

RAINFALL AT

Richmond The Terrace

Lat.

Lon.

County of *Surrey*

East

Rain Gauge, by

Observer

F. C. Bayard Esq

5/ Thames. mole.

(H. Brindley)

Diameter ..	...	8										
Height ...	...	1	6									
Altitude ..	...	109										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	2.63	.92	.58	2.28	2.53	.95	3.00	.58	1.28	.69	1.544	
February ..	3.53	1.14	.94	.91	2.18	.72	1.47	1.02	1.06	.32	1.329	
March ....	.94	1.87	1.52	2.12	1.34	3.03	1.03	.81	2.21	3.48	1.835	
April .....	.89	1.91	.60	1.82	.85	1.58	.51	3.05	2.39	1.45	1.505	
May	1.23	.42	2.37	3.64	2.80	.69	1.25	1.54	1.46	1.57	1.697	
June	1.89	1.33	3.67	6.54	.91	4.82	2.64	2.33	1.81	3.85	2.979	
July	1.17	1.54	1.01	4.17	2.02	.86	.93	1.48	2.21	2.73	1.812	
August	2.91	1.80	3.44	3.48	1.88	2.74	.52	1.75	2.47	1.45	2.344	
September..	.46	1.46	2.50	3.06	1.36	1.65	1.57	.53	1.29	2.38	1.626	
October	1.46	1.84	1.60	5.19	1.53	1.23	3.26	3.50	1.96	3.39	2.496	
November ..	1.76	.40	1.72	1.51	1.50	3.15	3.83	2.02	.81	.70	1.740	
December ..	2.29	2.91	1.31	1.40	1.89	.65	1.75	3.25	1.97	2.28	1.970	
TOTALS ..	21.16	17.54	21.26	36.12	20.79	22.07	21.76	21.86	20.92	24.29	22.777	

Annual average (London Survey) = 23.6.

RAINFALL at Richmond The TerraceCounty of SurreyObserver F. C. Bayardley J. H. BrinkleyRiver Basin Thames - Mole

Rain Gauge, by _____

Diameter ...	8											
Height	1	6										
Altitude ...	109											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.57	1.19	3.26	2.46	.46	3.73	.97	1.23	2.91	3.79	2.167	8.90
February ...	2.49	1.18	1.50	.80	2.41	3.42	3.87	.89	.83	2.53	1.995	8.12
March .....	.97	1.34	2.48	2.08	3.87	.80	4.36	1.81	.87	3.39	2.197	10.43
April .....	.95	1.85	.06	2.47	.64	1.25	1.03	2.01	3.17	2.59	1.602	8.80
May	1.72	1.74	1.21	1.69	1.85	3.14	1.77	2.06	1.98	.12	1.728	8.93
June	2.44	1.84	3.16	.43	2.25	.40	2.01	3.77	.8	1.41	1.897	8.05
July	2.68	.75	1.54	1.88	1.96	3.52	1.49	4.52	4.98	2.39	2.571	13.38
August	2.54	1.47	5.33	1.33	1.88	2.32	4.21	4.03	1.21	2.11	2.643	11.56
September ..	.47	1.19	2.06	1.92	.84	2.09	1.38	1.64	5.75	1.66	1.890	10.42
October ...	2.46	2.82	2.12	3.68	1.32	2.37	3.65	3.10	1.38	.68	2.348	8.71
November ..	2.88	2.99	1.59	2.02	2.73	2.03	3.80	1.29	2.33	1.43	2.309	8.80
December ...	3.54	4.29	2.59	.85	5.97	5.34	2.22	1.14	2.41	3.39	3.174	9.16
TOTALS ...	24.71	22.65	27.00	21.54	26.18	30.81	30.76	27.49	28.68	25.39	26.52	112.32 ✓
	2	2	2	2	2	2	2	2	2	2		

+ Inspected

Annual Average (London Survey) = 28.6.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Richmond (Terrace Garden)County of SurreyObserver Carl Pope & HumphreysRiver Basin Thames - Mole 5C. Humphreys (Past Superintendent)No. 140 Rain Gauge, by London

Diameter										5	
Height										1.6	
Altitude										25	29
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January										(1.01)	2.75
February										(.41)	0.65
March										(.03)	1.53
April										1.16	1.59
May										1.18	3.56
June										1.05	1.67
July										2.51	1.79
August										1.43	2.75
September										.15	2.64
October										2.67	0.94
November										5.02	3.73
December										4.25	1.79
TOTALS										21.27	25.39
										D	T

1929 Inspected, new site selected 27/3/29
New gauge & new site April

For previous record at The Terrace 150 yds NE
see previous sheet.

Dec 80' high 30 yds. N.W. NB Annual average expected from London Survey
Dec 20' high 24 yds. N.E. as 1.5" low
1930. " 90' " 33 " S.E. G. read 10.30 a.m. in wind.
" 80' " 90 " S.W. " 10 " " Summer.

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	Parish Church.	Distance from gauge	Direction
1930.			Richmond	1/2 m.	N.E.	Petersham	3/4 m	S.

The Terrace until March 1929 161
 (Terrace Sdn) see next sheet 20
 County of Surrey Observer: L. G. Dwyer Esq. J. H. Dwyer
G. Humphreys Esq.
 River Basin Thames - Mole 5
G. Humphreys Esq.

RAINFALL at Richmond The Terrace

Glaisher Rain Gauge, by

Annual average for ⁽¹⁹²⁷⁾ 1929 M.O. The Terrace 23.6 in. compiled by Mr. Cottrill (1940) Ref. A 20045/40

Diameter ...	8						8			6	
Height	1	6			1	0	6		1	6	
Altitude ...	109						129	109	25	1980	
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
23.41 January ...	2.13	1.96	2.36	1.29	2.81	1.50	2.77	2.03	2.80	(1.01)	2.75
19.67 February ...	.45	.17	1.92	3.02	.44	3.17	2.51	3.55	1.38	(.41)	2.65
12.95 March	1.06	1.20	1.52	1.84	.89	.52	.17	2.45	1.74	(.03)	1.53
21.91 April	2.59	.96	2.58	1.62	3.41	1.79	3.10	1.70	1.39	1.16	1.51
20.41 May .....	.83	1.06	.89	2.22	3.55	1.91	1.82	1.35	2.04	1.18	3.56
19.35 June	3.27	.24	.98	.30	2.79	.06	3.46	3.24	2.24	1.05	1.67
30.56 July	4.15	.08	3.80	3.15	3.63	4.07	1.86	3.13	2.39	2.51	1.79
25.01 August	1.59	.93	2.42	1.72	3.00	2.56	1.12	4.33	2.76	1.83	2.75
23.81 September...	2.72	2.33	1.61	1.41	3.25	2.50	1.53	4.77	.90	.15	2.64
21.72 October.....	1.60	.66	1.00	5.39	3.75	3.18	2.25	1.20	4.08	2.67	.94
28.95 November...	1.15	1.89	1.28	1.33	2.54	1.61	5.60	3.14	1.66	5.02	3.72
25.87 December...	2.27	1.04	3.03	2.26	2.99	2.41	.29	3.10	2.44	4.55	1.79
27.62 TOTALS...	23.81	12.54	23.39	25.55	33.05	25.28	26.48	34.01	25.85	21.27	25.39

1927. Iron railing 18' high 3' 0" NE.

1929 Inspected 27/3/29 by J.B. Instrument worn out, new instrument and new site recommended. See Green file

1929 April gauge moved 150 yards S.W. to Terrace Sdn change of altitude 109 ft to 25 ft

For record after 1929 see next sheet

Annual average (London Surrey) = 23.6

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
1924			Richmond	$\frac{3}{4}$ m.	N.	Richmond	$\frac{1}{2}$ m.	N.

RAINFALL at Richmond (Terrace Gardens)County of SurreyObserver G. Humphreys, Esq.River Basin Thames - Mole and 5Type of Gauge LondonAnnual Average R in. based on years obs. un-weighted. Period of average Ref.
" " 23.5 in. compiled by M. Cornish (1940) Ref. A 200487/20 913444/29

Diameter	5											
Height	1 6		1 3									
Altitude	25		29									
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.11	1.58	1.07	1.27	.94	4.03	3.66	2.39	4.15	2.37	2257	
February	1.55	.18	2.48	.28	2.26	1.66	4.16	.40	0.93	1.52	1542	
March	.24	1.15	2.25	2.09	.38	1.23	2.74	.24	1.08	3.20	1460	
April	3.52	2.23	.66	1.47	2.99	1.55	2.03	.03	2.23	1.54	1825	
May	2.39	4.33	1.81	.43	1.39	.45	2.22	1.29	1.48	1.25	1704	
June	1.55	.77	1.62	.91	3.23	3.44	1.96	.41	0.91	.75	1555	
July	2.81	1.81	1.87	3.08	1.11	2.75	.60	1.04	1.99	2.45	1951	
August	4.58	1.44	.57	2.15	2.26	.48	3.06	2.77	3.47	.04	2082	
September	2.46	2.15	2.48	1.37	3.05	2.63	1.69	2.03	0.91	1.28	2007	
October	.66	4.96	1.31	0.87	2.30	1.87	2.48	2.25	5.02	2.41	2413	
November	2.25	1.14	.91	1.93	4.38	2.86	1.40	2.77	5.44	6.69	2977	
December	.57	.42	.37	4.77	2.40	1.82	3.86	3.38	0.45	1.15	1919	
TOTALS	23.69	22.16	17.40	20.62	26.69	24.77	29.26	19.02	28.06	24.65	23692	KM.

1931, Trees 23' high, 24 yds. N.E., 90', 33 yds. S.E., 80', 90 yds. S.W., 80', 30 yds. N.W.

1939

3 yds

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	Direction
1931			Richmond	1 m.	N.E.	Petersham	$\frac{3}{4}$ m.	S.

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

RAINFALL at Richmond (Hennace Gardens)

41

County of SurreyObserver J. H. Humphreys Esq.River Basin Windsor Mole S.E.Type of Gauge SnowdonAnnual Average 23.5 in. based on 23 years obs. un-weighted. Period of average

Ref

computed by M. Benson (1940)

Ref. H. 200487/40

File No. 913.1114/29

c. 1900

Diameter	5"			2.87	0.30							
Height	1' 3"											
Altitude	29'				41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950		Means
January	2.49	2.45	4.51	1.54	1.35	1.41	1.50	3.55	.91	.81		20.52
February	1.85	.92	1.40	.69	1.39	2.11	1.17	1.30	.90	3.45		14.98
March	3.60	1.91	.30	.06	.96	1.32	4.70	.58	.98	.73		15.14
April	1.56	.86	.64	1.35	1.14	2.23	1.80	1.25	1.62	2.44		14.89
May	1.57	2.57	1.56	.75	2.20	3.54	1.40	2.32	2.14	1.84		19.89
June	1.97	1.47	2.17	1.77	1.61	2.62	2.97	1.94	2.48	1.90		17.90
July	4.24	.85	1.68	1.33	3.08	2.62	1.76	.91	.70	3.31		20.48
August	5.48	2.37	1.75	2.25	1.54	4.35	.34	3.23	1.73	2.30		24.74
September	.44	1.09	2.50	2.48	1.60	3.43	1.24	1.19	.44	2.90		17.31
October	.76	3.38	2.43	2.43	2.22	1.56	.15	2.36	5.42	.40		21.11
November	2.54	2.05	1.27	3.42	.23	3.77	1.21	1.57	2.29	5.07		23.42
December	1.50	2.34	1.36	1.24	2.97	2.09	2.26	2.57	1.57	1.43		19.33
TOTALS	28.00	22.06	19.97	19.31	20.29	31.05	20.50	22.77	19.18	26.58		229.71

1941. Tree 23' high 24 yds NE Tree 90' high 33 yds SE. Tree 20' high 90 yds SW Tree 80' high 30 yds NW

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			Richmond	1 mile	NE	Petersham	3/4 mile	S.

BRITISH RAINFALL ORGANIZATION

287030

RAINFALL at RICHMOND (TERRACE GARDENS) Station No. 161 51
 County of SURREY Observer G. HUMPHREYS, ESCO
 River Basin 5 THAMES MOLE & C.
 Type of Gauge SNOWDON

Annual Average 33.6 in. based on years obs. un-weighted. Period of average Ref.
 COMPUTED BY MR. CORRISS 1940
 REF. A. 300437 40 File No. 03222 199

"	"	24.47	in. based on 27 years obs. within 1929-56.	"	"	"	1916-1950	"	"	"	"	"	"
Diameter	...	5"		287	030								
Height	...	1' 3"		1									
Altitude	...	29'		51									
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	...	3.20	1.86	.93	1.04	2.31	3.77	1.26	1.96	2.08	1.65	20.06	
February	...	5.88	.83	1.17	2.25	1.37	.34	2.82	2.31	.07	1.56	18.60	
March	...	2.83	2.97	.53	2.09	1.05	.83	1.06	1.09	1.49	1.50	15.64	
April	...	2.32	1.31	2.49	.36	.33	1.04	.29	1.06	1.97	0.54	11.71	
May	...	2.04	2.58	1.62	2.21	3.78	.26	1.34	2.34	.50	1.66	18.33	
June	...	1.13	2.22	2.38	4.78	2.30	2.23	1.01	4.24	.63	1.33	22.25	
July	...	1.25	.58	3.54	2.70	.37	5.43	3.11	2.36	1.48	3.52	24.34	
August	...	3.04	3.34	1.61	3.41	.81	3.84	4.19	3.43	1.07	1.98	26.72	
September	...	2.42	3.33	2.12	1.79	1.58	2.22	2.66	3.89	.08	2.72	23.81	
October	...	.91	2.99	3.11	2.18	2.42	2.00	1.90	2.45	1.77	5.05	24.78	
November	...	5.66	3.19	1.14	3.73	.97	.55	2.39	1.82	2.28	3.56	26.29	
December	...	1.70	2.55	.58	1.86	2.06	2.45	1.79	2.81	2.83	1.96	20.59	
TOTALS	...	32.38	27.75	21.22	28.40	19.35	24.96	23.87	29.76	16.25	28.03	251.92	
		D	D	D	D	D	D	D	D	D	D	D	

1951. Tress 28', 24 yds NE; Tress 90', 33 yds SE; Tress 80', 90 yds SW; Tress 80', 30 yds NW

Position of Station on Ordnance One-Inch map : No. of Map..... National Grid Reference TR(2)181742.

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1914			RICHMOND	1 MILE NE.	PETERSHAM	3/4 m. S.

Summary of Earlier Records from 10-year Sheets :

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