

RAINFALL AT Kingston Sewage Works

153
(155/7)
80

Lat. Lon. County of Surrey
 Rain Gauge, by Observer F. C. Bayard Esq
 of Thames mole.

Diameter										5
Height										1.0
Altitude										25
Year....	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889 MEANS.
January95
February										2.13
March										2.01
April										2.04
May										3.46
June										80
July										2.08
August										2.37
September										1.44
October										4.31
November67
December										1.39
TOTALS										23.65

Annual average rejected from London Survey as 2° too high.

RAINFALL AT Kingston Sewage Works

Lat.

Lon.

County of

Surrey

Rain Gauge, by

Observer

F. C. Bayard Esq.

7-Kingsway

5-Chambers Mole

Diameter	5										
Height	1.0										
Altitude	25										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.34	1.49	.45	1.49	3.35	1.40	.68	1.95	.93	3.22	1.730
February	.97	.00	1.41	2.77	1.81	.12	.30	2.18	1.41	2.52	1.319
March	1.62	1.38	1.16	.21	1.18	1.18	3.30	4.07	1.26	.42	1.598
April	1.90	1.11	1.12	.41	1.85	1.50	.61	2.03	.95	2.35	1.383
May	1.55	2.41	1.46	1.61	1.83	.45	.23	1.23	2.68	1.43	1.488
June	2.81	1.52	3.02	.98	2.80	.31	2.02	3.27	1.33	1.10	1.866
July	4.97	3.17	2.27	2.54	5.09	4.93	1.32	1.57	.68	.47	2.701
August	2.24	4.94	3.64	1.10	2.80	4.74	2.84	2.72	1.47	.46	2.695
September	1.20	1.43	2.58	1.12	1.32	1.34	7.74	2.34	.45	2.78	2.230
October	1.07	5.71	3.83	4.21	5.15	3.10	2.98	.54	3.34	2.18	3.211
November	1.47	2.62	2.72	2.07	3.36	3.70	1.37	1.18	2.62	4.59	2.590
December	.60	3.03	1.35	2.35	2.04	2.39	3.64	2.47	2.76	1.46	2.209
TOTALS	22.74	28.81	25.01	20.86	32.08	25.16	27.03	25.55	19.88	22.98	25.010

Annual average rejected from London Survey as $\frac{1}{2}$ too high.

RAINFALL AT Kingston Sewage Works (155/1)

Lat.

Lon.

County of

Surrey East

of Thorne Mole.

Rain Gauge, by

Observer

T. E. Bayard Esq.

(T. Stevens P. G. Lloyd)

Diameter ..	5										
Height ..	10										
Altitude ..	25										
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..	3.13	.96	.73	2.46	2.91	.61	3.85	.82	1.91	.92	1.830
February ..	3.79	1.16	.75	1.11	2.64	.80	1.67	1.30	1.26	.28	1.476
March ..	1.07	2.13	1.88	2.54	1.39	4.03	1.15	.85	2.74	2.82	2.060
April ..	.88	2.12	.66	1.95	.95	1.68	.49	3.45	2.65	1.77	1.660
May ..	1.15	.46	2.45	2.14	2.41	1.03	1.26	1.78	1.60	1.77	1.600
June ..	2.62	1.45	4.52	6.78	.97	4.84	2.71	2.27	3.24	4.20	3.360
July ..	1.15	2.52	1.13	5.16	1.80	1.07	.90	1.13	2.72	4.18	2.176
August ..	3.32	2.10	3.20	4.39	1.96	2.85	1.21	2.42	3.54	1.72	2.671
September ..	.64	1.38	2.50	3.38	1.41	1.67	2.97	.51	1.65	2.35	1.846
October ..	1.74	1.92	1.52	5.53	1.81	1.36	4.37	3.99	2.12	3.61	2.797
November ..	1.89	.36	1.74	1.84	1.57	3.39	4.19	2.24	.65	.98	1.885
December ..	2.56	3.33	1.38	1.63	2.39	.60	2.22	3.56	1.59	2.87	2.308
TOTALS ..	23.94	19.89	22.41	38.91	22.21	23.93	26.99	24.27	25.67	27.47	25.569

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Annual average rejected from London Survey as 15° High.

RAINFALL at Kingston Sewage Works

153

County of Surrey

Observer F.C. Bayard by P.H. Ryd (see 155/7)

River Basin Thames Mole 5

Rain Gauge, by

Diameter ...	5											
Height	1 0											
Altitude ...	25											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	1.85	1.34	3.77	2.93	.55	4.78	1.16	1.21	3.03	3.40	2.402	880
February ...	3.18	1.23	1.70	.91	3.00	3.85	3.60	.96	.96	2.34	2.173	786
March	1.19	1.59	2.90	2.79	4.68	.78	4.44	1.89	.84	2.97	2.407	014
April	1.36	2.06	.06	2.84	.98	1.57	1.61	1.97	3.51	2.96	1.892	1055
May	1.89	2.36	1.44	1.88	1.37	3.11	2.32	3.37	2.09	.13	1.996	791
June	2.73	2.35	3.78	.44	3.54	1.03	2.13	3.39	1.01	1.38	2.178	791
July	3.84	.78	1.82	2.01	2.31	4.83	1.69	5.77	4.80	2.41	3.026	1467
August	2.97	1.11	5.71	1.78	1.93	2.41	3.96	4.37	1.26	2.46	2.796	1905
September ..	.87	1.39	2.50	2.36	1.00	2.03	1.63	1.82	6.43	1.40	2.143	1128
October ...	3.15	3.21	2.53	5.59	1.38	2.68	3.96	3.67	1.24	.75	2.816	9462
November ...	3.23	3.58	2.12	2.33	3.30	2.01	4.64	1.41	2.21	1.62	2.645	988
December ...	4.00	5.23	3.03	1.18	7.09	5.90	2.53	1.23	2.43	4.13	3.670	1032
TOTALS ...	30.26	26.23	31.36	26.99	31.13	34.98	33.67	31.06	29.81	25.95	30.144	
												120.49 ✓

Annual average rejected from London Survey as 2' High.

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

RAINFALL at Kingston, Sewage Works

County of Surrey

Observer: F.G. Bayard

P.G. Lloyd
(Manager)

River Basin Thames - Mole 0-

(Kingston Corporation)

Snowdon Rain Gauge, by

M.O. IX | 28.

Diameter ...	6"				8					5	
Height	1	0			2.0				1	0	
Altitude ...	25										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930.
January ...	2.46	2.24	2.43	1.27	2.57	1.81	2.56	1.95	3.45	.91	2.85
February53	.31	2.09	3.03	.52	3.96	2.28	4.01	1.54	.24	0.59
March	1.12	1.41	1.83	2.26	.84	.47	0.22	3.05	1.64	.00	1.68
April.....	2.93	.93	2.77	1.61	3.83	2.16	3.32	1.63	1.36	.83	1.41
May66	1.13	1.19	2.39	3.51	1.91	1.53	1.58	2.59	1.29	2.89
June	2.80	.23	1.45	.33	3.00	.07	3.64	3.41	2.58	.96	1.60
July	5.79	.05	3.50	3.67	3.43	4.11	2.23	2.95	2.41	1.83	1.61
August	1.71	.95	2.57	1.81	2.52	2.40	.78	4.43	2.41	2.27	2.59
September...	3.11	1.98	1.61	1.51	3.42	2.51	1.20	4.69	.84	.15	2.60
October.....	1.40	.60	.97	5.94	3.65	2.71	2.36	1.17	3.63	2.56	0.85
November...	1.32	2.03	1.45	1.59	2.70	1.94	6.75	3.83	1.56	5.46	3.91
December...	1.98	1.14	3.55	2.36	3.07	2.39	.23	3.39	2.14	4.60	1.65
TOTALS...	26.81	13.00	25.41	27.77	33.06	26.44	27.10	36.09	26.30	20.60	24.23
	D	D	D	D	D	D	D	D	D	D	D

See enclosure 8A file 669721/26

Inspected 16/6/28 see green file.

new gauge IX/28.

Annual average reworked for London Survey (1929-1932) = 22.5. Rejected as 2° low.

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
1922			Kingston	1/4 mi	S.E.	All Saints	1/4 mi	S.
1930			"	2 "	"	Kingston	2 mi	S

RAINFALL at Kingston (Sewage Works) + A

County of... Surrey

Observer P. G. Lloyd, Esq. *

River Basin Thomas - Mole &c. 5

Type of Gauge + A

Annual Average 22.7 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. I.H.S.

669721/26

Diameter	5													Total	Mean
Height	10														
Altitude	25													26	
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940					
January	1.20	1.46	1.24	1.36	.99	3.82	3.64	2.10	3.96	2.05	2182				
February	1.54	1.11	2.41	1.22	2.42	1.58	3.63	1.29	0.87	1.73	1480				
March	1.20	1.19	1.93	1.91	.29	.97	2.59	1.31	0.72	2.28	1239				
April	3.90	2.14	6.44	2.17	2.85	1.65	1.89	1.08	2.16	1.68	1916				
May	2.48	4.41	2.47	1.47	1.13	1.62	1.99	1.32	1.27	.97	1713				
June	1.55	83	1.20	1.70	3.75	2.79	2.14	1.45	1.58	1.14	1613				
July	2.96	1.96	1.52	2.28	1.40	2.72	.85	1.02	2.52	2.49	1942				
August	5.22	1.74	6.5	2.29	2.29	1.60	3.43	2.68	2.38	.03	2031				
September	2.09	2.00	2.28	1.16	2.86	1.98	1.60	2.14	.88	1.18	1817				
October	1.67	4.78	1.51	1.91	2.25	1.96	2.56	2.17	4.85	2.07	2353				
November	2.08	1.02	1.75	1.92	4.09	2.62	1.23	3.34	4.00	6.14	2719				
December	1.49	3.8	3.5	4.79	2.18	1.80	3.84	(0.26)	1.04	.95	1908				
TOTALS	22.38	21.02	16.95	20.18	26.50	23.11	28.89	19.16	26.23	22.71	229.13				

1931. Tanks surround the gauges. Tops of tanks level with ground.

1928 Dec. partly cut for tanks.

* Per Survey County Council (B.R. 1938)

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
1931.			Kingston	½ m.	S.E.	Kingston.	½ m.

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

Since 6 June 1943 Station No. 15517

(See 15517)

book 10 vols. 60

RAINFALL at Kingston (Sewage Works) A.

County of Surrey

Observer P. J. French Esq. *

River Basin Thames. Mole 9.C.5

G. S. STERMAN Esq. *

Type of Gauge 10.

Annual Average 22.7 in. based on 10 years obs. un-weighted. Period of average 1931-1945 Ref. T.N.S.

File No. b69721/2b.

Diameter	5"		286	405			5"				
Height	1' 8"				1		1' 0"	1' 0"			
Altitude	26'				41		23'	23'			
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Totals, Means
January	2.32	2.16	4.34	1.43	1.51	1.40	1.45	3.31	1.16	.84	19.92
February	1.57	.66	1.55	.64	1.28	2.24	1.30	1.22	1.02	3.61	15.11
March	3.64	1.77	.26	.02	1.04	1.08	4.45	.67	.94	.67	14.54
April	1.25	.88	.61	1.50	1.12	2.49	1.45	1.45	1.49	2.59	14.83
May	1.40	2.51	1.70	.83	2.04	3.11	1.39	1.90	2.14	1.71	19.79
June	2.88	.52	1.09	1.74	1.39	2.62	2.54	1.76	.62	2.02	17.18
July	3.04	1.93	1.60	1.96	3.16	1.84	1.39	.95	1.28	3.16	20.31
August	4.88	2.34	1.15	2.39	1.51	4.02	.47	3.43	1.54	1.50	23.23
September	.34	1.11	2.38	2.23	1.81	3.50	1.18	1.20	1.44	2.66	16.85
October	.66	3.63	2.35	2.64	2.35	1.09	.13	2.23	5.01	.31	20.40
November	2.57	1.99	1.02	3.47	.29	3.04	1.16	1.57	2.02	5.02	22.15
December	1.77	2.33	1.31	1.24	2.62	2.11	2.42	2.86	1.32	1.55	19.53
TOTALS	26.82	21.91	19.36	20.09	20.12	28.54	19.33	22.55	18.98	25.64	222.84

May 1945 6' 0" apart. 2m. from tree N.E. (see case 3550 f. 208323/37) to Canterbury Gardens
Tree 25' to 30' high 45° E., 30' to 40' high 120° S., hedge 6' high 26° W., 6' high 30° N.

478

Per Surrey County Council.

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
1948			KINLINGTON	1/2 mi.	NW	KINLINGTON	1/2 mi.	N.

RAINFALL at KINGSTON (CANGWY GARDENS) +a

County of SURREY

Observer G.C. STEPHENSON F.R.S.

River Basin S. THAMES MOUTH &c

1926 SURREY CO.

Type of Gauge 5 in. M.O.N.I. INSTR. 1926 A

North Surrey Great Savage St.,

Annual Average 8.97 in. based on 10 years obs. un-weighted. Period of average 1881 - 1915 Ref. 1.W2
 " " 23.53 " " 7 " Within 1949-56. " " " 1946-1950 File No. 6602521/26 E 22762/55

Diameter	5"			286	405						
Height	1' 0"					1					
Altitude	23'					51					
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.20	1.71	.90	1.16	2.32	3.66	1.48	1.86	2.27	1.73	
February	5.60	.84	1.13	1.96	1.35	.40	2.94	2.28	.06	1.48	
March	2.90	2.85	.37	2.15	.92	.61	.86	1.59	1.89	1.63	
April	2.47	1.34	1.84	.29	.25	1.06	.27	1.06	1.82	0.63	
May	1.99	2.34	1.24	2.11	3.76	.18	1.54	2.38	.93	1.69	
June	.81	2.41	1.41	4.05	2.50	1.97	.68	4.14	.95	1.32	
July	1.06	.55	4.30	2.85	.49	4.59	2.93	1.81	1.52	3.73	
August	2.72	3.07	1.27	2.76	.74	2.38	5.73	3.54	1.15	2.80	
September	2.62	2.97	2.52	2.11	1.84	1.95	2.30	4.22	.03	2.50	
October	.67	2.70	2.95	2.08	2.43	1.62	1.69	2.56	1.95	5.09	
November	5.50	3.09	1.10	3.74	.77	.43	2.43	1.71	2.65	3.37	
December	2.04	2.24	.59	1.82	2.03	2.71	1.86	2.73	3.02	2.16	
TOTALS	31.58	26.11	19.62	27.08	19.40	21.62	24.71	29.88	18.24	28.13	
	D	D	D	D	D	D	D	D	D	D	

Inspected 27/10/54 M.R.H.G. PEERS. Reasonable site; amid flower beds.
 Trees 50' high 50' away East. Trees 70' high 100' away South.

Position of Station on Ordnance One-Inch map : No. of Map 1752 National Grid Reference TQ 179700

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge
1948			KINGSTON.	1/4 mi. NW.	KINGSTON	1/2 mi. N.

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓ bwd '41