

# RAINFALL AT Poplar Old Ford

Lat. ....

Lon. ....

County of London Norfolk Thames

Rain Gauge, by .....

Observer W. B. Bryan Esq. C.E.

Thames - 2.

Metropolitan Water Board

Diameter ..				8							
Height ....				0 9							
Altitude ..				19							
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..				2.08	1.93	1.05	0.72	.74	1.27	.66	
February ..				.74	2.17	.70	1.53	1.00	1.31	.43	
March ....				1.98	1.45	3.00	.80	.84	1.90	2.35	
April .....				1.89	.95	1.80	.84	3.05	2.13	1.54	
May .....				1.80	1.82	.74	1.14	1.65	1.46	1.26	
June .....				5.77	.79	3.40	2.56	2.13	1.87	3.57	
July .....				6.71	1.89	.74	.41	1.23	3.17	3.19	
August ....				4.13	1.48	2.15	1.24	1.64	2.66	1.37	
September..				2.23	1.03	1.59	1.48	1.00	1.17	2.11	
October....				5.52	1.49	.92	2.79	2.60	1.60	3.58	
November..				1.60	1.57	2.61	3.42	2.01	.67	.71	
December ..				1.06	1.69	.53	1.74	2.90	1.28	2.25	
TOTALS ..				35.51	18.26	19.23	21.67	20.79	20.49	23.02	

M M m m m m

RAINFALL at Poplar Old Ford (Pumping Sta.)County of LondonObserver Metropolitan Water Board  
with Lockhart & Co.River Basin Thames - Left Bank Tributary 2

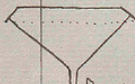
Iron, shallow rim Rain Gauge, by

Ram { 8.00  
8.03  
8.00  
8.05No 1  
glass  
marked XIII 13{ 15 - 15  
20 - 20  
25 - 25  
30 - 30  
35 - 35  
40 - 40  
45 - 45  
50 - 50  
55 - 55No 2  
glass{ .01 - .012  
.15 - .150  
.30 - .306  
.45 - .463  
.60 - .618

New glass recommended X 11.73

Diameter ...	8											
Height .....	0 9											
Altitude ...	19 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.31	1.18	3.48	2.40	.36	3.63	1.14	1.20	2.88	2.86	2.044	1916 -19 SUMS 8.08
February ...	2.14	1.23	1.44	.73	2.03	2.59	3.13	.82	1.08	2.37	1.756	740
March .....	.73	1.66	2.24	1.96	3.89	.81	3.95	1.66	.85	3.26	2.101	972
April .....	1.53	1.44	.03	2.18	.75	.99	1.18	1.77	3.22	3.21	1.630	938
May .....	1.82	1.06	.90	1.25	1.89	3.30	1.61	3.63	3.22	.45	1.913	891
June .....	1.80	2.29	2.76	.46	1.62	.72	1.98	2.43	1.66	1.59	1.731	746
July .....	2.18	.30	1.20	2.78	1.32	3.54	1.42	3.76	6.97	2.16	2.563	1431
August .....	2.29	.68	4.44	1.42	.84	2.75	4.62	3.81	1.88	1.96	2.469	1227
September ..	.60	1.44	1.99	1.17	.71	1.91	1.00	1.53	4.89	1.00	1.624	842
October ...	1.80	2.98	1.95	3.22	.99	1.75	2.57	2.97	1.20	.89	2.032	763
November ...	3.08	3.28	1.46	2.15	3.01	2.39	3.94	1.55	1.86	1.19	2.391	854
December ...	2.71	3.66	2.64	.70	5.84	4.98	2.36	1.12	2.31	3.16	2.948	895
TOTALS ...	21.99	21.20	24.53	20.42	23.25	29.36	28.90	26.25	32.02	24.10	25.202	111.27

1915 Engine Ho 50 ft high 25 ft 6 in S.W.



Inspected CS. 19 XII 13 Very good open situation and no shelter. Shallow funnel with very thin internal brass rim. Hand in raised enclosure. Glass very inaccurate per above.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.32.12	0.1.9.4	Old Ford			St Marks	1/2 m	W



RAINFALL at Poplar Old Ford Pumping StationCounty of LondonObserver Metropolitan Water Board  
J. M. WoodRiver Basin Thames 2804 from Shallow Lane Rain Gauge, by199 nearly new M.O. by Casella (21)

200

201

X. 25. 3. slight leak end of line.

glass correct CB (503 (24))

Totals

Diameter ...	3												
Height .....	0	9											
Altitude ...	19						18						
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930		
22.59 January ...	2.51	2.02	2.36	1.04	2.73	1.77	2.26	1.45	3.42	.70	2.33	2.05	
17.30 February ...	.62	.28	1.80	2.67	.72	2.33	3.03	2.98	1.52	.40	.96	1.57	
13.01 March .....	1.48	1.19	1.48	2.14	.53	.62	.37	2.30	1.38	.08	1.49	1.18	
22.54 April .....	3.03	1.29	2.64	1.42	2.85	1.86	3.80	1.96	1.25	1.01	1.43	2.05	
19.23 May .....	.58	1.20	.60	1.77	3.29	1.35	1.47	1.60	2.58	1.76	3.03	1.75	
16.67 June .....	1.41	.40	1.18	.45	2.37	.16	3.39	2.51	2.11	1.05	1.64	1.52	
27.64 July .....	3.42	.15	3.68	2.34	3.67	4.24	2.33	2.50	1.99	1.90	1.42	1.51	
26.42 August .....	1.88	1.14	2.18	2.06	2.43	2.84	2.23	4.29	2.04	1.66	3.67	2.40	
21.21 September...	3.16	2.14	1.92	1.10	2.51	1.98	1.09	4.37	.60	.18	2.26	1.93	
24.42 October .....	1.32	.66	1.21	5.10	3.39	2.68	2.36	1.16	2.90	2.61	1.03	2.22	
16.87 November...	.93	1.85	1.33	1.43	2.48	1.40	4.73	2.25	1.84	4.65	4.00	2.45	
25.15 December...	2.09	1.19	2.70	2.04	2.96	2.70	.67	2.88	2.44	3.62	1.83	2.29	
263.07 TOTALS...	22.43	13.51	23.08	23.56	29.93	23.83	27.73	30.25	24.10	19.57	25.08	23.92	

Engine House 50ft high 25 yds S.W.

Inspected CB. 2. VI. 21. Excellent site but 2 small golden pines must

be kept down (angle 30-35°)

Inspected 3/11/23

Satisfactory

27/8/27

See Green file

1930. B. read in Winter 10 a.m.

Summer 9...

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 32' 12"	0° 1' 9"	Old Ford			St. Marks	1/2 mi	W

POPULAR  
RAINFALL at Old Ford Pumping StationCounty of LondonObserver Met. Water BoardRiver Basin Thames left bank. Tries 2

Type of Gauge

Annual Average 22.9 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. S

883893/28

Diameter	8											
Height	0.9											
Altitude	19											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Sums	Months
January	1.26	1.67	1.03	1.24	1.11	3.33	2.92	2.37	4.34	1.99	21.26	
February	1.94	.22	1.33	.17	1.86	1.29	4.11	.58	0.88	1.21	13.59	
March	.27	1.42	2.14	2.01	.33	1.10	2.90	.32	1.19	3.61	15.29	
April	3.26	2.41	.75	2.03	2.54	1.23	2.60	.09	2.28	1.44	18.63	
May	2.61	3.49	1.96	.49	1.28	.39	3.31	1.31	1.46	1.64	17.94	
June	1.22	.50	1.97	1.85	2.95	2.82	1.75	.44	1.36	.47	15.33	
July	2.28	2.17	1.33	.97	.76	2.49	1.26	1.81	1.95	2.82	17.94	
August	4.11	3.58	.54	1.80	1.81	.38	1.46	1.40	3.95	.05	19.08	
September	1.62	2.09	2.59	1.21	2.41	2.34	1.49	3.50	1.44	1.04	19.73	
October	.70	5.44	1.61	1.02	2.58	1.61	2.12	2.45	5.48	2.23	25.25	
November	1.97	1.17	.89	1.70	3.43	3.32	1.34	2.90	4.37	6.09	27.18	
December	.73	.47	.35	4.44	2.09	1.87	3.55	2.81	0.95	.95	18.21	
TOTALS	21.97	24.63	16.49	18.93	23.15	22.17	28.42	19.98	29.65	23.51	229.43	
	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	D.	

5/3/34. new gauge and measure recommended. (5" gauge)

† Inspected 10/2/38. Gauge sound and correct.

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. 55

RAINFALL at POPLAR Old Ford Pumping Station

County of London Observer Met. Water Board

River Basin Thames Left Bank Mills 2

Type of Gauge

Annual Average 22.9 in. based on 11 years obs. un-weighted. Period of average 1881-1915 Ref. 5

File No.

Diameter	8			24 5	410 501			5"			
Height	0 9				1			6"			
Altitude	19'				41			18'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	50ms Means
January	2.61	2.15	4.26	1.41	1.92	1.35	1.54	2.73	.67	1.00	19.64
February	1.86	.77	1.21	.63	1.32	2.54	1.29	1.35	.77	3.06	14.80
March	2.99	1.77	.29	.06	.78	1.10	5.18	.50	.75	.67	14.09
April	1.73	.69	1.10	1.18	.85	1.35	1.68	1.41	1.48	2.49	13.96
May	1.79	2.44	1.52	1.01	2.40	2.92	.99	2.10	1.85	1.35	18.37
June	1.94	.29	2.02	1.89	1.71	2.90	2.83	2.25	.75	1.21	17.77
July	2.76	1.35	1.74	1.21	2.60	2.35	1.87	1.07	1.33	2.90	19.18
August	4.64	1.57	1.35	2.48	1.37	3.75	.13	3.33	1.59	1.58	21.79
September	.68	1.22	1.78	2.92	1.24	2.84	1.28	1.18	.62	2.29	16.05
October	.58	3.95	2.32	2.88	1.87	.95	.06	2.18	5.62	.37	20.78
November	2.44	2.06	1.17	2.97	.25	3.10	.83	1.81	2.01	4.70	21.34
December	1.82	2.07	1.39	.91	2.59	1.80	1.97	2.09	1.35	1.49	17.48
TOTALS	25.84	20.33	20.15	19.55	18.90	26.95	19.65	22.00	18.79	23.11	215.27

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. 55

T.F. 86  
51RAINFALL at Doohar Old Ford (Pumping Station)County of London Observer Mr. Walter BoardRiver Basin Lower Left Bank Trib 2Type of Gauge M.O.Annual Average 22.9 in. based on 11 years obs. un-weighted. Period of average 1881-1913 Ref. S  
23.40 " " 35 " 1916-1950 1916-1950 E 24/116 E 22/24/55File No. E 24/116 E 22/24/55

Diameter in.	5			245	410						
Height ft. in.	6		13"		1			1'4"			
Altitude ft.	18				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.36	1.75	.85	1.18	2.12	3.41	1.34	2.03			
February ...	5.29	.84	1.44	2.11	1.44	.30	3.00	2.46			
March ...	3.00	2.38	.45	1.90	1.05	.94	1.28	1.18			
April ...	2.71	.91	2.37	.21	.28	1.22	.23	1.70			
May ...	1.65	.85	1.17	1.78	4.21	.55	1.11	2.39			
June ...	1.03	2.07	1.72	2.87	2.23	2.27	1.14	5.08			
July ...	1.63	.60	3.47	2.91	.56	3.87	3.48	2.35			
August ...	3.70	2.94	1.97	3.02	1.10	4.21	2.07	3.85			
September ...	3.47	2.68	1.95	1.88	2.20	2.21	2.21	3.72			
October ...	.89	2.20	3.42	2.14	2.88	1.67	2.09	2.23			
November ...	4.54	3.92	.83	3.42	.37	.32	2.15	(1.80)			
December ...	1.64	1.99	.47	1.39	1.60	2.84	1.42	(2.90)			
TOTALS ...	31.91	23.13	20.11	24.81	20.04	23.81	21.52	(21.69)			
	D	D	D	D	D	D	D	D			

In 24.11.58. Outlet can in two pieces. New g recommended.

Inspected 4 Sept 1958 M. Deeks. Gauge leaked. measure cert. fied. Site satisfactory.

Recommend repairs  
p.s. roof 60', 100's-55E. Trees 50', 100' NW. otherwise satisfactory site. Poor observation  
time & ineffective  
9.1.59 Terminated - no staff available.

Nov. Dec 1958 in M.O. 30.

Position of Station on Ordnance One-Inch map : No. of Map 161 National Grid Reference 51/374839

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, F - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
c Jan 1403.	✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓