

RAINFALL AT Hampstead Reservoir

Lat.

Long.

County of

Middlesex

Rain Gauge, by

Observer

T. Hackney C.E.

London & Thames Left Bank.

Diameter.....	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....						3.23	.89	5.04	2.16	1.74	
February.....						.94	1.86	1.92	1.64	3.72	
March.....						73	3.31	2.70	.96	1.50	
April.....						1.42	1.55	2.91	4.72	3.20	
May.....						1.53	.68	2.19	4.31	3.21	
June.....						2.13	1.35	.87	3.32	4.67	
July.....						4.76	.53	4.18	.87	4.24	
August.....						.88	2.73	3.46	6.44	4.82	
September.....						2.10	4.20	.82	.98	3.16	
October.....						3.54	1.10	2.28	1.99	.80	
November.....						3.26	3.72	5.36	3.40	.57	
December.....						30	6.68	2.26	1.43	.82	
TOTALS.....						24.82	28.60	33.99	32.22	32.45	

RAINFALL AT Kidderpore Reservoir Hampstead

Lat.

Lon.

County of Middlesex

Rain Gauge, by

Observer T Hack Esq, C.E.

Mr Henry E

LONDON BY Thames Left Bank.

Diameter	8										
Height	1.8	1.6									
Altitude	323 ft										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	3.4	1.48	1.36	2.37	2.16	1.66	3.27	.97	1.12	.97	1.565
February	2.16	3.26	1.21	3.44	1.52	3.00	.67	.56	.66	1.81	1.829
March	1.48	2.26	1.30	.60	1.23	1.63	1.09	1.31	3.73	1.43	1.506
April	2.46	1.62	3.33	1.56	1.08	2.45	1.00	1.36	2.21	2.82	1.889
May	1.34	1.16	1.23	1.81	1.07	2.39	5.08	1.63	1.25	4.48	2.044
June	3.89	1.65	2.51	2.26	2.84	3.35	1.00	.97	2.93	2.05	2.295
July	5.23	1.72	2.44	2.31	2.06	.23	2.87	1.35	5.13	3.01	2.635
August	3.74	2.0	1.49	1.38	.99	1.18	.88	2.18	3.65	1.87	1.819
September	4.83	2.05	2.78	3.79	1.77	4.72	1.91	2.27	1.71	1.77	2.710
October	5.91	3.04	5.0	1.71	1.08	4.09	2.67	1.54	1.38	4.20	3.123
November	2.02	2.68	2.32	2.98	1.97	3.44	2.62	3.65	4.78	.92	2.733
December	3.82	2.65	2.25	.76	2.99	1.16	4.40	1.86	1.20	1.29	2.188
TOTALS	30.35	26.67	27.83	24.97	20.76	29.30	27.46	19.65	29.75	26.62	26.336

1880. Hampstead 3 1/4 mile E
 Trees 25ft high 129 ft S.W.

RAINFALL AT Hampstead Ridgeway Reservoir

Lat.

Lon.

County of

Middlesex

Rain Gauge, by

Observer

M.W. Harvey Esq

LONDON S/ Thames Left Bank

Diameter	8										
Height	1.6										
Altitude	323 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.51	1.05	.56	1.82	3.21	1.81	.88	2.25	1.04	2.47	1.460
February	.96	.00	1.49	3.36	2.04	.19	.36	3.38	1.25	2.29	1.532
March	1.87	.56	1.09	.40	1.26	1.44	3.91	3.65	1.15	.49	1.582
April	1.76	1.34	1.16	.13	2.43	1.34	.45	2.21	1.10	2.71	1.463
May	1.39	2.81	1.63	1.11	1.57	.39	.19	1.41	2.76	1.47	1.473
June	3.06	1.13	3.15	.75	2.03	.39	1.61	2.06	1.47	2.42	1.807
July	5.00	3.81	1.72	1.95	3.16	4.15	1.16	.61	.70	1.62	2.388
August	1.36	4.91	3.46	1.35	3.00	3.61	2.18	2.51	1.16	.72	2.426
September	.92	1.03	2.33	1.17	1.45	1.49	6.49	3.32	.38	2.98	2.156
October	1.32	5.82	4.56	4.57	4.52	3.41	3.15	.77	3.72	2.62	3.446
November	1.66	2.28	3.56	2.44	2.87	3.66	1.28	1.22	2.14	5.15	2.626
December	.10	3.71	1.58	2.21	2.46	2.70	4.36	2.62	2.46	1.31	2.357
TOTALS	21.91	28.45	26.29	21.26	30.00	24.58	26.02	26.01	19.33	26.25	25.010

Gauge examined May 4th 1904 & found to be defective. From a comparison of the figures it would appear that gauge became unreliable about 1892.

Plots Lane
London, South of the Thames - 1903

RAINFALL AT Hampstead Heath Reservoir

Lat. Lon. County of Middlesex

Rain Gauge, by

Observer M. W. Harvey Esq. C.E.

Thames - 2.

47 Rotten Egg & 88
Metropolitan Water Board

Diameter ..	8					5					
Height	1 6					2.0					
Altitude ..	323 ft					323 ft					
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. MEANS.
January ..	3.59	.87	1.05	2.69	3.30	.85					
February ..	3.12	1.37	1.71	1.03	3.31	.96					
March89	1.87	1.91	2.80	2.11	3.05					
April	1.21	2.29	.49	2.96	1.19	1.92					
May	1.12	1.23	2.66	3.68	imp	1.27					
June	2.98	1.63	3.73	7.54	.92	4.36					
July	1.49	3.78	1.35	5.15	2.99	.68					
August	3.24	1.81	5.57	4.70	2.36	2.21					
September ..	.99	2.02	1.27	3.99	1.70	1.81					
October	2.13	2.88	2.72	7.13	1.88	1.55					
November ..	2.63	.69	3.57	2.22	2.14	3.26					
December ..	2.87	4.01	2.70	1.67	2.47	.79					
TOTALS ..	26.26	24.45	28.73	45.56		22.71					

imp'd
Rain Gauge

1903 This gauge was inspected by Dr. Mill 4/5/1904 & found to be defective. From a comparison of the figures it appears that the records from 1892 onwards are unreliable 5 or 6 inches to high.

RAINFALL AT Hampstead Heath & St. Pancras Platte [unclear]

Thomas	Lat.	Lon.	County of London North of the Thames	
Year	01.007 05.046 10.098	Rain Gauge, by N 43 500 allowed	Observer H. F. Rutherford Esq. C.H. Metropolitan Water Board	
Diameter ..		5 ✓		
Height ..		2 0	1.9 ✓ 1.0	2.0
Altitude ..		323 ft		
Year ...	1900	1901	1902	1903
January ..				
February ..				
March ..				
April ..				
May ..				
June ..				
July ..				
August ..				
September ..				
October ..				
November ..				
December ..				
TOTALS ..			22.71 24.92 22.83 22.71 26.57	

inches D M m m m

1906 Hampstead Church $\frac{3}{4}$ mile S E

Finchley R. Station 1 . S

Wall 12 ft high 80 ft S E

Houses 20 - 100 - N E

1908 St Lukes Church 200 yards N

Standpipes 16 ft high 37 ft E

+ Inspected 26.VII.06 H.R.M.

g. 20.5 miles above ground, in small circular rail

(8.5 cm diameter).

RAINFALL at Hampstead Reservoir

County of London

Observer: Metropolitan Water Board

H. F. Rutherford

River Basin Thames-Left Bank Tributary 2

Copper Snowdon Rain Gauge, by N.Y.

diam { 5.00
4.99
5.00
4.99 glass correct XII-13

Diameter ...	5									
Height	2.0			1.0						
Altitude ...	323	11		322						
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January	1.49	1.07	3.74	2.58	.57	3.17	.82	1.14	2.62	3.70 2.090
February	2.42	1.18	1.66	.72	1.91	2.54	3.05	.79	.85	2.60 1.772
March99	1.50	2.47	2.01	3.28	.66	3.69	1.35	.96	3.82 2.043
April	1.25	1.68	.02	2.56	.72	.77	.97	1.98	3.14	3.15 1.624
May	2.26	1.28	1.14	1.49	2.07	2.30	1.54	2.27	2.01	.39 1.675
June	2.23	2.14	3.20	.27	1.27	.55	2.17	2.97	.94	1.62 1.736
July	2.31	.77	1.32	2.49	1.41	4.90	1.04	3.11	5.03	2.13 2.451
August	2.12	.80	4.02	1.16	1.45	2.10	3.84	2.29	1.66	2.75 2.219
September52	1.50	1.74	1.67	.92	1.58	1.09	1.51	5.48	1.47 1.786
October	1.95	2.74	2.06	3.11	1.16	1.81	2.91	2.31	1.34	.66 2.005
November	3.02	3.11	1.38	2.07	2.70	1.94	3.50	1.40	2.14	(1.40)(2.266)
December	3.43	4.09	2.25	.84	5.36	4.30	2.00	1.07	2.62	(3.70)(2.966)
TOTALS ...	23.99	21.86	25.00	20.97	22.82	26.60	26.62	22.19	29.19	27.09 (246833)

1916 Sandpiper 16 ft high 37% E

1913 forage lowered to 1 ft on January 7.

1919 Gauge moved for repairs

1919 Nov. 22. est. VII-22

105.09

Inspected 28. 3. 1920. S. moved April 1st 20, 60 yds N to top of reservoir
slight shelter by trees etc. Best position available.

+ Inspected CS. 2 XII-13 Good open position on top of Res. ground fallaway 15'-20 ft down, 12 ft NE, there being a well at bottom (tilted) steering. Slight lake in sunken area.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Finchley Rd N.W. Ry	1 mile	S	St Lukes	200 yds	W

RAINFALL at Hampstead Heath Reservoir

County of London

Observer Metropolitan Water Board

H. F. Rutter Esq. C.S.

River Basin Thames

2

Copper Showdown Rain Gauge, by N & J.

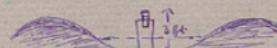
5.00
5.01
5.02measured under B.R.O. 4657
10.16
glass tested (2)

Diameter ...	5"										
Height	1.0										
Altitude ...	322					327.5'					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.
26.83	January ...	2.76	2.68	2.76	1.35	2.98	1.66	3.31	1.89	4.10	1.07
19.51	February62	.17	2.29	3.11	.62	3.20	3.13	3.46	1.60	.55
14.59	March	1.36	1.37	1.75	2.45	1.00	.64	.22	2.75	1.34	.00
24.40	April.....	3.17	1.46	2.99	1.66	3.06	2.02	3.37	2.24	1.69	1.27
20.89	May	1.46	1.08	.76	1.87	3.84	2.10	2.15	1.33	2.17	1.67
18.37	June	1.45	.27	1.18	.50	2.77	.12	3.43	2.76	2.98	1.81
31.60	July	4.33	.17	2.58	2.87	6.13	3.82	2.11	3.53	2.13	2.73
24.49	August	1.81	2.20	2.46	1.79	2.57	2.19	.88	4.13	2.07	1.71
24.34	September...	3.08	2.58	1.88	1.42	2.42	2.39	1.36	4.73	.81	.86
28.35	October.....	1.47	.64	1.22	5.48	4.23	2.91	1.41	1.38	4.64	2.64
30.69	November...	1.42	1.90	1.52	1.49	2.69	2.02	5.22	2.99	2.44	5.44
25.98	December...	2.45	1.18	2.60	2.23	3.40	2.67	.55	2.57	2.46	3.86
29.04	TOTALS...	25.28	15.70	23.99	26.22	35.71	25.44	28.14	33.16	28.49	22.81
		①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩

Standpipes 16' high 37 ft E

Inspected 9.9.3.5.20 Gauge moved April 11th 20. 60 yds N to top of reservoir

inspected 28.6.22. Site not ideal but impossible to improve it, probably some site but records should be watched.



Inspected 28.6.22. OK. As leaves onto concrete exposed, causing condensation which was collected in bottle. Inspected 28.10.22. access faulty. Records compare well with Bolder Hill.

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			Finchley Rd	1 mi	S.	St. Lukes	200 yds	W.

HAMPSTEAD
RAINFALL at Kidderpore Reservoir

County of London..... Observer Met. Water Board

River Basin Thames Left Bank Tribs 2

Type of Gauge Kao 1' too low.

Annual Average 25.1 in. based on 51 years obs. un-weighted. Period of average 1881-1945 Ref. S.

883893/28

Diameter	5											Sum Means
Height	10											
Altitude	328											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	1.21	1.78	1.61	1.47	1.00	4.19	3.88	2.92	4.62	2.40	25.08	
February	1.34	.09	1.66	1.20	2.31	1.52	4.39	.52	0.71	1.52	14.26	
March	.15	1.29	2.14	2.22	.30	1.04	2.99	.37	1.32	2.77	14.59	
April	3.74	2.09	1.38	2.07	3.12	1.61	2.87	.15	2.81	1.84	21.41	
May	2.29	4.45	1.52	.57	1.04	.51	2.90	1.84	1.46	1.43	18.01	
June	1.57	.74	1.82	.92	3.12	3.96	2.13	.48	1.31	.69	16.74	
July	2.66	2.08	1.25	.88	.76	3.16	.48	1.30	2.24	2.57	17.38	
August	5.14	1.05	.64	2.28	2.11	.42	2.27	1.62	3.33	.06	18.82	
September	2.44	1.96	2.82	2.20	3.59	3.34	1.21	1.89	1.11	.85	21.41	
October	.61	5.13	1.21	1.04	2.28	1.88	2.61	2.75	5.21	3.08	25.80	
November	2.11	1.17	1.05	2.07	4.24	3.23	1.51	3.07	5.36	6.96	30.77	
December	.86	.53	.40	5.32	2.70	1.67	3.67	3.92	1.18	1.42	21.67	
TOTALS	24.15	22.36	17.50	21.24	26.57	26.53	30.61	20.73	30.66	25.59	245.94	KM 460

Inspected by J.S. - gauge sound & correct. Exposure unshaded but catch is sufficiently correct for reference.

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

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

Station No. 41

RAINFALL at HAMPSTEAD, Kildare Reservoir.

41

County of London

Observer Met. Water Board

River Basin Thame & D. B. Tributaries 2

Type of Gauge

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

File No.

Diameter	5			246	695 905						
Height	1	0			1						
Altitude	328				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS Means
January	2.61	1.95	4.83	1.75	2.00	1.65	1.82	4.31	.91	.83	22.616
February	2.42	1.03	1.30	.90	1.78	2.81	1.79	1.44	1.05	3.72	18.24
March	2.44	1.67	.36	.18	1.74	1.38	5.58	.68	.94	.73	14.70
April	1.81	1.11	1.18	1.44	1.09	1.85	1.87	1.93	1.59	2.44	16.31
May	1.93	2.69	1.77	.55	2.96	2.97	.93	3.76	2.06	1.81	21.43
June	2.62	.39	1.30	1.83	2.09	3.25	2.47	2.61	.57	1.35	18.58
July	4.92	1.69	1.86	1.59	3.27	2.93	1.81	1.16	1.09	3.90	24.42
August	5.68	1.83	1.57	2.75	1.24	4.00	.20	2.91	1.71	1.96	23.85
September	.53	1.32	2.49	2.75	1.40	4.33	1.42	1.26	.35	2.68	18.48
October	.80	3.54	2.64	3.23	2.27	2.04	.19	1.92	5.42	.43	22.51
November	2.65	2.08	1.76	3.87	.21	4.30	1.02	1.85	2.63	4.77	25.14
December	2.30	2.73	1.43	1.34	3.02	2.10	2.12	2.50	1.61	2.06	21.21
TOTALS	30.71	22.26	22.49	22.28	22.07	33.61	21.22	26.33	19.93	26.63	247.53

Inspected Mr. Hancock 30.10.49. Site open to conference.

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

Reference No. 10252859

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge

BRITISH RAINFALL ORGANIZATION

Station No. 41

RAINFALL at HAMPSTEAD

Kingsgate Res.

County of London

Observer Mr. Water Board

River Basin Thames/Bath Trib. 2.

Type of Gauge.

Annual Average 2.1 in. based on years obs. un-weighted. Period of average Ref.

File No. E.3460/46

51

Diameter in.	5		246	695 965							
Height ft. m.	10			1							
Altitude ft.	328			51							
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.08	1.72	.64								
February ...	5.20	1.97	1.64								
March ...	3.38	2.58	.40								
April ...	2.99	1.33	2.83								
May ...	2.40	1.85	1.70								
June ...	1.15	1.39	1.77								
July ...	1.25	.61	4.64	#							
August ...	4.28	2.88									
September ...	3.32	3.31									
October ...	1.02	3.06									
November ...	5.53	4.10									
December ...	1.59	2.50									
TOTALS ...	35.19	26.30									
	D	D									

1953 Station terminated. Gauge taken out of use as from 1/5.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ 253859

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓ low rd 23.28 27.28	✓	✓	✓