

Deptford  
RAINFALL AT Telegraph Hill

Lat. ....

Long. ....

County of London

Thames - 1.

Rain Gauge, by N & J.

Observer London County Council  
Locality of Survey  
E.Cathcart Hodson

Diameter ..					5						
Height ..					9. 6						
Altitude ..					135						
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..					1.12	3.71	.95	1.39	.91		
February ..					.62	1.77	1.25	1.41	.36		
March ..					3.74	1.06	1.09	2.26	(2.87)		
April ..					1.58	.76	3.45	1.76	1.53		
May ..					1.02	1.34	1.98	2.06	1.02		
June ..					4.30	2.63	2.85	2.38	3.15		
July ..					2.08	.68	.54	1.30	3.42	2.81	
August ..					1.42	3.10	1.23	2.28	3.47	1.41	
September ..					1.22	2.00	2.00	2.18	1.52	1.83	
October ..					1.66	.94	3.22	3.29	2.08	3.17	
November ..					1.80	3.25	3.91	2.43	.91	.67	
December ..					2.24	.63	1.75	2.75	2.04	1.82	
TOTALS ..					22.98	23.92	25.80	24.70	21.55		

1905 St Catherines Church 40 yards SE  
Nunhead Station 700 N.W.  
1905 Church 70 ft high 40 yards S E  
1909 Mart 1-18 cat<sup>2</sup>.

N.B. Rejected from Survey as 2<sup>o</sup> low.

".... not well placed

.... a tree, if it does not already, will in a very short time greatly interfere with the accuracy". Extract from letter from Lionel B. Wells, C.S. to Met. Off. 11. 09.

## RAINFALL at Deptford Telegraph Hill

County of London

Observer London County Council

G. Holden E Holdings

River Basin Ham &amp; Right Bank Tributary - 1

Rain Gauge, by N + 3

1916-19

MS

Diameter ...	5'											
Height .....	9.6						8.6					
Altitude ...	135											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
5.95	January ...	1.03	.92	2.71	2.64	.22	2.47	.90	.69	2.08	2.28	1.539
5.85	February ...	2.26	1.20	1.32	.38	1.77	(3.35)	2.86	.56	.69	1.74	(1.613)
7.50	March .....	.80	1.19	2.19	1.95	2.40	.48	2.89	1.30	.77	2.54	1.651
7.27	April .....	1.55	1.44	.01	1.66	.80	1.13	.96	1.26	3.02	2.03	1.386
5.64	May .....	1.83	1.64	.96	(.92)	1.47	2.70	1.55	2.01	1.91	.17	(1.516)
5.86	June .....	1.94	2.08	2.79	.39	.99	.40	2.01	1.67	.69	1.49	1.445
13.98	July .....	2.77	.21	1.42	(1.31)	1.20	3.04	(1.11)	4.14	6.80	1.93	(2.393)
11.34	August .....	2.98	1.44	3.93	1.69	.94	2.72	3.17	3.64	2.29	2.24	2.5704
7.30	September ..	.59	1.11	2.05	(1.17)	.59	1.73	.60	1.54	3.98	1.18	1.454
7.12	October ...	2.00	2.97	1.77	3.35	.79	1.80	2.71	2.67	1.10	.64	1.983
7.91	November ..	2.83	3.10	1.20	2.17	2.43	2.14	4.07	1.20	1.69	.95	2.178
7.69	December ...	2.55	3.71	2.02	.70	4.50	4.90	2.19	.75	1.90	2.85	2.607
93.41	TOTALS ...	23.18	21.01	22.37	(17.76)	18.10	(26.86)	(25.02)	21.43	26.92	20.04	(22.269)

1910 Church 70 ft high 40 fms S E  
 1914 ash tree 12 ft S E partly est.  
 1915

NB. Rejected from Survey as 2° low

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Nanhead	700 yds 1/4 mile	NW	St. Catherine	200 40 yds	S E

## RAINFALL at Deptford Telegraph Hill

County of London

Observer London County Council E. Grace  
1923 J. Chapman.

River Basin Thames, R. Bank Tributary

M.O.<sup>2</sup> Rain Gauge, by N. S.  
Snowdon funnel sound.

Diameter ...	5"											
Height .....	7 "		9.0		1.0							
Altitude ...	135											
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Mean
1.1.47	January ...	2.11	1.53	2.28	2.04	2.76	1.60	2.19	1.41	2.70	.69	2.21
16.40	February ...	1.42	.06	1.67	2.61	.47	3.02	2.76	3.17	1.14	.89	0.68
11.78	March .....	1.59	1.13	1.30	1.84	.52	.53	.17	1.88	1.40	.06	1.36
20.59	April .....	2.48	1.06	2.42	1.26	3.04	1.80	3.49	1.67	1.13	1.06	1.18
18.25	May .....	1.48	1.39	.78	1.70	2.52	1.34	1.62	1.43	2.80	1.18	3.01
16.38	June .....	1.23	.55	1.09	.38	1.94	.09	2.85	2.63	2.09	.79	2.74
24.27	July .....	3.27	.09	3.23	2.60	2.79	3.39	1.65	2.15	1.92	1.61	1.77
23.03	August .....	1.65	.56	1.91	1.68	2.14	2.33	2.34	3.84	2.40	1.91	2.27
23.86	September...	3.81	1.56	1.67	1.01	2.78	1.89	1.27	4.29	.71	.18	5.19
22.70	October.....	1.12	.70	.85	4.60	3.25	2.49	2.26	1.10	3.09	2.20	1.04
25.66	November...	.79	2.02	1.20	1.56	2.85	1.52	4.15	2.20	1.59	3.97	3.81
23.44	December...	1.66	.91	2.72	1.76	2.64	2.57	.32	3.50	2.32	3.77	1.30
24.783	TOTALS...	20.11	11.56	21.12	23.04	27.60	22.87	25.07	29.27	23.32	17.61	26.56
		D	D	D	D	D	D	D	D	D	D	22.53

Weeping Ash Tree 9ft high 10ft S.E.

Inspected 3. XII. 23. Tree situated in Victoria Park. Gauge was too high above ground but it was considered that loss would not be so great as in other cases since land to S and houses to E afford some shelter.

The gauge only held 2.1 inches and the right hand tube leaked.

A tree to the S required a branch or two to be cut off & this would be done. 1930. Read 9 a.m. in winter.  
1923 (not pruned), see type of gauge. 1924 not pruned, see note. 1926 half affected by frost, 10 ft. of the tube held, 12 yds. away.

newly pruned & bottom measure certified. Sets shown 1.9.26 to 1. of the tube held, 12 yds.

good gauge and although at top of hill, good shelter all round.

N.B. Extracted from Survey  
as of 28. Dec.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920			Nunhead	1/2 mi. S.W.		St. Catherine's	200 yds	S.E.
1925			"	1/4 mi. W.		"	50 "	E.

DEPTFORD

## RAINFALL at Telegraph Hill

County of London

Observer London County Council

River Basin Thames Right Bank trib 1

Type of Gauge M.O.

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

Ref.

f 668428/26

Diameter	5														Totals.	Means
Height	10															
Altitude	135															
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940						
January	1.03	1.58	1.00	1.15	1.95	3.73	3.57	2.41	4.10	(2.22)	2.177					
February	1.43	0.25	1.46	0.8	2.21	1.34	4.02	1.62	1.15	1.24	1.380					
March	1.24	1.43	2.01	1.84	1.47	1.07	3.26	1.40	1.20	3.77	1.569					
April	3.48	1.90	1.60	2.10	2.79	1.49	2.44	1.08	2.19	1.83	1.890					
May	2.76	3.46	2.11	1.32	1.36	1.33	3.82	1.29	1.78	1.07	1.780					
June	1.16	0.61	1.74	1.82	3.15	3.13	1.92	1.36	1.20	1.65	1.574					
July	2.32	2.30	1.27	1.53	1.76	3.04	1.64	1.60	2.51	3.31	2.028					
August	4.01	1.47	5.0	1.54	1.91	1.81	1.69	1.97	3.37	1.01	1.628					
September	1.62	2.06	2.34	1.18	2.58	2.99	1.57	2.92	1.54	1.21	2.001					
October	1.63	4.91	1.45	1.99	2.72	1.83	2.64	2.09	5.75	2.34	2.534					
November	2.15	0.92	1.80	1.95	3.91	3.01	1.45	3.32	4.06	7.11	2.868					
December	1.51	0.33	1.38	4.65	2.61	2.08	4.01	(2.19)	1.03	1.14	1.893					
TOTALS	21.34	21.22	15.66	19.18	25.42	24.85	30.53	19.25	29.88	25.90	23.23	KM				
	D	D	D	D	D	D	D	D	D	D						

1931. Church hall 40' high 20 yds. E.

DB

1934. Tunnel of gauge found to be cracked at side, in June, 1934.

1938. Dec. gauge out of use.

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 from gauge	Parish Church.	Distance from gauge
1931.			Hunhead	1/4 m	W.	St. Cuthbaine	100 yds. E.

Station No. 144 M.

## RAINFALL at DEPTFORD Telegraph Hill

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County of London

Observer London, County Council

River Basin Thames, Right Bank Units 1

Type of Gauge M.M.Q.

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

File No. bba 428/2b

Diameter	5		286	345							Means
Height	1	-		1							
Altitude	185	155		41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	273	2.53	4.59	1.31	(200)	1.38	1.48	2.58	.71	.91	Totals 20.28
February	186	.67	1.53	77	(126)	2.05	1.76	1.38	.78	3.26	15.26
March	272	2.27	1.29	.05	.88	1.12	4.63	.66	.74	1.66	14.02
April	165	.87	.78	1.49	.96	1.79	1.26	1.07	1.28	2.51	13.66
May	(187)	2.68	2.37	.47	1.87	3.25	1.07	1.67	1.83	1.45	18.43
June	(220)	.36	1.39	1.68	1.31	1.81	2.44	2.37	.64	1.33	15.52
July	313	1.77	1.67	1.41	2.91	1.68	1.16	.97	.90	3.21	18.81
August	458	1.59	1.57	2.72	1.20	4.15	.15	3.84	.98	1.17	21.95
September	70	1.53	1.73	2.78	1.43	2.57	1.31	.91	.86	2.51	16.33
October	75	4.00	2.15	2.89	1.69	1.18	.13	2.09	5.33	.38	20.57
November	257	2.13	1.20	3.43	.09	2.28	1.06	1.52	2.21	4.72	21.21
December	183	2.40	1.61	1.11	2.74	2.13	2.12	2.27	1.50	2.78	20.49
TOTALS	(2659)	22.69	20.88	20.11	(1828)	25.39	18.57	21.33	17.76	24.95	216.55

1941 May for 1940. June estd.

1945 No records for Jan-Feb, instruments destroyed by enemy action.

Completed and Deposed WW for 1946-50 survey.

200

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	Parish Church.	Distance from gauge

Station No. 1A. M.

RAINFALL at Deptford Telegraph Hill

51

County of London

Observer London County Council

River Basin Thames Right Bank Trib. 1

Type of Gauge M.O.

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

Ref.

File No. 668428/26

Diameter	5"	288	345			5"				
Height	1' 0"		1			1' 0"				
Altitude	150'		51			130'				
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960
										Means
January	2.77	1.65	.80	1.12	2.42	3.09	1.46	1.94	2.32	1.70
February	5.48	1.70	1.30	2.06	1.49	.30	2.55	2.41	.08	1.77
March	2.64	2.57	.45	1.89	.98	.88	.78	1.22	1.78	1.93
April	2.89	1.05	2.23	.26	.31	1.07	.28	1.36	2.10	0.64
May	1.97	1.07	1.83	1.97	3.83	.47	1.13	2.38	1.21	2.16
June	1.14	1.29	1.53	2.56	1.98	3.18	1.04	4.01	.75	1.29
July	1.43	.69	3.68	2.41	.23	3.89	3.82	2.37	1.40	4.42
August	2.97	2.63	1.37	3.74	.89	3.25	1.87	3.69	2.43	3.49
September	3.43	2.87	2.12	2.20	2.64	2.34	2.22	4.64	.09	4.58
October	.91	2.92	3.42	1.66	3.21	1.17	1.89	2.56	2.09	5.65
November	4.39	3.45	.91	3.55	.40	.46	2.14	1.93	3.08	4.60
December	1.75	2.18	.63	1.14	1.66	2.59	2.01	2.71	3.66	2.48
TOTALS	31.27	23.07	20.27	24.56	20.04	22.69	21.19	31.22	20.99	34.21
	D	D	D	D	D	D	D	D	D	249.51

1951. Shrubbs 15'; 30' W; Trees 30'; 30' W; Hedge 4'; 6' E.

98.

1953. Gauge moved into staff yard on 16/8/58 1822 S.W. of old site. Boundary wall (4' 0") 8' 6" W.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference TQ(51)357761

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Minstead	300 yds	W	Telegraph Hill	50 yds N.E.

Summary of Earlier Records from 10-year Sheets : 1916-1950, P. - reg'd.

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
	July 1944	✓	✓	✓	✓	✓ but d. 1944