

RAINFALL AT *Telegraph Hill*

Lat.

Lon.

County of *London*

Rain Gauge, by *N. 3*

Observer *London Light & Power Co. J. J. Smith*

Thames - 1.

W. B. Bachelar & H. H. Hadden

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 Catherine's Church 40 yards SE
 Nunhead Station 700 . N.W.
 1908 Church 70 ft high 40 yards SE
 1909 Mar 1-18 est.

N.B. Rejected from Survey as 2' 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.E. to Met. Off. 11. 10. 91.

RAINFALL at Deptford Telegraph Hill

County of London

Observer London County Council
S. Holden E. Holdup

River Basin Thames - Right Bank Tributary - 1

Rain Gauge, by N + 3

	Diameter ...	5										
	Height	9.6				8.6						
	Altitude ...	135										
1916-19	Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
5.95	January ...	1.03	.92	2.71	2.04	.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	1.657
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	2.504
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	3.38	.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
23.41	TOTALS ...	23.18	21.01	22.37	(17.76)	18.10	(26.86)	(25.02)	21.43	26.92	20.04	(22.269)

Church 70 ft high 40 yds S E
 ash tree 12 ft 3 ft S E
 very partly cut?

N.B. Rejected from Survey as 2' low

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Namhead	700 yds 1/200 ft	NW	St Catherine's	140 yds	S E.

RAINFALL at Deptford Telegraph Hill

Observer: London County Council, E. Scrace
1923 J. Chapman.

1923 J. Chapman

10.02. Rain Gauge, by N. J.
Snowdon funnel sand.

Diameter ...	5"											
Height	70			9.0		1.0						
Altitude ...	135											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930	Memo.
January ...	2.11	1.53	2.28	2.04	2.71	1.60	2.19	1.41	2.40	.69	2.21	1.95
February ...	.42	.06	1.67	2.61	.45	3.02	2.76	3.17	1.17	.89	0.68	1.49
March	1.59	1.13	1.30	1.84	.52	.53	.17	1.83	1.40	.06	1.36	1.07
April.....	2.48	1.06	2.42	1.26	3.04	1.80	3.49	1.67	1.13	1.06	1.18	1.87
May .....	.48	1.39	.78	1.70	2.52	1.34	1.62	1.43	2.80	1.18	3.01	1.66
June	1.23	.55	1.09	.38	1.94	.09	2.85	2.63	2.09	.79	2.74	1.49
July	3.27	.09	3.23	2.60	2.79	3.39	1.65	2.15	1.92	1.41	1.77	2.21
August	1.65	.56	1.91	1.68	2.14	2.33	2.34	3.84	2.40	1.91	2.27	2.08
September..	3.31	1.56	1.67	1.01	2.78	1.89	1.27	4.29	.41	.18	5.19	2.17
October.....	1.12	.70	.85	4.60	3.25	2.49	2.26	1.10	3.09	2.20	1.04	2.06
November...	.79	2.02	1.20	1.56	2.85	1.52	4.15	2.20	1.59	5.97	3.81	2.35
December...	1.66	.91	2.72	1.76	2.64	2.57	.32	3.50	2.32	2.77	1.30	2.13
TOTALS...	20.11 D	11.56 D	21.12 D	23.04 D	27.60 D	22.57 D	25.07 D	29.27 D	23.32 D	17.61 D	26.56 D	22.53 D

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

Inspected g.B. 3.XII.23. For sketch see Victoria Park. Gauge was too high above

ground but it was considered that loss would not be as great as in other cases since land to S and houses etc. to W and E afforded some shelter.

The gape only held 2-1 inches and the right hand index ~~was~~
to be cut off if this would be done.

a tree to the S. (revised
1923 not printed), see type of Gauge.

1924 not-printed. see note

Newton Sparrows & flat bottom, numerous coralified. Silt chosen 1:2.2 to 3.0 of shells to 5.6
hard granular & although at tip of hill, good shelter all around.

*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
1920			Punhead	1/2 mi.	S. W.	St. Catherine's	200 yds	SE
1925			"	1/4 m.	W.	"	50 "	E.

DEPTFORD

RAINFALL at Telegraph Hill.

County of LondonObserver London County CouncilRiver Basin Thames Right Bank Trios IType of Gauge M.O.Annual Average R in. based on years obs. un-weighted. Period of average

Ref

+668428/26

Diameter	5											
Height	10											
Altitude	135											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Totals	Means
January	1.03	1.58	1.00	1.18	.95	3.73	3.57	2.41	4.10	(2.22)	2177	
February	1.43	0.25	1.46	.08	2.21	1.34	4.02	.62	1.15	1.24	1380	
March	.24	1.43	2.01	1.84	.47	1.07	3.26	.40	1.20	3.77	1569	
April	3.48	1.90	.60	2.10	2.79	1.49	2.44	.08	2.19	1.83	1890	
May	2.76	3.46	2.11	.32	1.36	.33	3.32	1.29	1.78	1.07	1780	
June	1.16	0.61	1.74	1.82	3.15	3.13	1.92	.36	1.20	.65	1574	
July	2.32	2.30	1.27	1.53	.76	3.04	1.64	1.60	2.51	3.31	2028	
August	4.01	1.47	.50	1.54	1.91	.81	.69	1.97	3.37	.01	1628	
September	1.62	2.06	2.34	1.18	2.58	2.99	1.57	2.92	1.54	1.21	2001	
October	.63	4.91	1.45	.99	2.72	1.83	2.64	2.09	5.75	2.34	2535	
November	2.15	0.92	.80	1.95	3.91	3.01	1.45	3.32	4.06	7.11	2868	
December	.51	0.33	.38	4.65	2.61	2.08	4.01	(2.19)	1.03	1.14	1893	
TOTALS	21.34	21.22	15.66	19.18	25.42	24.85	30.53	19.25	29.88	25.90	23323	KH
	D	D	D	D	D	D	D	D	D	D		20

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

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

1939. Dec. partly out of record.

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
1931.			Amnhead	1/4 m	W.	St. Catherine	100 yds.	E.

RAINFALL at DEPTFORD Telegraph Hill

41

County of London

Observer London County Council

River Basin Thames Right Bank Tribut.

Type of Gauge M.O.

Annual Average 8 in. based on years obs. un-weighted. Period of average

Ref.

File No. 66.54.28/26

Diameter	5			288	345							
Height	1				1							
Altitude	135'	155'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	2.73	2.53	4.59	1.31	(2.00)	1.38	1.48	2.58	.71	.97		Totals 20.28
February	1.86	.67	1.53	.77	(1.26)	2.05	1.76	1.38	.78	3.26		15.26
March	2.72	2.27	.29	.05	.88	1.12	4.63	.66	.74	.66		14.02
April	1.65	.87	.78	1.49	.96	1.79	1.26	1.07	1.28	2.51		13.66
May	(1.87)	2.58	2.37	.47	1.87	3.25	1.07	1.67	1.83	1.45		12.43
June	(2.20)	.35	1.39	1.68	1.31	1.81	2.44	2.37	.64	1.33		15.52
July	3.13	1.77	1.67	1.41	2.91	1.68	1.16	.97	.90	3.21		12.21
August	4.58	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	6.00	2.15	2.89	1.69	1.18	.13	2.09	5.33	.38		20.59
November	2.57	2.13	1.20	3.43	.09	2.28	1.06	1.52	2.21	4.72		21.21
December	1.83	2.40	1.61	1.11	2.74	2.13	2.12	2.27	1.50	2.78		20.49
TOTALS	(26.54)	22.69	20.88	20.11	18.28	25.39	18.57	21.33	17.76	24.95		216.55
	D	D	D	D	1828	D	D	D	D	D		2166

941 May for estd. June estd.

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

Captured at Deptford WW for 1946-50 missing.

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. 14. M.

RAINFALL at Dartford Telegraph Hill

51

County of London Observer London County CouncilRiver Basin Lower 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. 66828126

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	19.27
February ...	5.48	.70	1.30	2.06	1.49	.30	2.55	2.41	.08	1.77	18.14
March ...	2.64	2.57	.45	1.89	.98	.88	.78	1.22	1.78	1.93	15.12
April ...	2.39	1.05	2.23	.26	.31	1.07	.28	1.36	2.10	0.64	11.69
May ...	1.97	1.07	1.83	1.97	3.83	.47	1.13	2.38	1.21	2.16	18.02
June ...	1.14	1.29	1.53	2.56	1.98	3.18	1.04	4.01	.75	1.29	18.77
July ...	1.43	.69	3.68	2.41	.23	3.89	3.82	2.37	1.40	4.42	24.34
August ...	2.97	2.63	1.37	3.74	.89	3.25	1.87	3.69	2.43	3.49	26.33
September ...	3.43	2.87	2.12	2.20	2.64	2.34	2.22	4.64	.09	4.59	27.13
October ...	.91	2.92	3.42	1.66	3.21	1.17	1.89	2.56	2.09	5.65	25.48
November ...	4.39	3.45	.91	3.55	.40	.46	2.14	1.93	3.08	4.10	24.41
December ...	1.75	2.18	.63	1.14	1.66	2.59	2.01	2.71	3.66	2.48	20.81
TOTALS ...	31.27	23.07	20.27	24.56	20.04	22.69	21.19	31.22	20.99	34.21	249.51
	D	D	D	D	D	D	D	D	D	D	

1951, Shields 15' 30" W; Trees 30' 30" W; Hedge 4' 6" E. 30.
 1958, Gauge moved into bluff yard on 16/8/58 1822 S.O. of old site. Boundary wall
 (4' 0" 8' 0" W).

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TD(51)357761

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			<u>Wimstead</u>	300 yds W	<u>Telegraph Hill</u>	50 yds NE

Summary of Earlier Records from 10-year Sheets :

1916-1950, P. — rechecked.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
<u>July 1904</u>	✓	✓	✓	✓	
<u>but d'19</u>	✓	✓	✓	✓	