

RAINFALL AT *Chatham Luton Water Works*

Lat. _____

Lon. _____

County of *Kent*

Rain Gauge, by _____

Observer

*W. Coles Finch Esq.**1/2 - midway.*

Diameter									5		
Height									3 - 0		
Altitude									88 ft		
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January ....									.32	2.27	
February ....									.91	1.70	
March									1.71	.59	
April									1.47	2.68	
May									3.04	1.12	
June								[#] 2.39	1.85	1.06	
July .....								.53	.58	1.77	
August								2.45	1.42	1.17	
September....								2.18	.32	1.94	
October .....								.34	2.08	1.98	
November....								1.09	2.44	3.73	
December								2.34	1.72	1.55	
TOTALS									17.86	21.56	

Luton Church 1/5 mile N.W.

RAINFALL AT

Chatham Luton Water Works

Lat.

Lon.

County of

Kent West

Rain Gauge, by

Observer

W. Coles Finch Esq

4 - Medway.

Diameter ..	5										
Height	3 0										
Altitude ..	88 7										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.07	.63	.50	2.09	3.31	.66	3.36	1.10	1.15	.76	1.663
February ..	5.27	1.26	1.28	1.27	2.84	.68	1.75	1.34	.92	.89	1.750
March	1.02	2.10	1.17	1.88	1.41	2.13	1.37	.70	2.03	3.32	1.713
April	1.19	1.75	.43	1.82	.71	2.31	.56	2.45	2.44	1.60	1.526
May	1.13	.79	2.49	2.40	1.33	.96	1.60	2.08	1.48	1.10	1.536
June	2.36	.59	2.03	5.88	1.24	5.34	3.06	2.75	1.22	2.72	2.719
July	1.13	1.23	1.54	4.70	2.55	.50	2.27	1.83	2.57	3.48	2.180
August	2.04	1.68	3.09	2.91	1.91	1.96	.63	1.60	3.24	2.22	2.128
September ..	.63	1.09	.86	1.66	.86	1.62	1.53	.53	1.66	3.10	1.354
October	1.81	2.28	1.72	4.15	1.46	1.13	3.44	4.01	1.44	3.90	2.534
November ..	2.87	.52	1.68	2.42	1.25	2.83	5.12	2.18	.77	1.08	2.072
December ..	2.01	3.66	1.37	1.34	2.62	.54	1.74	2.56	2.21	3.13	2.118
TOTALS ..	24.53	17.58	18.16	32.52	21.49	20.66	26.43	23.13	21.13	27.30	23.293

H. S.

RAINFALL at Chatham Luton W. W.County of KentObserver W. G. Finch EsqRiver Basin Medway 4

Rain Gauge, by _____

Diameter ...	5											
Height	3 0											
Altitude ...	88 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Sums
January ...	2.50	1.05	2.65	3.32	.36	2.87	.84	1.24	2.87	3.84		16.19
February ...	3.20	1.10	1.24	.69	2.26	3.65	3.44	.41	.64	2.09		8.79
March	1.48	2.46	2.96	2.30	5.52	.95	3.32	1.41	.88	2.66		6.58
April	1.63	2.04	.02	2.79	1.16	1.35	1.32	2.10	1.84	3.40		8.72
May	2.90	.87	.86	1.38	1.54	4.71	1.71	1.82	1.62	.18		8.66
June	2.44	1.83	2.81	.30	1.17	1.30	2.01	1.40	.68	1.13		5.33
July	2.80	.38	1.13	2.40	1.19	2.58	1.19	6.40	5.33	2.27		5.22
August	2.39	.95	4.20	1.05	.49	1.76	3.21	5.48	1.19	2.23		15.19
September ..	.80	1.24	2.35	1.60	.55	2.39	.96	.63	3.88	.95		12.11
October ...	1.81	4.60	2.60	4.14	2.17	1.68	2.43	2.98	2.69	.58		6.32
November ...	4.06	4.51	2.02	3.57	2.78	3.04	4.15	1.14	1.80	2.33		8.68
December ...	3.61	4.41	2.54	.87	5.67	5.18	2.57	1.81	1.67	3.21		9.42
TOTALS ...	29.62	25.44	25.38	24.41	24.86	31.46	27.55	26.82	25.04	24.87		9.26
			3	3	3	3		2	2	3		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Chatham					

RAINFALL at *Chatham Sutton Water Works*County of *Kent*Observer *H. Colver Finch Esq. CF*River Basin *Medway &**Shoother* Rain Gauge, by

Diameter ...	5"								5				
Height	3 0								3 0				
Altitude ...	88												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 Means		
<i>22.12</i> January ...	2.41	1.52	2.25	1.30	2.49	1.64	2.49	1.84	2.61	.80	2.77	2.01	
<i>18.63</i> February ...	.36	.72	1.62	3.27	.95	3.45	2.15	3.63	1.11	.59	.78	1.69	
<i>14.13</i> March .....	.72	1.24	1.55	1.96	.86	.98	.29	2.99	1.90	.03	1.31	1.28	
<i>24.99</i> April	2.91	1.51	2.22	1.34	3.04	1.81	5.82	1.46	2.20	1.26	1.42	2.27	
<i>19.96</i> May .....	.59	1.47	.45	3.08	2.65	2.29	1.30	.78	2.44	1.13	3.42	1.81	
<i>15.00</i> June	1.38	.20	1.18	.80	1.53	.30	2.66	2.37	2.46	.96	1.16	1.36	
<i>24.51</i> July	2.92	.44	2.55	.88	3.27	3.07	1.77	3.83	1.68	1.07	3.03	2.23	
<i>24.50</i> August	1.60	.60	2.76	1.48	2.81	2.06	1.28	3.76	2.42	1.94	3.49	2.23	
<i>23.15</i> September...	3.84	.95	2.54	1.56	2.66	2.03	.72	4.28	.65	.56	3.36	2.11	
<i>27.38</i> October.....	.75	.83	1.62	5.21	3.73	3.30	2.76	1.15	3.45	3.16	1.12	2.49	
<i>32.01</i> November...	.76	1.70	1.41	2.41	2.92	2.25	5.34	2.44	3.10	5.36	4.32	2.91	
<i>28.21</i> December...	1.93	1.11	3.00	1.97	2.93	2.51	.69	3.60	3.53	4.89	2.05	2.57	
<i>274.59</i> TOTALS...	20.17	12.29	23.48	25.26	29.84	25.69	27.27	32.13	28.48	21.75	28.23	24.96	

1927. No near object.

1928 M.O. Loan gauge at 1ft was in operation from 23rd Jan - 31st Dec and gave results about 2% in excess of this gauge at 3 ft. The observer however in view of the long record and the small difference decided not to lower his 3ft gauge to the standard height of 1ft. See file 733605/2 and Chatham & Sutton for confirmation.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 22'	0° 33'	Chatham	1 1/2 m	W.	Sutton	1/4 m	N.W.

RAINFALL at Chatham (Luton W.V.)County of KentObserver N. Coles Fyfe, Esq. C.E.River Basin Medway H.A.E. Williams, Esq. B.Sc. (1938)

Type of Gauge.....

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

739605/27

Diameter	5											
Height	30											
Altitude	83											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.58	1.97	1.57	1.86	1.13	4.63	4.95	2.74	4.00	1.93	2636	
February	1.82	.97	1.49	.21	3.85	1.60	4.08	.87	1.36	1.61	1756	
March	.08	1.29	2.60	2.60	.56	.96	3.73	.58	1.48	3.85	1773	
April	3.94	2.01	.68	2.16	2.94	1.54	2.32	4.41	2.58	1.69	2027	
May	2.71	2.60	1.95	.74	1.70	.44	3.09	2.34	1.90	1.14	1861	
June	1.02	.81	1.23	1.77	2.13	4.44	2.40	.45	1.54	.75	1654	
July	1.94	2.67	2.68	1.67	.64	2.68	1.71	1.48	1.92	4.73	2212	
August	3.62	.58	.71	1.35	2.54	1.12	2.35	1.39	2.78	.28	1672	
September	1.96	1.87	2.62	1.37	3.98	2.32	2.08	2.67	1.08	.84	2079	
October	.57	5.76	1.54	1.68	3.08	2.22	2.35	2.34	8.06	2.99	3059	
November	3.55	.94	1.20	2.12	4.74	4.16	1.60	2.64	4.14	7.06	3215	
December	.42	.29	.49	4.51	2.77	1.87	3.91	2.97	1.31	1.64	2018	
TOTALS	23.21	21.76	18.76	22.04	29.76	27.98	34.57	20.88	32.15	28.51	25962	(w)

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

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

Station No. 369RAINFALL at Chatham (London W.)

41

County of KentObserver A. E. Watkins Esq. B.Sc. C.E.River Basin Medway

Type of Gauge

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

File No. 739605/27

Diameter	5				298	464						
Height	3' 0"					1						
Altitude	88'					41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.76	2.28	4.37	1.20	1.96	1.22	2.14	2.98	.93	1.43	21.27	
February	2.10	1.07	1.55	1.13	1.47	2.45	1.36	1.50	.96	3.86	17.45	
March	1.44	2.72	.34	.12	1.81	1.35	4.24	.67	.81	1.22	14.72	
April	1.80	1.38	1.30	1.68	1.29	2.32	1.35	1.32	1.52	2.20	16.16	
May	1.80	2.92	2.72	.46	2.23	3.19	1.45	1.85	1.71	1.88	20.21	
June	1.77	.68	1.47	1.36	.85	2.09	2.95	2.62	.61	.95	15.35	
July	2.24	2.53	1.89	2.48	2.51	2.35	3.67	1.02	1.70	2.99	23.38	
August	3.41	2.10	1.72	3.07	2.39	5.00	.06	2.99	1.17	1.52	23.43	
September	.39	2.70	1.79	2.88	.75	2.55	1.25	1.47	.79	2.19	16.76	
October	1.05	3.05	3.08	5.04	2.07	1.71	.50	1.61	7.32	.27	25.70	
November	3.19	1.66	1.42	4.59	.68	4.48	.98	1.63	2.49	5.14	26.26	
December	1.67	2.17	1.87	1.53	3.62	2.30	2.63	3.18	1.39	1.87	22.23	
TOTALS	23.62	25.26	23.52	25.54	21.63	31.01	22.58	22.84	21.40	25.52	242.92	

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

BRITISH RAINFALL ORGANIZATION

Station No. 369

RAINFALL at CHATHAM (LUTON Waterworks P.S.)

51

County of KENT

Observer R. F. WATKINS Esq., B.Sc., C.F.,

River Basin MEDWAY - H

Medway Water Board w.r. 1956

Type of Gauge Snowdon

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

No average worked - exp. inaccurate

File No. 739605/27

Diameter ...	5"			298	464						
Height ...	3'0"										
Altitude ...	88'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.29	2.13	1.06	1.35	2.82	4.64	1.27	2.22	2.16	2.47	22.46
February ...	5.74	1.01	1.10	1.86	2.06	.51	3.35	2.00	2.00	1.85	19.48
March ...	2.99	3.13	.24	2.58	1.18	.56	1.05	1.09	1.77	1.49	16.08
April ...	2.47	.98	2.32	.23	.20	1.03	.12	1.65	2.29	0.54	11.83
May ...	2.26	1.07	1.89	2.06	3.90	.39	1.38	1.81	.78	2.94	18.48
June ...	1.19	1.66	2.38	3.87	2.50	2.28	1.07	3.94	.75	1.74	21.38
July ...	2.71	.81	2.93	2.36	2.70	4.36	3.01	1.79	1.57	3.46	25.70
August ...	3.64	2.70	1.36	3.21	2.05	2.98	2.22	5.04	.72	4.45	28.37
September ...	4.17	3.48	2.86	1.60	2.03	1.82	2.54	4.12	.21	3.82	26.65
October ...	1.09	2.15	2.54	1.66	4.43	1.11	1.23	3.22	1.94	6.18	26.55
November ...	3.78	4.48	1.25	5.02	.83	.58	3.31	1.50	2.87	4.14	27.76
December ...	1.92	2.75	.43	1.62	1.67	2.41	2.27	3.47	3.60	2.94	23.38
TOTALS ...	34.25	26.35	20.66	27.42	26.37	22.72	22.82	31.85	18.66	36.02	267.12
	D	D	D	D	D	D	D	D	D	D	

Inst. III 1959 J. D. K. One inch from N.W. 511. New site chosen 7/59 has been adopted.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference TA 715 663

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge.	Direction from gauge.
1958			Gillingham	4 1/2 mi.	N.	Luton	4 mi.	N.W.

Summary of Earlier Records from 10-year Sheets :

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