

RAINFALL at Kew, Royal Botanic Gardens.County of SurreyObserver Dr. A. H. C. C.River Basin Thames, Mole - S.

Rain Gauge, by \_\_\_\_\_

Diameter ...	5											
Height .....	0.9											
Altitude.....												
Year .....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January.....	1.71	1.26	3.52	2.45	5.50	4.09	1.02	1.23	2.93	3.52	2.223	16.7
February ...	2.97	1.26	1.47	.89	2.33	3.07	3.20	.86	.85	2.35	1.925	7.26
March .....	1.04	1.45	2.68	2.06	3.88	.81	4.07	1.92	.90	3.07	2.188	9.96
April .....	1.03	1.88	.08	2.63	.78	1.18	1.13	1.96	3.15	2.61	1.643	8.86
May .....	1.80	1.57	1.17	1.78	1.92	3.38	1.62	2.08	1.79	.17	1.728	5.64
June .....	2.97	2.13	2.91	.50	1.83	.59	2.10	3.47	.84	1.43	1.877	7.84
July .....	2.34	.93	1.43	2.18	1.61	4.07	1.11	3.84	4.41	2.33	2.425	11.69
August .....	2.77	.60	5.24	1.25	1.36	3.43	4.57	3.69	1.18	2.13	2.622	11.57
September...	.48	1.43	2.07	1.90	.98	1.95	1.52	1.96	5.53	1.32	1.914	10.33
October.....	2.44	2.91	2.16	3.46	1.19	2.17	3.31	3.15	1.33	.57	2.269	8.36
November...	2.69	3.50	1.57	2.19	2.91	1.87	4.06	1.27	2.03	1.38	2.347	8.74
December...	3.57	4.29	2.76	.91	6.12	4.97	2.28	1.20	2.18	3.62	3.190	9.28
TOTALS ...	25.81	23.21	27.06	22.20	25.41	31.58	29.99	26.63	27.12	24.50	26.351	

1910-20 med. 5.922. W. 4.12  
 over 20 ft. high 60 10 ft. W. 4.12

J. in garden of Director's House - under bellied

108.29

108.22 ✓

Annual average (London Survey) = 23.4.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Kew Gardens	1/2 mi	SE.	Kew	400 yds	N

RAINFALL at Kew Royal Botanic GardensCounty of SurryObserver A. Hill Esq. D.Sc. F.R.S.River Basin Thames-Mole S.Glaisher Rain Gauge, byThe Director

Diameter	8												
Height	0.9												
Altitude						20							
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Mean	
22.83 January	2.21	2.31	2.29	1.22	2.40	1.60	2.47	1.75	2.97	.96	2.65	2.08	
17.96 February	.42	.25	2.02	2.81	.49	3.33	2.47	3.31	1.95	.39	.52	1.63	
13.43 March	1.10	1.22	1.61	2.14	.83	.46	.16	2.63	1.82	.03	1.43	1.22	
22.26 April	2.80	1.02	2.57	1.34	3.17	1.74	2.94	2.26	1.33	1.08	1.96	2.02	
21.37 May	3.04	1.09	.97	1.88	3.03	2.14	1.99	1.07	1.92	1.19	3.05	1.94	
17.41 June	2.18	.24	.96	.24	2.57	.04	3.03	3.13	2.32	1.11	1.59	1.58	
29.90 July	4.32	.10	3.29	3.04	3.24	3.40	2.06	3.07	2.34	2.89	2.15	2.72	
24.10 August	1.47	1.33	2.22	1.58	2.46	2.44	.99	4.26	2.72	2.19	2.44	2.19	
21.46 September	2.36	1.62	1.58	1.35	2.74	2.31	1.30	4.61	.97	.21	2.41	1.95	
26.28 October	1.57	.48	1.25	5.19	3.69	2.98	2.08	1.39	3.85	2.82	0.98	2.39	
27.85 November	1.13	1.80	1.26	1.43	2.40	1.45	5.11	2.70	1.90	4.81	3.86	2.53	
25.16 December	2.09	1.00	2.77	2.16	2.80	2.62	.36	3.03	2.35	4.03	1.95	2.29	
TOTALS	24.69	12.46	22.79	24.38	29.82	24.51	24.96	33.21	26.44	21.71	24.99	24.54	
	D	D	D	D	D	D	D	D	D	D	D	D	

1910-20 recd. 5.9.22. Entered here 11.11.22.

1920. Tree 20' high 6+10 ft. w.17.

1930. G. read 10 a.m. in winter &amp; summer.

Annual Average (London Survey) = 23.4.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
			Kew Gardens	1/4 m	S.E.	Kew.	400 yds.	N.



RAINFALL at Kew (Royal Botanic Gardens)County of Surrey Observer The DirectorRiver Basin Thames - Mole + C5Type of Gauge GlaisherAnnual Average 22.4 in. based on 33 years obs. un-weighted. Period of average 1861-1915 Ref. 3

398407/35

Diameter	8											
Height	0	9										
Altitude	20									18'		
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.95	1.63	1.51	1.24	1.97	3.87	3.68	2.44	4.13	2.33	2275	
February	1.66	2.0	2.65	2.3	2.18	1.53	3.95	3.8	1.83	1.62	1520	
March	1.21	1.34	2.20	2.13	3.3	1.80	2.85	2.6	1.55	3.15	1482	
April	3.22	2.07	1.69	1.47	2.78	1.43	2.10	0.5	2.28	1.60	1769	
May	2.38	3.90	1.71	1.44	1.01	1.48	2.27	1.33	1.32	1.21	1607	
June	1.45	1.02	2.10	1.23	3.09	3.44	1.82	3.4	1.66	1.95	1710	
July	2.89	1.85	2.08	2.09	1.98	2.32	1.77	1.89	2.24	2.46	1857	
August	5.33	1.09	1.61	1.82	1.93	1.41	3.01	3.40	3.29	1.06	2095	
September	2.27	2.15	2.38	1.03	2.44	2.28	1.81	2.38	1.85	1.44	1903	
October	1.64	4.84	1.26	1.91	2.10	1.60	2.39	2.37	4.87	2.62	2360	
November	2.03	1.29	1.04	1.56	4.40	2.83	1.42	2.75	4.59	6.65	2856	
December	1.58	1.46	3.1	4.70	2.31	1.44	3.61	3.42	1.89	1.23	1895	
TOTALS	23.61	21.84	18.54	18.85	24.52	22.43	29.68	20.00	28.50	25.32	233.29	KM

1932. Shrubs 10' high 4-8 yds. N.

1934. Shrubs 3' to 10' high 3' to 6' N.E. &amp; N.W.

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
1932.			Kew Bridge	600 yds.	N.E.	Kew Green	200 yds.	E.

Station No. 164

## RAINFALL at Kew (Royal Botanic Gardens)

41

County of Surrey

Observer The Director

River Basin Thames, Mole, S.E. 5

Type of Gauge. Hyetrometer

Annual Average 23.4 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. S

File No. 398.407/35

Diameter	8"					287	052				
Height	9"	6"	9'	0	8"		1				
Altitude	18'				18'		41				
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.51	2.42	4.53	1.51	1.68	1.44	1.39	3.46	1.08	1.14	21.16
February	1.88	.66	1.25	.72	1.42	2.29	1.21	1.40	.88	4.02	15.73
March	3.20	1.64	.30	.04	.81	1.26	4.61	.46	.83	.76	13.91
April	1.59	.70	(.85)	1.34	.91	2.13	1.73	1.27	1.91	2.88	15.31
May	1.75	2.72	1.76	.83	1.94	3.29	1.39	2.33	2.33	1.90	20.24
June	2.28	1.39	1.31	1.46	1.74	2.81	2.80	2.22	.62	1.92	18.55
July	5.24	1.74	2.07	1.53	2.50	3.04	1.99	1.15	2.12	4.11	25.49
August	5.67	1.00	1.12	2.34	1.04	3.87	.43	3.16	1.76	2.08	23.27
September	4.2	.66	2.07	2.26	1.57	3.44	1.18	1.19	.52	3.41	16.72
October	.72	3.26	2.43	2.63	2.05	1.46	.14	1.90	6.16	.41	21.16
November	2.51	1.09	1.30	3.45	.19	3.92	1.08	1.64	2.41	5.35	23.74
December	1.67	1.99	1.40	1.15	2.79	1.88	2.36	2.60	1.89	1.82	19.55
TOTALS	29.44	20.87	20.39	19.26	18.64	30.83	20.31	22.78	22.51	29.80	234.83 ✓

1943 Bush 10 ft high, 15 ft. West.

1944 Thin hedge 6' high 10 ft N. Evergreen tree 25' high 30'S.E.

graduated?

613

246

1603.

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.
1943			Kew bridge	500 yds	NE	Kew Green	100 yds	E

BRITISH RAINFALL ORGANIZATION

Station No. 16A

RAINFALL at KEW (ROYAL BOTANIC GARDENS)

51

County of SURREY

Observer The Director

River Basin 5 THAMES &amp; MOLE R.S.

Type of Gauge AUBURN

Annual Average 23.4 in. based on 33 years obs. un-weighted. Period of average 1881-1915 Ref. S  
24.18 " " 35 " " 1916-1950 196-1950  
File No. 287052/135 P

Diameter ...	8"	5		287	052						
Height ...	0' 9"	1 0			1						
Altitude ...	18'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	3.58	2.35	1.67	.95	2.38	3.65	1.51	1.93	2.33	1.76	21.57
February ...	6.08	.98	1.32	2.17	1.54	.32	2.77	2.60	.09	1.89	19.76
March ...	3.64	2.99	.48	2.20	1.09	.93	1.11	0.95	1.56	1.65	16.60
April ...	3.20	1.41	2.86	.41	.87	1.00	.29	1.24	2.39	0.56	13.43
May ...	2.34	2.74	1.18	2.21	4.22	.18	1.14	2.35	.38	1.71	18.45
June ...	1.31	1.71	2.02	4.20	1.95	1.76	.99	4.14	.43	1.05	19.56
July ...	1.13	.60	4.35	3.32	.26	5.92	2.98	2.48	1.64	3.48	26.16
August ...	4.28	2.76	1.37	2.75	.67	3.80	3.97	2.94	1.22	1.92	27.18
September ...	2.77	2.90	1.93	1.69	1.72	1.82	2.35	4.71	.06	3.81	23.76
October ...	1.12	3.09	3.04	1.98	2.57	2.10	1.87	2.35	1.93	5.15	25.20
November ...	4.64	3.24	1.23	3.62	.95	.37	2.30	1.35	2.43	3.01	23.14
December ...	1.86	2.42	.60	1.88	2.02	2.56	1.93	3.16	3.44	1.97	21.84
TOTALS ...	35.95	28.19	21.65	27.28	19.74	24.41	23.27	30.20	17.90	27.96	256.65
	NP	NP	h.p.	h.p.	D	np	np	np	D	D	

1951 N.P. high. Imp. W. Worley. Old gauge removed. Site in Dublin garden v. sheltered & much sun.  
 New gauge installed June 1952. 1952 read slow new gauge at top but site not moved w.p. high  
 1953 h.p. site small hole  
 1954 " " " "  
 1956 " " " "  
 1957 np. " " "  
 1958 np site under shelter

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference TQ18 17244

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1943			KEW BRIDGE	300 yds N.E.	KEW GREEN	100 yds E.

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'36	✓	