

Rainfall at Gloucester County, N.J.

50

E. L. L. L.

Diameter of Gauge, $\frac{1}{4}$ in.

Height above Ground, ft. $\frac{1}{2}$ in.

Above Mean Sea Level, $\frac{1}{2}$ ft.

Seven, 2-3.

YEAR - -	1856	1857	1858	1859	MEANS.
January - -		2.0	44	1.25	
February - -		1.1	88	1.47	
March - - -		1.8	32	1.64	
April - - -		1.6	73	1.64	
May - - -		1.6	274	1.64	
June - - -		1.9	130	2.53	
July - - -	16	3.3	160	1.26	
August - -	32	2.5	184	2.79	
September -	24	1.8	2.95	3.07	
October - -		2.9	2.82	1.90	
November -		1.5	36	2.69	
December -		.8	187	1.97	
TOTALS -	22.8	17.96	23.85		

c c

Stamp + '57 from R. Q.

Almost entirely surrounded by high buildings
50 corrected - 19.96 is wrong

Gloucester
County, Maryland

Dr. Williams

E. Toller 1869

+ Ground 100 feet?

+ Sea Level 100 feet

Seven L-3.

YEAR - -	1860	1861	1862	1863	1864					1869	MEANS.
January - -	3.01	1.11	2.53							4.68	
February - -	.45	2.03	.27							3.56	
March - - -	2.00	2.06	3.51							1.46	
April - - -	1.03	.56	2.23							1.18	
May - - - -	2.87	1.16	3.34							3.37	
June - - - -	5.34	2.38	3.49							1.27	
July - - - -	.91	4.15	1.81							.39	
August - - -	3.95	.59	1.86							1.37	
September -	2.53	1.68	3.22							3.34	
October - -	1.63	1.50	4.09							3.70	
November -	2.04	2.88	.57							1.90	
December -	2.25	1.73	1.16							1.21	
TOTALS -	28.01	21.83	28.08							30.43	

1869 W. Williams writes since I left the asylum in 1863 I have kept no register of rainfall.

RAINFALL AT *Gloucester County Asylum*

Lat..... Lon..... County of *Gloucester*

Rain Gauge, by..... Observer *E. Toller*

Season, *2-3*.

Diameter		<i>6</i>			<i>6</i>						
Height		<i>6</i>			<i>0.0</i>						
Altitude		<i>100.0</i>									
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....		<i>1.23</i>	<i>3.70</i>	<i>3.38</i>	<i>2.60</i>	<i>4.06</i>	<i>1.84</i>	<i>4.35</i>			
February.....		<i>1.35</i>	<i>2.11</i>	<i>.83</i>	<i>1.81</i>	<i>1.50</i>	<i>2.18</i>	<i>1.59</i>			
March.....		<i>1.26</i>	<i>2.13</i>	<i>2.89</i>	<i>.66</i>	<i>.90</i>	<i>2.84</i>	<i>1.46</i>			
April.....		<i>2.35</i>	<i>2.95</i>	<i>.86</i>	<i>1.47</i>	<i>1.60</i>	<i>2.55</i>	<i>2.93</i>			
May.....		<i>1.19</i>	<i>1.24</i>	<i>2.55</i>	<i>.35</i>	<i>1.81</i>	<i>.71</i>	<i>2.13</i>			
June.....		<i>2.92</i>	<i>4.07</i>	<i>2.20</i>	<i>1.50</i>	<i>3.29</i>	<i>1.40</i>	<i>1.36</i>			
July.....		<i>4.35</i>	<i>5.22</i>	<i>2.46</i>	<i>.84</i>	<i>6.66</i>	<i>.43</i>	<i>2.91</i>			
August.....		<i>1.65</i>	<i>2.76</i>	<i>2.17</i>	<i>2.00</i>	<i>1.07</i>	<i>1.60</i>	<i>3.92</i>			
September.....		<i>5.75</i>	<i>2.15</i>	<i>1.07</i>	<i>4.17</i>	<i>2.41</i>	<i>3.59</i>	<i>1.05</i>			
October.....		<i>1.48</i>	<i>3.12</i>	<i>2.04</i>	<i>2.32</i>	<i>6.29</i>	<i>2.45</i>	<i>1.79</i>			
November.....		<i>.67</i>	<i>5.19</i>	<i>1.32</i>	<i>2.56</i>	<i>5.20</i>	<i>3.48</i>	<i>3.01</i>			
December.....		<i>1.92</i>	<i>2.75</i>	<i>.59</i>	<i>2.09</i>	<i>1.41</i>	<i>5.96</i>	<i>2.19</i>			
TOTALS		<i>26.12</i>	<i>37.39</i>	<i>22.36</i>	<i>22.37</i>	<i>36.20</i>	<i>29.03</i>	<i>28.69</i>	<i>—</i>		

1875 Gauge out of order during the latter part of the year, observations not very reliable
1878 No observations

RAINFALL AT *Gloucester County Asylum*

80

Lat. _____ Lon. _____ County of *Gloucester*
 Rain Gauge, by _____ Observer *E. Toller Esq*
Registrar General

Severn L.-3

Diameter											8	8
Height											9	
Altitude											90	
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.	
January .....		.88										
February		2.74										
March		1.32										
April .....		.62										
May		1.11										
June		2.75								11.69		
July		1.03								2.01		
August		3.69								2.28		
September ...		1.47								1.95		
October		2.03								2.39		
November		2.65								1.47		
December		2.80								1.27		
TOTALS		23.09										

St. Marks Church 1/2 mile W
1889 Decr 31st g. moved 40ft WNW to be clear of trees
which sheltered it.

RAINFALL AT Gloucester Wotton Asylum

Lat. _____

Lon. _____

County of Gloucester

Rain Gauge, by _____

Observer

E. Cardwell Esq. M.D.

Seven. L-3.

B. Johnson

B.B. Smyth Esq.

Diameter	8											
Height	0 9											
Altitude	90 π											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.62	1.80	1.03	1.39	1.76	2.93	.77	1.60	.41	3.79	1.810	
February ....	.56	.52	1.29	2.70	2.02	.16	.30	3.03	1.21	2.95	1.474	
March .....	.87	1.73	.80	.43	1.40	2.10	2.36	3.33	.47	.53	1.402	
April .....	.90	.86	1.08	.02	1.93	2.44	.76	1.58	1.98	2.46	1.401	
May	1.75	3.89	1.23	1.36	2.67	.47	.23	.74	3.39	2.10	1.783	
June	2.10	1.21	2.63	1.94	2.22	1.03	2.09	2.65	1.23	1.00	1.810	
July	3.14	2.20	1.75	2.57	2.09	2.99	1.15	.65	.96	.99	1.849	
August	2.41	5.03	2.71	2.12	2.57	3.24	1.52	2.59	3.26	2.41	2.786	
September ....	.95	1.27	2.68	.95	2.85	1.10	4.98	3.22	.54	1.22	1.976	
October	1.22	7.62	1.52	1.85	3.71	2.84	2.48	1.29	4.10	2.24	2.887	
November	2.35	2.00	1.96	1.49	4.23	5.01	.75	1.24	2.22	2.46	2.571	
December ....	.75	3.55	.77	2.83	2.26	1.75	2.53	3.76	2.69	1.93	2.282	
TOTALS	19.62	31.68	19.45	19.65	29.71	26.06	19.92	25.68	22.46	24.08	23.831	

1890 Iron walls of building 30 ft high 58 ft SSW & NNE

1895 St John's Church 18 mile W.N.W

RAINFALL AT Gloucester Wotton Asylum

Lat.

Lon.

County of Gloucester West

Road

Rain Gauge, by N+3

Observer R. B. Smyth Esq M.D.

Season L-3.

Dr E. Z. Kough

Diameter ..	8											
Height	0 9											
Altitude ..	88 ft									90 ft		
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.78	1.31	.95	3.30	2.92	1.24	4.38	1.13	.82	.70	1.953	
February ..	5.61	.91	.77	1.34	3.58	.72	1.45	1.01	.79	.52	1.670	
March	1.00	2.46	1.64	3.52	1.43	3.69	1.02	.71	2.79	2.80	2.106	
April .....	.88	2.83	1.60	1.70	1.09	2.38	.60	3.03	1.98	1.75	1.784	
May	2.26	1.09	1.76	3.92	2.05	.40	2.15	2.13	1.41	.85	1.802	
June	1.47	1.35	2.39	3.45	.93	3.27	3.13	2.58	.79	3.09	2.245	
July	1.20	2.83	1.08	3.43	2.45	2.17	.85	4.76	2.03	1.96	2.276	
August	3.30	1.41	2.82	2.79	1.92	4.83	.79	1.69	2.30	1.93	2.378	
September..	.59	1.61	2.48	2.80	1.10	1.93	.64	.43	2.99	2.70	1.727	
October	2.54	1.00	2.76	6.34	.88	1.16	4.23	5.36	1.61	3.54	2.942	
November ..	1.75	1.19	1.58	1.41	1.36	2.81	2.74	1.81	1.02	.88	1.655	
December ..	5.55	4.05	1.70	1.35	1.84	.88	1.44	4.15	1.93	3.51	2.640	
TOTALS ..	28.93	22.04	21.53	35.35	21.55	25.48	23.42	28.79	20.46	24.23	25.18	1.64

1903 Wotton Hill Church 50 yards S
 120 yards N
 Gloucester G.P.R. Station 1/4 mile W
 1000 yards SW
 House 30 ft high 60 ft N+3
 1909 Corrected for wrong day.

H.W.G.

RAINFALL at Gloucester Wotton AeghunnCounty of GloucestershireObserver A E F KoughRiver Basin Severn - Left Bank Tributaries 3Rain Gauge, by N 43

Diameter ...	8										
Height	0 9										
Altitude ...	93 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.45	1.04	3.45	4.34	.51	3.60					
February ...	2.88	1.30	2.33	.98	2.13	4.41					
March .....	.58	1.94	3.92	3.94	2.88	1.34					
April	2.15	.77	.15	2.41	1.05	1.38					
May	1.45	.80	2.28	1.97	1.36	3.28					
June	2.59	1.57	5.43	.65	3.27	1.01					
July	2.03	.04	6.85	.87	3.37	4.76					
August	5.99	1.05	6.25	.45	1.70	3.22					
September ..	.48	1.26	.58	1.96	.98	1.17					
October ...	2.72	1.91	3.37	2.11	2.17	3.69					
November ...	3.89	3.06	1.41	2.68	3.45	1.52					
December ...	4.37	6.00	3.29	.96	6.37	5.63					
TOTALS ...	31.58	20.74	39.31	23.32	29.24	35.01	NR.				
	P	P	P	P	P	P					

1910 Corrected for strong day.
 Building has 45 ft high 20 yds NW

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.52	2.24 W	Gloucester MR	1/2 m 1 mile	S W	Wotton Chapel	100 yds	S W