

# RAINFALL AT Westerham The Fishponds

Lat. \_\_\_\_\_ Lon. \_\_\_\_\_ County of Kent  
 Rain Gauge, by \_\_\_\_\_ Observer F. C. Bayard Esq  
S. Darent

Diameter ....				5								
Height .....				10								
Altitude ....				380								
Year .....	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.	
January ....				2.49	4.03	1.85	1.17	1.35	.63	3.14		
February ....				4.08	2.37	.00	.48	2.56	1.61	2.28		
March .....				.87	1.28	1.77	3.27	4.28	1.46	.79		
April .....				.06	1.97	.86	1.09	1.53	1.16	2.42		
May .....				.95	2.08	.25	.28	1.78	3.40	.99		
June .....				1.04	2.73	.26	5.39	1.32	2.22	1.40		
July .....				3.13	4.12	4.39	1.70	20	.60	.67		
August .....				.62	2.23	3.66	2.44	3.12	1.18	.75		
September....				2.16	2.06	.46	6.33	2.81	.59	2.94		
October .....				3.72	4.11	3.57	4.58	.31	2.85	1.95		
November....				2.74	4.69	4.89	1.34	1.38	3.77	5.60		
December ....				2.76	1.93	2.69	3.27	3.65	2.50	1.55		
TOTALS ....				24.62	33.60	24.65	31.34	24.29	21.97	24.48	(27.00)*	

\* Computed from Riverhead Vic.

RAINFALL AT *Westerham, The Fishponds*

Lat. ....

Lon. ....

County of *Kent West*

Rain Gauge, by .....

Observer *F C Bayard Esq**5-Parent.**met Water Board**W Morris Esq. &c.*

Diameter ..	5											
Height ....	1 0											
Altitude ..	380											
Year ....	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEANS.	
January ..	3.95	.91	.63	2.52	4.96	1.26	5.58	1.35	1.92	1.22	2.430	
February ..	4.45	1.29	1.25	1.88	4.15	1.12	2.77	1.49	1.59	.57	2.056	
March ....	1.02	2.33	1.69	2.69	1.57	4.09	1.87	1.22	2.74	4.07	2.829	
April .....	.93	2.23	.80	2.48	1.36	2.10	1.17	3.26	3.07	1.79	1.919	
May .....	.79	.70	2.85	2.51	2.51	.80	1.67	1.75	2.29	1.46	1.733	
June .....	2.68	1.48	4.04	5.55	1.09	4.85	2.10	2.25	1.77	3.49	2.930	
July .....	.79	.80	1.59	5.11	1.25	1.04	.96	.89	3.70	3.68	1.981	
August ....	2.56	2.30	2.81	4.94	1.67	2.57	.88	2.58	4.20	2.26	2.677	
September ..	.81	1.44	.58	2.22	2.09	2.21	2.06	.55	1.41	3.55	1.692	
October ....	1.85	2.58	2.61	7.62	2.46	1.56	4.41	3.58	1.58	6.75	3.500	
November ..	3.13	.78	2.04	3.10	1.77	4.50	5.84	2.25	.98	1.19	2.558	
December ..	3.15	4.20	1.95	2.22	3.58	.78	2.75	3.41	2.84	4.41	2.929	
TOTALS ..	26.11	21.04	22.84	42.84	28.46	26.88	32.06	24.57	28.09	34.44	28.734	

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Hue

## RAINFALL at

Governor House  
The Fishponds  
Audrey Square E. 18-19

County of KentObserver Met Water Board 7 MarchRiver Basin Thames - Darent 5

Glass:  
Correct  
in Sept  
-50-503

Gopher BA. Rain Gauge, by Hudson Sun.

5.00, 5.00, 4.98, 5.00.

copper can - no bottle.

Wales kept in water can to prevent evap (Jabé des continuées)

Diameter ...	5										
Height .....	1 0										
Altitude ...	380										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL MEANS 1916-19
January ...	2.69	1.69	6.31	4.02	1.05	3.93	2.15	1.81	3.54	5.08	12.58
February ...	4.39	1.92	2.59	1.11	4.67	4.68	5.27	1.04	1.72	2.85	10.88
March .....	1.23	2.49	4.23	3.10	6.34	.87	5.60	2.35	1.02	4.68	13.65
April .....	1.91	2.41	.16	3.76	1.36	1.84	2.11	2.44	4.36	3.69	12.60
May .....	2.83	1.19	1.12	1.24	1.71	3.46	3.00	2.00	2.57	.13	7.70
June .....	1.94	2.31	3.58	.60	.90	.67	3.03	2.17	.98	.98	7.16
July .....	2.65	.40	1.57	1.92	2.13	4.97	1.25	4.63	5.15	2.23	13.26
August .....	2.29	.46	7.98	1.76	1.76	3.07	3.09	6.80	1.45	2.63	13.97
September ..	.72	1.43	3.23	1.62	1.17	2.95	1.48	2.40	5.93	1.33	11.14
October ...	2.86	4.52	3.54	4.35	1.91	2.81	5.01	5.18	2.39	.86	13.44
November ...	3.58	6.31	3.03	3.89	4.71	3.34	5.61	2.17	2.36	2.19	12.33
December ...	4.24	6.83	3.81	1.46	8.63	7.00	3.69	3.02	3.21	5.14	15.06
TOTALS ...	31.33	(31.96)	41.15	28.83	36.34	39.49	41.29	36.01	34.68	31.79	143.77
	D			1		3	2	3	3	3	

1911 Nov 1<sup>st</sup> fange moved 783 yards S to opposite side of square  
1913 July - - - - - to opposite side of square

Observer states about 1910 g. was  $\frac{1}{2}$  ml NW. of present pos. in a fairly open garden  
subsequently at Governor House (? Fishponds) a good but sheltered site  
+ C. 21. V. 15. On very sheltered rose bed. Rose almost overhanging.  
Removed to excellent site in vegetable garden. Not read on Sunday

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.



RAINFALL at Westerham Quebec SquareCounty of KentObserver Met. Water Board F. MelhuishRiver Basin Thames - Darent 5-5.01 Copper B.A. Rain Gauge, by Hudson & Son  
4.99 New N.Z. Cu. Snowdon (21)  
4.99  
5.00 Rain not true (93)

26.55 not valid (26)

Totals

Totals	X.25 Snowdon gauge N.Z. no 2665											1930 Means	Means
	Diameter ...	5"											
	Height .....	1 0 0 8				1 0							
	Altitude ...	380											
	Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929		
36.16	January ...	3.82	3.27	4.36	1.94	3.11	3.13	3.51	2.83	5.02	1.37	3.80	3.29
26.21	February ...	.64	.56	3.12	3.98	.98	4.49	3.18	5.33	1.94	.56	1.40	2.38
20.80	March .....	1.58	2.00	2.80	2.87	1.55	.92	.51	4.17	2.41	.03	1.96	1.89
31.80	April .....	3.34	1.67	3.93	2.79	4.64	2.92	4.76	2.20	2.50	1.17	1.88	2.89
23.72	May .....	1.00	1.36	1.53	3.02	3.77	2.64	1.51	1.32	2.26	2.22	3.09	2.16
20.52	June .....	2.12	.22	1.76	.68	2.91	.29	2.27	4.06	3.21	1.37	.63	1.86
32.78	July .....	4.28	.30	3.74	3.13	4.84	4.19	1.83	2.66	2.04	2.58	2.99	2.98
32.55	August .....	1.93	1.63	3.29	2.58	3.98	2.55	2.73	5.27	2.96	2.56	3.07	2.96
30.12	September...	4.41	1.16	2.56	2.09	4.50	3.02	.95	5.69	.85	.26	4.63	2.74
35.44	October .....	1.16	1.17	1.30	7.44	3.76	4.20	3.15	2.29	5.29	3.68	2.00	3.22
42.68	November...	1.56	1.81	2.23	2.39	3.81	3.30	6.87	3.47	3.43	8.26	5.25	3.88
41.77	December...	3.23	2.40	4.24	2.98	4.34	4.10	.74	5.51	4.43	7.38	2.42	3.80
374.55	TOTALS...	29.27	17.55	34.86	35.89	42.19	35.75	33.01	44.80	36.64	31.44	33.12	34.05

Inspected 25. 25. 21 2. is very well placed in small nursery garden

It was removed here about 1.21 about 2 years.

Inspected 28. 6. 23 1 G. surrounded by cottages &amp; not, however, overshadowing. Rim of g. is out of track.

Recommend lawn should be kept round g. by nurseryman. At present responsible owner has no control &amp; it might be more satisfactory to find a site at Council Office where the plot lies.

Inspected 25. 22. 25. 2. is in front garden of former house in the Postlock - excellent position 7-8 yds from road.

Inspected 31/1/27 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	Parish Church.	Distance from gauge	Direction

RAINFALL at Westonham TownCounty of Kent Observer Met. Water BoardRiver Basin Thames & Parental c 5

Type of Gauge.....

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

883691/28.

Diameter	5											
Height	10											
Altitude	380											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	TOTAL	Months
January	2.48	2.70	2.32	2.94	1.10	5.13	6.09	3.82	4.92	2.85	3434	
February	2.92	.73	2.88	25	3.98	1.85	5.23	1.16	1.54	2.44	2268	
March	.39	1.81	3.99	2.65	.35	1.30	4.10	.43	1.70	2.60	1932	
April	5.21	2.78	0.87	3.10	3.35	2.15	3.09	.37	2.78	1.81	2551	
May	3.02	4.82	1.94	.71	1.95	.44	2.24	2.82	1.72	2.09	2175	
June	1.59	1.08	1.74	1.73	2.61	3.46	2.18	.54	.83	.46	1622	
July	3.20	2.68	2.09	1.63	.73	4.08	.83	1.95	2.31	3.00	2250	
August	4.83	1.06	0.83	2.01	3.83	.66	2.92	1.72	3.04	.09	2033	
September	1.93	2.54	3.14	2.03	4.00	2.19	2.20	2.43	1.14	1.58	2318	
October	.83	6.96	2.17	2.20	4.18	2.64	3.16	3.54	8.32	3.55	3765	
November	4.11	1.54	1.30	3.63	6.23	4.66	1.74	3.27	6.33	8.15	4106	
December	.80	.90	0.71	7.04	3.94	3.38	4.95	3.88	1.72	2.11	2746	
TOTALS	31.31	29.60	23.68	24.92	36.25	31.94	38.73	26.03	36.35	30.76	31467	

Inspected 1/3/34. Observer retiring. New site inspected. Garden is somewhat sheltered but suitable site available. If used, care must be paid to ensure that new fences or offices do not over-shelter the gauge.

† Inspected by Mr. Bamwell 8/2/38 site mightily sheltered by wooden fence but best place available.

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

RAINFALL at Westonham TownCounty of KentObserver Met. Water BoardRiver Basin Thames-Darent & S.

Type of Gauge.....

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

File No. 883891/28

Diameter ....	5"				290	104						
Height ....	1' 0"					1						
Altitude ....	380'					41						
Year ....	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL	Means
January ....	2.97	3.83	6.43	2.34	2.61	2.74	3.02	4.01	1.47	1.16	30.58	
February ....	3.30	.97	2.21	1.30	2.12	2.98	1.90	2.54	1.34	5.33	23.99	
March ....	3.29	2.54	.40	.04	1.34	1.64	6.50	.97	1.22	1.31	19.25	
April ....	2.18	1.75	1.55	1.60	1.32	3.86	1.91	2.02	1.73	2.94	20.86	
May ....	2.16	3.64	2.84	.90	3.24	3.98	1.75	2.30	1.75	1.26	23.82	
June ....	2.28	.13	1.50	1.76	2.18	2.64	2.48	3.42	1.16	1.94	19.49	
July ....	2.47	2.16	2.57	1.67	2.56	2.09	1.24	1.76	.56	2.57	19.65	
August ....	4.96	4.03	1.33	3.63	2.53	5.06	.19	5.32	1.07	2.40	30.52	
September ....	.73	2.38	1.96	3.49	1.52	3.67	1.33	1.94	1.11	3.57	21.70	
October ....	1.25	3.66	3.33	5.18	3.43	1.23	.36	2.43	8.37	.23	29.47	
November ....	3.60	1.91	2.17	4.89	.59	5.12	1.48	2.07	2.96	6.48	31.27	
December ....	3.68	3.45	2.13	2.44	3.87	3.27	3.34	4.49	1.96	2.41	31.04	
TOTALS ....	32.87	30.45	28.42	23.24	27.31	38.28	25.50	33.27	24.70	31.60	301.64	

1949 heavy rainfalls the accumulation of less or more days.

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.



Station No. 374

TF86

RAINFALL at WESTERHAM Town

51

County of KENT

Observer

MET WATER BOARD

River Basin THAMES - DARENT &amp; C. S.

Type of Gauge M.O. MKII

Annual Average 31.6 in. based on 11 years obs. unweighted. Period of average 1881-1915 Ref. 18.578

32.41 " " 35 " " 1916-1950

1916-1950 22.22/100 F. 8.86/46

File No. 62262/58

Diameter	5"			290	104						
Height	1' 0"				1						
Altitude	380'		410'		51						
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	3.39	2.54	1.36	1.87	3.99	4.88	1.92	3.50	2.91	3.11	29.47
February	6.80	1.04	1.81	2.44	2.20	1.16	4.55	2.78	1.09	2.21	25.08
March	4.40	3.51	.41	2.59	1.50	1.12	1.66	2.00	1.82	1.81	20.76
April	3.16	1.68	2.72	0.34	.28	1.71	.20	1.22	2.19	0.98	14.48
May	1.91	1.22	1.86	2.59	4.15	.64	1.31	1.58	1.08	1.94	18.33
June	1.92	1.86	1.59	3.92	2.05	3.69	1.23	4.55	1.02	1.52	23.35
July	2.67	.71	3.95	3.91	.44	3.72	3.33	1.77	1.52	3.30	25.32
August	6.17	4.53	2.02	3.46	.77	2.76	2.56	3.84	1.68	3.69	30.87
September	2.85	3.43	4.21	2.55	2.80	2.72	2.81	6.23	.15	3.96	31.71
October	1.51	3.14	4.33	2.70	4.61	1.40	1.73	3.55	3.51	7.80	34.28
November	5.49	4.32	1.89	5.48	1.30	.91	3.20	1.93	3.18	5.53	33.23
December	3.12	3.07	.93	1.88	2.87	4.21	1.82	3.98	5.70	3.88	31.46
TOTALS	43.39	31.10	27.08	33.73	26.96	28.92	26.25	36.93	24.25	39.73	318.34
	d	d	d	d	d	d	np	np	d	d	

Ins. 514. Bad gash in outer rim. Rim distorted. G. situated on top of reservoir 15' radius - 20' high. Tank wall completely broken down. Exposed on all sides. INS. MAY 1954 J.B.O. N.B. g. requires. Side of tank all down. Tank wall not much high & requires strutting.

1957 np low.

Refused 1954 H.B. New g. installed

1954 np. accumulation etc.

Inspected 13.10.60 by H.B. Out of reservoir of all direction except WSE. Only Bad Windy and Friday.

Position of Station on Ordnance One-Inch map :

No. of Map 171

National Grid Reference S. 416536

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P- accepted

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	✓	✓	✓	✓	✓
	✓	✓	✓ but D 31	✓ but d 41, 42-50	