

RAINFALL at Colchester Waterworks

County of Essex.Observer Waterworks Superintendent.A Hammond 1922River Basin Colne R. - 5

Rain Gauge, by _____

Diameter ...							5				
Height							2.2	1.0	1.5		
Altitude ...							37				
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1929 1920
January ...			3.70	1.19	2.28	1.04	2.39	1.33 ⁹	2.75	1.43	1.64
February ...			1.63	3.03	.58	1.96	2.07	2.93	.96	.36	.61
March			1.29	1.33	.67	.88	.09	1.91	2.65	.01	1.33
April			2.37	1.03	2.37	1.69	4.34	1.88	.87	1.78	1.83
May			1.07	1.14	3.56	2.13	.98	.72	1.76	1.40	1.82
June			1.04	.87	1.65	.37	3.44	3.34	2.32	.78	.43
July			2.42	1.52	3.17	1.86	2.13	3.63	1.64	1.91	3.16
August			1.07	1.59	1.95	2.13	1.16	2.66	2.08	1.15	1.83
September...			2.93	1.25	1.71	2.02	1.9	3.16	.78	.72	4.41
October			1.38	3.78	3.82	2.52	2.49	2.07	1.84	2.55	.98
November...			.84	2.82	3.03	1.55	4.04	2.02	2.02	4.33	3.19
December...			1.68	2.72	2.46	1.82	.46	2.55	3.39	3.82	2.00
TOTALS...			21.42	21.76	27.25	19.97	25.49	28.26	33.06	20.29	23.23

1926 Trees 20 ft high about 20 yds to W.

1927 Gauge reset with tin 1 ft above ground see file 693/65/26

Position of Station on reduced Ordnance Survey } No. of Map _____
Map, 2 miles to 1 inch Series

Reference No. _____

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1926			Colchester North	1/2 mile	N.	St Peter	1/8 mile	S.E.

RAINFALL at Colchester (Waterworks)County of EssexObserver A. Hammond, Esq.River Basin Colne &c. - 5H. Collins, Esq.Type of Gauge N.O. (+A)Annual Average in. based on years obs. un-weighted. Period of average Ref." 21.2 in. compiled by Mr. Cornish (1936) Ref 561245/36693175/26

Diameter	5.											
Height	1.5.											
Altitude	37.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.57	.64	1.30	1.20	2.62	3.82	3.35	2.71				
February	2.19	.33	1.01	.20	3.53	1.96	3.13	.42				
March	.20	1.06	1.58	1.82	.55	.58	2.62	.41				
April	2.85	2.18	.62	2.31	2.56	1.09	2.68	.36				
May	2.04	3.18	1.18	1.73	1.28	.76	2.04	1.42				
June	1.01	.52	2.20	.89	3.13	3.08	1.99	.53				
July	3.44	2.75	.87	1.39	.23	2.62	1.21	1.11				
August	2.92	1.02	.55	1.51	1.29	.57	.89	1.23				
September	1.59	1.53	1.87	1.26	3.11	1.74	2.28	1.55				
October	.60	4.82	1.70	1.89	2.30	1.34	1.42	2.60				
November	1.73	1.16	1.32	1.39	3.53	3.02	1.52	2.28				
December	.52	.27	.43	4.33	2.46	1.55	3.62	3.09				
TOTALS	20.66	19.46	14.63	19.22	25.59	22.13	26.76	17.71				
	D	D	D	D	D	D	D	D				

1933. Chimney Shaft. 90 ft. high 98 ft. E.

Building 30 - " 118 - E.

Apple Tree 20 - " 43 - S.

Trees 20 - " 56 - N.N.W.

1934 Gauge moved 60' W on Oct. 11th

Tree 17' 6" high 73' N.N.E.

" 25' " 80' S.W.

Gumming 4' 90' " 138' E.

Alder 1' 6" " 6' E.

1939 Gauge transited. A new 8 inch gauge set up 3' to the east (5/11/39/1)

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
1931			Colchester LNER	½ mile	N.	St. Peter's	¼ mile	S.E.

RAINFALL at Colchester (Waterworks) (avg.) + A (1939)County of Essex Observer H Collins EsqRiver Basin Colne & C - 5Type of Gauge M.C.Annual Average in. based on years obs. un-weighted. Period of average Ref.

f 693165/26

Diameter	8"										
Height	1' 4"								1' 0"		
Altitude	38										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January							3.56	2.83	5.65	1.42	
February							3.30	4.2	8.5	1.71	
March						imp.	2.76	4.4	1.63	2.65	
April						1.14	2.82	3.6	2.53	1.58	
May						.78	2.16	1.48	1.39	.50	
June						3.24	2.11	.55	1.55	.25	
July						2.79	1.30	1.15	1.73	2.67	
August						.61	.93	1.23	3.43	.10	
September						1.84	2.38	1.69	.28	1.19	
October						1.43	1.48	2.67	7.21	2.28	
November						3.18	1.60	2.31	4.03	6.01	
December						1.65	3.78	3.82	1.16	1.72	
TOTALS						imp.	23.13	18.95	31.44	21.98	

1936. Tree 18' high 26' N. c. imp. 1936.
 Chimney 90' " 158' E.

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
1936			Colchester N.	1033 yds	N	St. Peter's	367 yds	SE.

Station No. 1319/1

RAINFALL at Colchester (Waterworks) (new 2.)

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County of Essex

Observer H. Collins Esq. C.E.

River Basin Colne &c. - 5

J.S. ORCHARD Esq. A.M. Inst. C.E. (1908)

Type of Gauge M.O. (+A)

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

File No. 623165/26

Diameter	8"			22.9	112						
Height	1'0"										
Altitude	38'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.07	2.46	4.32	1.63	1.51	1.26	2.31	3.25	1.20	1.25	
February	1.97	.90	.67	1.08	1.70	1.86	1.60	1.21	1.18	2.68	
March	2.63	2.31	.38	.45	1.08	1.19	4.22	.89	.75	.61	
April	1.21	.66	.89	1.38	.80	1.25	1.33	1.86	.85	1.38	
May	1.55	2.12	1.31	.40	2.09	1.47	.56	1.44	2.19	1.43	
June	.77	.52	1.80	1.79	1.88	2.64	3.21	1.42	.57	1.26	
July	2.42	1.87	1.50	1.81	1.14	2.78	1.26	1.52	1.42	3.08	
August	3.86	1.58	1.20	2.20	1.94	4.02	.13	3.32	.90	1.46	
September	.58	1.67	2.31	2.64	1.68	1.74	1.41	1.29	.87	2.81	
October	1.41	3.48	1.47	4.61	1.70	1.05	.16	1.67	4.86	.33	
November	2.38	2.29	1.62	3.83	.64	3.11	.90	1.72	2.44	3.61	
December	1.29	2.43	1.45	1.37	2.69	2.70	2.80	1.39	1.33	1.63	
TOTALS	22.14	22.29	18.92	23.19	18.85	25.07	19.89	21.08	18.56	21.53	
	D	D	D	D	D	D	D	D	D	D	

1941. JACS. 18' high 26' N. Chimney 90' high 158' E. Apex of Shed. 7' above gauge 34' E.
 1950 Trees 16' high 26' N. chimney removed 21.4.50.

 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.
1941.			Colchester N.	1035 yds	N	St. Peter's	367 yds	S.E.

BRITISH RAINFALL ORGANIZATION

Station No. 1319/1**RAINFALL at Colchester (Waterworks)**

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County of EssexObserver J. S. Orchard Esq. AMICERiver Basin Colne & E. 5Borough and Water EngineersType of Gauge M. O. (+A)
(+AOS)Annual Average in. based on years obs. un-weighted. Period of average 1916-58Ref 5" " 22.83 " " 20 " " with 1937-57 File No. 693165/26

Diameter ...	8"									8"	
Height ...	1' 0"									1' 1"	
Altitude ...	38'									38'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.68	2.13	.79	1.50	2.37	3.38	.91	2.47	1.84	1.89	
February ...	4.24	.77	1.08	2.15	1.69	.43	2.40	2.44	.08	1.58	
March ...	2.64	2.97	.41	2.06	1.28	.86	1.15	.73	1.36	1.85	
April ...	2.72	1.07	1.82	.36	.13	.81	.09	1.00	1.92	.36	
May ...	2.24	1.00	1.38	1.62	2.96	.62	.88	2.23	.35	.82	
June94	1.79	3.41	2.26	2.39	1.86	1.42	4.51	.73	.19	
July ...	1.85	.56	3.21	2.72	.11	3.24	3.82	3.09	1.09	2.74	
August ...	3.07	2.34	2.59	2.68	1.88	3.67	2.56	4.82	.66	3.45	
September ...	2.29	2.97	1.39	1.60	1.71	1.22	2.63	3.20	.01	3.15	
October69	2.23	2.08	1.59	3.84	1.10	1.46	2.50	1.63	5.68	
November ...	3.57	4.34	1.22	3.28	.62	.55	2.38	1.00	2.50	(3.50) <u>we</u>	1774 <u>2000</u>
December ...	1.67	2.43	.76	1.54	1.46	1.93	2.08	3.68	3.50	2.51	
TOTALS ...	27.54	24.60	20.14	23.36	20.44	19.67	21.78	31.67	15.67	2772	
	D	D	D	D	D	D	D	D	D	D	

1951 Trees 18' 26" N;

2772

Inspects 21:30 by H.H. later. Trees 15'-30" N. Gauges on wide terrace d/s S → N. Lts reasonable.

1960 up late end in.

52/991254

Position of Station on Ordnance One-Inch map:

No. of Map

National Grid Reference

62/41020

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1951			n. Station	1035 yd	N	St. Peter's	367 yd	SE

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
			cont. '36 ✓	✓	✓