

RAINFALL AT Newcastle Clifton Road

Lat.

Lon.

County of Northumberland

Rain Gauge, by

Observer T. Foster, Esq.

Tyne 3

Diameter	8										
Height	1. 6										
Altitude	314 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	1.20	.59	1.73	2.70	1.36	3.91	1.40	1.38		.76	
February	3.26	1.08	1.38	.97	.73	1.09	.32	1.04		.72	
March	2.61	1.41	1.64	2.02	1.56	2.80	1.46	5.49		2.30	
April	1.22	2.96	1.52	1.80	1.67	1.31	.82	1.50		2.84	
May	1.55	1.98	2.20	.88	3.15	2.33	1.24	.56		1.57	
June	2.54	3.32	3.28	.94	1.60	1.36	.24	2.41		.25	
July	2.82	2.47	3.25	3.70	1.46	4.38	1.07	5.46		3.08	
August	4.64	2.66	2.54	1.25	3.41	1.57	1.95	1.69		4.37	
September	4.47	1.76	4.47	1.89	2.15	1.60	5.01	1.33		.96	
October	3.80	3.44	1.37	1.39	4.23	4.79	2.08	.83		4.78	
November	1.30	2.71	1.31	1.37	1.93	3.84	3.05	4.58		.96	
December	2.02	3.64	1.76	1.28	.61	2.99	2.37	.69		1.13	
TOTALS	31.43	28.02	26.45	20.14	23.86	31.91	21.02	26.96		23.72	

St Stephens Church Elswick 1/2 mile S.E.

House 38 ft high 60ft S. + S.E.

" 38 ft " 70 ft S.W.

RAINFALL AT Newcastle Clifton Road

Lat.

Lon. County of Northumberland

Rain Gauge, by Observer R. Foster

Tyne 3

Diameter					5						
Height					9				1.0		
Altitude				314							
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	(1.73)	2.75	1.45	3.94	1.25	1.47					.92
February	1.34	1.01	.83	1.26	.39	1.12					.82
March	1.39	1.99	1.61	2.35	1.52	4.99					2.31
April	1.52	1.86	1.70	1.37	.82	1.55					2.96
May	2.16	.95	3.27	2.45	1.28	.61					1.64
June	3.35	.96	1.68	1.44	.28	2.41					.26
July	3.32	3.79	1.52	4.45	1.14	5.52					3.14
August	2.61	1.35	3.44	1.56	2.02	1.87					4.45
September....	4.56	1.91	2.38	1.69	5.07	1.38					.99
October	1.46	1.47	4.26	4.83	2.26	.88					5.02
November....	1.42	1.53	2.05	3.71	3.08	4.54					1.00
December....	1.78	1.39	.68	3.04	2.74	.75					1.22
TOTALS											24.73
	26.64	20.95	24.87	32.06	21.89	27.09					

1883 Gauge changed at end of January

1886 Gauge moved about 3 ft. E.

RAINFALL AT Newcastle Clifton Road

Lat.

Long.

County of

Northumberland

Rain Gauge, by

Observer

R. Foster Esq

Dr E.L. Merz

Sync 3

Diameter	8										
Height	1 6										
Altitude	314 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.86	.72	1.48	1.70	1.61	4.80	1.15	1.85	.98	2.23	1.838
February	1.57	.03	2.76	2.94	2.96	1.01	.62	1.55	.92	.77	1.512
March	2.04	3.01	1.09	.54	.55	1.99	2.26	2.65	1.55	1.01	1.669
April60	1.79	.92	.48	1.13	1.13	.72	1.33	2.34	2.19	1.263
May	2.01	1.31	2.78	1.66	2.13	.58	.70	.96	1.76	3.39	1.728
June	2.98	.42	2.82	1.28	3.56	2.10	2.23	2.68	1.82	1.70	2.169
July	2.09	4.47	1.35	4.91	1.49	4.54	2.71	1.32	.64	2.19	2.571
August	6.60	4.37	3.53	2.33	2.63	3.60	2.00	2.71	1.71	.93	3.041
September	2.13	2.50	2.49	1.53	.66	.47	2.15	2.74	.73	2.68	1.808
October	1.54	1.74	4.45	.86	4.30	3.82	5.32	1.27	5.11	1.50	2.991
November	3.44	2.23	1.31	2.20	.69	2.00	1.48	1.60	(3.28)	1.04	1.909
December	1.75	3.39	1.24	1.17	1.20	2.05	4.88	2.13	1.08	3.33	2.222
TOTALS	28.61	25.98	26.22	21.60	22.81	28.09	26.22	22.69	21.92	22.96	24.710

1894 51- Aidsont 1/3 Mile 5

1898 Nov 15 Gauge moved into adjoining garden 20 yards E
Wall 10 ft high 10 ft N

Tree 15" " 15" S

RAINFALL AT Newcastle on Tyne Clifton Road
 Lat. _____ Len. _____ County of Northumberland

M Rain Gauge, by Observer R. Foster Esq.
 Tyne 3

Diameter	5										
Height	10										
Altitude	314 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.96	.83	1.27	1.48	1.63	4.41	1.19	1.65	94		
February	1.59	.04	2.75	3.13	2.90	1.00	.64	1.50	.98		
March	2.09	2.98	1.19	.14	63	2.18	2.33	3.10	1.58		
April63	1.87	.91	.50	1.14	1.26	.76	1.40			
May	1.99	1.31	2.91	1.65	2.17	.61	.75	.95	1.83		
June	3.12	.88	2.94	1.33	3.37	2.17	2.11	2.30			
July	2.22	? 3.73	1.39	4.93	1.58	4.41	2.80	1.34			
August	(6.67)	4.62	3.52	2.40	2.62	3.68	1.62	3.06			
September	2.28	2.45	2.63	1.40	.74	.47	2.15	2.91			
October	1.86	1.87	4.43	1.00	4.57	3.80	5.35	1.28			
November	3.46	2.26	1.33	2.19	.67	2.12	1.34	1.50			
December	1.86	3.44	1.13	1.30	1.22	2.09	5.08	2.19			
TOTALS	(29.73)	25.78	26.40	21.45	23.24	28.20	26.12	23.18			

1890 August amount computed from other gauge.
 1894 1st Andains 1/3 mile S

RAINFALL AT Newcastle Clifton Road Esq
In December

Lat. Lon. County of Northumberland
E. S.
Rain Gauge, by Observer Dr. Merv Esq.

Tyne, corner - 3

Diameter ..	8										
Height	1 6										
Altitude ..	314 ft				315						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.06	1.33	.77		1.67	.26	1.85				
February ..	5.25	1.05	1.05		2.35	.69	.82				
March	1.43	1.36	.76		1.28	1.02	1.04				
April.....	1.22	1.02	1.27		.50	2.56	1.34				
May	1.28	2.08	2.08		2.26	.40	3.82				
June	5.12	1.12	1.79		1.79	1.27	1.32				
July	1.49	3.61	2.81		1.53	1.75	1.79				
August	6.08	1.82	2.52		2.08	2.09	2.68				
September..	.82	.87	.42		1.00	1.48	.44				
October....	5.65	1.92	2.37		.64	1.67	3.47				
November ..	2.92	4.49	1.19		2.45	5.03	2.65				
December ..	1.75	2.93	3.02		1.49	.35	2.24				
TOTALS ..	36.07	23.60	20.05		19.04	18.57	23.46				

D D D

Elswick Station

RAINFALL AT Newcastle Clifton Road *The Grange*

Lat. Lon. County of Northumberland

Rain Gauge, by Observer E. Mervyn Esq.

Tyne, lower - 3.

Diameter ..	5										MEANS.
Height ..	1.0										
Altitude ..	315 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..	3.00	1.45	.83	2.18							
February ..	4.88	1.30	1.10	1.19							
March	1.46	1.43	.80	1.10							
April	1.35	1.05	1.31	1.29							
May	1.33	2.00	2.25	2.15							
June	5.25	1.22	1.85	2.68							
July	1.53	3.67	2.92	4.55							
August	6.15	1.90	2.52	2.10							
September ..	.88	.94	.44	2.20							
October....	5.70	1.98	2.46	7.80							
November ..	3.06	4.56	1.21	2.00							
December ..	1.83	2.80	3.00	1.56							
TOTALS ..	36.42	24.30	20.69	30.80							