

RAINFALL AT

Caterham Reservoir

Lat.

Long.

County of Surrey

Symons' Rain Gauge, by James Mercer

Observer A. Cornwall-Walker Esq.

at 4/2nd Charnock's Woods.

Diameter ..						5					
Height ..						10					
Altitude ..						705 ft					
Year ..	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.
January ..						1.32	6.19	1.49	1.64	1.47	
February ..						1.02	2.92	1.91	1.52	.72	
March ..						4.34	1.91	1.12	3.43	3.73	
April ..						1.84	.72	3.87	2.83	2.15	
May ..						.79	1.71	2.33	2.50	1.51	
June ..						6.35	2.18	2.19	1.93	3.39	
July ..						.63	.51	1.31	4.02	4.26	
August ..						2.82	1.25	2.76	4.56	2.72	
September ..						2.54	2.13	.60	1.61	3.63	
October ..						1.50	4.76	4.30	2.49	6.55	
November ..						4.77	6.44	2.87	1.29	1.33	
December ..						.86	2.96	3.42	2.97	4.18	
TOTALS ..						28.78	33.68	28.17	30.79	35.64	

St. Mary Church Caterham 1100 yards NE

Caterham Station 1600 . NE

Reservoir 541 high 64 ft SE NE

RAINFALL at Caleham Reservoir

County of Surrey Observer A. E. Cornwall Walker Esq.

River Basin Thames-Wandle 4

First off Rain Gauge, by Townson & Mercer

Diameter ...	5										
Height	10										
Altitude ...	705 ft									717	
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.
January ...	2.70	1.77	2.74	4.32	1.22	4.95	2.28	2.12	3.84	4.07	3.008 12.31
February ...	4.38	2.02	2.66	1.44	4.58	5.29	5.27	1.12	1.81	2.72	3.159 10.92
March	1.37	2.12	4.52	3.91	5.59	1.06	4.94	1.99	1.19	4.86	3.185 12.98
April	2.05	2.10	.08	3.64	1.44	1.99	1.86	3.09	4.35	2.78	2.388 12.08
May	3.56	2.92	1.29	1.64	1.66	3.05	3.44	2.27	2.84	.22	2.239 8.27
June	2.32	2.31	4.07	.46	1.01	1.39	3.14	2.25	.88	1.20	1.903 7.47
July	3.42	.35	1.66	2.70	2.63	5.07	1.47	5.33	5.14	2.45	3.022 14.39
August	3.09	.55	6.22	2.40	2.15	2.95	3.94	6.47	1.24	2.96	3.197 14.61
September ..	1.23	1.49	3.57	2.06	1.32	3.01	1.76	3.28	5.98	1.22	2.492 12.24
October ...	3.44	5.26	3.68	5.13	2.09	2.95	6.04	4.62	2.19	.80	3.620 13.65
November ...	3.92	5.66	3.13	3.69	4.56	3.62	6.38	1.99	2.38	2.26	3.759 13.01
December ...	4.12	7.04	4.10	1.69	8.97	7.71	3.43	2.34	3.07	5.36	4.783 14.20
TOTALS ...	35.60	33.59	37.72	33.08	37.82	43.04	43.95	36.87	34.41	30.90	36698
	⇒	⇒	+	⇒	⇒	⇒	⇒	⇒	⇒	⇒	

1911 Hedge up high 16 ft E
 1918 June 3 f moved 163 ft N W
 on top of Reservoir

146.13

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1911			Caleham	1 mile	NE	St Mary's	3/4 m	NF

RAINFALL at Caterham Reservoir

County of Surrey

Observer A. E. Cornwall Walker Esq

River Basin Thames - Wandle 4

East Surrey Water Co.

Brit Ass Rain Gauge, by Stevenson, Merce

Diameter ...	5"											
Height	1 2											
Altitude ...	717						716					
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1930	Means
35.08	January ...	3.52	3.06	3.84	2.31	3.27	3.10	3.12	2.56	4.54	1.56	4.40
25.51	February ...	71	37	2.77	4.72	.81	4.97	2.84	4.48	1.84	.62	1.38
19.57	March	1.77	1.75	2.88	2.36	1.79	.98	.53	3.39	2.19	.04	1.89
30.77	April	3.50	1.55	3.87	2.67	3.85	3.02	4.88	2.15	1.99	1.15	2.14
25.48	May98	1.41	1.61	3.16	4.42	2.88	1.78	1.31	2.32	2.14	3.47
22.65	June	2.31	.16	1.84	.69	2.89	.26	4.61	4.94	2.85	1.49	.61
35.23	July	4.98	.18	4.02	3.74	4.59	4.17	2.11	3.08	1.99	3.01	3.36
34.96	August	1.59	1.91	3.28	2.82	3.98	2.64	2.99	6.29	2.80	2.64	4.02
29.49	September...	4.25	1.12	2.47	1.95	4.33	3.40	1.14	5.71	.48	.23	4.11
38.91	October....	1.76	1.30	1.46	7.95	3.88	3.82	2.81	2.25	6.44	4.95	2.24
40.21	November...	1.66	1.65	2.57	2.23	3.74	2.88	6.73	3.12	3.18	7.47	4.98
39.30	December...	2.92	1.84	5.09	3.48	4.15	3.27	.64	4.09	3.83	7.43	2.56
377.16	TOTALS...	29.95	16.30	35.70	38.08	41.70	35.39	34.18	43.37	34.80	32.53	35.16
												34.29

17. XI. 30 Inspected new site selected 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			Caterham	1 mi	NE	St. Mary's	3/4 mi	NE

RAINFALL at Caterham Reservoir

County of Surrey

Observer A.E. Cornwall-Walker, Esq.

River Basin Thames - Wandle 4

Type of Gauge.....M.

Annual Average 32.5 in. based on 7 years obs. - weighted. Period of average 1881-1915 Ref. I.I.S.

~~32.1 is computed by McComish (1940)~~

~~Ref A2009-07/02~~

1667.936.136

Diameter	5									
Height	1.9		1.0							
Altitude	717		705		705					
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940
January	1.96	2.97	2.53	2.56	1.82	6.17	5.80	3.87	5.70	2.72
February	3.04	72	2.40	1.41	3.90	2.39	4.93	1.09	1.87	2.47
March	.43	1.87	3.46	2.59	1.46	1.64	3.81	1.49	2.13	3.59
April	4.70	2.98	.89	3.22	3.44	2.30	3.62	.22	3.21	2.39
May	3.59	4.51	2.28	.69	1.77	.52	2.47	2.72	1.87	1.26
June	1.60	1.63	2.14	1.32	4.69	2.98	1.99	.68	1.31	.59
July	3.35	2.42	2.22	1.77	.83	4.69	1.10	2.20	2.54	3.17
August	5.01	1.04	1.04	2.11	3.37	.68	1.73	3.26	3.42	.14
September	2.14	2.33	3.00	2.01	4.98	2.25	2.23	2.98	1.77	1.92
October	.98	6.96	2.44	2.52	4.72	2.74	3.34	4.08	7.83	3.88
November	4.14	1.64	1.00	3.33	6.06	5.15	2.42	4.12	6.58	8.51
December	.86	.73	.59	8.02	4.04	3.99	4.68	4.11	2.01	2.07
TOTALS	31.80	29.80	23.99	30.55	40.08	35.50	38.12	29.32	40.24	32.71

1931. Roosevelt 12° 6' bright 26° N.W.
New lg. on new site fitted 17 Jan. 8.2. from Kas.

Position of Station on reduced Ordnance Survey Map, } *No. of Map.....*
1 mile to 1 inch Series }

Reference No.

Station No. 79

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RAINFALL at ... Reservoir

County of ...
Dorset

Observer G. E. ... L.R. ... CBE

River Basin ... Hamble & Wimble It.

EAST SNAPE WATER CO.

Type of Gauge ... N.O.

Annual Average 32.5 in. based on 7 years obs. un-weighted. Period of average 1931-1935 Ref I.W.S.

File No. 667036/21

Diameter	5"		287	642							
Height	1' 0"				1						
Altitude	705				41						
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.46	3.83	6.10	1.96	3.08	2.95	2.66	4.43	1.57	1.20	30.24
February	3.43	.93	2.20	.95	1.92	2.87	1.55	2.69	1.74	5.53	23.81
March	3.48	2.43	4.48	.06	1.39	1.52	6.43	.88	1.31	1.72	19.70
April	2.51	1.83	1.33	1.99	1.80	2.72	2.11	1.99	2.10	4.66	23.04
May	2.11	3.81	2.78	.55	3.51	3.38	2.00	1.82	2.04	1.55	23.55
June	2.94	.16	2.05	1.66	2.48	3.38	2.81	3.43	1.29	1.88	22.08
July	2.95	2.59	2.06	2.25	4.18	1.97	1.72	2.05	2.23	3.27	25.27
August	5.19	3.19	1.59	3.10	2.15	5.86	.28	5.92	1.31	2.29	30.88
September	.69	2.07	1.95	2.59	2.61	4.22	1.73	1.94	.54	4.10	22.44
October	1.65	4.06	3.23	4.66	4.48	1.48	.37	2.30	8.03	.31	30.67
November	3.38	2.17	1.76	4.85	.28	5.41	1.21	2.23	3.34	7.19	31.62
December	2.69	3.64	2.07	1.84	3.87	2.85	3.18	4.78	1.85	2.52	29.19
TOTALS	33.48	30.61	27.60	26.46	31.75	38.61	26.05	34.46	27.35	36.22	312.59
	D	D	D	D	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	Parish Church.	Distance from gauge

Station No. 79

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RAINFALL at CATERHAM Reservoir.

County of Surrey

Observer East Surrey Water Co.

River Basin 4 Thames Wards

Type of Gauge M.O. Mk II on map

Annual Average 32.5 in. based on 7 years obs. un-weighted. Period of average 1881 - 1915 Ref. 1925
 " " 33.28 " " 24 " Within 1931-56. " " " File No. 667036/26 S
 R 22320/52

Diameter ...	5"		287	642							
Height ...	1' 0"				1						
Altitude ...	705'				51						
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	4.20	2.74	1.43	1.62	3.70	4.68	2.52	3.4	3.47	2.90	30.40
February	6.81	1.04	1.84	2.66	2.02	.62	4.24	2.20	.10	2.31	23.84
March	3.92	3.98	.51	2.84	1.64	1.02	1.60	1.88	2.23	1.93	21.55
April	3.52	1.55	2.93	.41	.36	1.51	.09	1.05	2.36	0.91	14.69
May	2.57	1.36	2.07	3.39	4.74	.31	1.83	2.36	.69	1.61	20.93
June	1.71	1.78	1.84	5.23	2.06	3.50	1.50	5.02	1.53	1.63	25.80
July	2.38	.93	4.07	3.96	.25	4.78	2.65	1.69	.95	3.55	25.21
August	5.12	2.90	2.21	3.60	1.56	3.18	2.52	3.11	1.22	2.87	28.29
September	3.00	3.28	3.50	2.59	3.18	3.04	3.14	5.99	.18	3.64	31.49
October	1.23	3.61	4.67	2.81	4.58	1.40	2.09	3.45	3.20	6.70	33.94
November	6.34	4.17	1.99	6.16	1.24	1.09	2.83	1.58	3.50	5.78	34.48
December	3.44	2.46	.84	2.03	2.77	4.20	2.79	3.12	5.42	3.89	30.69
TOTALS ...	44.24	29.80	24.73	37.30	28.05	29.33	27.80	34.59	24.85	37.62	321.31
	D	D	D	D	D	D	D	D	D	D	

Inspected 18.1.55 M.W.P.M. Deale. Gauge sound, measure approved. Situated beside reservoir overlooking Caterham valley. Slightly o/s about 10' SW of trees 40' W 70' and 20' SW 120'. QB.

Position of Station on Ordnance One-Inch map : No. of Map 170 National Grid Reference TQ 833 550

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

Summary of Earlier Records from 10-year Sheets : New 2 new rec 1931

Record D. or d		1910-19	1920-30	1931-40	1941-50	1951-60
		✓	✓	✓	✓	✓
		✓	✓	✓	✓	✓