

RAINFALL AT

Lea Bridge

Hackney.
Hackney.

Lat. _____

Lon. _____

County of _____

Middlesex

Rain Gauge, by _____

Observer _____

W.B. Bryan Esq. C.E.

LONDON & Thames left Bank.

Diameter				36		8					
Height				0 3		1 0					
Altitude				23 π							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				1.66	3.24	1.12	.60	1.63	.67	2.30	
February				3.24	2.01	.19	.21	2.27	.94	1.63	
March .....				.40	1.33	1.29	2.61	3.01	1.09	.46	
April .....				.02	1.81	1.03	.48	1.54	1.21	2.35	
May .....				.77	1.75	.34	.19	1.38	1.93	1.17	
June .....				.63	1.91	.29	2.35	1.41	1.14	1.40	
July				1.76	3.12	3.47	1.29	2.02	.65	1.33	
August				1.40	3.43	2.00	1.65	2.75	1.04	.48	
September....				.94	1.17	1.45	5.12	3.01	.45	2.21	
October				4.20	4.59	2.56	2.94	.50	2.80	1.97	
November				2.50	2.77	2.69	1.09	1.05	1.67	4.07	
December				2.12	2.51	1.94	3.15	2.11	2.30	1.00	
TOTALS				19.64	29.64	18.37	21.69	22.68	15.89	20.37	

RAINFALL AT

Lea Bridge

Lat.

Lon.

County of

Middlesex

Rain Gauge, by

Observer

W B Bryan Esq. Ch.

Lea - 1.

W Blackburn Esq. Ch.

mit Water Board

Diameter ..	8										
Height	10			6							
Altitude ..	23										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	2.52	.43	.65	1.90	1.82	1.05	3.63	.67	1.28	.66	1.461
February ..	3.09	.86	1.16	.70	2.11	.61	1.87	.99	1.32	.52	1.323
March ....	.66	1.58	1.70	1.89	1.41	2.90	.89	.79	2.05	2.80	1.667
April .....	.80	1.77	.41	1.88	.93	1.64	.64	3.15	2.19	1.93	1.534
May	1.00	1.17	2.29	1.52	1.72	.77	1.12	1.68	1.49	1.52	1.458
June	1.74	.95	2.98	5.86	.66	3.58	2.18	1.82	1.57	3.73	2.507
July	1.88	3.73	1.11	5.45	1.72	.61	.87	2.60	3.14	2.92	2.403
August	2.52	1.50	3.39	3.84	1.39	2.72	.90	1.66	2.33	1.61	2.186
September ..	.62	1.44	1.20	2.47	1.00	1.73	1.63	.91	1.57	2.50	1.507
October	1.49	2.13	1.26	5.71	1.29	1.03	3.01	2.28	1.68	3.87	2.375
November ..	1.61	.55	1.33	1.44	1.55	2.49	3.62	2.03	.57	.82	1.601
December ..	2.14	2.59	1.25	1.00	1.43	.59	1.91	3.51	1.67	2.56	1.865
TOTALS ..	20.07	18.70	18.73	33.66	17.03	19.72	22.27	22.09	20.86	25.44	21.857

Annual average (London Survey) Rejected as 1' low.

+ Inspected

RAINFALL at Lea BridgeCounty of EssexObserver Met. Water Board
*with station ch.
3 m. W. of*River Basin Thames. Lea 1

Copperflash Rain Gauge, by _____

Diam. $\left\{ \begin{array}{l} 7.95 \\ 8.00 \\ 7.94 \\ 8.05 \end{array} \right.$ glass correct KH-13

Diameter ...	8											
Height	0 6											
Altitude ...	23 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	1.36	1.25	3.50	2.62	.46	3.77	1.10	1.16	2.67	3.06		7.98
February ...	2.50	1.34	1.47	.67	2.13	2.83	2.83	.79	.97	2.46		7.05
March .....	.93	1.90	2.51	2.06	4.09	.84	3.75	1.73	.83	3.09		7.40
April	1.92	1.46	.04	2.82	.71	1.07	1.15	1.91	3.11	3.21		7.38
May	1.96	1.02	.96	1.29	1.83	3.21	1.67	2.82	3.01	.43		7.73
June	1.72	2.84	3.12	.32	1.79	1.15	1.85	2.01	1.04	1.67		6.57
July	1.88	.41	1.17	2.59	1.28	4.01	1.64	3.84	6.75	1.77		14.4
August	1.93	.40	4.04	1.68	.96	2.20	5.06	4.00	1.31	2.06		12.3
September ..	.60	1.35	2.09	1.67	.83	1.78	1.11	1.55	4.85	1.16		8.67
October ...	1.70	2.57	1.83	3.20	1.06	1.64	2.92	3.21	1.11	.78		7.02
November ..	3.05	3.21	1.60	2.27	2.83	2.21	3.97	1.54	1.80	1.39		8.70
December ...	2.97	3.80	2.71	.69	5.84	5.12	2.42	.84	2.26	3.27		8.77
TOTALS ...	22.52	21.45	25.04	21.88	23.81	29.83	29.47	25.39	29.71	24.35		103.9
	7	7	7	7	7	7	7	7	7	7		7

Annual average (London Survey) Rejected as 1" too low.

+ Inspected c.s. 89 KH-13 Sound but rather bent g. On level bank between two reservoirs in a good but rather open exposure.

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.33.47	0.2.20	Lea Bridge	1/2 m	NNE			

RAINFALL at Lea BridgeCounty of EssexObserver Met. Water BoardRiver Basin Sharnbrook

Northern District

Copper House Rain Gauge, by
X.25 correct

Glass uncorrected

1920 48.15 48.20 48.11 correct
but uncorrected glass 48.20 (wind read)
and 48.15 48.20 48.11 correct

Diameter ...	8												
Height .....	.6												
Altitude ...	23												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
January ...	2.34	2.03	2.46	1.01	2.60	1.76	2.34	1.38	3.32	.80	2.40	22.49	72.15
February ...	.60	.24	1.69	2.50	.60	2.55	3.09	3.07	1.42	.47	.89	17.12	
March	1.48	1.11	1.31	2.09	.58	.60	.35	2.40	1.18	.04	1.37	12.51	
April	3.08	1.21	2.65	1.33	2.69	1.65	3.33	1.78	1.00	1.05	1.58	21.35	
May .....	.56	1.06	.65	1.93	2.90	1.31	1.23	1.24	1.81	1.32	2.78	15.77	
June	1.50	.57	1.29	.43	2.46	.08	3.10	2.32	2.04	.93	2.42	17.14	
July	3.34	.14	3.36	2.47	3.66	3.67	2.38	3.51	1.68	1.50	1.67	27.43	
August	1.71	1.45	2.11	1.80	2.43	2.35	2.07	3.80	2.18	1.55	2.83	24.38	
September...	3.01	1.84	1.71	1.12	2.67	1.78	1.02	4.59	.68	.24	2.68	21.34	
October	1.34	.82	.83	4.84	3.16	2.59	2.14	1.14	3.09	2.54	.83	23.97	
November...	.74	1.69	1.26	1.35	2.50	1.29	4.13	2.05	1.76	4.88	3.87	25.72	
December...	2.18	1.01	2.81	1.88	3.03	2.49	.38	2.78	2.28	3.69	1.84	24.27	
TOTALS...	22.18	13.17	22.13	22.75	29.28	22.12	25.56	30.06	22.54	19.01	25.21	250.01	77.6
	D	D	D	D	D	D	D	D	D	D	D	D	D

1923 : *P. not actually inspected (6.11.23) but is reported to be in good condition. An uncorrected glass 48.20 in use.*
 1925 *inspected 7.20.25 in good position between canal and gutter heads.*
 20/1/27 *see gauge file*

Annual Average (London Survey) Expected as 1" less.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
	51.33.47	0.2.20	Lea Bridge	5 min	NWSE			

RAINFALL at Lea Bridge (Waterworks)County of EssexObserver Mel. Walker-BoardRiver Basin Thames-Lea-1

Type of Gauge.....

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

" 22.0 in. compiled by Mr. Cornish (1938)

Ref. 561245/36

883894/23

Diameter	5.										
Height	0.6.	1.	0.								
Altitude	23.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals. Means
January	1.10	1.24	1.18	1.14	.86	3.57	3.26	+	4.82	2.00	2176
February	1.67	.12	1.09	.12	1.88	1.32	4.04	.81	.81	1.27	1293
March	.20	1.40	2.04	1.79	.39	1.07	2.68	.27	1.13	3.27	1424
April	3.01	1.99	.70	1.72	2.75	1.22	2.47	.11	2.37	1.51	1785
May	2.56	3.05	1.66	0.42	1.02	.27	3.40	1.53	1.26	1.63	1700
June	1.26	.56	2.20	1.35	2.97	3.15	1.91	.27	1.27	.61	1555
July	2.22	1.89	.90	.84	1.28	2.54	1.23	1.67	2.14	2.79	1750
August	4.07	2.41	.48	1.68	1.64	.41	1.48	1.24	3.06	-	1647
September	1.74	2.25	2.73	1.14	2.57	2.38	1.53	3.28	1.49	.99	2010
October	.59	4.81	1.36	1.04	2.95	1.55	2.14	2.34	5.41	2.37	2456
November	1.89	1.06	.75	1.85	3.33	3.15	1.27	2.69	4.54	6.04	2657
December	.67	1.40	.35	4.67	2.41	1.81	3.54	2.70	1.04	.95	1854
TOTALS	20.98	21.18	15.44	17.81	24.05	22.54	28.95	19.25	29.44	23.43	22307

Inspected 5/3/34. Minor defects in gauge pointed out. Gauge should be moved S.W. to site on grass.
 Inspected 10/2/38. Gauge sound and correct. Exposure correct.

Annual Average (London Survey) 1900-1932. Rejected as 1" too.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge

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

Station No. 1228

RAINFALL at Sea Bridge (Waterworks)

41

County of EssexObserver Met. Water BoardRiver Basin Thames - Lea - 1

Type of Gauge.....

Annual Average Rain based on years obs. un-weighted. Period of average Ref....." " 22.0 in. Computed by the Cornish (1938) Ref 561249 File No. 883893/28

Diameter	5"			245	313							
Height	1' 0"											
Altitude	23'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.56	1.97	4.48	1.45	1.52	1.40	1.78	3.35	.74	.96		Total 20.21
February	1.71	.97	1.11	.57	1.53	2.51	1.15	1.40	.87	3.35		15.17
March	2.71	1.66	.36	.06	.65	.87	6.04	.59	.77	.69		14.40
April	1.66	.78	1.16	1.34	.80	1.20	2.02	1.43	1.46	1.85		13.70
May	1.83	2.55	1.53	.62	3.87	2.99	.98	2.58	1.82	1.45		20.22
June	1.54	.27	1.22	1.99	1.65	3.03	2.80	2.52	.77	1.20		16.99
July	2.86	1.46	1.82	1.27	2.46	2.10	1.47	.91	2.99	2.89		20.23
August	4.66	1.72	1.30	2.28	1.40	3.67	.05	3.24	1.08	1.73		21.13
September	.40	1.32	1.85	2.90	1.42	2.61	1.32	1.09	.33	2.02		15.26
October	.72	4.05	2.47	2.96	1.90	1.24	.10	1.67	5.25	.41		20.77
November	2.27	1.99	1.28	3.43	.26	3.14	.92	2.03	2.11	4.70		22.13
December	2.02	2.30	1.33	1.03	2.46	1.98	2.12	2.39	1.54	1.54		12.71
TOTALS	24.94	21.04	19.91	19.90	19.92	26.74	20.75	23.20	19.73	22.79		218.92
	D	D	D	D	D	D	D	D	D	D		9th

948 Gauge moved about 250' North. on 19th August.

Annual average 1900-32 Rejected from Survey as 1" low.

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. 1228 TF86RAINFALL at Sea Bridge (Waterworks) 245313 **51**County of Essex Observer Met. Water BoardRiver Basin Thames - Lea - 1Type of Gauge no k1Annual Average R in. based on 22.0 years obs. un-weighted. Period of average Ref.22.0 in. computed by Mr. Cornish (1938) Ref. 561245/36 File No. 888893/25 E 340/46
E 22624/58

Diameter	5	245	313								
Height	1' 0"										
Altitude	23'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.46	1.66	1.13	1.13	2.58	3.33	1.45	2.18	1.96	1.57	19.45
February	5.28	.82	1.44	2.30	1.55	.27	3.08	2.41	.04	2.01	19.20
March	3.15	2.29	.40	2.25	.96	.88	1.05	1.12	1.96	1.60	15.66
April	2.59	1.15	2.28	.35	.33	1.10	.17	1.61	1.36	.42	11.26
May	1.88	.87	1.12	1.70	4.28	.64	1.20	2.29	.75	1.86	16.59
June	1.04	1.92	1.51	3.47	2.31	2.19	.76	5.38	.76	1.82	21.16
July	1.61	.60	4.15	2.69	.53	4.96	3.66	1.93	1.47	2.76	24.36
August	4.02	2.30	1.62	2.75	1.23	4.80	1.54	3.23	2.97	2.75	27.21
September	3.15	3.02	1.91	1.67	1.78	2.66	2.28	3.99	.04	4.49	24.99
October	.86	2.53	3.11	2.55	2.87	2.31	1.99	2.34	1.57	5.09	25.22
November	4.57	2.67	.83	3.30	.53	.40	2.04	1.80	2.58	3.71	23.43
December	1.89	2.36	.61	1.55	1.69	2.60	1.59	2.94	2.90	2.13	20.26
TOTALS	32.50	23.19	20.11	25.71	20.64	26.14	20.81	31.22	18.86	30.21	249.39
	D	D	D	D	D	D	D	D	D	D	

No 11253. G. Sound. Telegraph pole 20' high 24' s.

Inst. II 1958. BOK. Over-cast NW-S. by a bit bettered

Inspected 10-10-60 by H.H.H. of H.H.W.S.W. otherwise reasonably satisfactory. g. a bit bettered and holes mounds

continues

* Annual average 1900-32 rejected from survey as 1" low

Position of Station on Ordnance One-Inch map: No. of Map 161 National Grid Reference 513598697

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
	✓	✓	✓	✓	
	✓ but -18	✓ but -27	✓ but d 31+32	✓ but d 44+45	