

RAINFALL at Eastwood, Brick House.County of Essex.Observer Miss Isabella Rentall.River Basin Crouch - 3.

Rain Gauge, by \_\_\_\_\_

Diameter ...							5					
Height .....												
Altitude.....							126					
Year .....	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January.....							.70	1.25	2.45	2.46		
February ...							3.00	1.02	.66	2.24		
March .....							3.13	1.67	.79	2.37		
April .....							1.16	1.53	1.91	2.45		
May .....							1.58	1.58	1.86	.58		
June .....							1.86	1.33	.77	1.06		
July .....							1.02	3.72	5.03	1.99		
August .....							2.81	4.00	1.27	1.82		
September...							.89	.82	3.38	.67		
October .....							2.09	2.10	1.88	.68		
November...							3.00	1.48	1.56	1.67		
December ...							2.20	1.47	1.15	3.02		
TOTALS ...							23.44	21.87	22.71	20.85		

1916-19 recd. 26. VIII. 22. E.H. x 1.22

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
			<u>Beigh. on Sea</u>	<u>1 1/4 mi</u>		<u>Beigh. on Sea</u>	<u>1 mi</u>	

## RAINFALL at Leigh Brick House

County of Essex

Observer Miss J. Bentall

River Basin Thames-Podgor  
Crouch - 3.Howard (22) Rain Gauge, by

Diameter ...	5										
Height .....									0 10		
Altitude ...	136										
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1920
January ...	1.68	1.32	2.67	.97	2.41	1.07	1.88	1.31	2.26	1.10	1.34
February ...	.38	.65	1.25	2.22	.53	1.61	2.60	3.23	.79	.47	.60
March .....	.38	.65	1.20	1.46	.38	.94	.04	2.09	2.04	.01	1.04
April .....	2.25	1.32	2.24	1.27	2.31	1.18	4.71	1.74	1.53	1.04	1.33
May .....	.60	1.36	.93	1.65	3.09	1.66	1.04	.93	2.13	.79	2.49
June .....	.99	.23	.92	.68	1.62	.45	2.73	2.00	2.69	.81	.44
July .....	3.55	.09	1.92	.80	2.88	2.34	1.65	2.48	2.53	1.55	2.38
August .....	1.63	.78	1.64	1.52	2.23	2.69	.91	3.04	2.35	1.52	2.94
September...	4.08	1.11	2.55	1.19	2.00	1.88	.87	3.31	.47	.74	3.10
October .....	.78	.38	1.78	4.08	3.34	2.79	2.60	1.20	2.49	2.21	.78
November...	.39	1.48	.68	1.87	3.31	1.52	3.31	2.39	1.56	4.17	3.43
December...	2.40	1.29	1.61	1.61	2.13	2.40	.48	2.04	3.23	2.89	1.71
TOTALS...	19.11	10.66	19.39	19.32	26.23	20.53	22.82	25.76	24.87	17.30	21.63

Impeller 18. VII. 22 5. in front garden at a distance of 12-15 ft. from base of a moderate size double fronted house. House to N. + sheltered for an angle of about 130° centering on N. of S. There are a number of growing plants closely fenced. Exposure not particularly good + observations not made regularly.

1916-20 used 26.5-22. Scale X1.2-2

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
1921			Leigh on Sea	1 1/4 mi	S.S.W.	Leigh on Sea	1 mi	S.S.W.

## RAINFALL at Leigh (Brick House)

County of Essex Observer Miss I. BentallRiver Basin Thames-Roding etc.-2.Type of Gauge HowardAnnual Average in. based on years obs. un-weighted. Period of average Ref." " 21.0 in. computed by Mr. Cornish (1933) R.J. SW245/36

Diameter	5.										
Height	0.10.										
Altitude	136.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.06	.68	1.34	1.09	1.12	3.67	3.40				
February	1.45	.20	0.76	.18	2.03	1.46	3.52				
March	.34	1.13	1.06	1.84	.52	.88	2.18				
April	2.93	1.72	0.68	1.60	2.28	1.43	2.69	Station renumbered 1273/5 owing to revision of river div. lines - 4/29			
May	2.70	2.81	1.59	.60	1.34	.47	3.07				
June	.99	.76	2.13	1.20	2.21	2.63	3.12				
July	3.09	1.52	1.65	1.34	.31	2.97	1.58				
August	3.71	1.14	0.57	1.53	2.24	.81	1.12				
September	1.37	1.40	3.00	1.30	2.54	1.91	1.44				
October	.49	5.33	1.10	1.49	1.97	1.88	1.54				
November	1.80	.61	1.09	1.23	3.66	3.21	1.63				
December	.42	.21	0.89	3.03	1.72	1.33	3.56				
TOTALS	20.35	17.51	18.56	16.43	21.94	22.65	28.25				

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			Leigh on Sea	1 1/4 mile	S	Leigh on Sea	1 mile	S.

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



12/3/5

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RAINFALL at LEIGH (BRICK HOUSE)

County of ESSEX Observer Miss I. Bentall  
 River Basin 3 - CROUCH  
 Type of Gauge Howard

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

Diameter .....								5"			
Height .....								10"			
Altitude .....								136'			
Year .....	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January .....								2.12	3.25	(1.78)	
February .....								.50	1.01	1.40	
March .....								.41	1.42	2.49	
April .....	Station previously numbered 1254- altered owing to revision of river division lines - 4/39							.46	1.97	1.43	
May .....								2.49	1.85	.91	
June .....								.52	1.31	.50	
July .....								1.14	1.02	3.44	
August .....								2.70	3.61	.70	
September .....								1.63	.92	1.01	
October .....								2.11	8.15	2.06	
November .....								1.48	3.56	5.88	
December .....								2.41	1.20	1.27	
TOTALS .....								17.97	29.27	22.87	

1940 Jan & Feb. estimated from snow.

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			Leigh on Sea	1 1/4 m	S	Leigh on Sea	1 m	S.

Station No. 1273/5

RAINFALL at Leigh (Brick House)

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County of Essex

Observer Miss J. Bentall

River Basin Crouch-3

Type of Gauge Howard

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

File No. 1273/5

Diameter	5"			236	066						
Height	0'10"							11"			
Altitude	136'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.02	1.73	3.83	1.05	1.43	.85	1.74	2.40	.77	1.33	
February	1.25	.72	.90	1.33	1.16	1.68	1.36	.94	.52	2.60	
March	2.12	2.66	.42	.18	1.16	1.30	4.10	.69	.82	.56	
April	1.15	.65	1.01	1.34	.92	1.72	.99	1.46	1.17	1.55	
May	1.49	2.15	1.69	.74	2.62	2.35	.82	1.76	1.74	2.05	
June	.87	.16	1.22	1.47	.94	2.43	1.58	1.63	.64	1.27	
July	3.83	1.62	1.28	2.11	2.13	2.00	2.04	.93	.39	2.86	
August	3.61	1.97	1.16	3.09	2.63	5.00	.09	3.83	1.03	1.36	
September	.40	1.44	2.17	2.52	.80	1.85	1.38	1.02	.86	3.21	
October	1.11	3.00	1.70	3.41	2.47	1.34	.40	1.28	5.07	.31	
November	2.20	2.32	1.13	3.93	.80	2.96	.84	2.28	2.04	3.91	
December	1.31	2.12	1.63	.98	2.75	2.14	2.01	1.93	1.26	1.54	
TOTALS	21.37 D	20.54 D	18.14 D	22.15 D	19.81 D	25.62 D	17.35 D	20.15 D	16.31 D	22.55 D	

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			Chalkwell Bay	1 1/2 m.	S.	Leigh-on-Sea.	1 m.	S.

BRITISH RAINFALL ORGANIZATION

Station No. 1273/5

RAINFALL at Leigh (Brick House)

51

County of Essex

Observer Miss J Bentall

River Basin Crouch - 3

Type of Gauge Howard

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

Ref.

" " 21-34 " " 18 " " 1938-57

File No. 19748/56

Diameter ...	5"			23.6	06.6							
Height ...	0' 11"											
Altitude ...	136'											
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means	
January ...	1.62	1.42	.73	1.56	1.88	3.02	.71					
February ...	4.55	.83	1.43	1.66	1.43	(.38)	2.07					
March ...	1.87	2.47	.26	2.01	1.02	.69	.86					
April ...	2.24	.66	1.58	.32	.20	1.12	.14					
May ...	2.45	1.11	1.32	2.06	4.21	.36	1.21					
June ...	1.18	1.64	1.81	2.84	1.81	1.67	1.09					
July ...	2.94	.75	3.16	2.49	.32	2.97	2.57					
August ...	2.50	1.82	1.42	3.34	1.72	2.32	2.04					
September ...	3.32	4.69	2.05	1.34	2.49	1.65	2.54					
October ...	.73	1.76	2.04	1.54	3.86	.94	1.44					
November ...	2.92	3.88	.86	3.14	.45	.39	2.31					
December ...	1.07	1.95	.48	.81	1.53	1.67	1.39					
TOTALS ...	27.39	22.98	17.14	23.11	20.92	17.27	18.36					
	D	D	d	D	d	NP	d					

\* Until 1938 s/n number 1254, changed on revision of River Div boundaries.

1956: NP. Low, Feb. est'd by Observer.

20004

1959 Terminated - Observer died 15/5/59.

8202  
5173

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference TQ 5849875

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1957			Chalkwall Bay	1 1/4 mi. S.		

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	* C1916.	* D 226.627 onwards.	C'38 ✓ ✓ but d 40	✓ ✓ but d 49	