

RAINFALL at Altwoods HabsteadCounty of Essex Observer R. E. Vaisey EsqRiver Basin Colne & G. 5

Rain Gauge, by _____

Diameter ...											5"	
Height											1 0	
Altitude.....											200	
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January.....												
February ...												
March												
April												
May												
June												
July												
August												
September...												
October											83	
November...											1.92	
December ...											3.52	
TOTALS ...												

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.

RAINFALL at Halstead, AttwoodsCounty of EssexObserver R. E. Varley EsqRiver Basin Culver & C 5

Rain Gauge, by _____

Diameter ...	5										
Height	1	0								1	0
Altitude ...	200		252		200						
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEAN 1930
January ...	2.27	2.22	3.67		2.61	1.65	2.62	1.53	3.82	1.91	2.17
February ...	4.7	2.3	1.74		.96	2.39	2.22	3.40	1.58	.66	.65
March	1.22	.85	1.77		.59	1.15	.15	1.95	2.19	.09	1.43
April	3.63	1.50	2.92		2.63	2.39	4.14	2.10	.99	1.71	2.00
May .....	.97	.83	1.10		4.74	2.40	1.53	.74	1.77	1.55	2.43
June	1.03	.19	1.18		2.39	.47	3.09	2.99	2.63	.57	.85
July	4.16	.27	3.29		3.74	2.69	2.55	3.12	1.81	3.15	2.54
August	1.58	1.71	1.91		2.01	3.34	1.29	3.01	2.33	1.38	2.46
September...	2.84	1.86	2.84		2.71	2.84	1.51	4.48	.86	.92	4.13
October .....	.87	1.93	.76		4.30	3.22	2.51	1.97	3.17	3.32	1.14
November...	.59	1.63	1.29		3.04	1.78	3.95	2.66	2.21	5.06	3.60
December...	2.80	1.33	1.73		2.31	1.80	.48	2.21	3.41	4.66	2.26
TOTALS...	22.43	14.55	24.20		32.03	26.12	26.04	30.16	26.77	24.98	25.76

1921. Trees 20 ft. high various directions

NB. Rejected from survey as 1 1/2" high.

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
			Halstead	2 1/2	N.E.	Halstead	2 1/2	N.E.

RAINFALL at Halstead (Arbwoods)County of EssexObserver R. E. Vaizey, Esq.River Basin Colne &c. - 5Type of Gauge SnowdonAnnual Average 23.6 in. based on 13 years obs. un-weighted. Period of average 1881-1915 Ref P. 379
" 23.6 in. computed by Mr. Cornish (1938) of 561245/36 391967/25

Diameter	5.										
Height	1.0.	1.	6.	1.0		1.6					
Altitude	200.										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.95	1.44	1.54		2.67	4.63	4.43	3.09	5.88	1.69	
February	2.33	.45	1.09		2.51	1.95	2.91	.53	.38	1.91	
March	.20	1.23	2.18		.38	.81	3.16	.54	2.12	2.85	
April	2.93	2.25	1.03		2.61	1.50	3.07	.42	2.48	1.61	
May	2.69	4.20	1.51		1.22	1.64	2.85	1.70	1.33	2.71	
June	1.05	.52	2.35		3.65	3.78	2.29	.77	1.78	.61	
July	2.99	2.95	1.34		.80	3.44	1.58	1.53	3.27	2.97	
August	3.79	.81	.74		1.06	.54	.71	1.68	2.91	.12	
September	1.58	1.57	1.74		3.04	2.04	1.34	1.63	.73	.61	
October	.70	4.90	1.74		2.88	1.73	1.30	2.85	6.39	2.18	
November	1.71	1.44	1.24		4.20	2.85	1.60	2.38	4.31	6.97	
December	.85	.45	.56		2.76	2.16	3.35	3.17	1.36	1.74	
TOTALS	22.77 D	22.21 D	17.06 D	No.	27.78	27.57	28.09	20.29	33.44	25.97 D	

1934. Observer reports unable to keep records. Hope to continue for 1945. (End in suspense 1945)

NO. 1920-33 Rejected from Survey as 1 1/2" High

{ Average using period 1919-33 = 23.3 in. which fits new staff. Many families, however, not to publish this. (End in suspense 1945)

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
1932			Halstead	1/2 m.	N.	Halstead	1/2 m.	N.

Station No. 1323RAINFALL at Halstead (Atterdowns)

41

County of Sussex Observer R. E. Varley Esq.River Basin Colne &c. - 5.Type of Gauge SnowdonAnnual Average 23.6 in. based on 23.6 years obs. un-weighted. Period of average Ref. 54, 245/3623.6 computed by Mr. Cornish (1938) File No. 3919/1/25

Diameter	5"			228	549						
Height	1' 6"										
Altitude	200'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.35	2.39	4.43	1.62	1.80	1.65	2.09	3.83	1.13	1.39	
February	2.49	1.04	.81	1.03	1.46	2.11	1.68	1.23	1.34	3.00	
March	3.25	1.93	.52	.50	.99	1.27	4.82	1.04	.77	.57	
April	1.33	.88	1.15	1.41	1.02	1.15	1.76	1.77	1.24	1.37	
May	1.74	1.81	1.12	1.30	3.03	1.71	.60	2.53	1.72	1.44	
June	.77	.26	1.74	1.62	1.70	3.51	3.18	2.53	.64	1.37	
July	2.65	2.04	1.84	1.90	1.75	4.46	4.42	1.48	1.26	3.47	
August	3.84	1.87	1.19	1.78	1.72	3.53	.49	5.25	1.27	1.90	
September	.42	2.17	1.81	3.08	2.65	2.37	1.68	1.41	.79	3.13	
October	1.98	4.35	1.55	3.20	1.77	1.46	.15	1.67	5.20	.20	
November	2.14	2.04	1.81	3.27	.65	3.87	1.12	1.83	2.20	3.75	
December	1.69	2.99	1.54	1.30	2.98	2.67	3.09	1.47	1.62	1.47	
TOTALS	24.65	23.77	19.51	22.01	21.52	29.76	25.08	26.04	19.18	23.06	

1927 by?

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			Halstead	½ m.	N.E.	Halstead	½ m.	N.E.

BRITISH RAINFALL ORGANIZATION

Station No. 1323

RAINFALL at Halstead (Attwoods)

51

County of EssexObserver Miss H. E. Vainay Esq (1952)River Basin Colne & C. 5Brig. J. C. de H. Vainay.Type of Gauge Snowdon (No. 2)Annual Average 24.51 in. based on 33 years obs. un-weighted. Period of average 1920-57. Ref. 1916-58" " 23.6 computed by Mr. Cornish (1938) of 561245/36 File No. 391967/358

Diameter ...	5"			22.8	5.49					5"	
Height ...	1' 6"									8"	
Altitude ...	200'									255'	
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	1.84	2.20	.94	1.51	2.19	3.25	1.31	2.15	1.85	2.07	
February ...	4.18	.60	.98	1.91	1.83	.61	2.80	2.97	.15	1.65	
March ...	2.84	2.63	.30	1.83	.96	.80	1.17	.74	1.71	1.51	
April ...	2.68	1.05	2.08	.20	.19	1.02	.13	.84	1.91	.39	
May ...	2.48	.75	1.53	1.72	2.92	.43	1.15	2.32	.63	1.54	
June ...	1.12	1.14	2.60	2.23	2.02	1.86	1.51	4.79	1.53	1.40	
July ...	1.48	.70	2.92	2.74	.66	2.76	2.88	3.56	2.68	3.56	
August ...	2.64	2.38	1.88	2.86	1.58	4.60	2.18	4.63	.52	3.44	
September ...	3.80	2.36	2.06	1.43	1.89	1.19	2.71	3.85	.02	3.25	
October ...	.85	2.19	2.43	1.76	4.04	2.51	2.19	2.11	1.76	6.21	
November ...	3.62	4.12	1.14	3.43	.52	.63	2.47	1.37	2.31	3.40	
December ...	1.82	2.21	.76	1.66	1.61	2.09	1.87	2.81	3.77	2.71	
TOTALS ...	29.38	22.33	19.62	23.28	20.43	21.65	22.37	32.14	18.84	31.13	
	D	D	D	D	D	D	D	D	D	D	

1951 Garden Walk 12' high, 18' N.

Inspected 22.3.60 by H.H. Blaker. Line 12'-20' NE. Lines 100'-100' NE → 3 1/4' 80'-60' N → 2 1/2' 80'-130' WNW → Elm 100'-200' W. Rec. more N 30 deg SW. Elm still near anemometer but otherwise satisfactory

802198

Position of Station on Ordnance One-Inch map:

No. of Map.....

National Grid Reference TL (52) 802299

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Halstead	1/2 ml NE	Halstead	1/2 ml NE

Summary of Earlier Records from 10-year Sheets:

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	Cont. '19	✓ but A.R. 33 ✓ but - 20-24	✓ but A.R. 34 ✓ but - 35-39	✓ ✓ but - 41-42, 44	