

RAINFALL AT

Great Barford House

Lat.

Lon.

County of Bedfordshire

Copper

5 inches

Rain Gauge, by

one 3.

Observer J. Arnold, Writtle Church

Diameter ..	5										
Height	15										
Altitude ..	120										T
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				2.25	1.76	.83	3.25	.99	.83	.69	
February ..				.54	2.62	.75	1.36	.78	1.19	.34	
March ..				2.33	1.18	2.08	1.91	.84	2.55	3.00	
April ..				1.01	.89	1.49	.75	2.06	2.79	1.83	
May ..				3.15	1.60	1.21	1.22	3.65	1.25	1.11	
June ..				4.80	.36	4.13	3.24	1.64	1.02	3.66	
July ..				3.48	2.52	.68	.90	2.25	2.68	2.90	
August ..				2.85	1.55	3.33	1.40	1.97	2.38	2.14	
September ..				2.08	1.61	1.43	.78	.71	1.10	2.00	
October ..				4.81	1.07	1.28	2.90	3.19	1.63	3.47	
November ..				1.84	1.50	1.99	4.01	1.79	.65	.44	
December ..				.96	1.64	.78	1.71	2.91	1.46	3.07	
TOTALS ..				30.10	18.30	19.98	23.43	22.78	19.53	24.65	

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1903 Great Barford Church 1/4 miles S.

Blunham Station 2 1/4 - S.S.E

True 38 yards N

RAINFALL at Great Barford House

County of Bedfordshire

Observer J. Arnold Whitechurch Esq

River Basin Ouse 3

Snowdon Rain Gauge, by Metz

Diameter ...	5										
Height	10										
Altitude ...	120 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.35	.80	3.58	2.70	1.08	2.41	1.21	1.45	1.92	3.33	1.983
February ...	2.07	.99	1.17	.56	1.49	1.98	2.84	1.75	.78	2.16	1.479
March65	1.60	2.15	2.13	3.06	1.49	4.73	1.20	.71	3.24	2.096
April	2.31	1.04	.15	2.16	.51	.75	1.12	1.33	3.05	2.18	1.460
May	2.17	.98	1.73	2.14	.80	1.65	2.03	1.84	2.15	.86	1.638
June	1.17	2.39	3.29	.55	2.33	1.23	1.88	3.03	.50	.95	1.732
July	1.94	.40	3.05	1.64	1.46	4.68	2.06	2.97	3.24	2.34	2.378
August	1.71	1.19	6.81	1.06	1.06	2.03	2.70	4.21	.83	2.12	2.372
September ..	.63	1.30	1.42	1.51	.91	1.32	.69	1.95	5.77	2.01	1.751
October ...	2.13	1.34	2.11	2.65	3.16	.95	2.06	3.68	1.18	.73	1.999
November ..	3.01	2.49	1.62	1.52	2.11	2.24	2.77	1.25	2.11	.99	2.011
December ...	4.48	3.66	2.85	.81	4.52	3.74	2.10	3.62	2.06	3.74	2.832
TOTALS ...	23.62	18.18	29.93	19.43	22.52	24.47	26.19	24.02	24.30	24.65	23.731

Trees

N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
310	52° 9'	0° 20'	Blunham	2 1/2 miles	55° E	St. Bayford	1 mile	S

RAINFALL at Great Barford House.

County of Bedfordshire

Observer of Arnold Whitchurch Esq., M.P.

River Basin Area 3

Shrub Rain Gauge, by N.d. 3

1926/1927

Diameter ...	8	5									
Height	1.0	1.0									
Altitude ...	120	120									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.
January	2.04	2.17	2.08	1.42	2.10	.78	1.86	1.87	3.03	1.27	2.05
February	.29	.41	1.63	2.84	.48	2.19	2.64	2.68	1.17	.78	.42
March	1.44	.68	1.09	1.81	.50	1.01	1.25	1.79	1.19	.05	1.43
April	2.20	1.03	2.61	1.84	2.17	1.45	3.42	1.70	1.06	1.33	1.35
May	1.48	.91	1.65	1.21	3.83	2.15	2.09	.57	1.43	1.54	2.93
June	1.65	.95	1.18	.48	1.56	.09	2.11	2.21	2.42	.99	.57
July	2.16	.10	3.81	2.86	3.14	2.47	2.13	1.95	1.65	1.41	2.78
August	.87	1.37	2.62	2.50	1.83	3.01	.65	3.17	1.68	.62	2.91
September	2.10	1.34	2.15	2.75	2.64	2.97	2.12	4.17	1.44	.23	3.16
October	.94	1.08	.51	3.49	3.62	2.84	1.92	1.35	2.25	2.85	1.01
November	.99	2.16	.78	1.19	2.38	1.37	3.20	1.96	1.74	4.49	3.02
December	1.77	1.16	2.18	1.65	2.68	1.35	.45	2.66	2.13	3.33	2.06
TOTALS...	19.93	13.36	22.29	24.04	26.93	21.68	22.84	26.08	20.19	18.89	23.68
	0	0	0	0	0	0	0	0	0	0	0

1920. Trees 30 yds NW.

1929 Trees 60' high 40 yds NW

1930. Trees 40' high 30 yds N.N.W.

G. read 9 am in winter, 10 am in summer.

Position of Station on reduced Ordnance Survey Map, 2 miles 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
1920.	52° 9'	0.20	Blanham.	2 m.	SE.	St. Barford	1 m.	S.

RAINFALL at Great Barford House

County of... Bedfordshire

Observer J. Arnold Whitchurch, Esq.

River Basin

Ouse - 3

Type of Gauge

Annual Average 22.1 in. based on 36 years obs. unweighted. Period of average 1881-1915 Ref. Survey:

Diameter	5.											Height to 6. 174727
Height	1.0											1' 6" NGR: T2(52) 137533
Altitude	120.											Alt: 38m
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals. Measns	
January	1.32	1.30	1.24	1.73	1.98	3.26	2.82	2.17	3.82	1.71	18.85	
February	1.86	1.22	1.97	1.39	2.24	1.75	3.11	1.32	5.3	1.53	12.92	
March	1.13	1.66	2.02	1.65	1.59	1.57	2.78	1.25	1.74	2.38	14.77	
April	2.73	2.30	1.88	1.28	2.92	1.13	2.41	1.11	2.42	1.35	17.53	
May	2.58	4.08	1.76	1.71	1.74	1.77	4.14	1.99	1.81	.67	18.25	
June	1.22	1.56	2.88	1.03	2.49	4.32	1.19	.92	1.98	.78	17.37	
July	3.62	2.36	1.87	1.46	3.3	5.45	1.65	1.37	2.03	3.03	22.17	
August	2.88	4.34	1.13	2.02	2.11	1.52	2.67	2.94	4.10	1.11	22.82	
September	2.07	1.77	2.17	1.78	1.31	2.99	2.54	1.89	.61	.55	20.68	
October	1.49	2.88	1.05	1.57	2.29	1.29	2.26	2.76	3.31	1.84	19.74	
November	1.94	1.30	1.52	1.89	3.64	2.64	2.02	1.94	3.11	6.21	26.21	
December	1.68	1.65	1.44	4.00	1.87	1.39	2.35	3.04	1.05	1.49	16.96	
TOTALS	21.52	22.92	16.93	18.51	24.51	27.08	29.94	19.70	25.61	21.65	228.27	

1931. Trees 60 ft. high 20 yrs. N.N.W.

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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
1931			Blunham	2	S.S.E.	St. Barford	1

RAINFALL at Great Barford House

County of Bedfordshire

Observer

River Basin - 3

Type of Gauge

Annual Average 22.1 in. based on 36 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. E9952/49

Diameter	5"			17682	2							
Height	1'6"					1						
Altitude	120'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.23	2.67	3.12	1.34	1.43	1.14	1.50	3.58	.95	.77		Totals. 18.73
February	1.65	.39	.66	1.23	1.21	1.89	1.58	.60	.88	3.46		13.55
March	2.86	1.15	.79	.14	.54	1.24	5.10	.83	1.15	.44		14.24
April	.96	.50	.64	2.30	.39	1.01	1.80	1.80	1.13	1.63		12.19
May	1.57	2.44	1.77	1.01	2.15	2.19	.59	3.50	2.34	3.49		21.05
June	1.03	.68	2.24	1.44	1.75	2.33	1.67	3.31	.60	.89		15.94
July	2.77	2.63	.68	1.36	1.35	1.48	1.76	.77	1.17	4.78		18.75
August	3.92	1.87	1.48	1.95	1.65	2.97	.02	3.49	.74	2.17		20.26
September	.55	.98	1.24	2.15	2.12	2.95	.98	1.97	.30	2.58		15.55
October	2.03	2.28	1.61	2.69	2.77	1.44	.28	2.08	4.08	.50		19.76
November	1.71	1.50	1.07	3.02	.39	4.41	1.43	1.42	2.10	3.47		20.52
December	.83	1.60	.71	-80	2.28	2.21	2.12	1.70	1.21	1.67		15.13
TOTALS	22.11	18.69	16.07	19.43	18.03	25.26	18.83	25.05	16.65	25.85		205.97

1941. Treeo 30° N.

4th

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.
1941			Blunsdon	2 m.	SE	Gr. Barford	1 m.

Station No. 1182

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RAINFALL at Great Barford House

County of Bedfordshire

Observer J. Donald W. French, Esq.

River Basin. River - 3

Type of Gauge.

Annual Average 22.1 in. based on 36 years obs. un-weighted. Period of average 1881-1915
 22.09 " 35 " 1916-1950

Ref. S

P

File No. 1920952/49

Diameter	5"			176.822							
Height	1' 6"			174.727							
Altitude	126'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.01	1.57									
February	2.90	1.44									
March	3.03	2.87									
April	2.73	1.32									
May	1.72	2.54									
June	1.33	0.95									
July	0.94	0.62									
August	4.14	4.21									
September	1.44	1.86									
October	0.87	2.09									
November	3.75	2.39									
December	1.35	1.82									
TOTALS	26.21	22.50									
	3	3									

1951 Trees 20 yds N.

(See Annexes)

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference T 1557 1545 5233

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge
1951			Blunham	2 mi	SSW	Gr. Barford	1 mi S

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ ✓ 1st - 14	✓ ✓	✓ ✓	✓ ✓	