

RAINFALL at Luton, Wardown ParkCounty of HedfordshireObserver E. A. Mander Esq.River Basin Thames-Sea 2J. W. Tomlinson Esq. CE (1922)  
Borough Engineer66.0 ft. Rain Gauge, by N. C. J.

Diameter ...	5"	5"											
Height .....	1.0	1.0											
Altitude ...	390	381											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>Mean</del> 1920	Totals	
January ...	2.49	2.07	2.59	1.29	2.61	1.35	2.78	2.57	3.54	1.46	3.15	25.90	
February ...	.47	.28	2.11	3.51	.62	2.27	2.57	3.66	1.59	.68	0.65	19.51	
March .....	1.57	.79	1.93	2.14	.71	1.29	.11	1.97	1.93	.04	1.46	14.04	
April .....	4.13	1.02	3.28	1.43	3.06	1.45	3.10	1.53	.77	1.76	1.94	23.48	
May .....	1.75	1.27	1.06	1.11	5.68	1.87	2.15	.65	1.33	1.35	2.33	20.55	
June .....	2.17	.17	1.23	.41	1.67	.09	2.78	2.97	1.43	.62	0.30	13.84	
July .....	3.41	.15	3.81	3.48	4.00	3.81	2.41	2.30	2.39	1.11	1.86	28.73	
August .....	.98	.87	2.58	2.65	1.72	2.24	.86	3.81	2.10	.31	2.28	20.50	
September...	2.35	1.49	2.12	2.07	2.93	2.51	1.81	4.46	1.58	.12	3.68	24.12	
October .....	1.44	.67	.67	3.95	3.84	3.66	2.39	1.55	3.87	3.86	0.84	26.74	
November...	1.43	2.20	1.16	1.45	2.86	1.67	4.13	2.30	2.22	5.79	3.96	29.67	
December...	1.74	1.62	2.51	2.20	3.19	1.43	.39	3.29	2.74	4.91	2.36	26.43	
TOTALS...	23.93	12.61	25.05	25.69	32.89	24.99	25.48	31.56	24.49	22.01	24.81	272.51	
	D	D	D	D	D	D	D	D	D	D	D	D	

1921. Electric windmill total 9' high, 10 ft. 6" dia.

19/4/25 Inspected see green file.

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	Parish Church.	Distance from gauge	Direction
1921.	51° 24'	0° 25'	Luton	1 mile	S.	St. Matthews, St. Mary's	2 1/4 miles	S.E. SSE

RAINFALL at Luton (Wardown Park)

M.W.R.

County of BedfordshireObserver J. W. Tomlinson Esq. C.E.River Basin Thames-Lea-2F. Oliver (1940)

Type of Gauge.....

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

Diameter	5.										
Height	1.0.										
Altitude	381.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals Means
January	1.25	1.65	1.55	1.76	1.72	3.54	4.15	2.78	6.29	2.59	25.38
February	1.81	.28	2.32	.52	2.85	2.46	3.50	.52	.70	1.97	16.93
March	.06	1.48	2.14	2.22	.45	1.19	3.44	.41	1.86	2.98	16.23
April	3.41	2.32	.93	1.32	3.18	1.17	2.93	.05	3.16	1.86	20.32
May	2.12	4.35	1.69	.60	2.19	.50	3.81	1.70	1.66	2.23	20.85
June	1.44	1.20	1.97	1.33	2.52	3.71	1.47	.43	2.10	.46	16.93
July	5.43	2.97	.94	1.11	1.26	5.02	.97	1.56	1.93	2.63	23.82
August	3.73	3.36	.57	1.96	1.67	.23	1.72	4.86	6.21	.02	23.33
September	2.07	1.88	2.27	1.35	3.51	2.98	1.85	1.69	1.44	.67	19.71
October	.49	4.16	1.47	1.80	2.51	1.59	2.69	2.79	4.13	2.97	24.60
November	2.93	1.47	1.29	1.80	4.24	2.65	1.56	2.75	2.88	7.67	29.24
December	.77	.54	.42	4.51	2.69	1.93	3.06	3.54	1.64	1.37	20.37
TOTALS	28.51	25.66	17.56	20.28	27.79	26.97	31.15	23.08	31.99	27.72	257.71

Inspected 27/3/34. Measure now standard. New one (Cipax) purchased 12/34.

→ See next book.

Annual average of 24.7 in. - rejected from Bedford survey as 15" low (12/40)

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

Station No. 1161

RAINFALL at Luton (Mardown Park)

M.W.R. (106) 41

County of Bedfordshire

Observer T. Oliver Esq.

River Basin Thames - Lea - 2

The Borough Engineer

Type of Gauge

25.27

Annual Average  $\bar{X}$  in. based on 16 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.

File No.

Diameter	5"			240	194							
Height	1' 0"				1							
Altitude	381'				41							Totals
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950		Means
January	2.81	2.75	4.43	1.66	2.02	1.57	1.38	4.62	1.02	1.79	23.05	
February	2.17	.76	1.17	1.04	1.59	2.14	1.61	.89	1.11	3.58	16.06	
March	3.12	1.30	.56	.12	.50	1.67	(5.17)	.86	1.05	.72	15.07	
April	1.09	1.22	1.02	2.38	1.05	.88	1.85	1.38	1.31	2.11	14.29	
May	1.98	2.76	2.29	1.09	1.78	2.16	1.13	2.83	1.47	2.14	19.63	
June	1.30	.32	2.53	1.81	1.72	2.53	2.21	3.66	.45	1.32	17.85	
July	3.09	2.40	1.21	1.26	1.91	1.66	1.99	.98	2.01	4.62	21.13	
August	3.95	3.48	1.37	1.96	1.88	3.51	.01	2.68	1.85	2.80	23.49	
September	.64	1.08	1.31	2.22	2.03	3.39	1.13	2.25	.25	2.91	17.21	
October	1.28	3.44	2.43	3.24	2.56	1.56	.19	2.44	4.52	1.42	22.08	
November	2.64	1.60	1.19	3.10	1.21	5.66	1.01	1.65	3.00	4.71	25.77	
December	1.13	2.55	1.15	1.22	3.07	1.94	2.60	2.50	1.16	1.53	18.85	
TOTALS	25.20	23.66	20.66	21.10	21.32	28.67	20.28	26.74	19.20	27.65	234.48	

Jan 24<sup>th</sup> 1950. Observer asked to improve rainfall return, which was determined.

13/6/50. Imp. Mr P.O. Lunkey, Rte obs exposed to E &amp; NW. Fall of 12 ft

to NW. Crickets pitched to S &amp; E. Insects can be seen.

1951. Ground slopes down sharply to road.

A new site was later selected (1932) & compiled average then becomes 25.2, which is possible.

Annual average of 24.7 ins rejected from survey as  $1\frac{1}{2}$ " low (1x140)

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



Station No. 1161RAINFALL at Luton (Dedon Brook)

51

County of HertsObserver A. Houghton EngineerRiver Basin Hames - Lee - 2Type of Gauge M.O.Annual Average 25.2 in. based on 16 years obs. un-weighted.Period of average 1881 - 1915 Ref. P. 16525.10 " " 35 " " 1916-1950File No. 1161

223/65/58

Diameter ...	5"			240	194					5"	
Height ...	1' 0"									1' 0"	
Altitude ...	381'									379'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Total Means
January ...	2.95	1.86	1.20	.87	2.28	4.37	1.03	2.30	3.27	2.41	22.54
February ...	4.46	.63	1.67	2.19	2.06	.61	2.72	2.55	.03	2.02	18.94
March ...	3.39	2.80	.64	2.37	1.15	.92	1.15	1.63	1.85	1.78	17.68
April ...	3.05	1.83	2.24	.36	.45	1.09	.26	1.33	2.42	.41	13.44
May ...	2.64	2.06	1.65	2.76	4.35	.50	.89	1.91	.76	1.50	19.02
June ...	.91	.77	1.96	3.47	2.45	3.21	1.09	4.21	1.09	1.49	20.65
July ...	1.66	.48	2.56	3.06	.12	2.73	3.65	2.08	3.84	2.91	23.09
August ...	3.81	3.06	1.88	3.78	.71	4.29	1.95	2.15	1.11	3.53	26.27
September ...	2.58	3.27	1.69	1.63	1.33	2.41	2.61	3.73	.11	3.50	22.86
October ...	1.09	2.86	2.36	1.74	2.36	1.74	2.61	2.41	1.74	5.15	24.06
November ...	4.65	3.96	1.41	4.93	1.33	.91	1.89	1.92	2.13	4.21	27.34
December ...	1.71	2.96	.62	2.19	2.61	3.62	2.43	2.24	3.41	3.55	25.34
TOTALS ...	32.90	26.54	19.88	29.35	21.20	26.40	22.28	28.46	21.76	32.46	261.23
	D	D	D	D	D	D	D	D	D	D	

Gauged 21/1/60. D.V. Johnston. Satisfactorily exposed. Gauge in good class condition, new

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference TU6283221

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

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
		✓	✓	✓	
		✓	✓	✓	