

RAINFALL AT *Great Chesterford Mills*

Lat. _____

Lon. _____

County of *Essex*

Rain Gauge, by _____

Observer *Ernest H King Esq*

one - 7.

Diameter ...									5		
Height									10		
Altitude ...									130		
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									.76	.86	
February ...									.90	.47	
March									2.25	2.92	
April									3.39	1.58	
May .....									.68	1.13	
June									1.79	4.06	
July									2.57	3.04	
August									2.52	1.99	
September ..									1.56	1.86	
October ...									1.25	3.73	
November ..									.84	.71	
December ...									1.54	2.95	
TOTALS ...									20.05	25.30	

1908 *St. Chesterford Church* 150 yards
Station 300 "
London Wall 10 ft high 7 yards

E

S.W.

N.E.

RAINFALL at Great Chesterford MillsCounty of EssexObserver E. H. King EsqRiver Basin Ouse 7Smarden Rain Gauge, by

Diameter ...	5										
Height	10										
Altitude ...	130										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.51	1.65	3.42	2.54	1.42	2.86	1.22	1.49	2.58	3.02	
February ...	2.05	.95	1.15	.62	1.46	2.74	3.66	.61	.67	3.06	
March .....	.82	2.17	2.57	1.96	3.65	1.27	3.97	1.90	.74	2.17	
April	2.47	.58	.16	1.83	.77	1.06	1.36	1.43	3.48	3.06	
May	3.24	1.45	1.26	1.77	.99	1.69	2.53	2.38	1.71	.20	
June	1.53	2.71	2.24	.96	2.43	1.53	2.23	1.31	.58	1.44	
July	1.93	.97	1.82	1.24	1.59	2.87	2.10	4.04	3.56	3.64	
August	2.26	.58	5.64	.74	.77	2.63	3.55	5.22	.59	2.54	
September ..	1.27	.99	2.26	.99	.98	1.61	1.67	1.44	5.09	.95	
October ...	2.07	2.32	2.41	2.96	2.23	1.43	2.72	3.93	1.44	.88	
November ..	3.12	3.01	1.89	1.95	2.77	2.29	3.59	1.66	2.01	1.65	
December ...	3.75	3.66	2.27	.77	5.46	3.95	2.66	.78	1.96	3.51	
TOTALS ...	26.02	21.34	27.09	18.33	24.52	25.93	31.24	26.18	24.41	25.82	
	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	<u>2</u>	

1910 Gauge moved 40 yards N about June.
 1911 Gauge moved 14 yards N
 1911 Gauge moved 20"

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Great Chesterford 350 yds	350 yds	S.W.	St John's Church	130 yds	E

RAINFALL at G. Chesterford MillsCounty of EssexObserver E. H. King Esq.River Basin Use 7Newton Rain Gauge, by _____

Diameter ...	5										
Height	1	0									
Altitude ...	130										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930
January ...	2.22	2.08	2.51		2.59	1.06	2.24	1.94	2.88	1.54	2.12
February ...	.39	.24	1.59		.95	2.81	2.35	3.09	1.41	.59	.58
March	1.54	.87	1.83		.51	.88	.12	1.84	1.87	.07	1.88
April	3.53	1.54	2.67		2.78	1.63	2.72	2.14	.87	1.60	2.09
May	1.29	1.56	1.06		3.47	1.97	1.97	.66	2.08	1.33	2.39
June .....	.90	.61	1.01		2.10	.60	2.78	2.88	2.19	1.01	.98
July	3.20	.30	4.01		2.94	3.53	2.61	1.96	2.31	2.56	2.51
August	1.01	2.03	2.04		2.02	2.14	1.21	2.46	2.28	1.00	2.26
September...	2.00	1.24	2.56		2.21	2.97	2.65	4.28	.61	.26	4.13
October .....	.86	1.34	.64		3.34	2.91	2.30	1.69	2.85	3.35	.84
November...	.80	1.70	1.06		2.79	1.70	3.25	2.19	1.67	4.34	3.97
December...	1.91	1.22	2.00		2.55	1.66	.34	2.91	2.63	4.43	1.93
TOTALS...	19.65	14.73	22.98		28.28	23.91	24.54	28.04	23.65	22.08	25.68

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.			<u>St. Christopher</u>	<u>350 yds</u>	<u>W</u>	<u>St. Christopher</u>	<u>130 yds</u>	<u>E.</u>

RAINFALL at Great Chesterford MillsCounty of EssexObserver F. H. King, Esq.River Basin Ouse-7

Type of Gauge

Annual Average in. based on years obs. un-weighted. Period of average Ref." 22.7 in. compiled by M. Cornish (1938) Ref. 561245/36 3201/30

Diameter	5.											
Height	1.0.											
Altitude	130.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.57	1.37	1.40	1.27	2.23	3.43	3.43	2.70	4.36	1.76	2352	
February	2.11	3.8	1.71	3.4	2.09	2.14	2.74	.79	.71	1.63	1454	
March	.12	1.23	1.77	1.93	.56	.87	3.01	.34	1.84	3.05	1442	
April	3.73	2.42	.81	1.42	2.64	1.47	3.01	.18	3.24	1.35	2027	
May	2.69	3.96	2.15	.51	1.28	1.05	2.29	2.07	1.02	1.09	1811	
June	1.34	.71	3.00	1.22	1.98	4.11	2.13	.49	2.10	.54	1762	
July	4.69	2.80	1.20	1.86	.66	3.14	1.93	1.36	1.68	3.24	2456	
August	3.69	1.97	1.24	2.13	1.21	.68	1.19	1.57	2.52	.07	1630	
September	2.58	1.76	2.00	1.24	3.37	2.91	2.17	4.05	2.48	.53	2359	
October	.56	4.44	1.95	1.20	2.12	1.88	1.85	2.80	4.56	1.90	2326	
November	2.13	1.86	1.16	2.00	3.64	2.98	1.40	2.59	3.72	6.34	2782	
December	.98	.44	.37	3.05	2.35	1.73	3.16	3.03	1.18	1.50	1777	
TOTALS	26.19	23.34	19.76	18.17	24.14	28.09	28.31	21.97	29.91	22.90	24178	KM.

1936. Well above 9 ft high 19 yrs. all round.

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
			Gt. Chesterford			Gt. Chesterford		

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

RAINFALL at Great Chesterford MillsStation No. 1331

41

County of EssexObserver E.H. King, Esq. died 21.4.5River Basin Chure - 7Type of Gauge 1Annual Average 23.5 in. based on 16 years obs. un-weighted. Period of average 1881 - 1915 I.W.S.Ref. 561245/36" " 22.7 computed by Mr Cornish (1938) File No. 3201/30

Diameter	5"										
Height	1' 0"										
Altitude	130'										
Year	1841	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.06	2.18	4.50	1.34							
February	2.13	1.11	.98	1.01							
March	3.28	1.22	.52	.28							
April	1.41	.84	1.09	1.35							
May	1.62	2.07	1.71	1.01							
June	.54	.71	1.72	1.15							
July	2.17	2.83	.77	1.46							
August	4.19	1.30	1.27	3.13							
September	.43	1.05	1.40	3.34							
October	2.32	3.76	1.79	3.50							
November	2.27	2.36	1.32	3.04							
December	1.35	2.13	1.35	1.03							
TOTALS	23.77 d	21.56 d	18.42 a.p.	21.64 D	M.R.						

1943 n.p. lake.

MET. O.B. RAINMASTER
RETROSPECTIVE SITE REVIEW

181360

NGR: TL(52) 506438

ALT: 160 ft = 49 metres. Date of review: 24.10.86

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.
1941			Gt. Chesterford			Gt. Chesterford		

BRITISH RAINFALL ORGANIZATION

(4486-90) Wt. 47525-4472 12,000 2/40 T.S. 700

1910-19

1920-30

1931-40

1941-50

Record

✓

✓ but 2R23

✓

✓ but 44 T. 1942

D.S. 2

✓ but 2/19

✓ but 2/21-30

✓ but 2/32-34

✓