

RAINFALL AT *Clumber Gardens*

Lat.

Lon.

County of *Nottinghamshire*

Symon's Smockton Rain Gauge, by N+3
Trent. Blank - 5.

Observer A. P. Elliott Esq.

for the Duke of Newcastle

Diameter ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height ..							4 0 0	16	4.0		
Altitude ..							170		164		
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..							3.07	.77	1.09	.95	
February ..							2.11	1.79	1.39	.64	
March ..							1.40	1.47	2.79	3.31	
April ..							.60	1.77	2.01	1.54	
May ..							1.42	3.42	2.71	1.28	
June ..							2.14	3.07	2.23	4.51	
July ..							.68	1.57	2.36	4.10	
August ..							1.66	1.52	2.91	3.52	
September ..							1.08	.48	1.43	2.68	
October ..							5.44	4.93	.70	2.75	
November ..							2.48	1.92	1.15	.34	
December ..							2.23	2.37	1.51	4.80	
TOTALS ..							24.31	25.08	22.28	30.22	

imp 2

1907 The Priory Church 4 miles N.W.
 Worksop Station 4 1/4 " N.W.
 1908 Carlton French 1 1/2 " S.W.
 Chesterfield Station 3 1/4 " N.E.

N.B. Annual values projected from Survey, 1928.

RAINFALL at Flumbe Gardens

County of Nottinghamshire Observer A.E. Elliott Esq.
 River Basin Trent - Left Bank Tributaries 5
Sherwood Rain Gauge, by H.F.J.

Diameter ...	5										
Height	4.0										
Altitude ...	164 T										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.77	.97	3.36	3.01	.357		.38	2.51	2.01		
February ...	2.22	.84	1.41	.87	1.21		2.72	.68	1.38		
March72	1.22	2.64	2.98	1.83		5.12	1.57	1.29		
April	1.73	.80	.17	2.22	.88		.87	1.91	2.21		
May	2.29	1.10	2.86	1.77	.59		1.48	2.07	1.91		
June	1.76	3.05	4.06	.33	3.48		.42	1.19	.59		
July	2.91	.18	3.62	.88	1.39		1.77	1.02	2.10		
August	3.73	1.73	4.98	1.38	.84		1.54	5.98	2.59		
September ..	.58	1.44	1.39	1.01	.72		2.88	.78	4.39		
October ...	2.61	1.68	2.41	3.79	2.07		4.68	2.92	1.39		
November ...	3.36	2.59	1.47	1.45	2.40		3.01	1.29	2.34		
December ...	3.97	4.77	3.20	1.40	4.61		6.38	1.08	4.35		
TOTALS ...	27.65	20.37	31.57	21.39	20.37	N.R.	31.25	23.00	26.65	N.R.	

1918 * Reprinted - copied from Thoresby

K.B. Annual values rejected from Survey, 1928.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	53° 20'	1°	Worksop	5 m	N.W.	Carlton	12 m	S.W.

RAINFALL at Glumster Gardens

County of Nottinghamshire Duke of Newcastle per
Observer L. E. Elliott Esq. (Agent)

River Basin Trent - Left Bank Tribs 5.

Symons Standard Rain Gauge, by H. S. G.

Diameter ...	5"						5"			
Height	4.0				5.0	4.6		7.0		
Altitude ...	164									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	2.66	2.17	3.61	1.25	1.93	1.57	3.41	1.59	4.12	2.08
February ...	2.40	2.20	2.89	4.08	1.28	2.35	1.38	1.90	3.12	.85
March	2.15	1.04	1.83	1.50	0.95	.78	1.73	2.72	2.75	.06
April.....	4.27	1.18	2.94	1.95	1.57	2.13	2.17	2.37	1.13	1.34
May	1.90	1.38	1.22	3.27	2.79	3.76	2.14	1.26	1.83	1.24
June	2.71	.56	1.01	1.00	1.28	.11	2.82	3.47	1.84	1.34
July	4.37	.50	4.08	4.05	2.26	1.13	1.21	2.41	.78	1.64
August	7.24	2.28	7.01	2.67	3.24	2.06	2.93	3.94	2.75	2.24
September...	1.74	.77	2.53	2.42	2.24	3.68	1.20	4.83	.25	1.04
October.....	2.12	3.49	1.02	1.38	4.58	2.57	2.16	2.01	5.29	3.50
November...	1.12	1.42	1.17	2.28	1.63	2.31	3.44	2.07	2.44	5.12
December...	2.36	2.05	3.49	2.96	1.85	1.95	1.07	2.43	2.16	4.63
TOTALS...	28.52	19.04	32.80	28.79	25.60	24.40	24.66	31.00	28.46	25.20
	D	D	D	D	D	D	D	D	D	D

1921 retired X.1.25

1922 Gauge lowered to 1 ft above ground.

1929 Oct. 4th. am't. refused to obsr. who agreed to adjustment.

N.B. annual values rejected from Survey. 1928

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1920	53° 16'	1°	Worksop	5 mi	N.W.	Carburton	12 mi S.W.

RAINFALL at Clumber Gardens

County of Nottinghamshire

Observer The Agent

River Basin Trent - Left Bank 5

Type of Gauge Standard

Annual Average 25.5 in. based on 30 years obs. un-weighted. Period of average 1881 - 1915 Ref. P.B. 425

814895/27.

Diameter	5										
Height	10										
Altitude	164										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.91	1.55	1.85	1.83	1.61	4.17	3.42	1.87	4.53	2.98	2582
February	2.49	1.40	3.24	1.77	2.43	2.72	2.86	1.05	1.27	2.83	2066
March	1.38	1.27	2.58	2.79	1.72	1.42	2.04	1.31	2.11	2.07	1569
April	3.51	2.55	1.45	2.34	2.26	1.63	2.39	1.09	1.79	2.13	2014
May	2.79	6.72	2.25	.96	1.47	1.66	3.66	2.60	1.35	1.03	2349
June	3.11	8.3	2.17	1.05	3.89	4.63	1.75	1.98	2.31	1.29	2301
July	4.19	4.54	1.68	1.45	1.63	4.72	2.94	3.92	4.90	4.02	3299
August	6.47	1.37	1.40	1.59	1.13	2.69	.58	1.87	3.09	0.43	1962
September	3.82	1.78	1.32	1.17	4.05	1.89	1.91	2.14	1.00	1.00	2068
October	1.75	3.10	3.84	1.33	3.39	2.44	3.67	2.61	3.34	4.67	2914
November	3.32	1.67	2.15	1.90	4.50	2.71	1.85	2.76	2.46	4.98	2880
December	1.10	.75	1.40	4.17	2.88	1.80	3.81	3.96	1.55	2.06	2248
TOTALS	33.84	26.33	23.33	21.85	27.96	32.48	30.88	25.16	30.50	29.49	28132
	D.										

1937 Building 15' high 12° SW.

Hedge 6' " 14° SE

1939. Sandem Wall 12-15' high, 20° S.

Position of Station on reduced Ordnance Survey Map, } No. of Map..... Reference No.....
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1931.			Worksop	5m	N.W.	Worksop	5m.	
1933.						Bolsover	3 m.	S.E.
1937.						Clumber	2 m.	S.

Station No. 2681

41

RAINFALL at Cheltenham Gardens

County of Gloucester

Observer The Agent

River Basin Teat - L. Bank 5

The Duke of Newcastle

Type of Gauge Snowdon

NATIONAL TRUST

Annual Average 25.5 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref P.B. 425

File No. 814895/27

Diameter	5"		124	220							
Height	1' 6"	19		- 1							
Altitude	164'			41		150'					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	3.96	3.29	3.68	2.86	2.05	1.86	2.13				
February	3.03	1.70	.67	2.36	1.60	2.67	1.90				
March	4.16	1.59	.69	.52	.73	.89	4.21				
April	1.41	1.03	1.19	2.04	1.28	1.10	2.08				
May	1.64	3.66	2.61	1.60	1.66	1.33	1.28				
June	.35	1.33	1.66	1.76	2.44	3.03	2.66				
July	3.38	1.83	.82	1.57	2.05	2.51	1.87				
August	2.62	2.78	1.70	4.23	2.54	4.82	2.4				
September	.59	1.79	2.06	3.61	.90	3.01	1.25				
October	3.42	1.88	1.70	2.75	3.43	1.33	1.48				
November	3.51	1.74	1.63	3.91	.58	5.27	1.36				
December	.63	1.44	.84	1.79	1.55	3.02	1.95				
TOTALS	28.60	24.06	19.31	29.00	20.81	30.84	21.41	N.R.	N.R.		
	D	D	D	D	D	D	D				

1941 Garden Wall 12 to 15' higher 20's.

1948 Two records left; others may have to come. See me. 13A, 814895/27
1950 Two records 1948 and 1949 & two reply to various questions. Answered them later

1910-19 1920-30 1931-40 1941-50

10-14 16-18 ✓ ✓ 41-47

D10, 17 D20, 24-30 ✓ ✓

n.s. Vortius 1957

Position of Station on reduced Ordnance Survey Map, No. of Map 1 mile to 1 inch Series Reference No. 5K 749 825

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Purish Church.	Distance from gauge
1941			Worcsop	4 1/2 m.	N.N.W.	Worcsop	4 1/2 m. 3 1/2 7 1/2 4 1/2

Station No. 2631

RAINFALL at Clumber Gardens

County of Nottingham.

Observer Mr. C. Franks

River Basin Trent - L. Bank 5.

Type of Gauge.

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....

File No. E.2.0401/57

51

Diameter ...							5"				
Height ...							1' 6"				
Altitude ...							150'				
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...							4.10	1.28	2.24		
February ...							1.21	1.81	3.23		
March70	1.36	1.41		
April ...							2.12	.37	.42		
May38	1.64	1.97		
June ...							4.09	1.82		X	
July ...							3.35	4.26			
August ...							6.80	4.15			
September ...							2.12	3.58			
October89	1.14			
November77	2.63			
December ...							2.66	1.76			
TOTALS ...							29.09	25.90			
											mm.

1957. Records maintained until 1947 under the auth. of National Trust. Obsrv. bought
own gauge and installed it 100°E, 50°N of old site (1956)

1958. m/s. Terminated - correspondence retired - deceased.

Position of Station on Ordnance One-Inch map:			No. of Map.....	National Grid Reference SX.43.62.3748			
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge.
1956.			Worksop	5 miles	N.		

Summary of Earlier Records from 10-year Sheets :

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60