

Spring Gardens
London.

No. 3

36 68

7 ft 64 68

36 64

Sea + Ground 6 ft 8 in 65

+ Sea Level. 37 ft

LONDON S/W Thames left Bank.

65

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -					# 2.02	.83	3.51	4.09	2.26	3.28	2.16
February - -					.39	.62	1.44	3.60	1.35	1.04	2.32
March - - -					.66	2.59	.91	1.40	2.37	.94	1.54
April - - -					.64	.84	.38	1.67	2.05	1.41	1.16
May - - -					1.11	1.82	2.65	1.84	1.62	1.10	3.08
June - - -					3.73	1.68	2.45	3.50	1.38	.59	1.13
July - - -					.80	.36	2.63	1.85	4.02	.82	.80
August - - -					1.86	1.29	4.19	2.31	2.31	2.42	1.14
September - -					2.13	2.27	.58	3.39	2.27	1.77	3.98
October - -					1.63	1.09	5.40	1.95	1.69	2.35	1.50
November - -					1.41	2.85	1.68	1.49	4.2	.91	2.38
December - -					1.07	.40	.78	2.03	1.81	4.40	2.57
TOTALS -					18.45	16.14	26.58	29.12	23.55	21.93	23.76

Wet. Wet. G. C. S. G. C. S. G. C.

*Spring Gardens
London.*

No. 2

+ ground 64 ft. 9 in. + sea level 95 ft.

LONDON at Shanes Sept 1860.

YEAR - -	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January - -				2.11	.85	3.35	4.05	1.07	3.08	2.01	
February - -				.38	.64	1.32	3.57	1.19	.96	2.24	
March - - -				.68	2.36	.81	1.34	1.70	.85	1.42	
April - - -				.63	.77	3.0	1.59	1.91	1.38	1.06	
May - - -				1.06	1.78	2.48	1.74	1.57	1.06	2.74	
June - - -				3.68	1.59	2.39	3.49	1.32	.54	1.02	
July - - -				.78	.36	2.32	1.88	3.88	.76	.71	
August - -				1.81	1.27	4.06	2.23	2.21	2.27	1.05	
September -				3.10	2.37	.53	3.23	2.22	1.59	3.80	
October - -				1.66	1.07	5.26	1.78	1.62	2.18	1.45	
November -				1.50	2.25	1.68	1.42	.41	.84	2.20	
December -				1.08	.38	.77	1.78	1.75	4.20	2.41	
TOTALS -				18.47	15.69	23.7	28.10	21.65	19.81	22.11	

C C C C C C C

Spring Gardens
London

No 1 Board of Works

+ ground 65 ft.

+ sea level 95 ft.

LONDON 2/ Thames Sept 1868.

YEAR --	1860	1861	1862	1863	1864	1865	1866	1867	1868	1869	MEANS.
January --					1.84	.80	3.10	3.93	1.77	2.94	1.94
February--					.35	.63	1.23	3.37	1.11	.86	2.15
March -- -					.63	2.26	.77	1.26	1.58	.77	1.31
April - - -					.60	.71	.27	1.46	1.75	1.28	.98
May - - -					.99	1.60	2.39	1.62	1.49	1.01	2.60
June - - -					3.52	1.48	2.24	3.37	1.22	.54	.98
July - - -					.75	.36	2.46	1.81	3.74	.76	.70
August - - -					1.75	1.24	3.91	2.13	2.12	2.16	1.01
September -					2.96	2.16	.52	2.87	2.17	1.59	3.63
October - -					1.55	1.03	5.11	1.68	1.56	2.13	1.44
November -					1.37	2.11	1.61	1.39	.36	.81	2.19
December -					1.01	.36	.76	1.66	1.56	3.93	2.39
TOTALS -					17.32	14.74	24.37	26.65	20.43	18.78	21.32

RAINFALL AT Westminster Spring Gardens

Lat.....

Lon..... County of Middlesex

Rain Gauge, by..... Observer J.W. Bayntun

LONDON 2/ Bathams Left Bank.

Diameter8										
Height	6.0										
Altitude	37.0										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.29	1.72	9.11	2.10	·92	3.07	1.12	4.70	1.14	2.56	2.173
February59	.98	.84	1.38	.85	.80	1.61	1.79	1.18	3.82	1.384
March	1.90	.77	1.80	1.41	.47	.50	2.58	2.30	.92	.64	1.329
April	-4.42	2.66	1.20	.57	1.12	1.63	1.66	2.58	4.51	2.74	1.909
May74	1.30	2.92	1.30	1.15	1.47	.66	2.03	3.16	3.25	1.798
June62	3.33	2.08	2.26	2.96	2.04	1.10	.53	2.27	3.91	2.050
July	1.63	3.24	2.95	1.46	.72	4.59	.80	3.16	1.78	3.85	2.418
August.....	1.87	.85	1.53	2.87	1.05	1.15	1.69	2.30	5.09	4.82	2.322
September.....	1.86	4.33	1.25	2.38	1.71	2.40	2.08	.79	1.14	3.05	2.119
October.....	+3.43	1.61	4.47	2.84	4.53	3.99	1.75	1.55	1.31	.49	2.597
November.....	1.56	-3.9	2.87	1.89	1.69	2.88	2.97	3.25	2.64	.70	2.084
December.....	2.85	.82	3.91	.37	1.75	.74	5.54	1.55	1.02	.62	1.917
TOTALS.....	10.76	22.00	28.93	21.03	18.32	25.26	23.56	26.53	26.16	30.45	24.110

C C C

1870 Our practice has been to include the rain which falls subsequent to 4 P.M. in the rainfall of the following day, but for the future we can include the fall up to 9 A.M. in that of previous day.

1876 Gauge partly sheltered by buildings on N side

70
RAINFALL AT Westminster Spring Gardens 70

Lat..... Lon..... County of... Middlesex.

Rain Gauge, by..... Observer J W Bazalgette
LONDON 2/ Thames Left Bank.

Diameter	1.0											
Height	58.3			65.11								
Altitude	95.0											
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MENS.	
January	1.12	1.61	2.97	1.90	.84	2.97	1.07	4.56	1.13	2.52	2.069	
February	.57	.92	.81	1.30	.82	.78	1.53	1.76	1.15	3.66	1.33	
March	1.00	.70	1.73	1.29	.43	.47	2.54	2.28	.90	.59	1.273	
April	.39	2.49	1.15	.53	1.05	1.57	1.64	2.55	4.43	2.61	1.841	
May	.69	1.19	2.74	1.22	1.13	1.31	.64	2.00	3.09	3.11	1.712	
June	.59	3.12	1.94	2.24	2.22	1.90	1.09	.52	2.22	3.73	1.957	
July	1.51	3.09	2.80	1.46	.66	4.22	.78	3.04	1.72	3.71	2.299	
August	1.69	.83	1.43	2.87	.96	1.10	1.67	2.25	4.96	4.66	2.242	
September	1.75	4.16	1.20	2.44	1.60	2.33	2.05	.77	1.13	2.96	2.039	
October	.3.21	1.57	4.31	2.67	4.28	3.85	1.75	1.52	1.27	.47	2.49	
November	1.47	.37	2.76	1.81	1.63	2.80	2.78	3.16	2.63	.64	2.005	
December	2.70	.80	3.76	.34	1.68	.72	5.47	1.52	1.00	.60	1.859	
TOTALS	17.49	208.52	716.02	20.09	17.28	24.02	23.01	25.93	25.63	29.26	23.116	

C C C
Gauge on House 45 ft

RAINFALL AT Westminster Spring Gardens

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70

Lat..... Lon..... County of... Middlesex

Rain Gauge, by..... Observer J W Bazalgette

LONDON 2/ Left Bank Thames.

Diameter	8										
Height	58.6										
Altitude	95										
YEAR	1870	1871	1872	1873	1874	1875	1876	1877	1878	1879	MEANS.
January.....	1.06	1.52	2.79	1.76	.78	2.85	1.03	4.27	1.10	2.21	1.931
February56	.87	.77	1.24	.79	.71	1.48	1.69	1.08	3.45	1.264
March	1.74	.67	1.62	1.20	.42	.45	2.48	2.17	.85	.51	1.211
April	-37	2.33	1.06	.51	.96	1.43	1.59	2.47	4.29	2.46	1.747
May66	1.17	2.57	1.17	1.10	1.22	.62	1.93	2.98	2.94	1.686
June57	2.97	1.82	2.20	2.12	1.76	1.05	.50	2.15	3.45	1.869
July	1.47	2.94	2.66	1.41	.64	3.84	.74	2.88	1.64	3.53	2.176
August.....	1.64	.79	1.38	2.76	.87	1.08	1.60	2.16	4.69	4.47	2.144
September.....	1.67	4.00	1.15	2.34	1.50	2.27	1.90	.74	1.09	2.59	1.925
October.....	3.04	1.53	4.19	2.57	4.11	3.70	1.63	1.44	1.20	.44	2.385
November.....	1.36	-34	2.67	1.74	1.59	2.78	2.61	3.02	2.50	.61	1.922
December.....	2.53	.78	3.55	.31	1.61	.70	5.17	1.47	.99	.52	1.763
TOTALS	16.67	19.91	26.17	19.21	16.49	22.79	21.90	24.74	24.56	27.18	21.962

C C C

RAINFALL AT Spring Gardens Westmister
Lat. Lon. County of Middlesex

Lat.

Lon.

County of

90 3 Rain Gauge, by

Observer Sir W. Bagalgette C.E.

LONDON 2/ Syc Bank Thames.

Diameter	8										
Height	6.0										
Altitude	307										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January.....	20	97	1.27	2.16	2.26	1.35	4.00	1.27	.78	.79	
February....	2.08	2.66	1.25	3.27	1.03	2.67		.50	.94	2.25	
March.....	.62	1.93	1.06	0.72	1.27	1.63	.91	1.25	3.09	1.38	
April.....	2.82	.47	2.37	1.60	.92	2.32	1.38	1.74	2.00	1.74	
May.....	.34	1.16	1.12	1.66	.84	2.29	4.96	1.56	1.06	3.54	
June.....	2.49	1.85	2.07	1.37	2.89	2.01	.79	1.22	2.90	2.33	
July.....	4.90	1.38	2.12	2.15	2.46	.73	2.40	.93	5.25	2.45	
August.....	4.54	4.96	1.48	0.71	.76	.76	.82	2.78	3.85	2.02	
September....	4.18	1.89	2.22	3.36	1.69	5.09	1.80	1.68	1.15	1.72	
October....	5.99	3.00	5.69	1.90	.95	3.57	1.92	1.41	1.23	3.87	
November....	1.76	2.26	2.51	2.75	1.69	3.18	2.85	3.43	4.10	.99	
December....	3.06	2.61	2.24	0.70	2.51	1.02	4.05	1.34	1.62	1.33	
TOTALS ...	28.94	25.14	25.40	22.35	19.26	26.52	(25.88)	19.11	27.97	24.41	

estd 500
Survey map
X110

1886 Jan + Feb Gauge broken by frost

n/a Rejected from Survey as 1" low.

RAINFALL AT Spring Gardens, Westminster

Lat.

Lon.

County of Middlesex

No 2 Rain Gauge, by

Observer

Sid McBagalgette. 68

LONDON 21 Chancery Lane Bank

E Bagalgette.

Diameter	12	Height	60.11	Altitude	95.1	Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January	22	·90	1.11	1.98	2.03	1.13	3.09								·66	·75	
February	2.03	2.53	1.14	3.07	·95	2.37	1.09								·74	1.75	
March	·54	1.82	·99	·63	1.17	1.83	·81	1.15							2.69		
April	2.16	·48	2.19	1.48	·85	2.14	1.26	1.53							1.82		
May	·30	1.09	1.04	1.59	·73	2.10	4.76	1.36							·92	3.16	
June	2.84	1.74	1.88	1.26	2.65	1.91	·68	1.08							2.61	2.12	
July	4.06	1.31	1.95	2.04	2.27	·68	2.20	·85							4.32	2.26	
August	·41	1.72	1.37	·67	·69	·69	·69	2.51							3.44	1.80	
September	4.02	1.78	2.09	3.20	1.57	4.65	1.56	1.55							1.04	1.49	
October	5.48	2.32	5.21	1.75	·86	3.33	1.71	1.24							1.14	3.45	
November	1.65	2.13	2.17	2.53	1.56	2.94	2.54	3.01							3.50	·85	
December	2.84	2.42	2.13	·58	2.20	·91	3.67	1.23							1.42	1.11	
TOTALS	26.57	23.19	23.27	20.78	17.53	24.40	24.06								24.30		

1887 Jan & Feb g. under repair

1889 Mar & Ap.

N.B. Rejected from Survey as 2° low.

RAINFALL AT Spring Gardens, Westminster

Lat.

Lon.

County of Westminster

No. 1

Rain Gauge, by

Observer

Sir J. M. Bazalgette, C.E.

LONDON 2/ Chancery Lane, Bank.

Diameter	8										
Height	66.4										
Altitude	95.1										
Year	1880	1881	1882	1883	1884	1885	1886	1887	1888	1889	MEANS.
January20	.82	1.02	1.79	1.80	.93	2.78	.94	.57	.68	
February	1.81	2.30	1.04	2.80	.89	2.11	.95	.35	.60	1.66	
March50	1.61	.89	.57	1.09	1.38	.69	.99	2.40	1.12	
April	1.99	.40	1.93	1.35	.79	1.95	1.13	1.30	1.72	1.52	
May26	1.03	.93	1.45	.60	1.87	4.32	1.17	.84	2.97	
June	2.20	1.60	1.74	1.13	2.40	1.76	.60	1.02	2.43	1.94	
July	4.25	1.19	1.76	1.91	2.12	.64	2.00	.76	3.59	2.08	
August37	4.48	1.24	.61	.63	.62	.61	2.26	3.08	1.65	
September	3.80	1.70	1.96	3.00	1.42	4.18	1.41	1.42	.97	1.39	
October	5.22	2.56	4.78	1.61	.77	2.99	1.47	1.05	1.04	3.23	
November	1.00	1.92	1.97	2.31	1.35	2.35	2.13	2.63	3.24	.79	
December	2.60	2.12	1.95	.53	1.98	.77	3.29		1.25	1.08	
TOTALS	246.70	21.73	21.21	19.06	15.84	21.75	21.38		21.79	20.11	

1887 Dec. 9. under repair.

N.B. Reputed from Survey as 82° low.

RAINFALL AT Westminster Spring Gardens SW

Lat.

Lon.

County of Middlesex

No 3 Rain Gauge, by

Observer London County Council

LONDON 2/ Thames Left Bank

A R Birnie & Co

Diameter	8	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
Height	6 0											
Altitude	35 ft											
Year		1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	
January		2.52	2.01	.35	1.19	2.77	1.38	.61	1.58	.56	2.34	
February		1.00	.05	1.47	2.70	1.59	(.12)	.21	2.45	1.12	1.73	
March		1.74	1.60	.96	.36	.96	.97	2.80	2.94	1.11	.39	
April		2.24	.84	.97	.04	1.23	1.45	.46	1.74	.95	2.03	
May		.99	2.40	1.56	.54	1.46	.28	.11	.92	1.71	1.16	
June		.95	2.38	.59	1.80	.22	1.78	1.89	1.16	.53		
July		4.20	1.38	2.30	2.66	3.33	1.11	.65	.95	2.72		
August		1.74	3.93	3.19	1.46	2.82	2.76	1.25	1.98	.88	.23	
September		.56	1.35	2.50	.84	.96	1.45	5.71	3.20	.31	3.43	
October		1.13	1.60	3.70	3.80	4.30	2.76	2.64	.47	2.64	2.00	
November		1.42	1.77	2.22	1.76	2.54	3.09	1.04	.87	1.78	1.71	
December		.62	2.97	1.62	2.21	2.16	2.14	3.17	1.91	2.02	.56	
TOTALS		26.67	22.30	17.79	25.26	19.95	20.89	20.60	15.19	18.83		

1890 During parts of the months June & July viz from the 9th to the 30th inclusive & July 1st to the 5th inclusive Gauge No 3 was defective and not in use

Snow fell on the following dates in Dec: 15th, 17th, 19th, 21st, 27th, 29th & 30th & remained frozen & unrecorded till the thaw on the 31st

1895 February Gauge frozen computed

1899 Gauge under repair from Nov 6th to Dec 6th inclusive

No 3 Rejected from Survey as 1st best.

RAINFALL AT Westminster Spring Gardens S W

Lat.

Lon.

County of Middlesex

No. 1 Rain Gauge, by

 Observer London County Council
 at Birnie Esq., Cr.

LONDON 2/ Thames Left Bank.

Diameter	8										
Height	66.4										
Altitude	95 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	1.91	.28	1.05	2.50	1.10	.58	1.56	.57	2.18		
February89		1.28	2.50	1.43	(.10)	.21	2.44	1.09	1.67	
March	1.49	1.24	.84	.33	.86	(.90)	2.75	2.92	1.07	.35	
April	1.88	.77	.91	.03	1.11	1.26	.45	1.67	.93	2.01	
May90	2.21	1.43	.48	1.34	.28	.11	.88	1.70	1.11	
June	2.55	.84	2.17	.52	1.63	.22	1.75	1.84	1.06	.45	
July	3.81	3.79	1.27	2.12	2.49	3.29	1.10	.63	.91	2.76	
August	1.43	3.44	2.96	1.29	2.56	2.71	1.22	1.95	.87	.22	
September48	1.22	2.25	.75	.87	1.41	5.67	3.15	.30	3.42	
October94	4.26	3.36	3.52	3.97	2.72	2.63	.46	2.63	1.95	
November	1.14	1.66	2.05	1.59	2.34	3.00	1.04	.85	1.74	3.88	
December	2.59	1.39	2.05	1.91	2.09	3.16	1.94	1.98	1.00		
TOTALS		20.19	16.23	23.01	19.08	20.67	20.29	14.85	21.00		

1890 Between Dec: 15th & Dec: 26th inclusive Gauge No. 1
 was defective and not in use

1895 Feb + March Frozen amount partly computed

1896 Sir A. R. Birnie's attention was called to the fact that
 the returns for gauges 1 + 2 are identical

N.B. Rejected from Survey as 2" low.

RAINFALL AT Westminster Spring Gardens SW

Lat.

Lon.

County of Middlesex

No. 2

Rain Gauge, by

LONDON 2/ Thames Left Bank.

Observer London County Council
a R Birnie Esq Ck

Diameter	12										
Height	65.11										
Altitude	95 ft										
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January	2.06	.30	1.11	2.63	1.23	.58	1.56	.58	2.17		
February	.91		1.38	2.60	1.50	(.10)	.21	2.44	1.09	1.67	
March	1.54	1.39	.91	.34	.90	(.90)	2.75	2.92	1.03	.36	
April	2.01	.83	.94	.03	1.16	1.26	.45	1.67	.92	2.02	
May	.94	2.32	1.49	.51	1.39	.28	.11	.88	1.67	1.14	
June	2.70	.93	2.29	.55	1.72	.22	1.75	1.80	1.06	.44	
July	4.02	4.18	1.31	2.20	2.58	3.29	1.10	.62	.91	2.75	
August	1.50	3.72	3.06	1.39	2.67	2.69	1.22	1.94	.87	.23	
September	.50	1.30	2.35	.78	.92	1.39	5.67	3.09	.30	3.43	
October	.97	4.49	3.52	3.66	4.16	2.72	2.63	.46	2.64	1.95	
November	1.21	1.71	2.13	1.67	2.42	3.00	1.04	.85	1.73	3.89	
December	#	2.82	1.50	2.13	2.03	2.09	3.16	1.90	1.97	1.04	
TOTALS				21.18	16.97	24.08	19.17	20.67	20.13	14.77	21.09

1890 Between Dec 15th & Dec 31st inclusive Gauge No 2 was

defective and not in use

1895 Feb & March Computed gauge frozen

N.B. Rejected from Survey as 2° low.

RAINFALL AT Westminster Spring Garden 1
 Lat. Lon.
 London North of the Thames County of Middlesex 1903

Rain Gauge, by Observer Sir A.R. Buxton Cl.
 Thames - 2. Maurice Fitzmaurice Esq. Cl.

Diameter ..	8										MEANS.
Height	66.4										
Altitude ..	95 ft										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..	2.40	.48	.59	1.83	1.64	1.10	3.31	.65	1.24	.52	1.376
February ..	3.62	.78	.81	.74	2.65	.65	1.60	.96	1.28	.28	1.337
March ..	.73	1.87	1.38	1.82	1.46	3.14	.77	.70	1.97	2.29	1.613
April ..	.68	1.64	.35	1.70	.96	1.30	.61	2.83	1.92	1.64	1.363
May ..	.90	.67	2.04	3.18	1.80	1.22	1.08	1.57	1.53	1.45	1.544
June ..	2.00	1.61	2.65	5.66	.80	4.23	2.56	1.92	1.32	4.23	2.698
July ..	1.05	3.66	1.27	4.52	2.44	1.36	.64	1.81	3.18	2.92	2.235
August ..	1.88	1.78	2.85	4.03	1.18	2.32	.82	1.55	2.17	1.47	2.015
September ..	.79	1.43	.85	1.25	1.56	1.55	1.45	.49	1.27	2.03	1.266
October ..	1.55	1.99	1.35	4.99	1.53	.84	2.74	2.21	1.85	3.84	2.289
November ..	1.55	.50	1.55	1.99	1.51	2.73	3.60	1.79	.61	.70	1.643
December ..	2.19	2.58	1.22	1.16	1.64	.78	1.71	2.98	1.46	2.04	1.776
TOTALS ..	19.34	18.99	16.91	32.97	19.17	21.22	20.79	18.95	19.80	23.41	21.155

1903 From August 29th to September 7th inclusive the gauge was under repair and not in use.
 This gauge is not read on Sunday.

N.B. Rejected from Survey as 2° low.

RAINFALL AT Westminster, Spring Gardens 2

Lar.

Long.

London North of the Thames - 1903
County of Huddersfield

Theme - 2.

Rain Gauge, by

Observer Sir A.R. Binnie Cr.

City of Madison.

of

L. 1921

Wickham

Observer Sir A.R. Binnie Cr.

Marcus isthmeus Esch

maurice roymans eq. le

1904 July Gauge under repair 3rd to 11th
This gauge is not read on Sundays

N.R. Rejected from Survey as. 2° low

RAINFALL AT Westminster Spring Gardens 3
 Lat. Lon. County of Middlesex 1903
 London North of the Thames

Thames - 2.

Rain Gauge, by

Observer Sir A.R. Binnie C.B.
 Maurice Fitzmaurice Esq.C.

Diameter ..	8	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
Height	6 0											
Altitude ..	35 ft											
Year		1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	
January ..	2.52	.56	.63	1.85	1.60	1.22	3.50	.72	1.42	.60	1.462	
February ..	3.80	.79	.82	.74	2.69	.66	1.67	1.05	1.43	.34	1.399	
March76	1.94	1.43	1.83	1.49	3.21	.89	.80	2.18	2.30	1.683	
April73	1.67	.36	1.73	1.05	1.40	.64	2.88	2.14	1.73	1.433	
May95	.69	2.31	3.24	1.90	1.22	1.11	1.62	1.60	1.47	1.611	
June	2.14	1.64	2.81	5.76	.85	4.27	2.49	1.99	1.39	4.34	2.768	
July	1.13	3.70	1.29	4.64	2.55	1.47	.66	1.32	3.43	3.02	2.341	
August	2.07	1.88	3.03	4.40	1.20	2.46	.89	1.66	2.29	1.50	2.138	
September ..	.87	1.48	.90	2.48	1.68	1.55	1.52	.51	1.43	2.12	1.454	
October	1.61	2.09	1.38	5.04	1.62	.90	2.84	2.35	1.88	3.84	2.355	
November ..	1.62	.51	1.58	2.11	1.62	2.84	3.64	1.82	.66	.75	1.715	
December ..	2.24	2.67	1.23	1.14	1.59	.80	2.06	3.09	2.21	2.16	1.919	
TOTALS ..	20.44	19.62	17.77	34.96	19.84	22.00	21.91	19.81	22.06	24.17	22.258	

Aug 20 Aug 20 Aug 20

This Gauge not read on Sundays

N.B. Rejected from Survey as 1" low.

RAINFALL at Westminster Spring Gardens No 1

County of London

Sir M Fitzmaurice Esq C.M.G
Observer London County Council

River Basin. Thames. Left Bank Tributary 2

London County Council

Rain Gauge, by

Gauge not read on Sundays

N.B. Rejected from Survey as 2nd low

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51-30-22	07-40		Talgar Sq	200 yards 165 yds	NE.	St Martin's	300 yards 1/8 M	NE

RAINFALL at Westminster Spring Gardens N° 2

County of London

Observer M F Tymanus Esq C.M.G.

River Basin Thames - Left Bank Tributary - 2.

London County Council

Rain Gauge, by

Diameter ...	12										
Height	65.11										
Altitude ...	95 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.27		3.39	2.13	.46	3.89	1.09	1.21	2.74	2.70	
February ...	2.10		1.47	.73	2.26	3.26	3.37	.85	.96	2.39	
March81		2.30	1.95	4.01	.73	3.89	1.83	.93	3.39	
April	1.44		.02	2.43	.67	1.10	1.29	1.89	2.67	2.97	
May	1.98		1.06	1.28	1.77	3.85	1.85	2.38	2.10	.84	
June	1.73		2.62	.52	1.17	.66	1.76	2.54	1.05	1.57	
July	2.23		1.21	1.55	1.47	4.12	1.36	3.83	5.98	2.08	
August	1.62		4.32	1.23	1.15	3.14	6.12	3.87	1.45	1.87	
September ..	.50		2.17	1.75	.80	2.17	1.52	2.48	4.68	.98	
October ...	1.44		1.81	3.17	1.02	1.53	2.96	3.44	1.34	.62	
November ..	2.39		1.87	2.41	3.13	2.07	3.76	1.38	2.00	1.17	
December ...	3.32		2.76	.81	6.39	4.83	2.26	1.08	2.01	3.27	
TOTALS ...	20.83		24.50	19.96	24.30	31.37	31.23	26.78	27.91	23.35	

Gauge not read on Sunday.

N.B. Rejected from Survey as 2" low

Date.	Lat. N.	Long. W.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51.31.22	0.7.60		Westminster	200 yds 400 ft	NE	St Martin's	300 yds 18 m	NE

RAINFALL at Westminster Spring Gardens N.3

County of London Observer M Fitzmaurice Esq C.M.G.
 River Basin Thames. Left Bank Tributary - 2. London County Council
 Rain Gauge, by _____

Diameter ...	8										
Height	6 0										
Altitude ...	35 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	1.15		3.37	2.19	.46	3.91	1.12	1.21	2.77	2.72	
February ...	2.35		1.60	.75	2.27	3.28	3.37	.85	.96	2.39	
March84		2.05	2.04	4.06	.70	3.92	1.83	.94	3.40	
April	1.59		.02	2.53	.67	1.10	1.29	1.93	2.67	3.00	
May	2.12		1.08	1.29	1.81	3.87	1.89	2.36	2.14	.34	
June	2.09		2.63	.52	1.18	.66	1.77	2.59	1.08	1.58	
July	2.40		1.23	1.61	1.23	4.14	1.36	3.81	6.05	2.09	
August.....	1.73		4.59	1.26	1.41	3.18	6.18	4.04	1.45	1.87	
September ..	.53		2.03	1.78	.82	2.17	1.57	2.50	4.69	.98	
October ...	1.94		1.82	3.20	1.02	1.54	3.00	3.49	1.36	.62	
November ..	3.05		1.38	2.42	3.15	2.11	3.81	1.39	2.00	1.18	
December ...	2.88		2.83	.81	6.46	4.91	2.28	1.09	2.02	3.29	
TOTALS ...	22.67		24.83	26.46	24.54	31.60	31.56	27.09	28.13	23.46	

Gauge not read on Sundays
 County Hall 70 ft high 52 ft NW

N.B. Rejected from Survey as 1st low.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
51° 3' N	07° 40' W	Westminster	200 yds 600 ft	NE	S. Martin	300 1/8 mi	NE	

RAINFALL at Westminster-Spring Gardens No. I.

County of London
River Basin Thames 2Observer Sir M. Fitzmaurice G.M.G.
London County Council

M0 Rain Gauge, by _____

dewar vessel

glass vessel

Diameter ...	S										
Height	66.4										
Altitude ...	95										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	2.40										
February ...	6.1										
March 1	2.21										
April.....	2.48										
May	7.2										
June	1.41										
July	3.93										
August	1.75										
September...	3.37										
October.....	1.00										
November...	7.9										
December...	2.12										
TOTALS...	21.99										

Gauge not read on Sundays

inspected 26. XI. 23.

The 8-in. gauge was situated on the top of the roof, all round at a distance of 8-in. from the walls. The shelter was being good. Therefore it is recommended that the loss would be small.

N.B. Recycled from Survey as 2nd best.

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
1920	51°30'22"	0°7'40"	Trafalgar Sq.	200 yds	NE	St. Martin's	300 yds NE

RAINFALL at Westminster Spring Gardens No 2.

County of London
River Basin Thames 2Observer Sir M. Fitzmaurice C.M.G.
London County CouncilStandard
funnel
diam. in.

Rain Gauge, by

Diameter ...	12									MEANS.
Height	65.11									
Altitude ...	95-									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
January ...	2.39									
February61									
March	1.20									
April.....	2.48									
May72									
June	1.41									
July	3.93									
August	1.70									
September...	3.37									
October.....	1.00									
November...	.99									
December...	2.12									
TOTALS...	21.92									

Gauge not read on Sundays

see reverse sheet for E.S. q.

NB. Ejected from Survey 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. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51°31'22	0°7'40	Trafalgar Sq.	200yd	NE	St. Martins	300yd	NE

RAINFALL at Westminster Spring Gardens No. 3.

County of London

Observer: Sir M. Fitzmaurice C.M.G.
London County Council

River Basin Thames 2

Rain Gauge, by _____

Diameter ...	8	7.8 in.									
Height	6.0										
Altitude ...	35-										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930
January ...	2.43	2.04	2.59	1.36	2.63	1.73	2.30	1.62	3.04	.89	2.22
February62	.20	2.01	2.91	.54	2.71	3.02	3.20	1.30	.51	0.63
March	1.21	1.06	1.37	2.30	.56	.80	.23	2.35	1.07	.00	1.18
April.....	2.72	1.19	2.80	1.37	2.85	1.78	3.19	1.92	1.12	1.82	1.29
May72	1.03	1.25	2.18	2.59	1.55	1.64	1.48	1.75	1.83	2.91
June	1.41	.29	1.32	.54	1.98	.11	3.20	2.67	2.34	1.11	4.84
July	3.94	.15	3.61	3.12	4.92	3.42	1.84	2.42	2.05	1.46	1.39
August	1.75	.84	2.06	1.58	2.30	2.36	2.09	4.05	2.61	1.80	2.54
September...	3.37	1.99	1.83	1.17	2.59	2.19	1.21	4.15	.62	.13	3.32
October.....	1.00	.82	1.05	4.64	3.70	2.61	2.14	1.22	3.04	2.89	1.19
November...	.99	1.85	1.33	1.25	2.36	1.53	4.92	2.49	1.60	4.89	3.39
December...	2.13	.98	2.95	1.99	2.95	2.55	.27	3.67	2.43	3.87	1.43
TOTALS...	22.29	12.44	24.17	24.41	29.97	23.34	26.05	31.24	23.03	19.60	26.33

Gauge not read on Sundays

County Hall 70 ft high 52 ft N.W. Inspected & b. XI. 23.



The gauge appears to be broken by the use of the ornamental plant stand in the gardens outside the Office of the L.C. near the Admiralty Arch. The gauge only held 2.2 inches. It was accurately graduated (Cedell) & scales clearly read. The main body of the gauge was the office plant stand, tilted S.W. resulting in an angle of 45°. The bottom is not standard but was designed in accordance with the gauge stand used in its construction. There was sufficient shelter allowed to give accurate good results.

Position of Station on reduced Ordnance Survey } No. of Map

Reference No.

Date.	Lat. N.	Long. W.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920	51° 31' 22"	0° 7' 40"	Trafalgar Sq	200yd	NE	St. Martin	300yd	NE

WESTMINSTER

RAINFALL at Spring Gardens

County of London

Observer London County Council

River Basin Thames Left Bank trib 2

Type of Gauge

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

Ref.

660627/26

Diameter	8										Means
Height	60										
Altitude	35										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	1.00	1.35	1.86								
February	1.69	1.19	1.27								
March	1.15	1.20	1.50								
April	3.68	2.41	1.47								
May	2.74	3.37	1.76								
June	1.76	62	1.67								
July	2.52	1.96	1.46								
August	3.65	2.04	1.46								
September	2.24	2.14	2.96								
October	1.64	5.75	1.29								
November	1.82	86	1.76								
December	1.72	37	1.35								
TOTALS	22.61	22.25	14.81								
	D.	D.	D.								

*If gauge dismantled when replacement was transferred
to County Hall.*

Position of Station on reduced Ordnance Survey Map, } No. of Map.....

Reference No.....

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge

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