

RAINFALL AT London New River Office

Finbury, where

Lat.

Lon.

County of Middlesex

Rain Gauge, by

Observer

J. Pearle Esq

LONDON 2/ Thames Left Bank

Diameter												
Height	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January												
February												
March												
April												
May												
June												
July												
August												
September												
October												
November												
December												
TOTALS					19.91	N.C. Received						

Clerkenwell

RAINFALL AT London New River Head E.C.

Lat. $51^{\circ} 32' N$ Lon. $0^{\circ} 6' W$

County of Middlesex

North of the Thames - 1903

Thames - 2. Snowdon Rain Gauge, by Casella
accurate, No. 7497
checked by Casella - all right but not tested.

Observer J. Francis Esq C.E.
E. Collins
Metropolitan Water Board

Diameter ..	5										
Height ..	3	8									
Altitude ..	100										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	2.41	.44	.59	1.79	1.93	1.14	3.30	.78	1.64	.53	1.455
February ..	2.83	.73	.95	.60	2.20	.67	1.44	.92	1.40	.22	1.196
March ..	.75	1.64	1.35	2.01	1.43	2.71	.73	.74	1.85	2.22	1.543
April76	1.73	.40	2.03	1.05	1.42	.57	2.82	1.88	1.80	1.446
May94	.80	2.03	2.33	1.81	.80	1.02	1.56	1.93	1.40	1.462
June	1.77	1.21	2.88	5.81	.72	4.34	3.18	1.65	1.04	3.72	2.632
July	1.20	3.23	.97	4.35	1.97	.92	.47	1.35	3.25	3.00	2.071
August	2.38	1.62	3.02	4.10	1.77	2.17	.75	1.78	2.29	1.31	2.119
September ..	.55	1.53	1.18	2.47	.90	1.81	1.59	.68	1.00	2.30	1.401
October	1.55	1.99	1.27	5.32	1.34	1.06	2.65	2.09	1.75	3.67	2.269
November ..	1.50	.55	1.54	1.71	1.47	2.73	3.35	1.73	.53	.57	1.568
December ..	2.16	2.57	1.23	1.02	1.57	.53	1.83	3.23	1.36	2.22	1.772
TOTALS ..	18.80	18.04	17.41	33.54	18.16	20.30	20.88	19.33	19.92	22.96	20.934

D D m m m m D ✓

1900 St Marks Middleton Square 200 yards N
House 34 ft high 120 ft S E

N.B. Rejected from Survey as 2nd low.

+ Inspected 31.3.08 H.R.M. g. in good condition set at 3' 6" in brick pillar 16" square
in flower bed between two reservoirs 6 ft deep & nearly always full

RAINFALL at Finsbury New River Head

County of London

Observer Metropolitan Water Board

River Basin Thames - Left Bank Tributary 2

Copper Smoked Rain Gauge, by Casella

Funnel 5.00 all over

glass

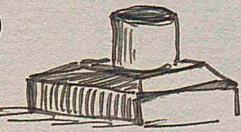
{
 .50 = .505
 .49 = .494
 .30 = .302
 .20 = .202
 .10 = .099
 .01 = .007
 }

Diameter ...	5										
Height	3.8			1	0						
Altitude ...	100										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.25	1.22	3.55	2.39	.51	3.75	1.04	1.03	2.90	2.74	2.038
February ...	2.28	1.28	1.39	.77	2.08	2.89	2.80	.86	.94	2.07	1.736
March80	1.52	2.58	2.07	3.93	.72	4.02	1.45	.96	3.18	2.123
April	2.15	1.53	.03	2.25	.74	1.00	1.24	1.85	2.86	3.17	1.682
May	1.77	2.01	1.08	1.36	1.76	5.94	1.75	2.19	2.30	.35	2.051
June	2.18	2.43	3.25	.42	1.08	.47	1.74	3.23	1.21	1.45	1.746
July	2.38	1.39	1.23	2.00	1.33	4.00	2.40	4.00	6.18	1.91	2.682
August	1.43	.80	4.48	1.29	1.11	2.00	5.70	3.63	1.90	2.04	2.438
September ..	.56	1.42	2.02	1.66	.82	1.96	1.41	2.18	5.25	.96	1.824
October ...	1.67	3.08	1.85	2.99	1.14	1.86	2.87	2.90	1.10	.67	2.013
November ..	2.77	3.17	1.45	2.16	3.09	1.99	3.92	1.53	1.88	1.19	2.315
December ...	2.85	4.08	2.66	.75	5.62	4.96	2.22	.83	2.19	3.22	2.938
TOTALS ...	22.09	23.93	25.57	20.11	23.21	31.54	31-11	25.68	29.67	22.95	25.586

1.15. Moved. Placed between Nos 1 and 2 Filter Beds.

109.41

fm



N.B. Rejected for Survey as 2" low

+ Inspected 28.12.1913. G. rather old but good. Set in cement at 1 ft. Circular iron nail 2 ft 6 in high 5 ft away. Open situation on path between two reservoirs which are about 15 ft away and full.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Finsbury New River Head

County of London

Observer Metropolitan Water Board

River Basin Thames 2

Copper Snowdon Rain Gauge, by Casella

Bottom of copper gone - to be repaired
 bottle which only holds 2 in. to be replaced by a larger one.
 glass not tested (VI-21)

 5.00
 5.00
 4.98
 5.02

	X.25 Casella Snowdon 7497										X.X.25 Glass	5.00	5.00	4.98	5.02
Diameter ...	5"	8		5	8	8					4.95	.51 Standard	.36	.365	.
Height	1.0	2.6			2.0	1.0									
Altitude ...	100	95													
Sums 1920-30	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MARSH.	1930.			
21.86	January ...	2.19	2.10	2.23	1.11	2.53	1.63	2.28	1.45	3.28	.74	2.32			
16.74	February53	.19	1.77	2.60	.53	2.62	2.86	2.95	1.42	.41	.86			
11.85	March	1.19	1.07	1.22	2.11	.51	.57	.25	2.34	1.13	.01	1.45			
19.79	April	2.64	1.03	2.28	1.15	2.87	1.70	2.98	1.84	1.09	.03	1.18			
17.03	May57	1.00	.75	1.96	2.52	1.27	1.85	1.30	1.89	.25	2.67			
16.33	June	1.59	.40	.98	.40	2.02	.09	3.14	2.54	2.18	.82	2.17			
28.90	July	3.41	.10	3.52	3.10	5.06	3.40	2.02	2.60	2.08	1.93	1.68			
24.77	August	1.64	1.24	2.28	1.76	2.37	2.53	1.88	3.71	2.49	2.09	2.78			
22.46	September...	3.46	1.95	1.68	1.01	2.51	1.86	1.26	4.49	.61	.21	3.42			
23.79	October.....	1.03	.86	1.06	4.92	3.40	2.60	1.93	1.19	3.12	2.63	1.05			
25.70	November...	.89	1.75	1.44	1.41	2.00	1.35	4.31	2.30	1.89	4.82	3.54			
23.52	December...	2.06	.92	2.77	1.86	2.89	2.35	.23	2.70	2.30	3.80	1.64			
252.74	TOTALS...	21.20	12.61	21.98	23.39	29.21	21.97	24.99	29.41	23.48	19.74	24.46			
		D	D	D	D	D	D	D	D	D	D	D			

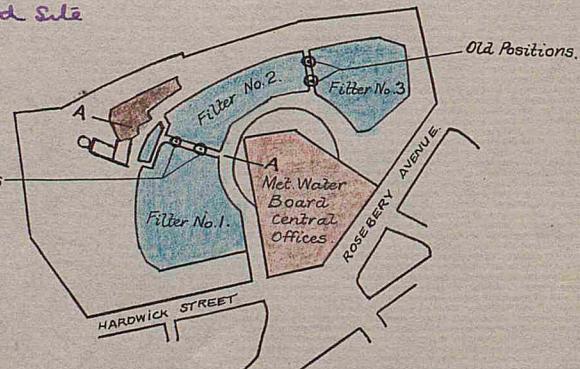
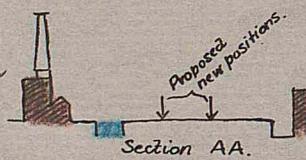
Inspected CB. 2. VI. 21 areas before - good site

" F.J.W. 6. XI. 23 : satisfactory

Inspected 1. 20. X. 25 good site

See green file
1924. The second gauge shown in sketch is a recording
gauge belonging to the London County Council. 19/11/24.

NB. Rejected from Survey as 2" low.

1930. G. read in winter 10am
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.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1922			Kings Cross					

**FINSBURY
RAINFALL** at New River Head.

County of London

Observer Met Water Board

River Basin Thames Left Bank trib 2

+A

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

883893/28

Diameter	8		5								
Height	10										
Altitude	95										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS Means
January	1.06	1.46	1.07	1.08	1.12	3.82	3.14	2.69	4.29	2.09	21.82
February	1.50	.15	1.19	.06	2.28	1.35	4.23	.53	.88	1.52	13.69
March	.12	1.17	2.23	1.79	.48	1.08	3.06	.35	1.26	3.82	15.33
April	3.29	2.01	.88	1.43	2.81	1.36	2.56	.11	2.71	1.64	18.80
May	2.67	3.34	1.55	.41	1.32	.40	2.58	1.44	1.44	1.28	16.43
June	1.26	.66	1.92	.90	2.97	3.60	1.48	.47	1.23	.28	14.77
July	2.62	1.93	88	1.13	.58	2.67	.41	1.15	1.71	3.14	16.22
August	5.02	1.84	.51	1.98	2.22	.45	.74	1.81	3.62	00	18.19
September	2.08	2.07	3.04	1.60	2.76	3.05	1.28	2.98	1.50	.87	21.23
October	.59	5.71	1.48	1.08	2.85	1.94	2.18	2.55	5.90	2.63	26.91
November	2.02	1.03	.81	1.70	3.69	3.13	1.25	2.85	4.81	6.23	27.52
December	.71	.39	.29	4.45	2.57	1.97	3.99	2.74	1.08	1.14	19.33
TOTALS	22.94	21.76	15.85	17.61	25.62	24.82	26.90	19.67	30.43	24.64	230.24

Inspected 5-7/3/34 Minor defects in funnel of gauge pointed out to observer. Exposure unorthodox, recommended that another gauge be set up in middle of yard, i.e. between present site and gate. Space round should be left clear of clumps. The gauges should be read independently for year or two.

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

RAINFALL at FINSBURY New River Head

41

County of London.

Observer Met. Water Board

River Basin Thanned Left Bank Hills.....

.....

Type of Gauge..... + A

.....

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

Ref.

File No.

Diameter	5			246	212						
Height	1	0			1						
Altitude	95			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	SUMS Means	
January	2.45	2.05	4.57	1.51	1.61	1.36	1.36	3.18	.74	.96	19.79
February	1.75	1.35	1.29	.74	1.47	2.57	1.34	1.54	.83	3.28	16.16
March	2.93	1.82	.32	.09	.83	1.10	5.05	.65	.81	.57	14.17
April	1.66	.76	1.02	1.21	.91	1.52	1.66	1.32	1.68	2.01	13.75
May	1.46	2.51	1.58	.85	3.53	2.85	.79	2.24	1.73	1.22	18.76
June	2.57	.60	1.59	1.94	1.77	2.88	2.53	2.25	.57	1.15	17.85
July	4.60	1.54	1.61	1.90	3.22	1.67	1.99	1.04	.53	3.29	21.39
August	4.93	1.74	1.17	2.53	1.12	3.73	.06	2.78	1.59	1.75	21.40
September50	1.00	1.87	2.88	1.40	2.95	1.52	1.23	.28	2.23	15.86
October67	3.84	2.46	3.08	2.07	1.63	.04	1.94	5.32	.39	21.44
November	2.47	2.00	1.32	3.48	.17	2.83	.99	1.68	2.13	4.60	21.67
December	1.95	2.33	1.32	1.02	2.45	2.10	2.23	2.32	1.47	1.52	18.71
TOTALS	27.94	21.54	20.12	21.23	20.55	27.19	19.56	22.17	17.68	22.97	220.95

1948 March. Owing to new building work, gauge has been moved to new site in the centre of a disused filter bed, the surface of which is approximately, 8 ft. below normal ground level. (Letter 31/3/48 file E.6165/47). D.P.

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

Reference No.

RAINFALL at FINSBURY New River Head.

51

County of London

Observer Met. Water Board

River Basin Thames Left Bank Trib.

Type of Gauge M.H.I

(+) L.C.C.

mod. this to
Board of Trade Standard 11.4.51

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

23.24 " " 35 " 1916-1950

Ref.

1916-1950

P

File No. E 34/0146 E 22626/58

Diameter in.	5			246	212						
Height ft. in.	10				1						
Altitude ft.	95 ^{1.9.52 to 4'}				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.78	1.79	.94	1.06	2.46	3.34	1.43	2.12	2.16	1.68	19.76
February ...	5.10	1.89	1.25	2.16	1.59	.33	2.94	2.60	.06	1.94	18.86
March ...	3.15	2.72	.48	2.10	.97	1.00	1.13	1.12	2.15	1.84	16.36
April ...	2.57	1.15	2.42	.28	.43	1.17	.19	1.75	1.98	0.62	12.56
May ...	1.88	.88	1.44	1.67	4.40	.40	1.46	2.33	1.01	1.84	17.31
June ...	1.26	1.87	1.65	3.31	2.93	2.49	.75	5.03	2.17	1.75	23.21
July ...	1.43	.62	3.79	2.55	.32	5.20	3.56	1.92	1.68	2.77	23.83
August ...	3.88	2.97	2.20	3.00	1.06	4.53	1.69	3.58	3.57	3.44	29.92
September ...	2.84	2.68	1.84	1.83	2.38	2.09	2.43	3.53	.08	5.03	24.73
October91	2.68	2.89	2.53	2.77	1.98	1.95	2.65	1.83	5.34	25.53
November ...	4.59	3.77	.78	3.15	.64	.35	2.23	1.62	2.65	3.89	23.67
December ...	2.00	2.42	.66	1.59	1.87	2.55	1.56	2.97	3.28	2.18	21.08
TOTALS ...	32.39	24.44	20.34	25.23	21.82	25.43	21.31	31.22	22.62	32.02	256.82
	d	d	d	d	d	d	d	d	d	d	0.03

Insp 27.8.52. This is 8th Rouse. Gauge in old feltin bed to be moved while formal garden is constructed - gauge:- no lower part to outer can. delivery tube loose. Rain probably all caught in glass bottle. Inner can sound.

New site (see over). When garden is st up (about 6 mts) old gauge (repaired) will be put back in feltin bed for comparative purpos to see if new site is occupied

1952 New gauge installed on new site 1.9.52

1952 MAY 1958. Bush 12', 25' NW'W. Tree 70' high to SW of shelter. Reasonable Site I think.

Imperial 3.10.60 by H. Blather - satisfactory

P.T.O.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference T.Q. 312 821

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. 1892?	1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	
		✓	✓	✓ but d 41, 49, 50	✓ but d 41, 49, 50	