55	1.95	2.74	3.06	3.12	8.27	6.73	3.63		
September.....	.88	5.98	3.15	2.02	2.48	3.79	2.91	1.74	1.55	.62		
October.....	4.60	2.54	5.85	1.94	2.08	6.27	1.83	3.26	1.98	.81		
November.....	2.33	2.25	5.43	1.80	4.24	6.96	5.03	2.51	5.75	2.42		
December.....	5.98	1.90	6.02	.51	(4.71)	2.03	10.97	2.48	1.94	.84		
TOTALS.....	2532	2696	48.03	21.69	(2823)	36.68		45.59	33.94	27.13		

1874 Dec? gauge bottle broken by frost amount computed by differentiation

1875 "On the morning of the 13th Nov? the gauge was quite "full but no appearance of it having overflowed"

RAINFALL AT *Shotley Hall*

80

Lat.

Lon.

County of *Northumberland*

Rain Gauge, by

Observer *W^c J. Coulson*

Lyne 3

Diameter	<i>5</i>											
Height	<i>0.5</i>											
Altitude	<i>315 T</i>											
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS,	
January	<i>.58</i>	<i>1.21</i>										
February	<i>3.15</i>	<i>2.62</i>										
March	<i>1.02</i>	<i>2.68</i>										
April	<i>2.85</i>	<i>.97</i>										
May	<i>2.45</i>	<i>1.13</i>										
June	<i>2.51</i>	<i>3.07</i>										
July	<i>5.64</i>	<i>1.99</i>										
August	<i>2.28</i>	<i>7.97</i>										
September	<i>5.05</i>	<i>5.25</i>										
October	<i>6.96</i>	<i>5.71</i>										
November	<i>3.09</i>	<i>3.04</i>										
December	<i>4.11</i>	<i>3.04</i>										
TOTALS	<i>39.69</i>	<i>38.68</i>										

1880. St. Cuthbert's 1/4 mile E

Shrubs 11 ft. high 20 ft S.W.