

RAINFALL AT

Warr Seacor
Forest Hill S+V Water Co.

Lat.

Lon.

County of

Kerry

Rain Gauge, by
LONDON / Thames - Right Bank

Observer

RAINFALL AT Forest Hill Barn Beacon

Lat.

Lat.

County of

Kent

Rain Gauge, by

Observer

J.W. Restler Esq C.E.

LONDON 1/ Chancery Lane Right Bank.

Diameter	5											
Height	10											
Altitude	344 ft											
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January	2.00	1.50	.54	1.72	2.73	1.41	.80	1.67	.80	2.67	1.584	
February82	.04	1.35	2.92	1.64	.17	.37	1.99	1.18	1.80	1.228	
March	1.91	1.85	.80	.35	.84	1.25	3.10	3.39	1.27	.55	1.581	
April	1.77	.62	1.17	.04	1.43	1.60	.73	1.34	.96	2.67	1.233	
May	1.41	3.16	1.54	.46	1.42	.63	.17	1.48	2.75	1.50	1.452	
June	2.94	1.25	2.47	1.01	2.12	.26	1.90	2.41	1.53	.98	1.687	
July	5.30	3.82	2.07	3.78	3.11	3.51	1.13	.79	.82	.71	2.504	
August	2.14	3.64	3.37	1.25	2.79	2.32	2.47	3.17	1.08	.41	2.264	
September....	.63	.94	2.19	1.24	1.18	.84	5.46	2.71	.27	2.53	1.799	
October.....	1.15	4.81	3.83	4.33	4.54	2.86	2.75	.53	2.73	2.24	2.977	
November....	1.54	2.14	2.29	2.06	3.12	3.05	1.39	1.07	2.45	3.95	2.306	
December....	.43	2.87	1.22	1.94	2.02	2.27	2.80	2.43	2.50	1.38	1.986	
TOTALS	22.04	26.64	22.84	21.10	26.94	20.17	23.07	22.98	18.34	21.39	22.551	

RAINFALL AT Forest Hill Barn Beacon

Lat. Lon. London South of the Thames 1903
County of KentSnowdon Rain Gauge, by Observer J.W. Reitter Esq. C.E.
Thames - 1. Rain slightly dented otherwise accurate in chain. Metropolitan Water Board

Diameter ..	5											
Height	10											
Altitude ..	344 ft											
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.34	.72	.58	2.20	2.63	1.19	3.61	.93	1.45	1.02	1.667	
February ..	2.88	.74	.68	1.33	2.33	.75	1.64	1.28	1.48	.58	1.369	
March79	1.98	1.60	2.10	1.38	3.63	1.02	1.10	2.16	2.63	1.839	
April81	1.74	.50	1.95	1.15	1.83	.59	3.45	2.08	1.83	1.593	
May	1.13	1.42	2.74	2.42	2.05	1.13	1.59	1.72	1.70	1.30	1.720	
June	2.61	1.59	3.37	6.08	.84	4.78	2.64	2.75	2.20	3.50	3.036	
July	1.27	1.32	1.66	4.10	1.55	.77	.52	.92	3.82	3.22	1.915	
August	2.57	1.88	2.94	4.29	1.62	2.99	1.44	2.12	3.61	1.64	2.510	
September..	.74	1.35	2.67	2.31	1.36	1.75	2.18	.77	1.34	2.88	1.730	
October....	1.70	2.62	1.52	5.01	1.74	1.02	3.22	3.16	2.23	3.98	2.610	
November ..	2.02	.74	1.36	2.10	1.65	3.09	4.16	2.20	.80	.76	1.891	
December ..	2.36	3.06	1.47	1.36	2.16	.58	1.92	2.51	2.00	2.29	1.971	
TOTALS ..	21.22	19.06	21.09	35.25	20.46	23.51	24.48	22.94	24.87	25.63	23.851	

20 5 20 5 20 5 20 5 20 5

Inspired 30-3-03 H.R.M. g. set at 1 ft. at top of gentle slope, otherwise well placed.
 Advised moving to centre of covered reservoir

RAINFALL at Lewisham Forest Hill Barn Beacon

County of London

Observer Metropolitan Water Board

River Basin Thame - Right Bank Tributary 1

Rain Gauge, by

Diameter ...	5										
Height	1.0				3.3						
Altitude ...	344 ft										
1916-19 YMS	Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
7.67	January ...	1.74	1.20	3.04	2.58	.55	3.46	1.11	1.12	2.70	2.74
8.02	February ...	2.93	1.33	1.63	.85	2.48	3.37	3.29	.93	1.05	2.75
9.20	March	1.04	1.76	2.66	2.46	4.04	.76	3.72	1.50	1.00	2.98
8.44	April	1.58	1.76	.02	2.64	.91	1.37	1.12	1.88	2.87	2.57
6.85	May	2.15	1.06	1.18	1.23	1.59	2.94	2.30	2.40	1.91	1.24
7.62	June	2.88	2.59	2.90	.55	2.62	.44	2.80	2.88	1.10	1.44
16.56	July	2.66	.40	1.58	1.42	1.74	3.53	1.49	4.99	7.29	2.79
14.09	August	2.51	1.82	4.63	2.12	1.21	2.68	4.57	4.72	2.27	2.53
8.60	September ..	.80	1.27	2.17	1.57	.81	2.18	1.13	1.90	4.38	1.19
8.70	October ...	2.41	3.59	2.18	3.93	1.05	2.23	3.16	3.07	1.66	.81
7.90	November ...	3.02	3.38	1.84	2.70	3.11	2.63	4.76	1.60	2.19	1.35
9.37	December ...	2.97	4.26	2.77	.95	6.30	5.25	2.29	1.07	2.52	3.49
115.02	TOTALS ...	26.69	24.45	26.60	23.00	26.41	30.74	31.74	27.46	30.94	24.88
											27.29

+ Inspected

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

19
20

RAINFALL at Lewisham, Forest Hill Park Beacon

County of London

Observer Metropolitan Water Board
(not Ben Beacon in 1922)

River Basin Thames, R. Bank Tributary 1.

4496
505
501
C. S. Sanderson Rain Gauge, by Casella
good condition
but no winter cap. (Bottle holds about 2.5 in.)Water level
2 ft 4.96
Glass covered

Gauge height 10.16.

Diameter ...	5						5			5
Height	3.3		1.3				1.3			1
Altitude ...	340				337		339			338.66
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
Totals										1930.
January	2.32	1.91	2.35	1.36	2.79	1.74	2.29	1.93	3.43	.89
February66	.15	1.88	2.90	.71	3.57	2.94	3.83	1.39	.62
March	1.69	1.39	1.56	2.26	.60	.72	2.24	2.31	1.68	.07
April	2.84	1.34	2.83	1.54	3.35	2.23	4.27	2.14	1.46	1.12
May86	1.76	.92	2.36	3.68	1.84	1.76	1.26	2.98	1.33
June	1.76	.33	1.59	.54	2.28	.16	3.03	3.48	2.40	1.03
July	3.68	.19	3.74	2.60	2.96	3.63	1.94	2.63	2.22	1.69
August	1.88	.72	2.41	2.43	2.59	2.97	2.23	4.55	2.74	1.99
September...	3.50	1.71	2.03	1.36	3.08	2.16	1.70	4.68	.92	.25
October.....	1.01	.90	1.14	5.23	3.26	2.78	2.49	1.42	4.03	2.79
November...	1.08	2.18	1.40	1.67	3.37	2.20	4.94	2.65	1.68	5.36
December...	2.17	1.29	3.09	2.11	2.62	2.78	.47	3.48	2.65	4.69
TOTALS...	23.45	13.87	24.94	26.40	31.29	26.78	28.30	34.36	24.88	21.83
	3	3	3	3	3	3	3	3	3	3

1930. Rainwater entrance 13 ft. 6 in. S. at top of bank falling 20 ft. in 30 ft. to E. with trees 12 ft. high 36 ft. at bottom. Hedge 8 ft. high 30 ft. S. wire netting 4 ft. high 48 ft. W. Hedge 6 ft. W. 13' high 35' S. 10 ft. 70 ft. W. wire net fence 4 ft. high 4' 6" W.

To 10' high 25' S.E. taken in winter 9 a.m. in summer 10 a.m.

2 inspects 1st. 19. XI. 23. Everything as satisfactory as above. Hydrometer in similar position about 20 yrs. ago.

Inspect 2nd 20. 9. 24. On the Cam Beck bottle will be OK.

Inspect 3rd 1. XI. 25. Same as before.

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
1930			Honor Oak	560 yds.	N.W.	St. Augustine's	750 yds.	M.N.E.

LEWISHAM

RAINFALL at Forest Hill Reservoir.

County of London Observer Met. Water Board.

River Basin Thames Right Bank tributary

Type of Gauge Standard + A

Annual Average 21.6 in. based on 43 years obs. un-weighted. Period of average 1881-1915 Ref. S.

883895/28

Diameter	5											Sum Means
Height	10											
Altitude	337	339										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	1.17	2.00	1.53	1.65	1.27	3.57	2.41	2.51	3.81	1.71	22.63	
February	1.54	3.35	1.60	0.25	2.52	1.49	2.01	1.62	1.11	1.15	14.64	
March	1.60	1.96	2.08	2.19	1.52	1.06	2.93	1.40	1.22	4.75	17.71	
April	3.76	2.60	1.03	2.48	3.14	1.56	2.30	.09	2.49	2.13	21.58	
May	3.04	5.27	2.81	0.48	1.46	0.38	3.16	1.34	1.90	1.14	20.98	
June	1.61	0.69	2.34	1.97	3.34	2.94	1.47	1.48	1.35	.83	17.52	
July	2.78	3.48	1.56	2.32	1.73	3.20	1.66	1.35	2.65	3.74	23.47	
August	5.68	2.09	.53	2.00	2.13	0.65	1.05	1.70	2.95	.16	18.94	
September	2.13	2.64	2.75	1.26	2.92	2.94	1.86	3.11	1.53	1.49	22.63	
October	1.96	5.79	1.65	1.33	3.39	2.24	2.71	2.36	6.04	2.42	28.89	
November	2.27	1.14	.92	2.18	4.14	3.19	1.52	2.24	4.56	7.61	29.77	
December	1.05	0.64	.36	4.73	2.74	2.63	3.95	2.32	1.07	1.28	20.67	
TOTALS	26.59	28.65	19.16	22.84	28.30	25.75	30.53	18.52	30.68	28.41	259.43	cm
	D.											

1931. Reservoir entrance 12' high 36' N. Hedge 6' W 13' high 35' S. Wire net fence 4' high 46' W. Trees 10' high 25' S.E.

Imp. 7/2/35:—g. satisfactory. First measure should be replaced by standard hedges. Exposure unorthodox but calculated, if improvements could be made on ground slopes to south.

New measure ordered on 23/2/35

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
1931.			Horn Oak.	560yds	N.W.	St. Augustine's	750yds

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

RAINFALL at LETCHAM Forest Hill Reservoir

County of Sonoma..... Observer Met. Water Board.....

River Basin Thames, Right Bank Tubs. I.

Type of Gauge... Bourdon..... (+ P).....

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

Ref

File No.

1962 Reservoir Entrance 12' high 3b' N. Hedge E. SW. 13' high 35' S. Wine net fence behind trees 10' high 26' S.E.

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	Parish Church.	Distance from gauge	Direction
1942			Honor Dale	560 y.	N.W.	St. Augustine's	750 y.	N.N.E.

Station No.

19 T.F.86

RAINFALL at LETCHAM Forest Hill Reservoir

51

County of London Observer Met. Water Board.

River Basin Thames Right Branch Trib. 1.

Type of Gauge Standard (12) H.E.I.

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

File No. E 92624/55

Diameter in.	5		288	875							
Height ft. in.	1	0			1						
Altitude ft.	339				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.72	1.84	.94	1.10	2.18	3.09	1.49	1.64	2.03	1.44	18.47
February	6.61	1.86	1.24	2.01	1.38	.19	2.37	2.28	.09	1.45	18.48
March	2.62	2.32	.54	1.73	.99	1.07	.89	1.24	1.52	1.68	14.60
April	2.55	1.11	2.31	.27	.33	1.19	.27	1.40	1.91	0.89	11.93
May	2.06	1.75	1.96	2.15	4.27	.49	1.21	2.06	.90	2.06	18.91
June	1.10	1.38	1.35	2.52	1.94	2.86	.96	4.44	.81	1.23	18.59
July	1.57	.67	3.54	2.94	.60	4.48	2.81	2.47	1.28	4.00	24.36
August	3.13	2.76	1.41	3.15	1.08	3.18	2.59	3.10	1.69	3.04	25.13
September	3.47	2.95	2.40	2.07	2.54	2.18	2.25	4.83	.05	4.57	27.31
October	.98	2.56	3.40	1.80	3.37	1.41	1.78	2.56	2.05	5.20	25.21
November	4.89	3.22	1.17	3.71	.33	.67	2.33	1.89	2.74	3.76	24.21
December	2.15	2.06	.46	1.19	1.72	2.46	2.03	2.80	3.25	2.22	20.44
TOTALS ...	33.55	23.48	20.72	24.64	20.73	23.07	20.98	30.71	18.32	31.44	247.64
	D	D	d	d	d	d	d	d	d	d	Q.B.

Incl 5/54. G. sound. Situated 6' from edge of reservoir with steep drop to SE. Gull shelter in other directions. G. to be moved back 16 yards. Rec. carried out 8.12.54.

(MS. H.A.Y. 1958. Q.B.) *Chart 40, 55 WSW. Nasalt char good.*

Informed 11.12.58 H.M.B. G. move to site selected.

Inspected 3.10.60 by 288875 alt of NE → ENE otherwise satisfactory

Position of Station on Ordnance One-Inch map : No. of Map 171 National Grid Reference S.1/352736

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge	
1952.			Horn Oak.	560	N.W.	St Augustines	750	N.N.E.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - rejected

Record D, or d	Capd. 1959	1910-19	1920-30	1931-40	1941-50	1951-60
		✓ ✓	✓ ✓	✓ ✓	✓ ✓	✓ ✓