

## RAINFALL AT

Chiswick New Green Reservoir

Lat.

Lon.

County of

E. Surrey

Sandown Rain Gauge, by N &amp; J

Observer W. Yarwood Graham Esq. Ch.

4/ Thames. strand

Diameter ...										5	
Height .....										1.0	
Altitude ...										526 ft	
Year ...	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ...									1.64	1.17	
February ...									1.25	.70	
March .....									3.22	4.60	
April .....									2.29	2.15	
May .....									2.45	1.31	
June .....									1.54	3.85	
July .....									3.92	3.90	
August .....									4.43	2.29	
September ..									1.48	3.49	
October ...									2.53	5.09	
November ..									.75	1.02	
December ...									2.63	3.93	
TOTALS ...									28.13	32.40	

1908 Chiswick Church 1.06 miles S

Station 0.41 W

Recorded the 8. July 7092 SF

## RAINFALL at Chipstead New Green Reservoir

County of Surrey Observer W Yancey Graham Esq C.R.

River Basin Thames-Wandle 4

Swards Rain Gauge, by N.Y.G.

Diameter ...	5											
Height .....	10											
Altitude ...	528 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.53	1.56	3.11	4.47	.79	5.06	1.63	1.44	3.53	4.41	2.85	3
February ...	4.44	1.55	2.46	1.17	5.14	5.57	5.58	1.03	1.36	2.52	3.08	2
March .....	1.38	1.71	4.76	3.47	4.85	.92	4.40	1.80	1.24	4.16	2.86	9
April .....	1.77	2.06	.04	3.13	1.11	1.75	1.52	2.41	3.82	3.18	2.07	9
May .....	2.89	3.75	1.14	1.93	1.40	2.81	3.02	1.67	2.10	.27	2.04	8
June .....	2.23	2.70	3.69	.37	1.01	.85	2.30	1.61	1.23	1.02	1.70	1
July .....	2.59	.25	1.76	3.50	2.26	4.48	1.47	5.43	5.88	2.27	2.98	9
August .....	3.67	.86	6.56	2.23	1.92	2.33	3.12	6.29	1.25	2.85	3.10	8
September ..	1.05	1.20	3.94	1.83	1.50	2.53	1.75	2.23	5.81	1.60	2.34	4
October ...	2.94	4.46	3.12	4.52	1.66	2.46	5.13	4.28	2.20	.73	3.15	0
November ..	3.43	5.29	2.59	3.27	4.28	3.11	5.63	1.84	2.69	1.72	3.38	5
December ...	4.73	7.20	3.77	1.27	9.14	6.64	3.24	1.72	3.06	4.93	4.57	0
TOTALS ...	33.15	32.59	36.94	31.16	35.06	38.51	38.79	31.75	34.17	29.66	34.178	2

1910 Records to 28th July 1919 SE

134.37

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
910			Chipstead SERy 19 <sup>th</sup>	.14 0.61 mile	W	Chipstead	.06 mile	S

## RAINFALL at Chipstead - How Green Reservoir

County of Surrey

Observer W. Vause Graham Esq. C.B.

River Basin Thames - Wandle

Snowdon Rain Gauge, by R. S. G.

Diameter ...	5"												
Height .....	10												
Altitude ...	528												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930		
											Mean		
33.05	January ...	3.32	2.49	3.34	1.87	2.83	2.74	3.87	2.53	4.50	1.60	3.96	3.01
25.38	February ...	2.49	2.29	3.35	5.04	6.63	4.73	2.47	4.85	2.10	4.49	2.94	2.31
18.34	March .....	2.24	1.70	2.25	2.12	1.14	1.83	3.8	3.50	2.50	1.08	1.60	1.67
30.15	April .....	3.94	1.17	3.30	2.49	4.06	4.39	3.97	2.19	1.90	90	1.84	2.74
23.95	May .....	70	2.25	1.19	2.95	4.09	2.51	1.68	1.30	2.20	2.10	2.98	2.18
20.61	June .....	2.17	1.13	1.55	1.43	2.52	1.19	4.63	3.75	3.30	1.26	.68	1.87
31.82	July .....	5.37	1.32	4.16	3.33	3.61	3.12	2.25	3.55	1.60	1.55	2.96	2.89
29.41	August .....	1.76	1.70	2.00	3.13	3.70	2.79	2.00	4.08	3.10	1.78	3.37	2.67
28.48	September...	3.39	1.87	2.37	1.75	4.37	3.58	1.08	5.47	.46	1.10	4.30	2.59
35.44	October....	1.10	.87	1.96	6.73	4.15	3.45	2.78	1.85	6.80	4.10	1.65	3.22
39.74	November...	2.07	1.82	2.00	1.85	3.70	2.97	6.66	2.90	3.60	7.42	4.75	3.61
40.05	December...	3.09	1.72	5.44	2.84	5.06	2.94	.36	4.65	3.25	8.20	2.50	3.64
356.42	TOTALS...	29.64	15.83	32.91	34.53	39.86	34.24	32.13	40.62	35.55	29.58	31.53	32.40

1920 Recorder House 8 ft high 1041-813

Inspected by Mr. Corless 8/8/27 - 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.			Chipstead	.14 mi	W	Chipstead	.06	S.

## RAINFALL at Chipstead (How Green Res.)

died 1940

County of Surrey

Observer W. Vava Graham, Esq., C.E.

River Basin Thames - Wandsworth

The Sutton District Water Co.

Type of Gauge Standard

Annual Average 31.1 in. based on 31 years obs. un-weighted. Period of average 1881 - 1915. Ref. T.W.S.

30.7 capital by Mr. Cornish (1940)

Ref. A200087/00

667037/26

Diameter	5										
Height	10										
Altitude	523										527
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	2.75	3.10	2.52	2.16	1.22	5.80	8.81	3.17	5.64	2.49	34.66
February	1.28	3.0	2.30	2.7	3.93	2.29	8.40	6.9	1.68	2.24	20.38
March	.80	1.62	3.75	2.77	3.32	1.75	3.73	6.8	1.63	3.80	20.85
April	4.80	2.88	6.7	3.02	4.15	1.87	3.09	1.6	2.99	2.04	25.67
May	2.97	4.48	2.72	6.1	1.52	4.48	2.86	2.39	2.00	1.26	21.29
June	1.75	1.47	1.55	.85	4.84	2.98	1.91	.52	1.15	.47	17.49
July	3.20	4.02	1.91	1.84	9.7	4.43	.96	1.92	2.62	2.93	24.80
August	5.00	1.03	.77	2.44	3.13	2.30	1.45	2.43	3.40	.12	22.07
September	2.25	2.05	2.94	1.93	4.73	3.47	2.64	2.83	2.01	1.56	26.41
October	.76	6.33	2.26	2.33	4.41	2.53	3.79	3.26	7.34	3.54	36.56
November	3.95	1.29	1.97	3.49	5.85	4.91	2.23	3.95	5.42	8.48	41.54
December	.75	4.9	6.0	9.28	4.48	3.96	4.59	3.59	1.95	1.79	31.48
TOTALS	30.26	29.06	23.96	30.99	39.55	36.77	38.46	25.59	37.83	30.72	323.19
	M	M	-	D	D	D	D	D	D	D	

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

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

Station No. 89

41

## RAINFALL at Chipstead (Hawthorn Res.)

County of Surrey

Observer The Station District Water Co.

River Basin Thames: Wandsworth

Type of Gauge Standard

Annual Average 31.1 in. based on 31 years obs. un-weighted. Period of average 1931-1955 Ref. T.W.S.

File No. 667037/26

Diameter	5"		287	451							
Height	1' 0"			1							
Altitude	528'			41							
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.86	3.29	6.85	2.28	1.93	2.98	2.31	4.16	1.36	1.09	29.11
February	2.95	.55	1.99	.91	2.06	2.36	1.82	1.83	1.48	5.00	20.95
March	3.74	2.00	.32	.06	1.15	1.49	5.94	.95	.97	1.51	18.13
April	1.99	1.77	1.21	1.73	1.57	2.66	2.04	1.69	1.92	3.40	19.98
May	2.22	3.47	2.93	.75	2.63	3.60	2.25	1.70	2.12	1.37	23.04
June	3.10	.22	1.48	1.60	2.23	3.35	2.80	3.02	.90	1.49	20.19
July	3.75	2.28	1.65	2.86	3.79	2.58	1.63	1.56	.71	3.13	24.00
August	4.34	2.94	1.48	2.49	2.38	6.38	.22	4.26	1.44	2.23	27.16
September	.55	2.51	1.97	2.80	2.47	3.59	1.36	2.04	.43	3.29	21.01
October	1.31	4.07	3.68	4.58	3.71	1.40	.41	2.12	7.30	.57	29.15
November	3.12	2.15	2.01	4.49	.34	5.42	1.12	2.12	3.50	6.55	30.82
December	2.28	3.86	2.46	2.98	4.21	3.28	2.89	4.25	1.71	1.64	29.56
TOTALS	32.21	29.11	28.03	27.53	28.41	38.09	24.79	29.70	23.90	31.27	293.10

10/7/46. Gauge in sound condition. Site on top of reservoir roof satisfactory. -London" measure.

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	Parish Church.	Distance from gauge
1944			Chipstead	2/3 m	W	Chipstead	1.8 m S

Station No. 89

## RAINFALL at CHIPSTEAD (Horn Green Res.)

51

County of Surrey

Observer The Sutton District Water Co.

River Basin 4 Thames (Wandle)

Type of Gauge Standard

Annual Average 31.1 in. based on 31 years obs. un-weighted. Period of average 1881 - 1915 Ref. IWS

File No. 667037/26

Diameter	5"			287	451							
Height	1' 0"					1						
Altitude	528'					51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January	3.49	2.62	1.28	1.34	2.97	4.43	2.27	2.68	2.46	3.00	2654	
February	7.22	.83	1.52	2.66	1.84	.42	4.11	2.26	.07	2.25	23.18	
March	3.54	3.28	.41	2.64	1.43	.84	1.26	1.86	2.56	2.30	20.12	
April	3.31	1.60	2.67	.34	.30	2.05	.18	1.21	2.73	0.73	15.12	
May	2.63	1.65	2.11	3.88	4.43	.37	1.55	2.76	1.45	1.90	22.73	
June	1.19	1.53	1.42	4.58	2.13	2.94	.89	3.94	1.68	1.40	22.00	
July	2.43	.81	4.23	2.95	.93	5.16	3.02	1.75	1.40	3.67	2635	
August	3.84	2.91	1.44	3.55	1.51	3.75	2.86	3.31	1.41	3.88	2879	
September	3.16	2.89	3.93	2.22	2.15	3.03	3.22	5.14	.19	3.26	2919	
October	1.19	3.48	4.16	2.30	3.84	1.53	1.89	3.61	2.58	6.52	3110	
November	7.14	3.80	1.74	5.98	1.27	.80	3.08	2.01	3.68	5.38	3488	
December	3.23	2.25	.65	2.21	2.71	4.14	2.62	3.70	5.88	3.16	3085	
TOTALS	42.57	27.95	26.19	34.65	25.51	29.46	26.95	34.23	26.09	37.45	31085	
	D	D	D	D	D	D	D	D	D	D		

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference TQ(51)283551

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge		Parish Church.	Distance Direction from gauge	
1944			Chipstead	1 1/2 m.	W.	Chipstead	1 1/2 m	S

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d	C. Jan 1908.	1910-19	1920-30	1931-40	1941-50	1951-60
		/	/	/	/	