

RAINFALL AT Richmond The Terrace

Lat.

Lon.

County of

Surrey East-

J.C. Bayard Esq

(A.B.M.)

5/ Thames mole.

Rain Gauge, by

Observer

Diameter	8									
Height	16									
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	1.54
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	.86	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	2.970
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	1.636
October ..	1.46	1.84	1.60	5.19	1.53	1.28	3.26	3.50	1.96	3.29	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	22.77

3 77 77 71 71

Annual average (London Survey) = 23.6.

RAINFALL at Richmond The Terrace

County of Surrey

Observer F. C. Bayard Esq.

River Basin Thames - Mole -

J. B. Brinley

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	2.167 890
February ...	2.49	1.18	1.50	.83	2.41	3.42	3.87	.89	.83	2.53	1.995 812
March97	1.34	2.48	2.08	3.87	.80	4.36	1.81	.87	3.39	2.197 1043
April95	1.85	.06	2.47	.64	1.25	1.03	2.01	3.17	2.59	1.602 888
May	1.72	1.74	1.21	1.69	1.85	3.14	1.77	2.06	1.98	.12	1.728 893
June	2.44	1.84	3.16	.43	2.25	.90	2.01	3.77	.88	1.41	1.897 865
July	2.68	.75	1.54	1.88	1.96	3.52	1.49	4.52	4.98	2.39	2.571 1353
August	2.54	1.47	5.33	1.33	1.88	2.32	4.21	4.03	1.21	2.11	2.643 1156
September ..	.47	1.19	2.06	1.92	.84	2.09	1.38	1.64	5.75	1.66	1.890 1043
October ...	2.46	2.82	2.12	3.68	1.32	2.37	3.65	3.10	1.38	.68	2.348 871
November ..	2.88	2.99	1.59	2.02	2.73	2.03	3.80	1.29	2.33	1.43	2.309 888
December ...	3.54	4.29	2.59	.85	5.97	5.34	2.22	1.14	2.41	3.39	3.174 916
TOTALS ...	24.71	22.65	27.00	21.54	26.18	30.81	30.76	27.49	28.68	25.39	26.521 112.32 ✓

+ Impeded

Annual average (London Survey) = 23.6.

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

RAINFALL at Richmond (Terrace Garden)County of SurreyObserver Capt. Capt. G. HumphreysRiver Basin Thames - Mole 5C. H. Humphreys (Part Superintendent)

Mo 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

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

Trees 80' high 30 yds N.W.

N.B. Annual average rejected from London Survey

Trees 20' high 24 yds N.E.

as 1.5' low

1930.

90' .. 33 .. S.E.

G. read 10.30 a.m. in winter.

80' .. 90 .. S.W. .. 10 ..

Summer.

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

The Terrace until March 1929

(Terrace Edns) See next sheet 20

RAINFALL at Richmond

County of Surrey

Observer L.C. Bayard Esq., J.H. Bradley
Borough Engineer Park Superintendent

River Basin Thames - Mole 6

G. Humphreys Esq.,

Glascott Rain Gauge, by

(27) 1929 MO Annual average for The Terrace 23.6 - compiled by Mr. Cottrell (1940) Ref. A 20047/1/40

Diameter ...	8						8			6	
Height	1	6			1.0		.6			1	6
Altitude ...	109						129	109		25	1920
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.13	1.96	2.36	1.29	2.81	1.50	2.77	2.03	2.80 (1.01)		2.75
February45	.17	1.92	3.02	.44	3.17	2.51	3.55	1.38 (.41)		.65
March	1.06	1.20	1.52	1.84	.89	.52	.17	2.45	1.44 (0.31)		1.53
April.....	2.59	.98	2.68	1.62	3.41	1.79	3.10	1.70	1.39	1.16	1.54 Check
May83	1.06	.89	2.22	3.55	1.91	1.82	1.35	2.04	1.18	556
June	3.27	.24	.98	.30	2.79	.06	3.46	3.24	2.24	1.05	1.67
July	4.15	.08	3.80	3.15	3.63	4.07	1.86	3.13	2.39	2.51	1.79
August	1.59	.93	2.42	1.72	3.00	2.56	1.12	4.33	2.46	1.83	2.75
September...	2.72	2.33	1.61	1.41	3.25	2.50	1.53	4.77	.90	.15	2.64
October.....	1.60	.66	1.00	5.39	3.75	3.18	2.25	1.20	1.08	2.67	.94
November...	1.15	1.89	1.28	1.33	2.54	1.61	5.60	3.14	1.66	5.02	3.72
December...	2.27	1.04	3.03	2.26	2.99	2.41	.29	3.10	2.44	4.25	1.79
TOTALS...	23.81	12.54	23.39	25.55	33.05	25.28	26.48	34.01	25.85	21.27	25.39
	D	D	D	D	D	D	D	D	D	D	A

1927. Iron railing 18' high 3° 0" N.E.

1929 Inspected 27/3/29 by G.B. Instrument worn out, new instrument and new site recommended. See next sheet

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

For record after 1929 see next sheet

Annual average (London Survey) - 28.6.

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
1924			Richmond	3/4 m.	N.	Richmond	1/2 m.	N.

RAINFALL at Richmond (Terrace Gardens)

County of Surrey Observer G. Humphreys, Esq.

River Basin Thames - Reference 5

Type of Gauge Standard

Annual Average R in. based on years obs. un-weighted. Period of average

" 23.5 in computed by Mr. Cornish (1940) Ref A 200487/40 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	2.89	4.15	2.87	2257	
February	1.55	1.18	2.48	1.28	2.26	1.66	4.16	1.40	0.93	1.52	1542	
March	1.24	1.15	2.25	2.09	.38	1.23	2.74	1.24	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	1.43	1.39	1.45	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	.76	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	1.48	3.06	2.77	3.47	1.04	2082	
September	2.46	2.15	2.48	1.37	3.05	2.63	1.69	2.05	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	29.86	19.02	28.06	24.65	23692	KM.

1931, Years 23' high, 24 yds N.E., 90' 33 yds S.E., 80' 90 yds E., 80' 30 yds NW
1939

3 yds

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
1931			Richmond	1 m.	N.E.	Petersham	3/4 m.	S.

Station No. 1 b.1

RAINFALL at Richmond (Hennage Gardens)

41

County of Surrey.....

Observer J. H. Wimphrey Esq.

River Basin Thames Miles 4.5

Type of Gauge Standard

Annual Average in. based on years obs. un-weighted. Period of average

Ref

23.5 computed by Mr. Barnish (1940)

Ref A.200487/40

File No. 913.1/111/2.9

C.1940

Diameter	5"			28.7	030						
Height	1' 3"					1					
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	.72	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	2.51	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	1.48	1.90	17.90
July	4.24	.85	1.68	1.33	3.08	2.62	2.76	.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	1.44	2.90	17.31
October	.76	3.38	2.43	2.43	2.22	1.56	.15	2.36	5.12	.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	1.59	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. True 23° high 24 yds NE True 90° high 33 yds SE. True 20° high 9 yds SW True 80° high 30 yds NW

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
1941			Richmond	1 mile	NE	Petersham	3/4 mile S.

Station No. 16)

RAINFALL at RICHMOND

(TERENCE GARDENS)

51

County of SURREY

Observer G. WORRALL, ESC

Sept. 1937 - Dec. 1950

River Basin 5 THAMES MILE + 0

Type of Gauge SNOWDON

Annual Average..... in. based on..... years obs. un-weighted. Period of average..... Ref.....
 24.47 in. based on 27 years obs. within 1929-56. " " 1946-1950
 Diameter ... 5" 287.030
 REF A. 300437/40

File No. Q3144/109

" "	24.47	in. based on 27 years obs. within 1929-56.	" "	1946-1950	" "	5					
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	1.68	20.06
February	5.88	1.83	1.17	2.25	1.37	.34	2.82	2.31	.07	1.56	18.60
March	2.83	2.97	.63	2.09	1.05	.83	1.06	1.09	1.49	1.50	15.44
April	2.32	1.31	2.49	.36	.33	1.04	.29	1.06	1.97	0.84	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	3.82	26.34
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	21.78
November	5.66	3.19	1.14	3.73	.97	.55	2.39	1.82	2.28	3.56	25.29
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	14.35	24.96	23.87	29.76	16.25	28.03.	251.92
	D	D	D	D	D	D	D	D	D	D	D

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

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ(2) 181740.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1941			RICHMOND	1 MILE NE.	PETERHAM	3/4 M. S.

Summary of Earlier Records from 10-year Sheets :

National gauge

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