

## RAINFALL AT Westerham The Fishponds.

Lat.

Long.

County of

Kent

Rain Gauge, by

Observer

F C Rayard Esq

5. Darent

Diameter .....				5							
Height .....				1 0							
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	1.75	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	6.83	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

TOWER

Lat. .... Lon. .... County of Kent West

S- Darent. Rain Gauge, by F. C. Bayard Esq  
met Water Board W. Morris Esq.

Diameter ..	5										
Height ....	10										
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	2.730
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	3.54	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	2.949
TOTALS ..	26.11	21.04	22.84	42.84	28.46	26.88	32.06	24.57	28.09	34.44	28.734

J J J J J J J J J J

Hulse

RAINFALL at Westerham

County of Kent

Grovener House

The Fishponds

Quebec Square

1. IX. 11

Observer Met. Water Board

+ Mather

River Basin Thames - Darent 5

years:  
covered  
except  
-50 - 503

Copper BA. Rain Gauge, by Hudson Son

500, 500, 498, 500.

copper can no bottle.

Water kept in outer can to prevent evap (Tube discontinued)

Diameter ...	5										TOTAL MEANS M16-17
Height .....	1 0										
Altitude ...	380										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	
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	7.95	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	2.10	5.93	1.33	11.14
October ...	2.56	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	D	D	D	D	D	D	D	D	D	

1911 Nov 1<sup>st</sup> Gauge moved 783 yards S. Blown out under hedge  
1913 July " " to opposite side of square

Observer states about 1910 g. was in NW. off road pos. in a fairly open garden subsequently at Grovener 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.

Westerham (1925)  
Sea Level Town (26)374  
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## RAINFALL at Westerham Quebec Square

County of Kent

Observer Met. Water Board F. French

River Basin Thames-Darent S-

5.01 Copper P.A. Rain Gauge, by Hudson & Son  
 49.9 New No. 2. Cu Snowdon (21)  
 49.9 Rim not true (23)

Scale not tested (24)

X.25	Snowdon gauge No. no 2665										
Diameter ...	5"										
Height .....	1 0 0 8					1.0					
Altitude ...	380										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS.
January ...	3.82	3.27	4.36	1.94	3.11	3.13	3.51	2.83	5.02	1.37	3.80
February ...	64	.56	3.12	3.98	.98	4.49	3.18	5.33	1.94	.56	1.40
March .....	1.58	2.00	2.80	2.87	1.55	.92	.51	4.17	2.41	.03	1.96
April .....	3.34	1.67	3.93	2.79	4.64	2.92	4.76	2.20	2.60	1.17	1.88
May .....	1.00	1.36	1.53	3.02	3.77	2.64	1.51	1.32	2.26	2.22	3.09
June .....	2.12	.22	1.76	.68	2.91	.29	3.27	4.06	3.21	1.37	.63
July .....	4.28	.30	3.74	3.13	4.84	4.19	1.83	2.16	2.04	2.58	2.99
August .....	1.93	1.63	3.29	2.58	3.98	2.55	2.73	5.27	2.96	2.56	3.07
September...	4.41	1.16	2.56	2.09	4.50	3.02	.95	5.69	.85	.26	4.63
October .....	1.16	1.17	1.30	7.44	3.76	4.20	3.15	2.29	5.29	3.68	2.00
November...	1.56	1.81	2.23	2.39	3.81	3.30	6.87	3.47	3.43	8.26	5.25
December...	3.23	2.40	4.24	2.98	4.34	4.10	.74	5.51	14.43	7.38	2.42
TOTALS...	29.27	17.55	34.86	35.89	42.19	35.75	33.01	44.80	36.67	31.44	33.12

Inspected 28.3.21 S. is very well placed in small mossy garden

It was removed here about 1.21 about 2 yards

Inspected 7.8.21 6.8.23 : G surrounded by cottages &amp;c not however, overshadowing. Rim of g. is out of truth.

Recommended lawn should be kept round g. by gardener. At present responsible observer has no control.

+ it might be more satisfactory to find a site at Council Cottage where the Oak trees.

suspected of 2.22.x.25. S. in front garden of former's house in the Paddocks - excellent position

7-8 yds from road.

Inspected 31.3.27 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	Parish Church.	Distance from gauge

## RAINFALL at Westerham Town

County of Kent

Observer Met. Weather Board

River Basin Thamesy Darent 5

Type of Gauge

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

Ref.

883891/28.

Diameter	5											TOTAL Means
Height	10											
Altitude	330											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940		
January	2.48	2.70	2.32	2.94	1.10	5.13	6.09	3.82	4.92	2.85	3.43	
February	2.92	1.73	2.58	2.5	3.98	1.85	5.23	1.16	1.54	2.44	2.60	
March	1.39	1.81	3.99	2.65	3.35	1.30	4.10	1.43	1.70	2.60	1.93	
April	5.21	2.78	0.87	3.10	3.35	2.15	3.09	1.37	2.78	1.81	2.55	
May	3.02	4.82	1.94	1.71	1.95	1.44	2.24	2.82	1.72	2.09	2.17	
June	1.59	1.08	1.74	1.73	2.61	3.46	2.18	1.54	1.83	1.46	1.62	
July	3.20	2.68	2.09	1.63	1.73	4.08	1.83	1.95	2.31	3.00	2.25	
August	4.83	1.05	0.83	2.01	3.83	1.66	2.92	1.72	3.04	.09	2.03	
September	1.93	2.54	3.14	2.03	4.00	2.19	2.20	2.43	1.14	1.58	2.31	
October	1.83	6.96	2.17	2.20	4.18	2.64	3.16	3.54	8.32	3.55	3.75	
November	4.11	1.54	1.30	3.63	6.23	4.66	1.74	3.37	6.33	8.15	4.06	
December	1.80	0.90	0.71	7.04	3.94	3.38	4.95	3.88	1.72	2.11	2.74	
TOTALS	31.31	29.60	23.68	29.92	36.25	31.94	38.73	26.03	36.35	30.76	31.457	
	d	d	d	d	d	d	d	d	d	d	d	

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 overshadow the gauge.

† Inspected by Mr. Barwell 8/2/38. Site slightly sheltered by wooden fence but west 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	Parish Church	Distance from gauge

## RAINFALL at Westerham Town.

County of Kent.....

Observer Met. Weather Board.....

River Basin Thames-Darent &amp;c &amp;c.

Type of Gauge.....

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

File No. 683891/2a.

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	.91	2.21	1.30	2.12	2.98	1.90	2.54	1.34	5.33	23.99
March	3.29	2.54	1.40	.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	2.23	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	29.24	27.31	38.28	25.50	33.27	24.70	31.60	301.64
	d	d	D	D	D	D	D	d	d	d	

1949 Many measurements the accumulation of 1 hour or more days.

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. 374

X TF 86  
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## RAINFALL at WESTERHAM TOWN

County of KENT

Observer MET. WATER BOARD

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

Type of Gauge M.O. Mk II

Annual Average. 31 G. in. based on 11 years obs. unweighted. Period of average 1881-1918 Ref. R. 578  
 32.41 " " 35 " 1916-1950 1916-1950 File No. 22280/16  
 622280/58

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	.09	2.21	25.08	
March ...	4.40	3.51	.41	2.59	1.50	1.12	1.60	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	1.27	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	.74	2.56	3.84	1.68	2.69	3.08	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	.41	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	M.R.B.
	d	d	d	d	d	d	np	np	d	d		

5 Ins. 5/16. Bad gash in outer con. Rim distorted. G. situated on top of reservoir 15' radius - 20' high. Turf well completely broken down. Exposed on all sides. (NSP MAY 1954 JTBX. New g. required. Site exposed all sides. Turf well not much help & requires protection. 1957 np low.

Informed 21.5.1954 H.W.B. New g. installed

1958 np. accumulation 20". Deposited 13.10.60 by H.W.B. On top of reservoir of all directions except W-S.E. Only Read Mondays and Fridays.

Position of Station on Ordnance One-Inch map : No. of Map 171 National Grid Reference S/4466336

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance 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
		✓	✓	✓	✓ b.w.t D 31	✓ b.w.t D 42, 48-50