

RAINFALL AT *Clumber Gardens*

Lat.

Lon.

County of *Nottinghamshire*

Synon's Standard Rain Gauge, by *N 4 3*

Observer *A. P. Elliott Esq*

Inst. *Clark - 5.*

for the Duke of Newcastle

Diameter ..							5				
Height							4 0 0 11	4. 0			
Altitude ..							170	164			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
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 D

1907 *The Priory Church* 4 8 miles N.W.
Workshop Station 4 3/4 " N.W.,
 1908 *Carburton Church* 1 1/2 " S.W.
Chesterham Station 3 3/4 " N.E.

N. B. Annual values rejected from survey, 1928.

RAINFALL at Chumber GardensCounty of NottinghamshireObserver A.R. Ellis EsqRiver Basin Frank - Dept Bank Tributaries 5Inscribed Rain Gauge, by H+J

Diameter ...	5										
Height	4.0										
Altitude ...	164 T						170				
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.77	.97	3.36	3.01	.35?		.38	2.51	2.01		
February ...	2.22	.84	1.41	.87	1.21		2.72	.68	1.38		
March .....	.72	1.22	2.64	2.98	1.83		5.12	1.57	1.39		
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	1.31	.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 T	20.37	31.57	21.39	20.37!	N.R.	31.25	23.00 D	26.65 *	N.R.	

1918 * Not printed - ~~was~~ copied from Thornby

X. 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	NW	Carlton	1 1/2 m	S.W.

RAINFALL at *Glumber Gardens**Duke of Newcastle per*County of *Nottinghamshire*Observer *A. E. Elliott Esq. (agent)*River Basin *Trent - Left Bank Tribe 5.**Symonds Snowden Rain Gauge, by N. B. 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	1930 MEANS.
January ...	2.66	2.17	3.61	1.23	1.93	1.57	3.41	1.59	4.12	2.08	3.84
February ...	2.40	.20	2.89	4.08	1.28	2.35	1.38	1.90	3.12	.85	.47
March	2.15	1.04	1.83	1.50	.95	.78	.73	2.72	2.75	.06	2.39
April	4.27	1.18	2.94	1.95	1.57	2.13	2.17	2.37	1.13	1.34	2.99
May	1.90	1.38	1.22	3.27	2.79	3.76	2.14	1.26	1.83	1.24	1.40
June	2.71	.56	1.01	1.00	1.28	.11	2.82	3.47	1.84	1.34	1.91
July	4.37	.50	4.08	4.05	2.26	1.13	1.21	2.41	.78	1.64	5.38
August .....	.72	4.28	7.01	2.67	3.24	2.06	2.93	3.94	2.75	2.24	3.01
September...	1.74	.77	2.53	2.42	2.24	3.68	1.20	4.83	.25	1.04	4.29
October	2.12	3.49	1.02	1.38	4.58	2.57	2.16	2.01	5.29	3.50	1.77
November...	1.12	1.42	1.17	2.28	1.63	2.31	3.44	2.07	2.44	5.12	2.94
December...	2.36	2.05	3.49	2.96	1.85	1.95	1.07	2.43	2.16	4.63	2.21
TOTALS...	28.52	19.04	32.80	28.79	25.60	24.40	24.66	31.00	28.46	25.20	32.60
	D				D	D	D	D	D	D	D

1921 actual X1.25

1922 Gauge lowered to 1 ft. above ground.

1929. Oct. 4th. amt. referred to obs. who agreed to adjustment.

*N.B. Annual values rejected from Survey, 1928*Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	53° 16'	1°	Horkesop	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 Soman

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

81489527.

Diameter	5										
Height	1 0					1 6	1' 6"				
Altitude	164										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.91	1.35	1.85	1.83	1.61	4.17	3.42	1.87	4.83	2.98	2582
February	2.49	.40	3.24	.77	2.43	2.72	2.86	1.05	1.27	2.83	2066
March	.38	1.27	2.58	2.79	.72	1.42	2.04	.31	2.11	2.07	1569
April	3.51	2.55	1.45	2.34	2.26	1.63	2.39	.09	1.79	2.13	2014
May	2.79	6.72	2.25	.96	.47	1.66	3.66	2.60	1.36	1.03	2349
June	3.11	.83	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	.63	4.72	2.94	3.92	4.40	4.02	3299
August	6.47	1.37	.40	1.59	1.13	2.69	.58	1.87	3.09	0.43	1962
September	3.82	1.78	1.32	1.77	4.05	1.89	1.91	2.14	1.00	1.00	2008
October	.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	.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.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

1937 Building 15' high 12' S.W.

Hedges 6' " 14' S.E.

1939. Garden Wall 12-15' high, 20' S.

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1931.			Workook	5m	N.W.	Workook	5m.	
1933.						Bothamsall	3 mi.	S.E.
1937.						Clumber	$\frac{1}{2}$ m.	S.

BRITISH RAINFALL ORGANIZATION, EXHIBITION ROAD, LONDON, S.W.7.

Station No. 2681RAINFALL at Blanchard Gardens

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County of North Observer The AgentRiver Basin Leam - L. Bank 5 The Duke of NewcastleType of Gauge Snowdon NATIONAL TARGETAnnual Average 25.5 in. based on 30 years obs. un-weighted. Period of average 1881-1915 Ref P.B. 425File No. 84895/27

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	3.86	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	2.67	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	.24				
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	.48				
November	3.51	1.77	1.63	3.31	.58	5.27	1.36				
December	.62	1.44	.84	1.79	1.55	3.02	1.95				
TOTALS	28.60 D	24.06 D	19.31 D	29.00 D	20.81 D	30.84 D	21.41 D	N.R.	N.R.		

1941 garden wall 12 to 15' higher 20' S.

1948 to memo left; Oth. may have to care. See also 13A, p. 814895/37

1949 to memo 1948 or 1949 & this reply to various circulars. Unmarked terminated

1910-19	1920-30	1931-40	1941-50
10-14, 16-18	✓	✓	41-47 ^{T97}
D10, 17	D20, 24-30	✓	✓

re-Surveying 1957

Position of Station on reduced Ordnance Survey Map,
1 mile to 1 inch Series

No. of Map.....

Reference No. 5K 625749

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1941			Worsnop	4 1/2 m.	N.N.W.	Worsnop	4 1/2 m.	N.W.

BRITISH RAINFALL ORGANIZATION

Station No. 2631

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RAINFALL at Chamber GardensCounty of NottinghamObserver Mr. C. FrankishRiver Basin Trent - L. Bank 5

Type of Gauge.....

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

File No. F. 20401/57

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			
March ...						.70	1.36	1.41			
April ...						2.12	.37	.42			
May ...						.38	1.64	1.97			
June ...						4.09	1.82				
July ...						3.35	4.26				
August ...						6.80	4.15				
September ...						2.12	3.58				
October ...						.89	1.14				
November ...						.77	2.63				
December ...						2.56	1.76				
TOTALS ...						29.09	25.90				

1957. Records maintained until 1947 under the auth. of National Trust. Obsv. bought own gauge and installed it 100° E, 50° N of old site (1956)
 1953 mh is
 1958 Terminated - correspondence returned marked - 'Deceased'.

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference SK(43)623748

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1956.			Worksof	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