

RAINFALL at Kingswood, Margery Hall Res.

County of Surrey Observer W. Warre Graham Esq., C.E.

River Basin Thames. Wandle 4

Smoother Rain Gauge, by N+3

Diameter ...					5									
Height					10									
Altitude ...					691									
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.			
January ...				4.49	.72	3.78	1.49	1.45	3.15	2.92		9.01	- 19	
February ...				1.16	5.76	5.47	4.74	7.2	1.40	2.88		9.74	SUMS	
March				3.46	4.87	.62	4.37	1.67	.86	4.05		10.95		
April				2.54	1.14	1.33	1.22	2.28	3.42	1.82		8.74		
May				2.13	1.01	3.16	2.41	1.56	1.32	.12		5.11		
June.....				.82	.84	.95	2.28	1.86	.61	.95		5.70		
July				4.01	2.14	4.28	1.47	4.85	4.37	1.92		12.61		
August.....				3.14	1.95	2.58	3.29	5.36	.80	2.83		12.28		
September ..				2.16	.87	3.11	1.99	2.13	6.46	1.93		12.50		
October ...				4.21	1.87	2.75	5.88	3.33	1.43	.77		11.41		
November..				8.27	4.48	2.96	5.29	1.55	2.40	2.05		11.29		
December...				1.60	9.31	6.74	3.59	1.70	2.30	5.76		13.35		
TOTALS ...				(3249)	34.96	37.73	38.02	28.46	28.51	28.00				

1913
Joint estimated P. from 13%
Ham Buildings 25ft high 150gr 5

122.99

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1913			Kingswood SER	2.5m	N	Kingswood	2.0	N

RAINFALL at Hingswood Margery Hall ReservoirCounty of Surrey Observer W. Vause Graham Esq. C.E.River Basin Thames - WandleSnowdon Rain Gauge, by N. & G.

Diameter ...	5"												
Height	10												
Altitude ...	691												
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
34.23	January ...	3.80	3.08	4.06	2.06	2.71	2.30	4.33	2.29	4.43	1.63	3.84	3.11
23.64	February ...	1.70	1.12	2.50	4.37	1.66	4.21	3.55	4.31	1.84	1.46	1.92	2.15
16.82	March	1.80	1.39	1.70	1.68	1.39	1.96	1.40	3.09	2.44	1.04	1.93	1.53
28.07	April	3.33	1.95	3.13	2.08	3.25	3.64	4.90	2.15	1.94	.97	1.73	2.55
23.87	May	1.68	1.53	1.99	3.25	3.93	2.58	2.18	1.19	2.30	2.40	2.84	2.17
21.92	June	1.97	1.11	1.42	1.49	2.80	2.22	5.09	4.78	2.92	1.68	1.47	1.99
34.55	July	5.74	1.57	3.67	3.95	3.65	3.93	2.50	3.55	1.89	1.86	3.24	3.14
31.66	August	1.60	1.30	2.68	2.59	3.31	3.39	2.42	5.12	2.98	2.85	3.92	2.88
27.41	September...	3.42	1.20	1.62	1.70	3.20	3.46	1.15	6.36	.41	1.16	4.43	2.49
34.89	October.....	1.27	1.76	1.80	6.43	3.90	3.74	3.14	2.41	6.40	3.86	1.88	3.17
41.69	November...	2.36	1.36	2.02	1.92	3.59	3.89	7.92	3.34	3.14	7.27	4.98	3.79
38.90	December...	3.03	1.70	5.66	2.90	3.45	2.93	.53	5.12	3.21	7.76	2.61	3.54
357.65	TOTALS...	29.40	14.07	30.25	33.32	35.84	35.25	38.11	43.71	34.50	30.41	32.79	32.51

1920 Farm Buildings 20'-4" high 160 ft S.

21-303283

8/8/27 Inspected by Mr Corless 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
1920			Hingswood	2.5 mi N	Hingswood

RAINFALL at Kingswood (Margery Hall Res.)

County of Surrey

Observer W. V. Graham Esq., C.E. ^{died 1940}

River Basin Thames, Wandle &

The Sutton District Water Co.

Type of Gauge Standard

Annual Average 30.2 in. based on 25 years obs. unweighted. Period of average 1881-1915. Ref. T.W.S.

30.5 computed by Mr. Smith (1910)

Ref. A 2007/10

667037/10

Diameter	5											
Height	1.0											
Altitude	691											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.01	2.60	2.32	1.96	1.02	5.23	5.45	3.07	5.47	2.56	31.69	
February	1.94	.59	2.40	1.33	3.17	2.11	4.71	1.01	1.69	2.26	20.21	
March	.64	1.50	3.42	2.53	.75	1.69	3.44	.32	1.49	3.06	18.84	
April	4.80	2.04	.77	2.79	3.47	1.67	3.03	.22	3.20	2.21	24.20	
May	3.28	4.04	2.41	.57	1.93	0.67	2.63	1.94	1.83	1.78	21.08	
June	1.78	1.56	1.90	.89	5.05	3.44	2.04	.58	1.24	.39	18.87	
July	3.32	2.97	1.83	1.79	.74	4.34	1.76	2.17	3.08	2.22	24.22	
August	4.85	.89	.87	2.17	3.59	2.00	1.66	2.73	3.78	.07	22.61	
September	2.51	2.15	3.05	1.74	4.07	2.51	2.34	2.68	1.96	1.46	24.77	
October	.67	6.19	2.50	2.34	4.01	2.00	3.71	3.02	6.92	3.28	34.64	
November	3.38	1.23	.96	3.13	5.32	4.64	2.08	2.66	4.78	7.25	36.643	
December	.64	.68	.68	8.21	3.89	2.83	4.25	4.02	1.31	1.35	27.86	
TOTALS	29.82	26.44	23.11	28.45	37.31	33.13	37.10	23.42	36.75	27.89	305.62	

(10)

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

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

Station No. 77

RAINFALL at Kingsway (Mangney Hall Res.)

41

County of Derbyshire

Observer The Southern District Water Co.

River Basin Thame & Wandle H.

Type of Gauge Standard

Annual Average 22.2 in. based on 25 years obs. un-weighted. Period of average 1881-1915 Ref. T.W.S.

File No. 167037/2b

Diameter	5"		287	361							
Height	1' 0"			1							
Altitude	691'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.43	3.29	5.49	1.72	2.02	2.97	2.42	4.65	1.45	1.21	27.64
February	2.52	.71	1.52	.97	2.06	1.99	1.98	2.68	1.63	5.70	21.76
March	3.57	2.01	.39	.12	1.33	1.28	5.98	1.06	1.24	1.77	18.45
April	1.56	1.41	1.06	1.49	1.18	2.68	2.06	2.03	2.13	3.24	18.84
May	2.19	3.82	2.60	.79	2.09	2.79	1.87	2.13	2.42	1.79	22.49
June	2.46	.16	1.71	1.59	2.14	2.44	2.26	3.23	1.10	1.51	18.60
July	3.18	2.08	1.83	2.49	2.70	2.90	1.38	1.61	1.40	3.41	22.98
August	4.03	3.19	1.38	2.86	1.43	5.47	.38	4.36	1.36	2.46	26.92
September	.38	2.36	2.19	2.30	2.33	3.77	1.61	2.07	.52	3.97	21.50
October	1.27	3.62	3.71	3.93	3.48	1.45	.30	2.15	8.04	.42	28.37
November	3.33	2.02	1.76	4.58	.41	5.56	1.41	2.29	3.18	7.42	31.96
December	2.15	3.07	2.10	2.39	3.88	2.96	3.05	4.68	1.87	1.83	27.98
TOTALS	29.07	27.73	25.74	25.23	25.05	36.26	24.70	32.94	26.34	34.73	287.79

944 Obs. begins Stake gauge board readings recovered on reservoir. Tree opposite base grown considerably since 1928.

M.C. Inspected 10/7/46. Funnel rests on iron bar in drain pipe - no outlet case. Site unsatisfactory. New pos. indicated.

1947 Gauge moved 25 yds. N. on 12th August.

Position of Station on reduced Ordnance Survey Map, | No. of Map Reference No.

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

Station No. 77

RAINFALL at KINGSTON (Mangotsfield Res.)

County of Gloucester

Observer The Sutton District Water Co.

River Basin A. Thames Wandle

Type of Gauge Snodgrass

Annual Average 30.2 in. based on 25 years obs. un-weighted. Period of average 1881 - 1915
 " " 33.65 " " 9 " " 1948-56. " " " 1916-1950
 File No. 667037/26

51

Diameter ...	5"			287	361							
Height ...	10"					1						
Altitude ...	691'					51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	3.96	2.27	1.82	1.59	3.10	4.66	2.52	3.24	3.24	3.27	29.67	
February	6.88	.98	1.57	2.54	1.63	.38	4.56	2.50	.09	2.40	23.53	
March	3.92	3.71	.38	2.81	1.63	1.09	1.70	1.48	2.67	2.06	21.95	
April	3.33	1.79	2.63	.43	.39	2.11	.32	1.06	2.78	0.97	15.71	
May	3.06	1.71	2.16	2.59	4.60	.28	1.67	2.83	.95	1.93	21.78	
June	1.43	1.82	1.91	4.93	1.88	3.44	1.06	4.50	1.58	1.73	24.28	
July	2.61	.91	3.81	4.08	1.68	6.11	4.04	1.68	1.04	4.14	30.10	
August	4.82	3.05	1.90	3.59	1.34	3.34	3.32	3.63	1.32	3.63	29.94	
September	3.44	2.99	4.14	2.80	2.46	3.53	3.23	7.08	.15	3.51	33.38	
October	1.28	3.71	4.21	2.75	4.86	1.40	2.16	4.09	3.13	6.88	34.44	
November	7.59	3.48	1.97	6.12	1.46	1.01	3.20	2.60	3.47	5.82	36.42	
December	3.32	2.99	.81	2.70	3.07	4.47	2.64	3.76	5.47	3.73	32.96	
TOTALS ...	45.64	29.41	27.31	36.93	28.09	31.82	30.42	38.95	25.89	39.70	334.16	
	D	D	D	D	D	D	D	D	D	D		

1957. Big. but accept.

D.B.

Position of Station on Ordnance One-Inch map : No. of Map National Grid Reference TQ(5)252526

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

Summary of Earlier Records from 10-year Sheets : Jan 1901 to Mar 1947

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓ c 1913	✓	✓	✓	✓
(6a)	Wt. 13072-389 10m 6/30 T.S. 841					