

RAINFALL at Hampstead ObservatoryCounty of LondonObserver E. L. Hawke EsqRiver Basin Thames - Left Bank Tributary 2M.O. Inverdon Rain Gauge, by Hicks

Diameter ...	8												
Height	10												
Altitude ...	451 ft												
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	1916-1919 SUMS	
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	8.58	
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	12.59	
August	1.95	.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	10.39	
December ...	3.60	4.55	2.78	.83	6.92	6.00	2.58	.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	120.99	

1910 Rainfall 5.91 high 12.91 all round
 Obv Dome 12" - 20" N

120.99

+ Inspected

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.34	0.11 W	Hampstead Tube	450 yds	SE	Christchurch	300 yds	SE

RAINFALL at Hampstead ObservatoryCounty of LondonObserver E. L. Hawke Esq.River Basin Thames 2M. G. Snowden Rain Gauge, by Hicks

Diameter ...	8											
Height	1 0											
Altitude ...	450											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Means
7.04 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	2.70	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	1.65	1.65	1.76
36.68 July	4.34	(.25)	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	.33	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 1.28	1.60	1.56	2.62	1.84	5.73	2.78	2.55	6.00	4.57	2.87
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	15.50 (12.71)	25.16	28.82	38.44	25.95	31.10	38.56	31.04	25.53	27.99	28.37
	D	2. imp	D	D	D	D	D	D	D	D	D	D

1920. Raining 5 ft high 12 ft all round

Obsy done 12 ft high 20 ft N.

1921. July estd.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1920	51° 34'	0° 11' W	Hampstead Tube 450 yds		SE	Christchurch	300 yds	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
Type of Gauge + A E. L. Hawke (Esq. M.A.)

Annual Average 26.3 in. based on 23 years obs. ~~un~~ weighted. Period of average 1891-1915 Ref. 5
This value fits survey map but is not used in R.R. since no values 1924 and 1926-28 are

Diameter	8											
Height	10											
Altitude	450											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Sums	Months
January	1.56	1.77	1.84	1.56	1.31	4.61	3.91	2.98	4.77	2.76	27.07	
February	2.00	0.23	1.71	0.31	2.37	1.64	4.06	.53	.83	2.10	16.08	
March	.22	1.39	2.38	2.37	.37	1.16	2.95	3.3	1.43	3.20	15.85	
April	3.93	2.35	1.32	2.19	3.22	1.38	2.74	.15	2.90	2.53	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	
June	1.78	0.81	1.74	0.77	3.30	3.76	2.49	.51	1.25	.93	17.34	
July	3.01	2.14	1.40	0.99	.87	3.84	.68	1.31	2.23	2.78	19.25	
August	5.10	2.30	.67	2.30	2.07	0.46	2.67	2.12	3.50	.10	21.29	
September	2.64	2.22	2.68	2.25	3.35	3.33	1.76	2.09	1.30	1.04	22.86	
October	.78	5.39	1.44	1.09	2.52	1.89	2.65	3.07	5.89	2.99	27.71	
November	2.26	1.46	1.05	2.08	4.36	3.02	1.54	3.17	4.93	6.60	30.47	
December	1.06	0.57	.39	5.54	2.93	2.04	3.72	4.13	1.24	1.37	22.99	
TOTALS	24.08	24.71	18.61	22.07	28.04	27.63	32.40	22.31	31.76	27.80	262.41	

Inspected & replaced by E-38 Gauge on reservoir and converted over to Smith 1940. Stn T. for duration 410
013

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	Direction from gauge

Station No. M.W.R. 42

RAINFALL at HAMPSTEAD Observatory ✓

41

County of London Observer Hampstead Scientific SocietyRiver Basin Thames left Bank tribs 2

(E.L. Hawke, Esq. M.A.)

Type of Gauge.....

+A.

Annual Average 24.3 in. based on 23 years obs. in-weighted. Period of average 1881-1915 Ref. S

This value fits Survey map but is not used in BR File No.

since 1916 values 1934 and 1935-37 are too high

Diameter	8			246	690						
Height	10				3						
Altitude	450				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	S.M.S. 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	.34	.14	.67	1.32	5.29	.74	.95	.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

Inspected by Mr. Zentley 13.12.48. Slight leak in delivery tube repaired (Now likely to have affected readings)
 24/4/50 Insp. by Mr. Zentley. Delivery tube split. (No likelihood of loss of rain). 50

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. 42

RAINFALL at HAMSTEAD Observatory

51

County of LondonObserver Hampstead Soc. Society
(P. H. Hawker, Secy, M.A.)River Basin Thames & Bank Trls. 2.Type of Gauge M.O. (A.)

Annual Average 26.3 in. based on 23 years obs. un-weighted. Period of average 1891-1915 Ref. S
 This value fits Smokey map but is not used in BR. since %
 values 1924 and 1926-28 are too big. Remark that recent years average 1924-28

File No. E. 1462/52

26.98 in based on 25 years 1916-1950 5" W.S.P. 246690												
Diameter	...	8"		246	690		5"			246690		
Height	...	1' 0"			3					1		
Altitude	...	450'			51					51		
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	2.77	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	21.49	28.91	24.33	34.90	20.11	35.24	275.01
		D	D	D	D	D	D	D	D	D	D	

hs. 29.10.57. G. wind. o/s 16 north o/e SW-W.

12.5, W. F. WATSON 30.7.58 - Southampton

91.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 10(51)262463

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
722 1910.	✓	✓	✓	✓	
	✓	✓ but d '21	✓	✓	