

RAINFALL AT Isle of Dogs

Lat. _____ Len. _____ County of Middlesex _____

Rain Gauge, by _____

Observer A. R. Birnie Esq C.E.

2 - Thames - Left Bank.

Diameter	8									
Height	1.0									
Altitude	15 ft									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
										MEANS.
January	1.38	.34	1.35	2.91	1.60	.57	1.53	.70	2.33	
February00	1.63	2.50	1.67	.18	.24	2.37	1.04	1.79	
March	1.50	1.05	.38	.74	1.36	3.02	2.87	1.42	.49	
April69	1.40	.14	1.02	1.17	.45	1.43	.92	2.51	
May	2.63	1.68	.42	1.71	.45	.21	1.47	2.13	1.28	
June	1.01	2.68	.70	2.14	.18	2.00	1.44	1.12	1.20	
July	4.78	1.38	3.10	3.15	3.63	.95	.61	.56	1.43	
August	3.85	2.91	1.64	2.89	2.55	1.63	2.52	.67	.60	
September91	2.23	1.05	1.10	.85	5.02	2.88	.26	2.14	
October	1.01	3.68	3.77	3.74	3.15	2.69	.62	3.00	2.01	
November	1.96	2.08	2.20	2.94	2.60	1.16	1.03	2.04	3.59	
December	2.82	1.08	2.13	1.98	2.20	2.96	2.28	2.22	1.18	
TOTALS	25.56	22.14	19.38	25.99	19.92	20.90	21.05	16.07	20.55	

1891 Poplar Church 3/4 mile NE
 Shaft 100 ft high 25 ft W

RAINFALL AT Poplar Island London
Lat. _____ Lon. _____ County of London N of Home
Rain Gauge, by Negretti & Zambra Observer Col J G L Seelye
Gidea Park

Diameter ...										5
Height										4.6
Altitude ...										
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909 MEANS.
January ...									1.35	.32
February ...									1.05	.29
March									1.40	2.56
April									1.80	1.46
May									1.60	1.32
June									2.40	3.54
July									4.30	3.27
August									2.58	1.55
September ..									70?	2.02
October ..									1.46	2.58?
November ..									30?	26?
December ...									(1.01)	1.73
TOTALS ...									19.93	20.90

1908 Bailey Valleys worthless. Total not printed.
Chalfinch 300 yards N
N Penwick Station 300 . NW
Met Instrument Box 12 ft high 6 m E
House 50 ft high 30 ft NE
1909 Not published! said to be faulty in Oct + Nov

No. Rejected from Survey as 1st Loss.

RAINFALL AT Isle of Dogs
 Lat. Lon.
 County of Middlesex
 London North of the Thames. 1903

Thames - 2.

Rain Gauge, by

Observer, Sir A. R. Buxton C.E.
 Maurice FitzGrenan Esq C.E.

Diameter ..	8										
Height	10										
Altitude ..	15 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.18	.65	.59	2.16	2.00	.92	3.52	.83	1.43	.74	1.502
February ..	3.64	.92	.83	.86	1.98	.69	1.51	.98	1.37	.70	1.348
March ..	.85	1.64	1.21	1.93	1.26	3.18	1.00	.84	1.94	2.89	1.674
April ..	.96	1.60	.46	1.70	.87	1.55	.67	2.92	2.15	1.52	1.440
May ..	1.01	1.67	2.97	1.46	1.86	.75	1.29	1.75	1.61	1.21	1.558
June ..	2.03	1.52	3.60	5.84	.69	4.05	2.53	1.72	2.12	3.48	2.758
July ..	1.65	2.40	.90	5.47	1.87	.55	.31	1.13	3.49	3.11	2.088
August ..	3.13	1.91	2.78	4.28	1.29	2.36	1.45	1.63	2.93	1.63	2.339
September ..	.78	1.42	1.06	2.22	.94	2.08	1.95	.88	1.07	2.15	1.455
October ..	1.51	2.40	1.04	4.77	1.66	.86	3.04	3.01	1.90	3.94	2.413
November ..	1.57	.68	1.25	1.68	1.52	2.72	3.80	2.20	.78	.88	1.708
December ..	2.17	2.72	1.42	1.09	1.91	.58	2.02	2.75	1.51	2.34	1.851
TOTALS ..	21.48	19.53	18.11	33.46	17.85	20.29	23.09	20.64	22.30	24.59	22.131

- 1900 Poplar Church 1 mile E N.E.
 Wall 10 ft high 45 ft S.E.
 1901 Shaft 100 ft high 25 ft W
 1902 " 200 ft 300 ft " 100 ft 25 ft S.E. W
 1903 South Dock Station 5/16 mile N.E
 1905 Poplar Station 5/8 mile N

RAINFALL at Poplar Island Gardens

County of London

Observer London County Council at 10am

River Basin Thames. Left Bank Tributary 2

Glass tube funnel on 76 ft² Rain Gauge, by N 1/3

Diameter ...	5												
Height	4.6												
Altitude												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919		MEANS.	
January ...	1.44	.94	2.78	2.35	.43	3.16	.54	.75	2.26	2.47			
February ...	2.69	1.08	1.29	.79	2.42		2.80	2.9?	1.00	2.35			
March	1.07	1.76	2.15	2.39	4.10		3.92	1.18	.96	3.14			
April	2.55	(1.56)	.05	2.41	1.16		1.07	1.53	2.98	2.82			
May	2.34	1.86	.91	1.58	1.78	3.82	2.37	3.10	2.36	.69			
June.....	1.66	2.28	2.49	.60	1.48	.80	2.29	1.97	1.07	1.58			
July	3.52	.22	1.18	2.32	1.34	3.84	1.64	3.27	7.86	2.77			
August	2.18	.90	4.22	2.00	1.12	3.53	5.16	3.92	1.00	2.13			
September ..	.74	1.26	2.06	1.74	.71	2.18	1.01	1.87	4.68	1.23			
October ...	1.52	3.17	1.71	4.02	1.01	1.78	2.95	2.88	1.16	.83			
November ..	2.38	3.01	1.12	2.58	2.72	1.53	4.30	1.03	1.58	1.03			
December ...	3.20	3.38	2.34	.87	5.52	5.60	2.07	.87	1.59	3.01			
TOTALS ...	25.29	21.42	22.30	23.86	23.79		20.12	22.66	28.50	24.05			

Met. Incl. Box 8 ft high 2 ft N.E.

1913 Lodge 50 ft high 20 yards N.W.

1915 Tidy - April Gauge out of repair

Trees 30 ft. 1263 yards N.W.

Mrs. Rejected from Survey as 1" does.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
9/10 1919	51°	0	N Greenwich	200 100 yds	W N.W.	Chapel	100 100 yds	N.E.

10

RAINFALL at Poplar Isle of Dogs, Stewart Quad

County of London

Observer Sir M Fitzmaurice c m b
London County Council

River Basin Thames - Left Bank tributary 2

Bandon County Council

Rain Gauge, by

Diameter ...	5										
Height	10										
Altitude ...	15 ^{ft}										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.56	1.10	3.26	2.56	.45	3.57	1.21	1.10	2.99	2.71	2.051
February ...	2.51	1.22	1.65	.77	2.33	2.88	3.91	.82	1.01	2.85	1.945
March92	1.71	2.55	2.36	4.04	.90	4.29	1.68	.83	3.07	2.235
April	2.52	1.70	.05	2.22	1.12	1.03	1.19	1.68	3.18	3.08	1.777
May	2.06	1.66	1.05	1.30	1.90	3.24	1.85	3.14	1.89	.42	1.841
June	1.84	2.23	3.15	.46	1.36	.67	1.89	2.06	1.09	1.84	1.629
July	2.76	.20	1.10	2.26	1.20	3.25	1.58	4.19	7.08	2.20	2.582
August	2.40	.94	4.14	1.68	1.03	3.08	4.92	3.51	1.40	2.11	2.521
September ..	.73	1.49	2.15	1.34	.76	1.97	.99	1.68	4.46	1.11	1.662
October ...	1.92	3.24	(1.88)	3.54	.99	1.73	2.57	2.76	1.36	.94	2.093
November ...	3.15	3.36	1.43	2.27	2.67	2.31	4.10	1.59	1.97	1.23	2.408
December ...	2.76	3.78	2.62	.81	5.77	4.85	2.63	1.24	2.10	3.16	2.971
TOTALS ...	25.13	22.53	25.03	21.57	23.56	29.48	31.13	25.45	29.36	23.91	25.715

1910 Shagl 100 ft high 25 ft W
1916 Wall 7. . 24.6 E

(109.85)

Date.	Lat. N.	Long. ^W	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51° 29'.55	0° 0'.24	Poplar	5½ miles from town	N	Poplar Methodist	3½ miles " "	N E N

RAINFALL at Poplar Island Gardens

County of London

Observer: London County Council
M.G. Parish

River Basin Thames 2

1927 to 1929 inclusive

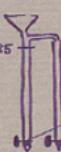
Hang on Post Rain Gauge, by N. & J.

Diameter ...	5"										
Height	4. 6	4. 2				10					
Altitude ...	19	22	18			18					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	(1.40)	imp	1.63	2.07	.82	2.11	1.63				
February ...	(1.70)	N.O.	.07	1.66	2.05	.38	2.14				
March	(1.24)	1.14	.80	1.81	.69	.68					
April.....	2.13	1.14	2.19	1.11	2.01	1.71					
May	imp	1.21	.81	1.17	1.80	1.13					
June	1.73	.39	1.00	.12	1.41	.09					
July	3.14	.15	2.56	2.05	2.73	3.89					
August	1.49	.56	1.83	1.27	1.53	2.25					
September...	3.23	1.33	1.20	.64	1.26	1.79					
October.....	1.04	.42	.88	2.88	2.62	2.26					
November...	.67	1.81	1.01	1.13	2.16	1.63					
December...	1.84	1.06	2.23	1.50	2.12	2.55					
TOTALS...	d	10.91	18.24	16.55	20.82	21.45					

1920 Gauge 40 ft high 35 yds N.W. 1923. Not printed, gauge moved 11.V.23.

Gauge under repair Jan to May

1924. Not printed, location

*N.B. Replied
from Surveyor
as 1st low.*

Inspired of 2.14 X 1.23 to. under trees. The tank takes 1000 l.

Graduations incorrect .13 gives .11 in 1000
.25 " .21 "
.50 " .46 "
.70 " .64 "Only holds 1.6 in. to. in front undulation.
Suggested new gauge and close good position.

Nuts and fasteners, etc. cleaned as above 1.9.24. Excellent response.

Position of Station on reduced Ordnance Survey } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series }

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	52	0	Gubbit Town	2307ds 1924. 1757ds	S.W.	Christchurch	2757ds 2607ds	N

Isle of Dogs,

54
20

RAINFALL at Poplar Island Gardens

County of London

Observer London County Council

River Basin Thames 2

F.W.G. Smith

M.O. Rain Gauge, by

New Gauge

Diameter ...					5"						
Height					10						
Altitude ...					18						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...						1.53	1.93	1.49	2.61	.76	2.11
February ...						2.74	2.69	3.10	1.14	.33	0.86
March68	.11	2.01	1.35	.08	1.51
April.....						1.71	3.76	1.70	1.33	1.14	1.15
May						1.13	1.91	1.27	2.82	"38	2.88
June09	2.98	2.41	2.17	.89	3.11
July						3.89	1.79	2.03	2.13	1.79	1.314
August						2.25	1.58	3.43	2.34	1.94	2.814
September...						X 2.66	1.79	2.36	4.16	.72	3.18
October.....						3.21	2.26	2.84	1.11	2.94	2.40
November...						2.88	1.33	4.27	2.17	1.60	4.29
December...						2.61	2.55	4.9	3.22	2.38	5.34
TOTALS...						..	21.95	26.71	28.10	23.62	18.54
						D	D	D	D	D	D

1926 Tree 60 ft. high 54 ft. S. and 60 ft. high 84 yds. W.

Tree 6 " 75 " E.
Lodge 40 " 75 " N.

1930 Obs. taken at 10 a.m. in Summer.

" " 9 " " Winter.

Position of Station on reduced Ordnance Survey Map, 2 miles to 1 inch Series				No. of Map	Reference No.		
Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1924			North Greenwich	300 yds	SW.	Christchurch	500 yds. NE.

RAINFALL at Poplar Isle of Dogs, Stewart Rd.

County of London

Observer Sir M. G. G. C. M. G.
London County Council

River Basin Thames 2

Rain Gauge, by

Diameter ...	8										
Height	10				17.6						
Altitude ...	15			31	32						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.33	1.59	2.15	.98	2.44	1.12	1.61	1.02	2.38		
February67	.13	1.88	2.35	2.44	1.87	2.46	3.01	1.16		
March	1.60	1.30	1.35	2.02	.70	.50	.09	1.96	1.29		
April.....	2.69	1.14	2.55	1.11	2.58	1.36	2.89	1.63	1.06	Record no good	
May64	1.27	.65	1.65	2.24	.99	1.51	1.31	2.32	Obs. told up. and	
June	1.73	.49	1.35	.34	2.17	.06	2.69	2.24	2.03	not required in	
July	3.17	.05	3.10	2.18	3.15	3.89	1.74	1.93	1.90	future	
August	1.77	.85	2.03	1.68	1.57	2.18	2.55	3.76	2.36	Second 431 File 660677	
September..	3.32	1.68	1.64	.85	2.72	1.63	.82	3.77	.62		
October.....	1.10	.69	1.17	3.89	2.80	2.20	1.93	1.16	2.78		
November...	.80	1.77	1.84	1.21	2.43	1.21	3.58	1.73	1.61		
December...	1.93	1.06	2.73	1.63	1.91	1.92	.25	2.65	2.25		
TOTALS...	21.75	12.02	21.94	19.79	25.15	18.93	22.12	26.17	21.46		
	2	2	2	2	2	2	2	2	2		

Shaft 100 ft High 26° 41' W.

Wall 7" 24.6 E

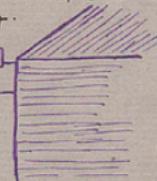
1923. not printed, on roof.

1924. " low.

1925. " Roof Gage

1926. " low.

1927. " low.



Inspected 9/14. XI-23 S. has been moved temporary at side of roof (with Hygrograph) open to S+E. move 5-1-23 but temporarily good.

Inspected 9/4. 4.27. S. has been moved at the beginning of journey to a position roughly as detailed over. Sample Pumping stn. will be regarded as ideal it was certainly better than former.

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° 29' 58" N 0° 0' 24" W			Poplar	5/8 mi	N	Poplar	3/4 mi	NE

POPLAR
RAINFALL at Isle of Dogs (Island Gardens)

County of London..... Observer London County Council

River Basin Thames Left Bank trib 2

Type of Gauge M.O.

Annual Average 21.9 in. based on 8 years obs. un-weighted. Period of average 1881-1916 Ref. 3.

668428/26

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	10											
Altitude	18											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January		.96	1.44	.86	1.18	1.01	3.27	3.36	2.30	4.07	1.71	2016
February		1.49	0.18	1.27	0.14	1.87	1.37	3.93	.65	1.02	1.26	1318
March		2.24	1.25	2.01	1.61	.69	1.00	2.98	.29	1.14	3.52	1473
April		3.40	2.14	.64	1.97	2.82	1.44	2.31	.10	2.37	1.73	1892
May		2.63	3.95	1.75	0.29	1.51	.21	3.70	1.30	1.45	1.05	1784
June		1.07	0.51	1.81	2.66	2.52	3.29	1.80	.33	1.20	.99	1618
July		2.03	2.76	1.27	0.78	.51	2.59	.91	1.47	2.32	3.15	1779
August		4.78	2.09	.35	1.71	2.09	.58	1.51	1.81	3.70	.13	1875
September		1.43	1.89	2.85	1.08	2.09	3.11	1.36	3.04	1.19	1.19	1973
October		6.7	5.26	1.19	1.00	2.35	1.63	2.23	1.63	5.89	2.01	2386
November		2.19	0.87	.87	1.92	3.42	3.00	1.47	2.90	3.52	6.40	2656
December		6.4	0.43	.31	4.37	2.18	1.64	3.92	2.09	1.04	1.05	1767
TOTALS		21.53	22.77	15.18	18.71	23.56	23.13	29.48	17.91	28.91	24.19	22537 K.H.
		D.										

1931. Plane tree 60' high 54° S. Oak paling fence 6' high 45° E. Lodge 40' high 45° N.
Plane tree 60' high 90° W.

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.			Greenwich	1/2 m	S.S.W.	Christ Church Isle of Dogs.	500 yds	N.E.

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

Station No. 544 M.T.

RAINFALL at POPLAR, Isle of Dogs (Island Gardens) (2A)

41

County of London.....

Observer Scandens, County Surveyor.....

River Basin Thames, Left Bank, Miles 2

Type of Gauge M.O.

Annual Average 2.19 in. based on 2 years obs. un-weighted. Period of average 1.3.9.1.-19.1.5 Ref. 5

File No. 668428/126

Diameter	5		246	027						
Height	1	-			1					
Altitude	18				41					
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950 Means
January	2.48	1.91	4.27	1.15	1.61	1.69	1.35	2.56	.77	.94 18.73
February	1.63	.63	1.28	.74	1.02	2.51	1.35	1.11	.91	3.01 14.19
March	2.74	2.14	.26	.05	.90	1.17	4.56	.55	.83	.67 13.87
April	1.62	.76	.79	1.22	.77	1.65	1.19	.96	1.54	2.44 12.93
May	1.62	2.52	1.81	.75	1.62	3.50	1.08	1.48	1.65	1.38 17.41
June	1.97	.31	1.20	1.57	1.12	1.97	2.74	1.99	.53	1.48 14.88
July	2.82	2.19	2.04	1.29	2.29	2.21	.97	.83	1.33	2.93 18.90
August	4.38	1.64	1.24	2.19	1.13	4.67	.07	3.61	1.29	.94 21.16
September	.66	1.18	1.74	2.39	.98	2.14	1.24	.77	.67	2.09 13.86
October	.58	3.86	2.04	2.43	1.27	.79	.17	1.98	5.05	.32 18.49
November	2.28	2.04	1.11	2.85	.13	2.62	1.03	1.67	1.99	4.75 20.47
December	1.65	2.07	1.44	.80	1.86	1.77	2.07	1.99	1.40	1.37 16.42
TOTALS	24.43	21.24	19.22	17.43	14.70	26.69	17.82	19.50	17.96	22.32 201.31

1945 n.p.s.

1945. Inspection. Terminal bascules broken, delivery tube detached. Gauge beyond repair (Damage probably due to damage between 1940-1945). Some shelter from nearby plant & trees, no better site available. (New g. installed as required)

1946. N.P. Low.

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

Reference No.....

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

Station No. 5A MT

RAINFALL at POPLAR Isle of Dogs (Bland Garden)

51

County of London

Observer London County Council.

River Basin Thames Left Bank Trib. 3.

Type of Gauge M.O.

Annual Average 31.9 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 668428/26

Diameter ...	5'		246	027								
Height ...	1' 0"				1							
Altitude ...	18'				51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	2.13	1.61	.82	1.11	2.20	2.98	1.27	1.55	1.79	1.44	16.90	
February	5.49	1.85	1.37	2.03	1.15	.19	2.32	2.36	.04	1.62	17.42	
March	2.58	2.13	.44	1.73	.92	.95	.63	1.19	1.20	1.69	13.46	
April	2.55	1.89	2.16	.32	.39	.93	.13	1.32	1.74	0.46	10.89	
May	1.77	1.90	1.43	1.69	3.40	.44	.77	2.02	.75	1.87	15.54	
June	1.07	1.42	1.00	2.55	1.84	2.29	.57	4.33	.73	1.01	16.81	
July	1.29	.55	3.72	2.28	.05	3.24	3.94	2.13	1.11	2.48	20.79	
August	2.74	3.13	1.30	4.86	.84	3.22	1.98	4.30	3.02	3.84	29.23	
September	2.91	2.38	1.90	2.09	2.36	1.85	2.16	4.11	.14	5.25	25.15	
October	.71	2.19	3.51	1.45	2.97	.85	1.59	2.32	1.72	5.11	22.48	
November	4.01	3.54	.78	3.22	.22	.46	2.18	1.68	2.32	3.29	21.79	
December	1.70	1.94	.53	1.08	1.49	2.45	1.50	2.62	2.74	2.02	18.07	
TOTALS ...	29.07	21.56	18.96	24.41	18.33	19.85	19.04	29.93	17.30	30.08	228.53	

1951 Plane tree 60' 84" S; Oak Paling Fence 6' 75" E; Lodge 82' 75" N;
Plane tree 60' 84" W;

Position of Station on Ordnance One-Inch map :			No. of Map.....	National Grid Reference TQ(5) 386783			
Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge.
1951			Greenwich	E	S 13	Charing Cross	500yd NE

Summary of Earlier Records from 10-year Sheets :

1910-19 1920-30 1931-40 1941-50 1951-60

Record D. or d	C Jan. 1908.	1910-19	1920-30	1931-40	1941-50	1951-60
		✓ NP imp 15	✓ NP imp 20 25.14	✓	✓ NP 160 + 45	