

RAINFALL AT Halstead, The Brewery.

Lat. _____

Lon. _____

County of Essex

Rain Gauge, by _____

Observer The Royal Met Soc

Cohes &c - 5.

Diameter				5							
Height				1 0							
Altitude				144							
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899	MEANS.
January				1.40	1.79	2.14	.96	1.96	.81	2.15	
February				3.12	1.17	.23	.80	2.36	.86	1.49	
March .....				.53	.78	1.47	2.71	2.96	1.84	.97	
April .....				.09	1.26	1.25	1.09	1.48	1.06	2.16	
May .....				.70	1.80	.61	.35	.92	3.02	2.35	
June .....				.52	1.74	.42	2.62	2.31	2.28	.90	
July				2.58	3.88	3.66	1.02	2.12	1.36	3.04	
August				1.36	2.28	2.34	4.53	2.68	1.25	.67	
September ....				.84	1.08	.72	5.32	2.94	.26	2.19	
October				2.65	2.68	1.63	2.54	.56	1.57	1.81	
November				3.27	3.03	2.00	.97	1.14	2.09	3.15	
December				1.77	1.69	2.13	3.02	1.79	2.65	1.53	
TOTALS . . .				18.73	23.18	18.60	25.93	23.22	19.05	22.41	

RAINFALL AT Halstead The Brewery

Lat.

Lon.

County of EssexSnowdonRain Gauge, by N+3Observer The Royal Meteor Soc

Colne + c - 5.

E. J. Adams Esq (69)

Diameter ..	5										
Height	10										
Altitude ..	144										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	MEAN.
January ..	2.73	.41	.59	1.50	1.88	.99	3.46	1.10	.68	.79	1.413
February ..	3.41	.76	1.04	.45	2.63	.76	2.24	.91	1.37	.66	1.423
March	1.09	2.19	1.17	1.77	1.60	1.99	1.68	.82	1.89	2.63	1.683
April	1.04	2.17	.68	1.88	.74	1.56	1.17	3.06	3.10	2.04	1.744
May .....	.83	1.02	2.47	2.93	1.88	.89	1.14	2.09	1.27	1.00	1.552
June	2.66	2.38	3.23	3.24	.93	3.09	1.91	1.40	.74	3.94	2.352
July	1.10	1.76	1.23	3.88	2.66	.69	.34	1.07	3.27	3.07	1.907
August	2.85	1.26	3.31	3.12	1.42	1.98	.90	2.03	2.34	2.44	2.165
September ..	.47	1.21	.74	2.08	.87	1.97	1.46	.62	1.07	1.80	1.229
October	1.61	2.41	1.18	4.09	.87	.99	4.20	2.76	1.50	3.50	2.311
November ..	1.84	.69	1.25	1.65	1.26	2.07	3.84	2.12	1.22	.76	1.670
December ..	2.57	3.15	1.15	1.22	1.56	.66	2.36	2.77	1.78	3.44	2.066
TOTALS ..	22.20	19.41	18.04	27.81	18.30	17.64	24.70	20.75	20.23	26.07	21.515

1909 Halstead Church 1/2 Mile E
 " Station 1/4 " E

Hals

RAINFALL at Halstead The BreweryCounty of EssexObserver E. J. Adams RNYRRiver Basin Colne + C 5Kempston Road Rain Gauge, by NCF

Diameter ...	5											
Height	10											
Altitude ...	144											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	Total
January ...	1.57	1.23	2.62	3.11	1.54	2.66	1.22	1.40	2.65	2.32		16.12
February ...	2.24	1.11	1.15	.62	2.12	3.77	3.75	.56	.52	2.93		7.59
March .....	.84	2.10	2.83	1.81	4.12	1.60	4.01	1.60	.99	2.52		7.76
April	1.96	.84	.20	1.77	.67	.66	1.40	1.54	2.56	3.81		9.12
May	2.57	1.29	.91	1.64	1.30	2.17	1.97	1.20	1.54	.31		9.31
June	1.59	2.16	1.74	1.23	1.10	.33	2.81	1.09	.82	1.37		5.02
July	1.91	.18	1.60	1.92	2.85	3.77	1.42	2.30	5.35	3.08		6.09
August	2.56	1.19	5.45	1.16	.60	3.33	5.80	6.30	1.07	1.82		12.15
September ..	1.11	1.26	2.81	.91	1.12	1.50	1.46	1.39	3.74	1.01		14.99
October ...	1.32	2.44	1.89	3.62	1.42	1.68	3.37	3.74	2.44	.76		7.60
November ..	3.17	3.36	1.85	2.70	2.52	2.47	4.07	1.62	2.00	1.80		10.31
December ...	3.78	3.97	2.04	.57	6.34	4.48	2.73	1.27	2.29	3.57		9.49
TOTALS ...	24.62	21.13	25.09	21.06	25.70	28.42	34.01	24.01	25.97	26.30		9.86
	7	2	2	2	2	2	2	2	2	2		109.27

1919. Climatological Station 13 ft high - 24 ft NNE.

Stables 25" - 96" S.

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51.58.30 N	037.50 E	Halstead	1 1/2 m 300 yds	NE SE	St. Trinity St. Andrew's	100 yds 750 "	SW ENE

RAINFALL at Halstead The BreweryCounty of EssexObserver E. E. Adams ^{deaf} R. R. R.River Basin ColebrookE. N. AdamsRain Gauge, by H. G.
New Pat.

Diameter ...	5											
Height	1	0										
Altitude ...	140		141									
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Means.	Totals.
January ...	2.05	2.29	3.59	1.32	2.51	1.36	2.53	1.13	3.32	1.68	1.90	23.65
February ...	.31	.15	1.79	3.31	.84	2.16	2.19	3.38	1.15	.57	.55	18.40
March	1.21	.74	1.75	1.45	.57	.83	.07	1.81	2.02	.04	1.54	12.03
April	2.52	1.53	2.70	1.24	2.57	1.98	3.57	1.88	1.86	1.64	1.98	23.47
May .....	.99	.73	1.10	1.23	4.39	2.46	1.42	0.54	1.59	1.45	2.42	18.15
June .....	.99	.12	1.05	.51	2.38	.39	2.96	2.91	2.31	.57	.97	15.16
July	4.20	.20	3.37	1.37	3.45	2.26	2.42	2.81	1.77	3.09	2.47	27.41
August	1.49	1.42	1.92	1.67	2.18	3.24	1.31	2.65	2.13	1.33	2.32	21.66
September...	2.65	1.86	2.73	1.72	2.58	2.61	1.18	4.55	.73	.76	4.19	25.56
October .....	.78	2.28	.62	4.75	4.55	3.09	2.62	1.88	3.09	3.19	1.08	27.93
November...	.53	1.63	1.22	2.41	2.91	1.59	3.55	2.48	2.09	5.23	3.67	27.30
December...	2.58	1.09	1.64	2.07	2.30	1.69	.40	2.60	3.43	4.76	2.50	25.06
TOTALS...	21.04	14.04	23.48	23.05	31.23	23.66	24.22	28.65	24.49	24.31	25.59	243.81
	D	D	D	D	D	D	D	D	D	D	D	42.64

1920. Amisbury 13 ft. high pyl. NNE
State 30 ft. SE

Position of Station on reduced Ordnance Survey
Map, 2 miles to 1 inch Series

No. of Map

Reference No.

Date.	Lat. N.	Long. E.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	50° 6' 30" N	1° 50' 30" W	Halstead C. V. Ry.	200 yds.	E	St Andrew's	750 yds.	ENE

RAINFALL at Halkend (The Brewery) M.W.R.County of Essex Observer F. N. Adams, Esq.River Basin Colne &c - S.Type of Gauge Annual Average 23.0 in. based on 44 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 379

Diameter	5.											
Height	1.0.											
Altitude	139					140						
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total	Means
January	1.91	1.24	1.58	1.26	2.56	4.46	4.54	2.74	5.75	1.60	27.64	
February	2.23	.33	1.13	.10	2.54	1.97	3.08	.42	.66	1.74	14.20	
March	.32	1.15	2.06	2.17	.38	.80	3.41	.49	1.60	2.83	15.21	
April	3.12	2.09	1.03	2.35	2.68	1.48	3.15	.32	2.75	1.48	20.45	
May	2.45	4.36	1.42	.65	1.21	1.42	2.25	1.52	1.28	2.15	18.81	
June	.93	.51	2.25	1.28	3.53	3.28	2.09	.73	1.81	.57	16.98	
July	2.78	2.67	1.47	.91	.61	3.78	1.34	1.25	3.29	2.80	20.90	
August	3.55	.92	.72	1.73	1.07	.67	.74	1.39	2.95	.09	13.83	
September	1.61	1.60	1.72	1.18	3.10	2.11	1.15	1.56	.64	.52	15.19	
October	.70	4.94	1.82	1.44	2.65	1.74	1.24	2.72	6.71	1.95	25.91	
November	1.63	1.36	1.34	1.58	4.22	2.85	1.24	2.27	4.10	6.81	27.40	
December	.81	.31	.54	4.05	2.77	2.01	3.23	3.01	1.17	1.63	19.53	
TOTALS	22.04	21.48	17.03	18.70	27.42	26.57	27.46	18.42	32.71	24.17	236.05	K17

Inspected May 1937. See 15th high 16 ft to top of r. gauge, to the cat down on pump 4 ft above to beam with 1 ft gauge etc. Beam of gauge being badly set. with catbed.

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	Direction

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

RAINFALL at Halstead (The Brewery) Station No. 1324 M.W.R. 41County of SSEX. Observer F.N. Adams, Esq.River Basin Colne & C. - 5

Type of Gauge.....

Annual Average 23.0 in. based on 41 years obs. un-weighted. Period of average 1881 - 1915 Ref. P.B. 379.File No. 1324

Diameter	5"			228	554							
Height	1' 0"											
Altitude	140'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.92	2.61	4.36	1.49	1.76	1.42	2.11	3.75	1.12	1.31		21.85
February	2.32	1.19	.78	.90	1.35	1.91	1.70	1.27	1.40	3.13		15.95
March	3.13	1.77	.49	.53	.95	1.10	4.60	1.04	.72	.58		14.91
April	1.21	.79	1.10	1.37	.92	1.32	1.74	1.66	1.25	1.56		12.92
May	1.71	1.77	1.04	1.36	2.85	1.53	.62	2.36	1.80	1.49		16.53
June	.69	.25	1.70	1.58	1.72	3.24	3.25	2.49	.63	1.48		17.03
July	2.49	1.98	1.57	1.79	1.64	4.42	3.20	1.44	1.35	3.79		23.67
August	3.80	2.12	1.08	1.84	1.56	3.41	.51	4.92	1.53	2.12		22.87
September	.39	1.74	1.77	3.22	2.72	2.24	1.43	1.33	.79	3.32		18.96
October	1.80	4.26	1.55	3.20	1.64	1.38	.16	1.69	4.99	.22		20.89
November	1.98	2.00	1.63	3.29	.43	3.22	1.05	1.60	2.20	3.82		21.22
December	1.56	2.78	1.44	1.22	2.91	2.53	2.99	1.67	1.80	1.60		20.60
TOTALS	23.00	23.26	18.51	21.79	20.45	27.72	23.36	25.22	19.58	24.42		227.31
	D	D	D	D	D	D	D	D	D	D		227.31

Inspected Mr A.E. Gope. 13.8.49. Small leak in gauge where pipe joins funnel to be repaired. will not have affected catch. Same site since 1893, slightly sheltered. F.B. measurement. Tapot measure recommended. No other site possible.

Inspected 13/8/49

202.57
4 33

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.

BRITISH RAINFALL ORGANIZATION

Station No. 1324

RAINFALL at Halstead (The Brewery)

(MWR) (15)

51

County of EssexObserver F. N. Adams Esq.River Basin Colne & C. 5

Type of Gauge.....

Annual Average 23.0 in. based on 44 years obs. wt-weighted.Period of average 1851-1915

A.W.S.

Ref. P.B. 37923.40 " " 35 " " 1916-1950File No. 1916-1950 E 2216658

Diameter ...	5"			228	554						
Height ...	1' 0"										
Altitude ...	140'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.73	2.13	.93	1.65	2.33	3.23	1.38				
February ...	4.35	.61	1.09	1.93	1.95	.58	2.27				
March ...	2.93	3.12	.31	1.96	1.17	.78	1.16				
April ...	2.76	1.19	2.12	.24	.26	.91	.15				
May ...	2.63	.64	1.58	1.84	2.96	.42	1.07				
June ...	1.17	1.20	2.60	3.31	2.18	1.91	1.31				
July ...	1.53	.74	3.00	2.14	.47	2.62	2.74				
August ...	2.75	2.54	2.02	2.93	1.63	4.59	1.98				
September ...	3.78	2.71	2.10	1.47	2.18	1.44					
October ...	.86	2.15	2.59	1.72	3.90	2.35					
November ...	3.67	4.39	1.23	3.44	.62	.55					
December ...	1.74	2.35	.79	1.84	1.52	2.03					
TOTALS ...	29.90	23.77	20.36	25.47	21.17	21.41	inc. nb.				

Temp. 11° below 13.754. gauge leaking in 3 places at joint of funnel & rim & in side of rim. To be soldered
 to prevent moisture being sucked by funnel. Recommended you plot for value of all East. 4 pr.
 1957. No returns after Aug. - presumed T. No reply to letters re. inspection report.

1957. Laminated August 1957.

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference TU(52) 512.202

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction 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
	✓	✓	✓	✓	
	✓ but -13	✓ but '20 & 27	✓	✓	