

RAINFALL AT East Ham well.

Lat. _____

Lon. _____

County of Essex

Rain Gauge, by _____

Observer W.B. Bryan Esq C.E.

Rodding - 2.

Diameter										8		
Height										10	8.0	
Altitude										17	34	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....									.54	2.05		
February ....									.87	1.70		
March .....									.94	.48		
April									1.25	2.31		
May									1.78	1.69		
June .....									.92	1.25		
July .....									.52	1.33		
August .....									.62	.59		
September ....									.28	2.14		
October									2.53	2.18		
November									1.72	3.62		
December									2.11	1.18		
TOTALS									14.08	20.52		

Annual Average (London Survey) = 21.6.

RAINFALL AT East Ham well

Lat.

Lon.

County of Essex

Rain Gauge, by

Observer W.B. Bryan Esq. cl.

Reading to - 2.

W.B. Blackburn Esq. cl.
Met. Lab. Board

Diameter ..	8										
Height	10										
Altitude ..	34	17									
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	2.27	.55	.61	1.82	1.79	.97	3.58	.76	1.29	.85	1.449
February ..	2.51	.66	1.01	.83	2.04	.56	1.62	.92	1.38	.68	1.221
March ....	.87	1.52	1.12	1.96	1.10	2.96	.86	.79	1.98	2.82	1.593
April .....	.87	1.58	.38	1.69	.75	1.73	.75	3.34	2.39	1.56	1.504
May	1.35	1.52	3.01	1.44	1.90	.64	1.27	2.00	1.59	1.36	1.603
June	4.09	.95	3.10	5.53	.81	3.05	1.88	1.60	1.50	2.72	2.523
July	1.58	2.58	1.20	6.59	1.87	.44	.68	1.95	4.56	3.05	2.450
August	2.32	1.74	2.88	3.52	1.43	2.27	1.85	1.61	2.59	1.56	2.177
September ..	.57	1.23	1.28	1.92	.99	2.15	1.69	.84	1.19	2.03	1.389
October	1.60	2.55	1.14	4.42	1.54	1.01	2.87	2.69	1.87	3.99	2.368
November ..	1.57	.59	1.32	1.53	1.37	2.38	3.47	2.07	.76	.72	1.578
December ..	2.07	2.41	1.12	1.04	1.90	.61	1.99	2.51	1.54	2.22	1.741
TOTALS ..	21.67	17.88	18.17	32.29	17.49	18.77	22.51	21.08	22.64	23.56	21.606

Annual average (London Survey) = 21.6.

RAINFALL at East Ham WellCounty of EssexObserver Met Water BoardRiver Basin Thames. Rodip & C 2J.M. WoodCopper gauged Rain Gauge, by StanleyDiam $\begin{cases} 8.02 \\ 7.96 \\ 7.99 \\ 7.99 \end{cases}$ (0.99) glass correct X11-13

Diameter ...	8											
Height	1.0											
Altitude ...	188											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	1.34	1.32	3.17	2.77	.39	3.69	.94	1.20	2.73	2.54		16.19
February ...	2.12	1.28	1.39	.55	2.03	2.18	3.35	.88	.93	2.63		7.41
March .....	.93	2.12	2.30	2.02	3.65	.69	3.71	1.94	.94	3.88		10.17
April	1.39	1.67	.06	2.27	.82	1.05	1.13	1.85	3.46	3.21		9.65
May	1.83	.99	.98	1.30	1.78	2.98	1.57	3.85	2.06	.32		7.80
June	2.00	2.58	2.70	.35	1.16	.74	1.74	1.66	1.02	1.67		6.09
July	2.34	.36	1.51	1.82	1.44	3.75	1.45	3.64	6.73	2.51		42.30
August	2.29	.75	4.15	1.73	1.02	3.81	3.45	4.87	1.10	1.98		11.10
September ..	.79	1.97	1.96	1.37	.72	1.68	.93	1.61	4.31	.91		7.76
October ...	1.93	3.55	1.76	3.44	1.12	1.65	2.21	2.20	1.53	.92		6.86
November ..	3.30	3.05	1.48	2.50	2.13	2.28	3.76	1.27	1.97	1.41		8.41
December ...	2.99	3.41	2.54	.65	5.04	4.53	2.55	1.14	1.78	2.83		8.30
TOTALS ...	23.25	23.05	24.00	20.77	21.30	29.03	26.79	25.81	28.56	24.51		105.67
	D	D		D	D	D	D	D	D	D		105.67

Annual average (London Survey) = 21.6.

Inspected Es. 19-XII-13. G. rather battered but sound, except underflange which will be soldered.
 Good position on small grass plot. Small shrubs 4 ft high 8 ft away all sides. Spring
 poplars 25 ft high 25-30 ft SW of E. Recommended site of g. 30-40 ft N of trees grows highest.

Date.	Lat. N.	Long. E.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.32.33	0.4.27	Barking					

RAINFALL at East Ham WellCounty of EssexObserver Met. Water BoardRiver Basin Thames Roding &c. 2Mr. Wood8.01
7.96
8.01
7.97Copper Shedder Rain Gauge, by Shedder
old funnel
becoming detached (21) } suggested repair
inverts. after a year.Northern District
"glass not escaped" - 1923.
glass + spare are accurate
X.25 Barilla An Insulated 800371
Garden 4803 + spare.

Diameter ...	6												
Height	0	11	1	0		11	0	12	4				
Altitude ...	17					18							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930		
January ...	1.89	1.59	2.23	1.78	2.49	1.65	2.05	1.13	3.09	.83	2.13	19.86	Total
February ...	.49	.20	1.56	2.39	.78	2.51	2.91	2.99	1.32	.40	.80	16.35	
March	1.21	.88	1.10	1.82	.69	.82	.18	1.93	1.36	.03	1.42	11.44	
April	2.39	1.21	2.33	1.18	2.62	1.64	3.69	1.60	1.07	1.18	1.26	20.17	
May .....	.41	1.22	.66	1.49	3.10	1.43	1.29	1.47	1.65	1.79	2.92	17.43	
June	1.22	.49	1.12	.51	3.14	.13	3.41	2.32	2.20	.76	1.30	16.60	
July	3.15	.08	2.35	2.42	2.69	4.21	2.26	2.28	1.86	1.52	1.70	24.52	
August	1.91	1.18	1.72	1.83	2.29	2.76	2.36	3.55	2.40	1.99	4.51	26.50	
September...	3.17	1.54	1.65	.93	2.45	1.87	1.21	4.04	.61	.56	2.65	20.68	
October .....	.88	.66	.92	4.22	2.95	2.59	2.35	1.07	3.31	2.57	.88	22.40	
November...	.67	1.87	1.18	1.43	3.01	1.33	4.33	1.96	1.92	4.45	3.53	25.68	
December...	1.94	.82	2.22	1.81	2.73	2.47	.54	2.96	2.43	3.83	1.59	23.33	
TOTALS...	19.33	11.74	19.04	20.81	28.94	23.41	26.58	27.29	23.22	19.91	24.69	244.96	
	2	2	2	2	2	2	2	2	2	2	2	2	

Inspected 28.2.21 - 2. in sheltered site but best available.

" 3.11.23 - New g. installed since last inspection is not of satisfactory pattern. recommend placing a new gauge a few yards further N. Shelter near g. are getting rather tall.

" of 20.X.25 5. in good position.

" 28.X.27 3 in green field

1929 Tree 9 ft. high 15 ft. S.E.

Annual Average (London Survey) = 21.6.

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

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1929	51.52.33	0.4.27	Barking			Barking	30072	S.E.

RAINFALL at East Ham WellCounty of Essex Observer Mel. Water BoardRiver Basin Thames-Roding etc. 2.

Type of Gauge

Annual Average 21.6 in. based on 35 years obs. ~~un~~-weighted. Period of average 1881-1915 Ref. S

833394/28

Diameter	5.											
Height	1.0.											
Altitude	17.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals.	Means
January	1.09	1.31	.93	.95	1.03	2.70	2.78	2.15	4.20	2.05	1919	
February	1.54	.28	1.37	.08	1.83	1.22	3.73	.44	.71	1.33	1253	
March	.17	1.57	1.71	1.68	.27	1.02	2.51	.28	1.31	3.16	1368	
April	3.44	1.95	.68	1.94	2.41	1.05	2.69	.08	2.48	1.41	1813	
May	2.54	3.76	2.29	.42	1.22	.43	3.17	1.40	1.80	1.54	1857	
June	1.24	.68	2.53	1.64	2.27	2.55	2.28	.39	1.62	.46	1546	
July	2.60	2.09	1.40	.93	.38	2.22	1.56	1.18	2.17	4.08	1861	
August	3.91	3.10	.41	2.07	1.88	.37	.75	1.22	4.63	.06	1830	
September	1.44	1.95	2.57	1.16	2.25	2.44	.90	2.61	1.02	.98	1732	
October	.64	4.84	1.36	1.02	2.13	1.30	1.78	2.16	8.68	2.32	2323	
November	2.23	.81	.90	1.88	2.93	2.62	1.30	2.54	3.96	5.64	2481	
December	.64	.42	.35	4.07	2.08	1.44	2.87	2.14	1.05	.96	1602	
TOTALS	21.48	22.76	16.50	17.84	20.68	19.36	26.32	16.59	30.33	23.99	21585	KM

1931 Tree 9' high 15' SE Inspected 5/3/34 Five-inch taper measure required
 + Inspected 10/2/38 by Mr Bennell. Gauge sound & correct height.

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
1931						Barking	300yds	SE

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

Station No. 1250 ✓

RAINFALL at East Ham Well

41

County of Essex

Observer Met. Water Board

River Basin Thames-Roding & C-2

Type of Gauge

Annual Average 21.6 in. based on 35 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 883893-128

Diameter	5"			239	541							
Height	1'0"											
Altitude	17'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.79	2.12	4.18	1.19	1.46	1.25	1.54	2.82	.74	1.13		Totals. 17.22
February	1.68	.82	1.21	.76	1.13	2.16	1.28	1.29	.73	2.93		13.99
March	2.89	1.98	.40	.04	.97	1.09	5.26	.65	.93	.58		14.69
April	1.69	.75	1.23	1.16	.78	1.34	1.44	1.08	1.17	2.15		12.79
May	1.85	2.57	1.80	.87	2.08	3.28	.79	1.88	1.96	1.41		18.49
June	1.48	.20	1.36	1.76	1.52	1.96	2.39	4.07	.62	1.14		16.50
July	2.03	1.54	1.61	1.12	3.32	2.50	(1.70)	.87	2.41	3.11		20.21
August	4.19	2.18	1.10	2.78	1.41	3.70	(1.0)	3.91	1.40	1.30		22.07
September	.64	1.30	1.44	2.71	1.08	2.36	1.19	1.10	1.39	2.00		15.21
October	.72	3.67	2.12	2.60	1.55	.76	.09	1.61	5.54	.25		18.91
November	2.47	1.92	1.03	2.96	.23	2.69	.82	1.69	1.81	4.47		20.09
December	1.75	2.00	1.41	.85	2.44	1.85	2.05	1.86	1.29	1.31		16.81
TOTALS	24.18 D	21.05 D	18.89 D	18.80 D	17.97 D	24.94 D	18.65 D	22.83 D	19.89 D	21.78 D		208.98 208.98

1947 July and Aug. est.

00604

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

RAINFALL at East Ham Well

51

County of Essex

Observer Met. Water Board

River Basin Thames - Roding & C. 2

Type of Gauge ~~Sunshine~~ n.o. H&IAnnual Average 21.6 in. based on 35 years obs. w/ weighted. Period of average 1881-1915 Ref. S. D.
22.16 1916-1950File No. 88893/28 F3110/16
E 3263455

Diameter ...	5"			239	541						
Height ...	1' 0"		10"					1' 0"			
Altitude ...	17'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.04	1.45	.84	1.03	2.28	3.24	1.17	1.64	1.42	1.44	
February ...	5.63	.77	1.72	2.11	1.35	.24	2.68	1.87	.05	1.55	
March ...	2.70	2.38	.47	1.89	.95	.89	1.10	.92	.97	.97	
April ...	2.69	.79	2.17	.25	.28	1.08	.10	1.61	1.49	.37	
May ...	1.59	.85	.93	1.72	4.16	.64	.95	1.87	1.00	2.44	
June ...	.92	1.79	1.23	2.68	1.90	3.04	.83	4.71	.49	1.13	
July ...	1.36	.61	2.95	2.12	1.26	2.88	4.09	1.62	.82	2.14	
August ...	3.47	2.42	1.57	3.48	1.03	3.53	1.56	2.91	1.20	3.18	
September ...	2.64	2.33	1.99	1.71	2.29	1.70	1.80	4.40	.07	4.29	
October ...	.80	2.16	3.77	1.63	3.36	1.32	1.58	2.25	1.75	5.49	
November ...	3.86	3.80	.89	2.99	.36	.43	2.25	1.81	2.33	2.21	
December ...	1.73	1.90	.64	1.22	1.37	2.38	1.43	2.56	n.b.	2.06	
TOTALS ...	29.47	21.25	19.17	22.83	20.59	21.37	19.24	28.17	n.b.	28.26	
	D	D	D	D	D	D	D	D	n.b.	D	

line 24.11.53. 9.50m. 6' drop to working tank 30' east.
 Inspected Sept. 1952. M. & D. Desks. Gauge found means certified. Site under wires,
 otherwise satisfactory. Recommend from under wires
 Prop II 1958 J. B. O. K. Tower P.S. 55.30' NW. Tree 35' 65' W. Young trees planted around.
 Feb 1954. G. tested for leaks and found to be sound.
 Inspected 10.10.60 by J. B. O. K. satisfactory. Tree 30'-60' WSW still growing.
 1959 no inc.

Position of Station on Ordnance One-Inch map :

No. of Map 161

National Grid Reference 51/430041

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
	✓	✓	✓	✓	✓
	✓ lat -13	✓	✓	✓ lat -13	✓