

RAINFALL AT *Sutton W. W.*

Lat. _____

Lon. _____

County of *Surrey*

Rain Gauge, by _____

Observer *W. Vaux Graham Esq. C.E.*

5. Shams. mile.

Diameter										5		
Height										1 . 0		
Altitude										110	150	
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January										2.77		
February										2.38		
March . . . . .										.67		
April										2.19		
May										1.53		
June . . . . .										.82		
July . . . . .										.52		
August . . . . .										.72		
September										2.71		
October										2.32		
November										4.55		
December										<i>2.69</i> 1.83		
TOTALS										23.01		

St Nicholas Church Sutton 1/2 mile W

RAINFALL AT

Dist. Sutton Water Works

Lat.

Lon.

County of

Surrey East

Rain Gauge, by

N+31

Observer

W. H. Graham Esq. C.E.

5/ Thames. Mole.

Diameter ..	5										
Height	10							16			
Altitude ..	157							166			
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	3.49	.87	.66	2.28	3.65			.84	1.40	.86	
February ..	4.34	1.42	.76	1.49	3.19			1.32	.86	.57	
March ....	.88	2.38	1.66	2.34	1.43			.61	2.78	3.10	
April .....	.99	1.95	.74	1.70	1.33			3.31	2.48	2.27	
May	1.27	.82	2.36	2.49	2.41			1.67	1.96	1.16	
June	3.10	1.59	4.12	6.67	.92			1.75	2.21	3.64	
July	1.43	2.67	1.23	4.28	1.66			.73	2.82	2.83	
August	2.66	1.87	3.60	4.53	1.77			2.31	2.98	1.81	
September ..	.76	1.48	2.24	3.06	1.23			.51	1.34	2.78	
October	1.89	2.58	1.48	5.97	1.88			3.63	2.23	4.01	
November ..	1.77	.54	2.04	2.28	1.39			1.94	.58	.87	
December ..	2.53	3.95	1.40	2.31	2.27			3.21	1.92	2.81	
TOTALS ..	25.11	22.12	22.28	39.40	23.13	Not Recd		21.83	23.56	26.71	

1902 St Nicholas Sutton *555 yards W 1907*
 1907 Sutton Station *533 yards S W*
 Eggar House *48 ft high 100 ft E*

RAINFALL at Sutton WaterworksCounty of Surrey Observer W Vane Graham Esq C.E.River Basin Thames-Mole 5Rain Gauge, by N+3

Diameter ...	5											
Height	16											
Altitude ...	166 π											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.16	1.06	2.87	3.17	.37	4.47	.92	.96	2.96	2.99	2.193	783
February ...	3.45	1.05	1.57	.78	3.29	4.27	4.24	.86	.95	2.01	2.247	806
March	1.15	1.82	3.20	2.85	4.15	.69	4.47	1.33	.83	3.18	2.367	981
April	1.64	1.95	.09	2.62	.77	1.33	1.38	2.12	3.59	2.63	1.812	772
May	1.81	2.54	1.25	1.22	1.23	3.20	2.64	1.79	1.98	.13	1.779	654
June	2.21	2.24	2.99	.20	1.48	.53	2.35	1.85	.89	1.24	1.598	633
July	2.03	.26	1.60	2.28	1.91	3.44	1.34	4.89	5.98	2.04	2.577	142
August	2.74	.62	5.75	1.72	1.54	1.77	3.58	4.33	.96	2.66	2.568	1153
September ...	1.09	1.26	3.15	1.75	.99	2.01	1.53	2.34	5.02	1.19	2.033	1008
October ...	3.17	3.23	2.40	3.67	1.26	2.43	3.81	3.18	2.18	.71	2.604	988
November ..	2.95	3.31	1.85	2.45	3.35	2.21	5.56	1.41	2.22	1.26	2.660	1045
December ...	3.75	5.86	2.74	1.09	7.26	5.31	2.84	1.52	1.92	3.74	3.603	1002
TOTALS ...	28.15	25.20	29.49	23.81	27.60	31.66	34.66	26.58	29.48	23.78	28.041	
	Σ		Σ	Σ	Σ	Σ	Σ	Σ	Σ	Σ		

1910 Enginehouse 48 ft high 100 ft E

114.50 ✓

114.50
23

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Sutton	533 yds	SW	Sutton	566 yds	W

RAINFALL at Sutton WaterworksCounty of SurreyObserver W. Vause Graham Esq. C.E.River Basin Thames - Mole 5-M.O. Rain Gauge, by R. J.

Total

25.50

20.32

15.67

22.49

19.93

18.04

26.67

24.16

23.67

26.69

32.38

30.49

286.01

Diameter ...	5"											
Height	1 6											
Altitude ...	166											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930. 1930.	Mean
January ...	2.34	1.67	2.72	1.37	2.43	1.67	2.83	2.23	3.63	1.18	3.38	2.32
February ...	.60	.18	2.00	3.69	.62	4.08	2.28	4.13	1.48	.55	.66	1.84
March	1.89	1.47	1.70	1.99	.70	.97	.29	2.50	2.20	.11	1.85	1.42
April	2.55	1.01	2.26	1.74	3.69	2.17	3.31	1.74	1.56	1.03	1.43	2.05
May .....	.46	2.03	.91	2.23	2.81	1.69	1.43	1.19	2.04	1.46	3.63	1.81
June	1.53	.20	1.39	.35	2.94	.12	3.80	3.24	2.61	.95	.81	1.64
July	3.67	.16	3.31	2.96	3.33	3.33	1.57	2.68	2.34	1.88	1.94	2.43
August	1.69	.65	2.03	2.23	3.25	2.12	1.29	3.42	2.77	1.96	2.75	2.20
September...	2.83	1.37	1.71	1.36	3.20	2.45	1.58	4.86	.91	.12	3.28	2.15
October .....	.79	.53	.98	5.23	3.39	2.52	2.80	1.16	4.88	3.37	1.04	2.43
November...	1.43	1.67	1.33	1.67	3.34	2.25	5.10	2.78	2.17	6.27	4.37	2.94
December...	1.72	1.16	3.77	2.23	3.45	2.43	.38	3.92	2.57	6.76	2.10	2.77
TOTALS...	21.50	12.08	24.16	27.05	33.15	25.80	26.66	34.05	29.18	25.16	27.24	26.00
	D	D	D	D	D	D	D	D	D	D	D	

1920. Engine House 45 ft high 100 ft E.

8/1/27 Inspected by Mr. Corleam :- see green file

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
1920			Sutton	5337 ft	S.W.	Sutton	566 ft	W.

RAINFALL at Sutton (Waterworks)County of SurreyObserver W. Vaux, Graham, Esq., C.E. ^{died 1940}River Basin Thames - Mole & C5The Sutton District Water Co.Type of Gauge SnowdonAnnual Average 25.4 in. based on 38 years obs. un-weighted. Period of average 1881 - 1915 Ref. I.W.5
25.5 comp. by G.C. (1940) of 120046/20 667037/26

Diameter	5										
Height	1 6									1 0	
Altitude	166										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.50	2.51	1.69	1.84	1.07	4.64	5.08	2.35	4.55	2.24	2747
February	1.67	.30	2.94	.34	3.09	2.17	4.16	.63	1.43	1.48	1821
March	.23	1.47	2.70	2.49	.25	1.13	3.73	.42	1.11	3.13	1666
April	4.07	2.15	.62	2.78	2.82	1.29	2.28	.13	2.38	1.83	2055
May	2.89	4.10	3.37	.47	1.25	.51	2.63	1.90	1.56	1.07	1975
June	1.37	1.08	1.28	.71	4.12	3.19	2.06	.48	1.09	.27	1565
July	2.87	2.74	1.67	2.17	1.27	3.66	.73	1.33	2.23	2.25	2092
August	4.50	.99	.66	1.84	2.64	.88	3.23	1.89	3.98	.09	2070
September	2.22	1.65	2.56	1.26	2.94	2.60	2.06	2.14	1.78	1.21	2042
October	.80	5.39	1.78	1.52	3.11	2.29	3.12	2.46	5.56	2.62	2865
November	3.11	.89	1.06	2.23	4.89	3.64	1.50	3.71	4.41	7.47	3291
December	.56	.45	.46	5.80	3.77	2.80	4.58	3.27	1.30	1.15	2414
TOTALS	25.79	23.72	20.79	23.45	31.22	28.80	35.31	20.71	31.38	24.81	26603

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

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

RAINFALL at Sutton (Waterworks)

41

County of SurreyObserver The Sutton District Water Co.River Basin Thames, Mole, &c.Type of Gauge SnowdenAnnual Average 25.4 in. based on 22 years obs. un-weighted. Period of average

Ref.

File No. 667037/26

Diameter	5"			287	126						
Height	1' 0"				1						
Altitude	166'	161'			41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.02	2.49	5.30	1.43	1.75	1.47	1.61	3.15	.93	.86	21.01
February	2.13	.57	1.97	.71	1.11	1.82	1.29	1.29	.99	4.08	15.96
March	3.22	2.07	.29	.01	1.04	1.33	4.70	.76	.81	.94	15.17
April	1.49	1.30	.95	1.34	1.14	2.43	1.68	1.35	1.76	2.93	16.37
May	1.54	3.53	2.49	.49	2.56	3.58	1.42	1.76	2.42	1.56	21.35
June	2.14	1.18	1.10	2.14	1.47	2.54	2.68	2.17	.70	1.40	17.52
July	3.64	2.36	1.27	2.49	3.18	1.58	1.55	1.03	.66	3.34	21.10
August	4.08	2.84	1.61	2.35	1.86	4.67	.13	3.39	1.16	1.69	23.78
September	.41	1.49	1.62	2.56	1.83	2.76	1.33	1.15	.44	2.25	15.84
October	.69	4.25	2.85	3.31	2.32	0.87	.40	1.61	5.44	.37	22.17
November	2.60	2.18	1.24	3.55	.17	3.46	1.00	1.50	2.58	5.19	23.47
December	1.74	2.65	1.86	1.98	3.34	2.70	2.49	3.23	1.03	1.57	22.59
TOTALS	25.70	26.91	22.55	22.36	21.77	29.21	20.28	22.45	18.92	26.18	236.33

Site inspected 10/7/46. Gauge in sound condition - "London" meas. Satisfactory.

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.
1944			Sutton	1/4 m	SW	Sutton	1/4 m	W.

287/26

Station No. 143

RAINFALL at SUTTON - (Waterworks)

51

County of Surrey

Observer *Sutton District Water Co.*River Basin *5 Thames Moles*Type of Gauge *Snodden*Annual Average *25.7* in. based on *38* years obs. *un*-weighted. Period of average *Ref. AWS*File No. *667037/26*

Diameter ...	5"			287	126						
Height ...	1' 0"				1						
Altitude ...	161'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.86	2.09	.95	1.28	2.60	3.85	1.61	1.92	2.01	2.04	21.21
February ...	7.41	.88	1.19	2.13	1.64	.28	2.99	2.04	.05	1.70	20.31
March ...	3.07	2.46	.40	1.86	1.17	.84	.72	1.09	2.32	1.77	15.70
April ...	2.48	1.23	2.55	.35	.23	1.22	.19	1.31	2.13	0.88	12.57
May ...	2.03	2.09	1.53	3.30	3.79	.28	1.43	2.53	1.24	1.98	20.20
June ...	.98	1.82	1.48	3.16	1.56	2.39	1.34	5.03	.81	1.08	19.65
July ...	2.19	.73	3.47	2.69	.19	5.25	2.55	1.75	1.39	2.91	23.12
August ...	3.13	2.57	1.38	2.42	1.50	3.29	2.97	2.79	.91	3.11	24.07
September ...	2.86	3.45	2.66	2.21	1.58	2.02	2.64	4.47	.06	3.09	25.04
October ...	.89	2.82	3.86	1.99	3.13	1.24	1.52	3.13	2.11	5.79	26.48
November ...	6.06	3.11	1.21	4.83	.70	.52	2.58	1.55	3.68	4.09	28.33
December ...	2.39	2.13	.56	1.94	1.93	2.61	2.00	2.73	3.80	2.57	22.66
TOTALS ...	36.35	25.38	21.24	28.16	20.02	23.79	22.54	30.34	20.51	31.01	259.34
	D	D	D	D	D	D	D	D	D	D	

25.57 in } 18 yrs 1955-1972
 64.9 mm } (1" low)

overlooked in summary as repeated

(by Surrey C.C.)
 T&26 263642

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference *51/263642*

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1944			Sutton	1/4 m S.W.	Sutton	1/4 m W

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
Jan 1899		✓	✓	✓	✓	