

RAINFALL AT

Chelsea Pipri fordens

Lat.

Lon.

County of London North of the Thames

Rain Gauge, by

Observer. H. Hales Esq

Name - 2.

Diameter ..					5							
Height					1 0							
Altitude ..					...	20						
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..					2.15	1.14	3.40	.72	1.50	.78		
February .					2.38	.70	1.59	1.13	1.27	.44		
March					1.48	3.32	.92	.92	2.27	2.82		
April					1.18	1.56	.69	2.91	2.16	1.84		
May					2.12	.89	1.16	1.61	1.65	1.58		
June .....					.88	4.76	2.94	2.79	1.61	3.45		
July					1.81	1.07	.70	1.13	3.13	3.29		
August					1.67	3.06	.90	1.72	2.60	1.49		
September..					1.00	1.59	1.47	.66	1.18	2.22		
October....					1.60	1.03	2.94	2.50	2.26	3.91		
November..					1.70	3.08	3.61	1.88	.53	.69		
December ..					1.87	.65	2.03	3.09	1.84	2.23		
TOTALS ..					19.84	22.85	22.35	21.04	22.00	24.74		

10 5 5 5 5 5

1904 Christchurch 100 yards N

Sloane Sq Station NE

Laboratory & Home 40 ft high 80 ft N

RAINFALL at Chelsea Physic gardensCounty of LondonObserver W Hales EsqRiver Basin Thames - Left Bank Tributary 2

Rain Gauge, by _____

Diameter ...	5											
Height	1.0											
Altitude ...	20											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	1916-19 SUMS
January ...	1.56	1.20	3.22	2.37	.45	3.82	1.03	1.11	2.65	2.45	1.986	7.24
February ...	2.47	1.37	1.48	.82	2.27	3.25	2.79	.76	.81	1.89	1.791	6.25
March .....	.87	1.44	2.59	2.37	3.88	.66	3.66	1.65	.96	3.00	2.108	9.27
April	1.40	1.44	.07	2.49	.78	1.26	1.14	1.81	2.95	2.60	1.594	8.50
May	2.05	1.15	1.14	1.30	1.66	2.70	1.69	2.21	1.86	.26	1.602	6.02
June	2.27	2.19	3.24	.37	1.61	.90	1.56	2.42	.94	1.51	1.701	6.43
July	2.81	.94	1.13	2.41	1.47	3.84	1.04	3.90	7.17	2.83	2.754	44.94
August	2.32	1.00	4.55	1.48	1.61	2.53	5.01	3.63	1.30	1.90	2.533	11.84
September ..	.54	1.30	2.03	1.80	.79	1.82	1.54	2.20	5.20	.97	1.819	9.91
October ...	2.26	2.84	2.07	3.10	1.06	2.05	3.00	2.99	1.22	.60	2.119	7.81
November ..	3.02	3.22	1.55	2.64	3.20	2.08	3.99	1.51	2.17	1.03	2.441	8.70
December ...	2.97	4.18	2.81	.91	5.92	5.05	2.12	.97	1.94	2.65	2.952	7.68
TOTALS ...	24.54	22.27	25.88	22.06	24.70	29.96	28.57	25.16	29.17	21.69	25.400	

104.59

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1904			Stamns Sq	1 mile	NE	Christ Church	100 yds	N

RAINFALL at Chelsea Physic GardensCounty of LondonObserver W. Hale EsqRiver Basin Thames 2

5 in. B. A. Rain Gauge, by
 slight leak in funnel to be repaired
 glass .005 too low from .04 to .50 (obs well read top of minuscule inflection)

Diameter ...	5													
Height	1.0													
Altitude ...	20													
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930 1930			
Totals														
22.21	January ...	2.06	1.74	2.28	1.07	2.60	1.59	2.43	1.70	3.32	.84	2.58	2.07	
17.59	February ...	.53	.22	2.35	2.57	.44	2.93	2.79	3.29	1.44	.46	.57	1.60	
13.09	March .....	.87	1.06	1.54	2.12	.74	.76	.22	2.48	1.42	.00	1.58	1.19	
20.73	April	2.69	1.24	2.70	1.33	3.05	1.69	2.43	1.90	1.26	1.07	1.37	1.89	
19.89	May .....	.70	1.17	.91	2.16	2.85	1.92	1.87	1.39	2.39	1.21	3.32	1.81	
16.86	June	1.76	.23	1.11	.29	2.34	.10	3.47	2.96	2.28	.99	1.33	1.53	
26.93	July	3.71	.12	3.42	2.86	2.79	3.90	1.76	2.97	2.22	1.89	1.79	2.45	
22.83	August	1.87	1.14	1.80	1.44	2.25	2.50	1.52	3.46	2.65	1.75	2.45	2.05	
21.94	September...	3.39	1.80	1.79	1.04	2.63	1.62	1.19	4.38	.78	.17	3.20	1.99	
24.79	October .....	.79	.88	.82	5.03	3.88	2.54	2.31	1.35	3.51	2.72	.96	2.15	
28.28	November...	1.03	1.96	1.23	1.37	2.38	1.57	5.35	2.53	1.82	5.16	3.88	2.57	
25.22	December...	1.71	1.03	2.89	1.98	3.48	2.42	.28	3.35	2.33	4.07	1.68	2.29	
60.36	TOTALS...	21.11	12.59	22.84	23.26	29.43	23.54	25.62	31.76	25.64	19.83	24.71	23.67	
		D	D	D	D	D	D	D	D	D	D	D	D	

inspected 11. XII. 24. G. in slightly over-sheltered position. The branches of the offending tree will be removed. (angle now about 50° to N.E. line 15 yds from house).

1930. G. read 9 a.m. in Wind.
 10 Summer.

Position of Station on reduced Ordnance Survey } 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
1920			Slane Sq	1 mi	NE	Christ Church	100 yds	N

CHELSEA
RAINFALL at Physic GardenCounty of London

Observer

G. W. Robinson (5/37)
W. Hays Esq.River Basin Thames Left Bank tribs 2Type of Gauge NO. 2

23.4

8

Annual Average 23.4 in. based on 8 years obs. un-weighted. Period of average 1881-1915 Ref. 3

no file

Diameter	5										
Height	10										
Altitude	20										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	3 mths Means
January	1.11	1.38	1.10	1.23	.97	3.83	2.61	2.44	4.75	2.05	22.47
February	1.44	.18	2.05	.24	1.79	1.41	4.11	.43	1.59	1.22	14.46
March	.18	1.35	2.25	1.89	.34	1.07	3.02	.29	1.13	3.65	15.17
April	3.44	2.51	.69	1.78	2.71	1.42	2.16	.07	2.03	2.12	19.26
May	2.65	4.26	1.59	.44	1.22	.47	2.46	1.28	1.72	1.30	17.39
June	2.11	.79	2.10	1.03	3.61	3.02	1.73	.37	1.25	.54	16.55
July	3.09	3.32	1.54	1.62	.76	2.78	.30	.67	2.21	3.34	19.83
August	4.18	1.72	.60	1.69	2.05	.42	.82	2.37	2.76	.06	16.67
September	2.49	2.04	3.42	1.40	2.76	2.46	1.45	1.71	1.67	1.31	20.71
October	.65	5.44	1.28	.87	2.31	1.44	1.74	2.23	5.20	2.17	23.33
November	2.24	1.13	.85	1.83	3.80	3.07	1.21	2.88	4.51	6.75	28.27
December	.71	.45	.35	4.39	2.38	1.83	3.95	2.81	.99	1.15	19.01
TOTALS	24.62	24.57	17.52	18.41	24.70	23.22	26.76	17.55	29.81	25.66	233.12

* Gauge moved 2/10/37 20ft. 5 - Continuous record

1937. Since 20 ft. with 35 ft. N.
" 20 " " 25 " E.
" 45 " " 45 " S.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
1932.			Stane Square			Chelsea, Christ Ch.		

Station No. 30.

RAINFALL at CHELSEA Physic Garden

41

County of London

Observer

J. S. Boon

(1942)

River Basin Thames, Left Bank, Tribes 2.

Type of Gauge No. 0.

Annual Average 23.4 in. based on 9 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. 5.

File No. E 439/43

Diameter	5	8	246	356	8"						
Height	1	0		1							
Altitude	20			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Sums Means
January	2.87	2.31	4.57	1.42	1.48	1.39	1.26	2.81	1.03	.95	20.19
February	1.83	.78	1.31	.64	1.08	2.30	1.31	1.13	.82	2.92	14.02
March	3.49	2.28	.30	.06	.91	1.08	4.78	.56	.83	.61	14.90
April	1.53	.85	.92	1.11	.93	1.82	1.53	1.06	1.57	2.29	13.61
May	1.77	2.30	1.85	.62	2.33	3.13	1.40	2.11	1.92	1.55	18.98
June	1.90	.98	1.75	1.58	1.66	2.67	2.60	2.15	.60	1.49	17.38
July	4.91	1.59	1.17	1.68	2.85	1.30	2.38	1.11	.91	3.39	21.29
August	5.28	1.78	1.21	2.57	1.17	3.79	.16	2.45	1.16	1.81	21.38
September	.50	1.21	1.67	2.70	1.27	3.18	1.29	1.06	.60	2.28	15.76
October	.64	3.84	2.53	2.70	1.99	1.21	.12	2.11	5.14	.36	20.64
November	2.35	2.02	1.24	3.57	.12	2.83	.99	1.52	2.17	4.70	21.51
December	1.65	2.26	1.39	.95	2.06	1.98	2.13	2.58	1.38	1.58	17.96
TOTALS	28.72	22.20	20.01	19.60	17.85	26.68	19.95	20.65	18.13	23.93	217.72

441 Trees 30' high 35' N. Tree 45' high 45' S. Tree 20' high 25' E.

1945 Cor. for a/c 17.10.53 J.S.B.

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.
1941			Sloane Square	1/2 m	N	Chelsea	200'	W

BRITISH RAINFALL ORGANIZATION

Station No. 30

RAINFALL at

Chelsea

Physic Garden

51

County of

London

Observer

G. S. R. R. R.

River Basin

Thames left bank Trib. 2.

Gauger (1951)

Type of Gauge

M.O.

Annual Average 23.4 in. based on 35 years obs. un-weighted.

Period of average 1881-1915

Ref. S

23.31 " " " 35 " 1916-1950

File No.

E 429/13

Diameter ...	5"			246	356						
Height ...	1' 2"				1						
Altitude ...	20'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.61	1.65	.90	.83	2.28	3.44	1.40	1.94	2.22	1.49	18.76
February ...	5.14	.75	1.17	2.25	1.33	.21	2.82	2.55	.07	1.70	17.99
March ...	2.89	2.77	.53	2.29	.92	.88	.92	1.24	1.83	1.59	15.86
April ...	2.73	1.27	2.35	.39	.23	.86	.21	1.50	2.10	0.58	18.22
May ...	1.76	1.71	1.23	1.98	4.59	.35	1.30	2.44	.69	1.75	17.80
June ...	.60	1.83	2.05	3.70	1.95	1.94	1.23	4.32	.95	0.91	19.48
July ...	1.43	.59	4.27	2.53	1.19	3.84	3.80	1.73	1.15	3.35	23.88
August ...	2.37	2.28	1.58	3.84	.78	3.95	2.11	3.34	1.58	3.87	25.70
September ...	2.63	2.77	2.01	1.86	1.78	1.78	2.42	3.65	.09	3.85	22.84
October ...	1.03	2.76	3.03	2.20	2.69	1.65	1.59	2.67	1.87	5.16	24.75
November ...	4.91	3.30	.80	3.15	.59	.36	2.09	1.67	2.29	3.24	22.40
December ...	1.72	2.37	.55	1.58	1.80	2.16	2.00	2.72	2.96	2.02	19.88
TOTALS ...	29.82	24.05	20.47	26.60	20.13	21.42	21.89	29.77	17.80	29.61	241.56
	D	D	D	D	D	D	D	D	D	D	

1941 Jan. 30" high 35" high 45" high 45" high 20" high 25" high
 1956 Jan. adj; Sept. & Oct. approx 17.0.35.

985

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TR(51)27778

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1941			Stam. Sq.	1/2 m n	Chelsea.	200 y. W.

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
Jan 1904	✓	✓	✓	✓	
	✓	✓	✓	✓	