

RAINFALL at Hampstead Observatory

County of London

Observer E. L. Hawke Esq

River Basin Thames - Left Bank Tributary

M. O. Standard Rain Gauge, by Hels

Diameter ...	8											
Height	10											
Altitude ...	451 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.57	1.27	4.08	2.75	.57	4.25	1.42	1.25	2.80	3.54	2.350	9.01
February ...	2.67	1.43	1.79	.80	2.49	3.47	4.03	1.06	1.09	2.40	2.123	858
March	1.05	1.64	3.19	2.37	4.40	.90	4.58	1.50	.97	3.59	2.419	10.64
April	1.39	1.78	.09	2.92	.90	1.22	1.47	2.43	3.10	3.84	1.914	10.84
May	2.14	1.32	1.18	1.78	2.07	3.71	2.00	3.00	1.96	.36	1.952	7.32
June	2.11	2.19	3.64	41	1.43	.71	2.59	3.87	1.02	1.58	1.955	9.06
July	2.44	.76	1.72	2.54	1.82	5.96	1.25	4.40	4.89	2.05	2.783	2.59
August	1.75	.78	4.66	1.36	1.72	2.89	4.43	4.33	1.50	2.54	2.616	12.80
September ..	.55	1.49	2.08	1.77	1.01	2.15	1.36	2.18	6.17	1.55	2.031	11.26
October ...	2.17	3.15	2.17	3.23	1.28	2.26	3.67	3.44	1.23	.66	2.326	9.00
November ..	3.16	3.62	1.69	2.53	3.32	2.38	5.01	1.84	2.16	1.38	2.709	10.89
December ...	3.60	4.55	2.78	.83	6.92	6.00	2.54	.88	2.41	3.63	3.418	9.50
TOTALS ...	24.80	23.98	29.07	23.29	27.93	35.90	34.39	30.18	29.30	27.12	28.596	

1910 Rainfall 59" high 12.9" all round
Observe dome 12" " 20" "

120.99

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.34	0.11. W	Hampstead Tube	400 yds	SE	Christchurch	300 yds	SE

RAINFALL at Hampstead Observatory

County of London

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River Basin Thames 2

N.G. Standard Rain Gauge, by Hicks

Diameter ...	8	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<u>1930</u>	Mean
Height	1 0												
Altitude ...	450												
Year		1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
27.04	January ...	2.43	2.59	2.84	1.37	3.14	1.71	3.07	2.03	4.20	1.21	2.45	2.46
21.05	February53	.21	2.30	3.32	.69	3.01	3.52	3.91	1.84	.72	1.00	1.91
15.43	March	1.34	1.31	1.80	2.52	.91	.71	.24	2.94	1.82	.11	1.73	1.40
25.13	April	3.31	1.34	2.96	1.78	3.13	1.89	3.69	2.44	1.31	1.32	1.96	2.29
22.17	May	1.32	1.12	.68	1.99	3.75	1.99	3.09	1.51	2.39	1.65	2.68	2.08
19.42	June	1.54	.33	1.19	.41	2.95	.12	3.85	2.85	2.98	1.85	1.65	1.86
36.68	July	4.34	(2.20)	3.25	3.67	7.60	4.02	2.39	3.80	2.45	3.22	1.74	3.34
26.28	August	1.79	1.84	2.58	2.20	2.55	2.14	1.35	4.48	2.41	1.90	2.74	2.39
26.45	September...	3.18	2.61	2.24	1.49	2.76	2.72	1.12	5.42	.91	.83	3.67	2.40
30.80	October.....	1.66	.66	.90	5.91	4.60	3.03	2.63	1.79	5.26	2.99	1.47	2.80
31.74	November...	1.23	2.03	1.26	1.60	1.56	2.62	1.84	5.73	2.78	2.55	6.00	4.57
30.08	December...	2.30	1.24	2.82	2.70	3.74	2.77	.42	4.61	2.62	4.83	2.33	2.74
312.27	TOTALS...	24.97	(2.71)	25.16	28.82	38.44	25.95	31.10	38.56	31.04	25.53	27.99	28.39
		2 d. imp	D	D	D	D	D	D	D	D	D	D	

1920. Railings 5 ft high 12 ft all round

Observe dome 12 ft high 20 ft N.

1921. July estd.

15.50
 14.71
 17.9

20
 126
 177

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
1920	51° 34'	0° 11' W	Hampstead Tube 1450yds SE			Christchurch	300yds SE	

HAMPSTEAD
RAINFALL at Observatory

M.W.R.

County of London

Observer E. L. Hawke Esq.

River Basin Thames Left Banktribs 2

Hampstead Scientific Society
E. L. Hawke (F.G.S., M.A.)

Type of Gauge

+ A

Annual Average 26.3 in. based on 23 years obs. unweighted. Period of average 1881 - 1915 Ref. 5
 This value falls below half but is not used in calc. since no values 1926 and 1936-38 are

Diameter	8	Height	10	Altitude	450	Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	SUMS Mean
January	1.56	1.77	1.84	1.56	1.31	4.61	3.91	2.98	4.77	2.76	2.70	2.70	2.70	2.70	2.70	2.70	27.07
February	2.00	0.23	1.71	0.31	2.37	1.64	4.36	1.53	1.83	2.10	1.68	1.68	1.68	1.68	1.68	1.68	16.08
March	1.22	1.39	2.38	2.37	1.37	1.16	2.95	1.38	1.43	3.20	1.585	1.585	1.585	1.585	1.585	1.585	15.85
April	3.93	2.35	1.32	2.19	3.22	1.38	2.74	1.15	2.90	2.53	22.71	22.71	22.71	22.71	22.71	22.71	22.71
May	2.74	4.08	1.99	0.62	1.17	0.50	2.93	1.87	1.49	1.40	18.79	18.79	18.79	18.79	18.79	18.79	18.79
June	1.78	0.81	1.74	0.77	3.30	3.76	2.49	1.51	1.25	.93	17.34	17.34	17.34	17.34	17.34	17.34	17.34
July	3.01	2.14	1.40	0.99	87	3.84	1.68	1.31	2.23	2.78	19.25	19.25	19.25	19.25	19.25	19.25	19.25
August	5.10	2.30	.67	2.30	2.07	0.46	2.67	2.12	3.50	1.10	21.29	21.29	21.29	21.29	21.29	21.29	21.29
September	2.64	2.22	2.68	2.25	3.55	3.33	1.76	2.09	1.30	1.04	22.86	22.86	22.86	22.86	22.86	22.86	22.86
October	1.78	5.39	1.44	1.09	2.52	1.89	2.65	3.07	5.89	2.99	27.71	27.71	27.71	27.71	27.71	27.71	27.71
November	2.26	1.46	1.05	2.08	4.36	3.02	1.84	3.17	4.93	6.60	30.47	30.47	30.47	30.47	30.47	30.47	30.47
December	1.06	0.57	.39	5.54	2.93	2.04	3.72	4.13	1.24	1.37	22.99	22.99	22.99	22.99	22.99	22.99	22.99
TOTALS	27.08	24.71	18.61	22.07	28.04	27.63	32.40	22.31	31.76	27.80	262.41	262.41	262.41	262.41	262.41	262.41	262.41

Ingested & Drifts past I-38 Gauge on reservoir and converted over exposed to Small
1940. Sta. T. for duration.

42
100
UB

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

Station No. M.W.R. 42

RAINFALL at HAMPSTEAD

Observatory

41

County of London

Observer Hampstead Scientific Society
(El. Hawke, Esq., M.A.)

River Basin Thames left Bank trib 2

+A.

Type of Gauge.

Annual Average 21.3 in. based on 23 years obs. un-weighted. Period of average 1881-1945 Ref. S

This value fits Survey map but is not used in BR File No. since values 1891 and 1926-27 are too big.

Diameter	8		246	690							
Height	10			3							
Altitude	450			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	SUMS Means
January	3.00	2.63	4.72	1.72	1.97	1.66	1.91	4.14	.95	1.23	23.93
February	2.37	.96	1.34	.86	1.51	2.71	1.44	1.46	1.02	3.64	17.31
March	3.00	1.87	1.34	1.14	.67	1.32	5.29	.74	.95	1.74	15.06
April	1.75	1.00	1.14	1.48	1.01	1.69	2.01	1.53	1.67	2.29	15.57
May	1.80	2.55	1.79	.64	2.97	3.14	1.09	3.55	2.17	1.86	21.56
June	3.20	.34	1.27	1.77	1.94	3.35	2.72	2.32	.60	1.41	18.92
July	4.61	1.80	1.73	1.67	3.17	2.81	1.96	1.19	.99	4.09	24.02
August	5.61	1.91	1.34	2.47	1.17	4.10	.21	3.09	1.80	2.20	23.90
September	.61	1.18	2.24	2.70	1.41	4.01	1.45	1.48	.37	2.96	18.41
October	.78	3.66	2.41	3.45	2.38	1.94	.19	1.85	5.56	.53	22.75
November	2.51	2.08	1.73	4.00	.19	4.32	1.15	1.93	2.62	4.93	25.46
December	2.12	2.48	1.36	1.37	3.14	2.79	2.50	2.62	1.64	1.75	21.77
TOTALS	31.36	22.46	21.41	22.27	21.53	33.84	21.92	25.90	20.34	27.63	248.66

Inspired by Mr Zealley 13-12-48. Gauge back in delivery tube reported (Not likely to have affected reading).
24/4/50 Shop. by Mr Zealley. Delivery tube split. (No likelihood of loss of rain). 90

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. 42

51

RAINFALL at HAMPSTEAD Observatory

County of London

Observer Hampstead Soc. Society

unofficial

River Basin Thames & Branches. S.

Type of Gauge M.O. (+ A.)

Annual Average 26.3 in. based on 93 years obs. unweighted. Period of average 1881-1915 Ref. S
 This value fits Smead's map but is not used in BR since % values 1924 and 1936-38 are too big. Second pair recent years adopted 1946-52 File No. E 14627/52

Diameter	26.98 in based on 35 years	1916-1950	5 in May.	246690							
Height	8"	246690	5"								
Altitude	1' 0"	3		1							
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.93	1.69	.89	1.07	2.23	4.02	1.46	2.44	2.12	2.05	21.23
February	4.89	.75	1.49	2.16	1.61	.44	3.14	2.58	.13	2.68	19.87
March	3.44	3.03	.39	2.33	1.19	1.03	1.27	1.27	2.15	1.83	17.93
April	2.81	1.31	2.70	.29	.44	1.22	.25	1.75	2.52	0.66	13.92
May	2.40	1.89	1.65	1.87	4.42	.42	1.29	2.72	.74	2.02	19.42
June	1.12	1.32	1.78	3.29	2.30	2.72	1.68	4.68	1.40	1.65	21.94
July	1.20	.65	4.56	2.97	.23	5.34	3.85	2.38	1.44	3.37	25.97
August	4.53	2.72	2.17	3.90	1.00	4.85	2.13	4.22	1.54	2.59	29.65
September	3.13	3.29	1.87	1.99	1.82	2.41	2.69	4.42	.09	5.03	26.74
October	1.07	3.00	3.04	2.05	3.15	2.83	2.00	2.69	2.01	6.12	27.96
November	5.59	3.81	1.03	3.52	.82	.50	2.59	2.30	2.36	4.71	27.23
December	1.57	2.38	.71	1.81	2.31	3.13	1.98	3.12	3.61	2.53	23.15
TOTALS	30.68	25.84	22.26	27.25	21.119	28.91	24.33	34.90	20.11	35.24	275.01

hrs. 29.10.57. G. ground. 0/s 16 north 0/e SW-W.

Incl. 10.57. FINNATIN 30.7.58 - Southwark

DT

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ(5)262863

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	
	✓	✓ but d'24	✓	✓	✓