

RAINFALL AT London Barrow Hill

May 1894

Lat.

Long.

County of Middlesex

Rain Gauge, by

Observer M.W. Horsey Esq. C.E.

LONDON 2/ Thames Left Bank

Diameter .....				5							
Height .....				3.4							
Altitude .....							190 ft				
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January .....				1.20	2.67	1.46	.68	1.73	.72	2.47	
February .....				2.74	1.63	.12	.26	2.55	1.00	1.88	
March .....				.24	1.21	1.26	3.09	3.09	.92	.39	
April .....				.19	1.76	1.24	.48	1.53	.91	2.27	
May .....				.91	1.68	.46	.15	1.14	2.14	1.23	
June .....				.69	1.80	.28	1.61	1.72	.91	1.68	
July .....				2.10	3.10	3.45	1.07	.57	1.09	1.31	
August .....				1.52	2.53	2.87	1.90	2.55	1.06	.69	
September .....				1.06	.99	1.15	4.91	2.75	.28	2.66	
October .....				3.76	4.20	2.82	2.69	.55	2.99	1.87	
November .....				1.86	2.70	2.98	1.10	.91	1.66	4.17	
December .....				2.07	2.09	2.00	3.40	2.00	2.40	.84	
TOTALS .....				18.52	26.36	20.09	21.34	21.09	16.08	21.46	

1894 St Stephen's Portland Town 200 yards W

N.B. Rejected from Survey as 1/2 low.

# RAINFALL AT London Barnet Hill N.W.

North of the Thames - 1903

Lat.

Long.

County of

Thames - 2.

Rain Gauge, by N.Y.C.  
Rain somewhat distorted  
Gauge. 01 = 01 .05 = .048 .02 = .095  
No. 2387

Observer M.W. Hervey Esq. C.R.

H. F. Rutter Esq. C.E.

Metropolitan Water Board

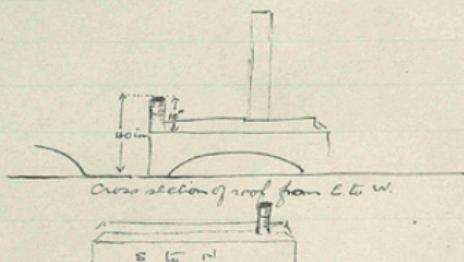
Diameter	5										
Height	3.4										
Altitude	190 ft						197				
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January	2.78	.42	.70	2.01	2.30	1.19	3.68	.83	1.69	.66	1.626
February	2.83	.92	.98	.80	2.38	.69	1.75	1.07	1.34	.27	1.303
March	.75	1.77	1.69	1.98	1.38	2.79	.98	.83	2.21	2.27	1.660
April	.94	1.91	.41	1.90	.98	1.63	.47	3.02	1.89	1.82	1.492
May	.82	.85	2.26	3.24	1.92	1.34	.99	1.63	1.74	1.80	1.659
June	2.04	1.47	3.80	5.99	.71	4.41	2.62	1.85	1.30	3.53	2.762
July	1.21	4.36	1.16	4.38	2.11	1.40	.40	1.97	3.61	3.40	2.400
August	2.32	1.59	3.72	3.72	1.69	2.30	.83	1.80	2.70	1.49	2.216
September	.78	1.34	.76	2.74	1.15	1.72	1.76	.62	1.18	2.49	1.454
October	1.70	1.98	1.40	5.34	1.41	1.42	2.98	2.56	1.96	3.85	2.460
November	1.74	.53	1.67	1.68	1.66	2.98	3.89	2.00	.68	.65	1.743
December	2.37	2.78	1.37	1.23	1.81	.70	1.84	3.60	1.47	2.42	1.959
TOTALS	20.28	19.92	19.42	34.96	19.45	22.57	22.14	21.78	21.77	24.65	22.691

5 5 m m m 5 5

1902 St Stephens Avenue R. 800 ft W

1906 St Johns Ch 1/2 Mile SW

Chalk Farm Station 1/2 - NE



+ Inspected H.R.M. 26.VII.06 g. on top of reservoir.

N.B. Rejected from Survey as 1/2 low.

## RAINFALL at Hampstead Barnet Hill Reservoir

County of London

Observer Metropolitan Water Board  
H. P. Rutherford, et.

4-7. Buttercup.

River Basin: Arkansas-Left Bank Tributary 2

Copper Snowdon Rain Gauges, by

Diameter ...	5									
Height .....	3.4									
Altitude ...	197									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January ...	1.37	1.17	3.46	2.29	.49	4.87				
February ...	2.45	1.19	1.43	.81	2.21	3.25				
March .....	.86	1.33	2.69	2.05	3.85	1.83				
April .....	1.26	1.49	.05	2.51	.70	1.14				
May .....	2.13	1.76	1.10	1.72	1.47	2.66				
June .....	2.38	2.40	3.00	.44	1.15	2.1				
July .....	2.59	1.33	1.24	1.86	1.25	4.76				
August .....	1.71	.55	4.87	1.28	1.18	2.53				
September ...	.52	1.37	1.81	1.60	.95	2.11				
October ...	1.80	2.91	1.97	2.98	1.15	2.87				
November ...	2.73	3.12	1.40	2.12	3.01	2.65				
December ...	3.15	3.80	2.57	.73	5.68	5.54				
TOTALS ...	22.95	22.42	25.49	20.39	23.09	32.22				

See New Jersey

N.B. Rejected from Survey as 1½ low

+ Inspected es. 2.7.13 { 9. Nailed on edge of stand pipe platform, insecurely fixed  
Stand pipe 20 ft high 15 ft SW. The whole on top of  
reservoir with sloping tanks. Rivets & nuts unfastened

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Chalk Farm		E	St Stephen		W

RAINFALL at Hampstead Parish HallCounty of LondonObserver Metropolitan Water Board

H. Rutterby, C.E.

River Basin Thames Left Bank Tributary 2Rain Gauge, by New gauge

Diameter ...						5					
Height .....						34				1. 0	
Altitude ...						197					
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...						4.07	1.30	1.29	2.74	3.14	
February ...						3.05	3.33	.96	1.05	2.55	
March .....						.83	4.55	1.63	1.07	3.71	
April .....						.81	1.14	1.26	2.19	3.42	3.58
May .....						1.64	3.66	2.03	2.32	2.05	.37
June.....						1.30	.71	2.18	5.98	1.07	1.53
July .....						1.40	4.16	1.43	4.50	4.97	1.92
August.....						1.38	2.53	5.54	3.79	1.50	2.50
September ..						1.07	2.11	1.57	1.99	5.68	1.39
October ...						1.30	2.07	3.18	3.26	1.25	.69
November..						3.51	2.35	4.53	1.85	2.23	1.33
December...						6.49	5.54	2.56	1.11	2.33	3.48
TOTALS ...						32.22	33.46	30.87	29.36	26.19	

N.B. Rejected from Survey as 1½" low.

Site selected by C.S. 2-XII-13.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Chalk Farm		F	St Stephen		W

RAINFALL at Hampstead Barrow Hill Res.County of London  
River Basin Thames 2Observer: Metropolitan Water BoardH. F. Rutter Esq. C.E.74, H. Franklin, 1921to December 1920

Cubanwood Rain Gauge, by Thomson  
 5-01 Good condition (22) 1100 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930  
 4-98 Blind in cement base (22) 1100 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930  
 5-02 Blind in cement base (22) 1100 1920 1921 1922 1923 1924 1925 1926 1927 1928 1929 1930

Cumulative measurements (22)

(22)

Glass correct (22)

Diameter ...	5"										
Height .....	10										
Altitude ...	195										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	2.41	2.57	2.65	1.27	2.58	1.91	2.65	1.84	3.86	1.04	2.45
February ...	1.54	2.21	2.01	2.89	1.67	2.88	2.94	3.24	1.64	1.65	1.94
March .....	1.35	1.17	1.68	2.27	1.71	1.72	1.25	2.52	1.41	1.00	1.62
April .....	3.25	1.23	3.09	1.40	3.02	1.70	3.18	2.27	1.16	1.58	1.78
May .....	1.75	1.06	1.90	2.30	3.06	1.65	2.17	1.40	2.30	1.66	2.80
June .....	1.46	1.32	1.19	1.53	2.70	1.12	3.45	3.01	2.65	1.22	2.70
July .....	3.91	2.21	3.98	2.88	4.35	3.25	2.11	3.29	2.10	1.85	2.14
August .....	1.67	1.61	2.30	1.79	2.84	2.48	1.55	3.97	2.33	1.90	3.05
September...	3.08	2.37	2.03	1.36	2.75	2.40	1.32	4.62	1.75	1.27	3.17
October.....	1.37	1.59	1.00	5.75	3.73	3.10	2.20	1.30	3.54	2.63	1.32
November...	1.15	1.90	1.53	1.43	2.57	1.65	4.66	2.73	2.14	5.68	4.28
December...	2.19	1.14	3.16	2.39	3.22	2.72	1.25	3.41	2.68	1.16	1.97
TOTALS...	23.13	14.38	25.52	26.26	32.20	24.58	26.73	33.60	26.59	22.29	28.22
	D	D	D	D	D	D	D	D	D	D	D

Inspected 28. VI. 22. Is. in fairly good condition but cannot be improved.  
 Poles 70ft. high wo. gr. S grass will be cut.  
 Walls 20ft. high 80 ft. W on S. side of reservoir lower than reservoir.  
 15 ft. 50ft. N 1930. Obs. taken in winter 9 a.m.  
 Small trees 20ft. 50ft. S summer 10.



Inspected 28. 10. 24 OK.

Inspected 28. 10. 26 satisfactory - grass quite short.

Inspected 20. 1. 21 grass at B.S.T. See green file.

NB. Rejected from Survey as 1/2" low.

Hydrograph alongside not working (E.C.C.) 21.22 working well 10.26.

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			Chalk Farm	4 fur	E	St. Stephens	1/2 mi	W
1926			St. John's Wood	1/4 mi	S.W.			
1930.			Chalk Farm	4 fur	E.	St. Stephens	2 fur	W.

## HAMPSTEAD

## RAINFALL at Barnes Hill Reservoir

County of London

Observer Met. Water Board

River Basin Thames Left Bank Tribs 2

Type of Gauge +A

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

Ref.

883893/28

Diameter	5	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	10											
Altitude	175											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	1.314	1.47	1.38	1.36	1.15	3.92	3.04	2.93	4.48	2.12		
February	1.944	27	1.63	1.22	2.05	1.57	4.27	70	0.95	1.83		
March	1.22	1.35	2.25	1.85	1.75	1.38	1.16	2.91	37	1.54	3.45	
April	3.95	2.39	1.09	1.98	1.44	2.93	1.39	2.48	32	2.92	2.03	
May	2.76	3.79	1.55	37	1.13	1.53	2.73	1.78	1.41	1.30		
June	1.52	14	1.78	1.18	1.11	3.39	3.71	2.04	43	1.25	.78	
July	3.06	1.59	1.58	1.12	1.70	3.28	1.62	1.33	2.50	3.84		
August	4.04	1.44	1.67	1.94	1.88	1.46	1.24	2.00	3.58	1.62		
September	2.71	2.45	2.90	2.52	3.12	3.40	2.52	2.58	1.81	1.18		
October	1.66	5.47	1.60	1.95	2.36	2.00	2.29	3.27	5.84			
November	1.96	1.30	1.95	1.79	3.90	3.21	1.42	3.25	4.77			
December	1.44	37	37	4.78	2.35	1.85	4.08	3.42	1.18			
TOTALS	24.93	22.03	17.75	20.00	25.64	26.48	29.64	22.38	32.23	19.41		Imp. n.p.
	D.											

Inspected 6/3/45:— Space round gauge is of concrete. There is some risk of weathering. The upper portion of pipe round gauge should be removed and run off 6 inches to 1 ft above ground. So measure satisfactory. Exposure unobstructed g. may catch rather less rain than the actual amount although sufficiently close to justify retention.

October 1940. Gauge destroyed by bombs.

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.			Chalc. Yarm	4 fm.	E.	St. Stephen	2 fm.	W.

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