

## RAINFALL at Higham Waterworks

County of Kent

Observer W.A. Walker Esq  
a Sidwell Esq  
C H Clark Esq

River Basin Thames. Darent 5

Gauge Rain Gauge by

Diameter ...			8										
Height .....			1.0										
Altitude ...			142 ft										
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	TOTAL	MEAN	1916-19
January ...			2.73	2.83	.47	2.58	.84	1.32	3.19	4.10	9.45		
February ...			1.01	.65	2.15	3.01	4.53	.70	.71	2.61	8.55		
March .....			2.77	1.80	4.36	1.14	4.67	1.76	.89	3.38	10.70		
April .....			.03	2.41	.81	1.25	1.34	1.82	2.29	4.29	9.74		
May .....			.81	1.63	1.12	4.27	2.01	2.05	1.83	.16	6.05		
June .....			3.53	.45	.76	1.18	1.85	1.97	.78	1.26	5.86		
July .....			1.46	2.36	.78	3.87	1.92	5.77	6.32	2.43	16.44		
August .....			3.75	1.82	.98	1.71	3.07	5.56	2.14	2.61	13.38		
September ..			2.77	1.79	.33	2.25	1.01	1.07	4.24	1.01	7.33		
October ...			2.28	4.94	2.02	1.68	2.50	3.05	2.79	.64	8.98		
November ..			1.72	2.91	2.91	3.72	4.83	1.25	2.44	2.00	10.52		
December ...			1.73	.65	5.17	5.36	3.02	2.26	1.80	3.49	10.57		
TOTALS ...			24.50	23.14	21.86	32.02	31.59	28.58	29.42	27.98	117.57		

Engle House 14ft high 10ft E  
Trees 8. 6. WMET.O & STN.  
RETROSP.

STN. 291990

NGR: TQ(5) 715722

Elev 141 " = 43 metros. Date of review 28/5/78

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			Hythe	3/4 m	NNE	St Mary	1/4 m	NNE

291990

416  
20

## RAINFALL at Higham Water Works

County of Kent-

Observer L. H. Clark Esq. manager

River Basin Thames - Darent - 5 -

~~Higham & Hundreds of Hoo Water Co.~~

Glaisher Rain Gauge, by

291990

ANR: TQ(SI) 715722

ALT: 141 ft = 43 metres. Rate of descent 361 ft-sec

*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			Higham	3/4 mi	NNE	St. Marys	1/4 mi	NNE

## RAINFALL at Higham Waterworks

County of Kent

Observer C. H. Clark, Esq.

River Basin Thames Darent c5

The Engineer &amp; Manager (1940)

Type of Gauge

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

Diameter	8												TOTAL Means
Height	1	0											
Altitude	141												
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940			
January	1.67	1.53	1.34	1.82	1.19	4.56	4.12	2.08	3.84	2.34	2449		
February	1.76	1.01	1.15	1.32	3.01	2.14	3.44	1.80	1.29	1.47	1639		
March	2.22	1.09	2.20	2.68	1.50	1.96	2.99	1.64	1.52	3.69	1649		
April	3.79	1.46	1.65	1.98	2.94	1.16	2.06	1.60	1.95	1.64	1823		
May	2.80	2.88	1.88	1.49	1.09	1.88	2.69	1.57	1.84	1.10	1722		
June	1.80	1.85	1.33	(1.36)	2.37	5.72	3.04	1.45	1.24	1.59	1775		
July	3.07	1.50	3.96	1.39	1.60	2.83	1.76	1.59	2.27	4.75	2272		
August	3.47	1.75	1.46	1.69	1.90	1.40	1.77	1.44	2.95	1.04	1485		
September	1.61	1.37	3.34	1.33	3.07	1.73	1.62	2.51	1.21	1.92	1871		
October	1.60	5.44	1.81	1.77	3.10	1.43	2.26	1.97	1.20	2.40	1798		
November	3.06	1.78	1.20	2.12	4.49	3.33	1.68	2.10	4.17	6.29	2922		
December	1.46	1.35	1.36	4.47	2.67	1.74	4.32	2.74	1.17	1.87	1915		
TOTALS	23.31	19.01	19.68	21.40	26.93	27.88	29.75	19.49	30.65	26.10	24320		
	D	D	D	D	D	D	D	D	D	D			

MET.O.S RAINMASTER  
RETROSPECTIVE SITE REVIEW

HYD. STN. NUMBER 291990

NGR: TQ(5) 715722

ALT: 141 TIME 43 metres. Date of review 28/9/78

height 40

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
1931.			Higham S.Rly.			St John's, Higham	

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

291990

## RAINFALL at Higham Waterworks

Station No. 4416

41

County of Kent.

Observer The Engineer &amp; Manager.

River Basin Thames, District No. 5

Type of Gauge.

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

Ref.

File No.

413258/35

Diameter	8"											
Height	1' 0"											
Altitude	141'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	TOTAL	Means
January	2.54	1.85	4.59	1.51	2.05	1.25	2.24	3.27	.91	1.75	21.96	
February	1.76	.50	1.23	1.24	1.33	2.18	1.67	1.27	.72	5.40	17.30	
March	2.42	2.63	.49	.10	1.87	1.37	4.74	.90	.71	.78	16.01	
April	1.80	.87	1.24	1.67	1.04	1.96	1.54	1.41	1.48	2.12	15.13	
May	1.17	2.73	3.01	.26	3.33	2.97	1.80	1.22	1.71	1.78	19.98	
June	1.49	.05	1.17	1.47	1.12	1.91	3.37	2.61	.93	1.70	15.82	
July	2.93	2.07	1.66	2.26	3.01	1.16	3.76	.86	.81	3.05	21.57	
August	3.28	1.99	.97	3.14	2.47	4.22	.04	4.11	1.69	1.40	23.31	
September	.30	2.82	2.24	2.60	.59	3.13	1.80	1.44	1.05	2.74	18.71	
October	.84	2.78	2.06	4.61	2.75	1.77	.35	1.78	6.41	1.32	23.67	
November	2.15	1.37	1.16	4.73	.71	4.81	.65	1.87	3.09	5.54	26.08	
December	1.59	2.02	1.83	1.82	3.17	2.32	3.09	4.06	1.34	2.02	23.26	
TOTALS	22.27	21.68	21.65	25.41	23.44	29.05	25.05	24.80	20.85	28.60	242.80	
	D	D	D	D	D	D	D	D	D	D	D	

45. Old station gauge sound. Intermittent from mid 1944, gauge placed in roof at 14ft. 20.9.45.

1946. replaced in old position on ground level 1st Jan.

\* Oct 1971. Unable to locate this station. File destroyed  
 1964. No records available.

RETROSPECTIVE SITE REVIEW

Y.O. STN. NUMBER

291990

REG. TQ (S) 715722

141 13

28/3/78

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

291990

Station No. 416

## RAINFALL at HIGHAM (WATERWORKS)

County of KENT

Observer THE ENGINEER &amp; MANAGER

River Basin THAMES - DARENT 9.05

Type of Gauge

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

Ref.

File No. 418258/195

Diameter	8"										
Height	1' 0"										
Altitude	141'										
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	2.70	2.03	.96	1.52							
February	5.80	.80	1.37	2.20							
March	3.10	2.85	.41	2.47							
April	2.72	1.08	2.39	.43							
May	2.64	1.10	2.06	2.29							
June	1.37	1.52	1.92	4.59							
July	2.96	.92	4.65	3.24							
August	3.41	2.60	1.60	3.72							
September	3.63	4.07	3.28	2.02							
October	1.02	2.29	3.02	2.26							
November	4.45	4.82	1.28	4.63							
December	1.93	2.98	.90	1.68							
TOTALS	35.73	27.06	23.84	31.11							
	d	d	d	d							

1954: Gauge moved on Jan. 1st to roof of reservoir at Pear Tree Lane, Shore, 1/1 mi SW.  
Record reduced in full

MET.O.B RAINMASTER  
RETROSPECTIVE SITE REVIEW

SYD. STN. NUMBER 291990

NGR: TQ(5) 715722

ALT: 141 ft m 43 metres. Date of review 28/9/78

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

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

Summary of Earlier Records from 10-year Sheets :

1916-1950, P - Rejected

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		C 1911 ✓	✓	✓	✓	✓ 1946 ✓ 1947