

RAINFALL AT Poplar Old Ford

Lat. ....

Lon. ....

County of London North of the Thames

Rain Gauge, by .....

Observer W.B. Bryan Esq. C.I.

Thames - 2.

Wm. Blagden Esq. C.I.  
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	3.72	.74	1.27	.66	
February ..				.74	2.17	.70	1.53	1.00	1.31	.48	
March ..				1.98	1.45	3.00	.80	.84	1.90	2.85	
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	

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## RAINFALL at Poplar Old Ford (Pumping Wh.)

County of London

Observer Metropolitan Water Board

W.B.C. &amp; Co. Ltd. 1913

River Basin Thames - Left Bank Tributary 2

Iron, shallow rim Rain Gauge, by

Diam { 8.00  
8.03  
8.00  
8.05  
in use to XII 13

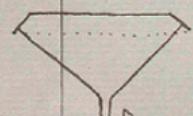
No 1 glass { 15 - 15  
25 - 25  
30 - 30  
35 - 35  
40 - 40  
50 - 50

No 2 glass { 0.1  
15 - 15  
30 - 30  
45 - 45  
50 - 50

New glass recommended X 11.13

Diameter ...	8										MEANS.
Height .....	0.9										
Altitude ...	19 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
January ...	1.31	1.18	3.48	2.40	.36	3.63	1.14	1.20	2.88	2.86	2.044
February ...	2.14	1.23	1.44	.73	2.03	2.59	3.13	.82	1.08	2.37	1.756
March .....	.73	1.66	2.24	1.96	3.89	.81	3.95	1.66	.85	3.26	2.101
April .....	1.53	1.44	.03	2.18	.75	.99	1.18	1.77	3.22	3.21	1.630
May .....	1.82	1.06	.90	1.25	1.89	3.30	1.61	3.63	3.22	.45	1.913
June .....	1.80	2.29	2.76	.46	1.62	.72	1.93	2.43	1.66	1.59	1.731
July .....	2.18	.30	1.20	2.78	1.32	3.54	1.42	3.76	6.97	2.16	2.563
August .....	2.29	.68	4.44	1.42	.84	2.76	4.62	3.81	1.88	1.96	2.469
September ..	.60	1.44	1.99	1.17	.71	1.91	1.00	1.53	4.89	1.00	1.624
October ...	1.80	2.98	1.95	3.22	.99	1.75	2.57	2.97	1.20	.89	2.032
November ...	3.08	3.28	1.46	2.15	3.01	2.39	3.94	1.55	1.86	1.19	2.391
December ...	2.71	3.66	2.64	.70	5.84	4.98	2.36	1.12	2.31	3.16	2.948
TOTALS ...	21.99	21.20	24.53	20.42	23.25	29.36	28.90	26.25	32.02	24.10	25.202

1915 Engine ho 50 ft high 25 yds S.W.



111.27

Inspected C.S. 19 XII 13 Very good open situation and no shelter. Shallow funnel with very thin internal brass rim. Standard raised enclosure. Glass very inaccurate - see above

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
	51.22.12	0.1.94	Old Ford			St Marks	1/2 m	W

## RAINFALL at Poplar Old Ford Pumping Station

County of London

Observer Metropolitan Water Board  
J. M. Wood

River Basin Thames 2

804 Iron, shallow rim Rain Gauge, by  
1-49 nearly new M.O. by Casella (21)  
3-00 X 25. 2. slight scale not quite true.  
8-01 glass correct CS 1503 (24)

Diameter ...	8											
Height .....	0	9										
Altitude .....	19						18					
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Means
22.59	January ...	2.61	2.02	2.36	1.04	2.73	1.77	2.26	1.45	3.42	.70	2.33
17.30	February ...	.62	.28	1.80	2.67	.72	2.33	3.03	2.98	1.52	.40	.95
13.01	March .....	1.48	1.19	1.48	2.14	.53	.62	.37	2.30	1.38	.08	1.49
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
19.23	May .....	.58	1.20	.60	1.77	3.29	1.35	1.47	1.60	2.58	.76	3.03
16.67	June .....	1.41	.40	1.18	.45	2.37	.16	3.39	2.51	2.11	1.05	1.64
27.64	July .....	3.42	.15	3.68	2.34	3.67	4.24	2.33	2.50	1.99	1.90	1.42
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
21.21	September...	3.16	2.14	1.92	1.10	2.51	1.98	1.09	4.37	.60	.18	2.26
24.42	October....	1.32	.66	1.21	5.10	3.39	2.68	2.36	1.16	2.90	2.61	1.03
26.89	November...	.93	1.85	1.33	1.43	2.48	1.40	4.73	2.25	1.84	4.65	4.00
25.15	December...	2.09	1.19	2.70	2.04	2.96	2.70	.67	2.88	2.44	3.62	1.83
265.07	TOTALS...	22.43	13.5	23.08	23.56	29.93	23.83	27.73	30.25	24.10	19.57	25.08
		2	0	2	1	2	2	2	2	2	2	2

Engine House soft high 25 yds S.W.

Inspected 23. 2. vi. 21. Excellent site but 2 small golden pivots must

be kept down (angle 30-35°).

Inspected 3/6 6.11.23. Sacrificial. R.25. Good response.

" 27/2/27 See Green file.

1930. G. 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"		Gld Ford			St. Marks	1/2 mi	W

POPLAR

## RAINFALL at Old Ford Pumping Station

County of London

Observer Met. Water Board

River Basin Thames Left Bank Tribes 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											SUMS MAY-NOT
Height	0.9											
Altitude	19											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	1.26	1.67	1.03	1.24	1.11	3.33	2.92	2.27	4.34	1.99	21.26	
February	1.94	2.22	1.33	1.17	1.86	1.29	4.11	1.58	0.88	1.21	13.59	
March	2.27	1.42	2.14	2.01	1.33	1.10	2.90	1.32	1.19	3.61	15.29	
April	3.26	2.41	1.75	2.03	2.54	1.23	2.60	0.9	2.28	1.44	18.63	
May	2.61	3.49	1.96	1.49	1.28	1.39	3.31	1.31	1.46	1.64	17.94	
June	1.22	5.50	1.97	1.85	2.95	2.82	1.75	1.44	1.36	1.47	15.33	
July	2.28	2.17	1.33	1.97	1.76	2.49	1.36	1.81	1.95	2.82	17.94	
August	4.11	3.58	1.54	1.80	1.81	1.38	1.46	1.40	3.95	1.05	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	1.70	5.44	1.61	1.02	2.58	1.61	2.18	2.45	5.48	2.23	25.25	
November	1.97	1.17	1.89	1.70	3.43	3.32	1.34	2.90	4.37	6.09	27.18	
December	1.73	4.7	1.35	4.44	2.09	1.87	3.55	2.81	0.95	1.95	18.21	
TOTALS	21.94	24.63	16.49	18.93	23.15	22.17	28.92	19.93	29.65	23.54	229.43	M.J.
	D	D	D	D	D	D	D	D	D	D		

5/34. New gauge and measure recommended. (5th gauge)

† Inspected Nov 1938 by Mr Bennett Gauge sound and correct.

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

Station No. 55

## RAINFALL at POPLAR Old Ford Pumping Station

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County of London.....

Observer Met. Water Board.....

River Basin Thames, left Bank, Mile 2.

Type of Gauge.....

Annual Average 22.9 in. based on 11 years obs. un-weighted. Period of average 1921-1935 Ref. 8

File No. ....

Diameter	8			24.5	44.0 50.7			5"			
Height	0.9				1			6"			
Altitude	19'				41			18'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	50+15 Means
January	2.61	2.16	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	1.70	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	21.5.27

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Position of Station on reduced Ordnance Survey Map, No. of Map.....  
1 mile to 1 inch Series

Reference No. ....

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

Station No. 55

T.F. 51

## RAINFALL at Deodar Old Ford (Pumping Station)

County of London

Observer Met. Water Board

River Basin Thames Left Bank Trib. 2

Type 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 P

File No. E 3467/16 E 22624/58

Diameter in.	5		245	410 507							
Height ft. in.	6	13"		1			14"				
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	(inc) 31.69			
	D	D	D	D	D	d	D	d			

In 24.11.58. Outer cap in two pieces. New g. recommended.

Inspected Sept 1956 Mr. Deedes. Gauge leaked. Measure certified. Site satisfactory.

Reconvene reval's  
July XI 1958. D.O.K. P.S. roof. 60°, 100° S-55E. Trees 50', 100' NW. otherwise satisfactory site. Possessions in  
time of inspection

9.1.59 Terminated - no staff available.

Nov-Dec ext in H.O. 30.

Position of Station on Ordnance One-Inch map : No. of Map 161 National Grid Reference 71/374839

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	c Jan 1903.	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓