

## RAINFALL at Colchester, Hythe Gas Works

County of Essex

Observer W.W. Townsend Esq. General Manager

River Basin Colne &amp;c 5

100 English (Sea) ft.  
Colchester Gas Co.

Gauge Rain Gauge by

Diameter ...						9				
Height .....						9				
Altitude ...						12				
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929
										MARCH 1930
January ...							2.78	1.43	3.18	1.59
February ...							2.89	3.15	1.20	.35
March .....							.08	1.75	1.83	.07
April.....							4.36	2.00	1.50	1.80
May .....							1.03	.78	2.02	1.60
June .....							3.22	4.07	2.67	.80
July .....							2.37	3.87	1.63	2.43
August .....							1.24	3.29	2.19	1.21
September...							1.41	3.07	1.11	.61
October.....							2.66	1.99	1.88	2.56
November...							4.45	2.26	2.14	4.34
December...							.49	2.38	3.76	4.08
TOTALS...							26.98	30.04	25.11	21.44
							7	7	7	7
										22.76

1926. Gasholder 70 ft. high 30 yds E. Boundary Wall 7 ft. high 12 yds N.E.

1930. Gauge moved Jan. 15th 100 yds E.

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
1926	52°	1° E	Hythe L.N.E.R.	500 yds	N.E.	St. Edmunds	280 yds	N.N.W.

## RAINFALL at Colchester (Hythe Gas Works).

County of Essex

Observer Colchester Gas Co.

River Basin Colne &amp;c - 5

Type of Gauge Glaisher

Annual Average in. based on years obs. un-weighted. Period of average Ref.  
 " 22.0 in. computed by Mr. Cornish 1938 Ref. 561245/36 693164/26

Diameter	8.	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
Height	0.10.											
Altitude	12.											
Year		1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	1.53	74	1.23	1.20	2.84	4.00	3.40	2.71	5.09	1.29	2.408	
February	2.32	37	.96	.18	2.85	1.92	3.12	.45	.53	1.76	1.446	
March	.35	1.03	1.43	1.74	.61	.87	2.58	.40	1.60	2.39	1.273	
April	2.60	2.14	.75	2.22	2.68	1.20	2.72	.24	2.20	1.49	1.824	
May	2.03	3.21	1.22	1.08	1.44	.87	2.08	1.50	1.49	.65	1.552	
June	1.32	.50	2.19	.79	2.82	2.87	1.81	.49	1.52	.16	1.447	
July	3.24	2.19	.91	.93	.26	2.68	2.17	1.24	2.36	2.59	1.856	
August	3.55	1.04	.68	1.55	1.41	.61	.79	.97	2.67	.02	1.329	
September	2.23	1.39	1.77	1.43	3.43	2.07	2.18	1.87	.20	1.17	1.774	
October	.54	4.79	1.41	1.86	2.21	1.27	1.56	2.59	6.55	1.96	2.483	
November	1.77	1.19	1.39	1.49	3.51	3.03	1.81	2.26	3.44	5.39	2.498	
December	.62	.36	.45	4.36	3.23	1.58	3.42	2.92	1.12	1.62	1.967	
TOTALS	22.10	18.95	14.39	18.83	27.40	22.67	27.34	17.64	28.77	20.48	21.857	KM

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
1931			Hythe (Colchester)			St. Leonards	

Station No. 1317

## RAINFALL at Colchester (Hythe Gas Works)

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County of Essex.

Observer Colchester Gas Co.

River Basin Colne - 5

Eastern Gas Board (1949 -

Type of Gauge. Glaisher.

Annual Average in. based on 1 years obs. un-weighted. Period of average.

Ref S61245/36

22.0 computed by Mr Cornish (1938). File No. 693164/26.

Diameter	8"	22.9	161								
Height	0' 10"			1' 1"							
Altitude	12'			nil							6'
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.02	2.26	4.04	1.43	1.45	1.41	1.60	3.11	1.21	1.21	
February	1.83	.61	.55	1.21	1.70	2.05	1.51	1.24	1.10	1.83	
March	2.40	2.18	.32	.39	1.13	1.52	4.89	.57	.69	.45	
April	1.03	.61	.77	.91	.74	1.21	1.89	1.41	.76	1.32	
May	1.32	1.78	1.30	.33	2.17	1.45	.56	.85	2.30	1.48	
June	.67	.92	1.47	1.52	1.94	2.50	2.61	1.90	.63	1.07	
July	2.63	1.76	1.29	2.04	1.10	3.02	.91	1.60	2.04	2.84	
August	3.86	1.00	1.02	2.50	2.18	3.79	.09	3.44	.91	1.68	
September	.34	1.42	2.36	2.46	1.32	1.54	1.41	1.20	.86	2.95	
October	1.52	3.07	1.32	4.31	1.54	1.13	.15	1.90	4.78	.21	
November	2.28	2.25	1.38	3.71	.80	2.91	.84	1.94	2.20	3.39	
December	1.19	2.35	1.37	1.24	2.73	2.76	2.98	1.44	1.17	2.11	
TOTALS	21.09	20.21	17.19	22.05	18.80	25.29	18.44	20.60	18.65	20.54	
	D	D	D	D	D	D	D	D	D	D	

1941. Brick wall 12' high 9½' N. Wall 8' high 86° S.

Building 20' " 62° E. " 5' " 56° W.

1949 - 13 July 19 gauge moved 120 yds S. Building 2'-20' high, 10° N. Wall 2' high  
30° W. Building 15' high 70° S.

% = 1947 1948 1949  
 80% 90% 81%  
 90+ 100 80+ 7

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	Parish Church.	Distance from gauge	Direction
1941			Hythe	380 yds	N.N.E.	St. Leonards Hythe	300 yds	N.W.

Station No. 1317

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## RAINFALL at Colchester (Hythe Gasworks)

County of Essex

Observer Colchester Gas Co.

River Basin Colne &amp; G.S.

Eastern Gas Board.

Type of Gauge Glashier

Annual Average in. based on years obs. un-weighted. Period of average Ref.  
 " " 22.23 " 5 " 1950-57 1976-58  
 " " 22.00 computed by Mr. Cornish (1938) ref. 561245/36 File No. 693164/26

Diameter	8"		22.9	161						8"	
Height	1' 0"									1' 3"	
Altitude	6'					10'				15'	
Year	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.46	1.81	.65	1.22	2.26	3.48	1.00	2.50	1.98	1.92	
February	3.86	.61	.87	2.03	1.40	.30	2.41	2.06	.14	2.33	
March	2.46	2.98	.32	1.89	1.11	.92	1.15	.84	1.33	1.35	
April	2.58	.87	1.63	.26	.14	.85	.10	1.06	1.75	.43	
May	2.22	1.19	1.11	1.54	2.93	.62	.98	1.67	.27	.84	
June	.98	1.65	3.93	2.34	2.00	1.92	1.28	4.81	.60	1.03	
July	2.25	.58	3.56	2.56	.14	2.89	3.90	2.47	1.38	2.76	
August	2.65	1.85	2.28	2.74	2.24	3.70	2.22	4.59	.71	3.34	
September	2.14	3.42	1.29	1.31	1.66	1.32	2.76	3.56	.02		
October	.70	2.03	1.99	1.45	3.31	1.11	1.46	2.27	1.80		
November	3.19	4.26	.90	3.12	.71	.63	2.63	1.23	2.28		
December	1.55	2.21	.60	1.48	1.43	1.91	2.34	4.04	3.59		
TOTALS	26.04	23.46	19.13	21.94	19.33	19.55	22.23	31.10	15.85		
	D	D	D	D	D	D	D	D	D		

1951 Gasholder max. 20' 10" N; base 2' 80" W; Building 15' 10" S;

1957. Gauge moved 1. 1.57, 52.5 yds. 208°

Infilled 21.3.60 by Glashier. Wall (E-W) nearest 6'-8" Gasworks 120° 100' NE Overhead pipe (N-S) 30' high 10' W 1950 n.p. inc.

Position of Station on Ordnance One-Inch map : No. of Map ..... National Grid Reference TM(62)01424433

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge
1951			Hythe	400yds	NNW	St. Leonards	320yds NW
1957			Hythe	600yds	18°	St. Leonards	450yds 345°

Summary of Earlier Records from 10-year Sheets :

Record D, or d		1910-19	1920-30	1931-40	1941-50	1951-60
		c26 ✓	✓ lat 2' 39' 30"	✓	✓	✓ flat 2' 42' 40"