

RAINFALL at *Great Bardfield, South Lodge*County of *Essex*Observer *A.W. Brunwin Esq.*River Basin *Blackwater - 4**Symons* Rain Gauge, by _____

Diameter ...											5	
Height											20	
Altitude.....											250	
Year	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January.....										2.69		
February ...										2.77		
March										2.55		
April										3.23		
May .....										.42		
June										1.54		
July										3.19		
August										1.98		
September...										.93		
October .....										.69		
November...										1.96		
December ...										2.91		
TOTALS ...										24.86		

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919			Thaxted	5½ m.	N	Gt. Bardfield	½ m.	E.

RAINFALL at St. Bardfield Post OfficeCounty of EssexObserver W. Brunwin Esq.River Basin Blackwater(1925) Howard's Rain Gauge, by Howard's

Diameter ...	5											
Height	0											
Altitude ...	250											
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEANS 1930	
January ...	2.23	2.00	3.07	1.27	2.67	1.54	2.37	1.30	3.32	1.78	1.75	2300
February ...	.65	.48	1.91	3.00	1.02	2.62	2.31	3.52	1.26	.49	.58	1784
March	1.46	.79	1.91	1.79	.64	1.08	.14	2.14	2.16	.12	2.08	1432
April	3.77	1.55	2.68	1.37	2.75	2.12	3.07	1.98	1.13	1.67	2.03	2412
May	1.26	1.35	1.19	1.26	4.46	2.55	1.32	1.01	1.64	1.38	2.36	1978
June	1.01	.32	1.31	.73	2.59	.50	3.47	2.88	2.38	.49	.66	1634
July	3.76	.54	3.77	1.98	3.29	3.66	3.24	2.61	2.02	1.73	3.13	2973
August	1.39	1.49	1.97	1.97	1.78	3.22	1.46	2.98	1.98	1.52	2.52	2228
September...	2.46	2.14	2.58	1.97	3.22	2.70	.88	4.66	.71	.76	4.03	2611
October .....	.79	1.48	.73	4.21	3.69	2.97	2.51	1.94	3.06	3.18	1.23	2579
November...	.55	1.63	1.16	1.81	3.09	1.60	3.92	2.38	2.13	4.29	3.07	2568
December...	2.35	1.28	1.94	2.17	2.58	1.74	.61	2.35	2.57	4.71	2.27	2457
TOTALS...	21.68	15.10	24.22	23.53	31.78	26.30	25.30	29.75	24.36	22.13	25.71	26986

1921. Brick Wall 5 ft high 10 ft N.

1927 Dec. cov for snow.

1929 Gauge moved 20th November 4 yds.

Howard gauge like E. but has been remodelled so as to be like B.

Hedge 6 ft high 12 ft E.

1930. Wall 5' high 9' N.

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	51 ³ / ₄	0 ³ / ₄	Thaxted	5 ¹ / ₂ mi	N	Thaxted	1/2 mi	E
1929						St. Bardfield	1/2 mi	S.E.

RAINFALL at Great Bardfield (South Lodge)County of EssexObserver A. W. Brunwin Esq.River Basin Blackwater - 4Type of Gauge SnowdonAnnual Average.....in. based on.....years obs. un-weighted. Period of average.....Ref.
" 232 in. computed by Mr. Cornish (1938) Ref. 561245/36 662937/26

Diameter	5										
Height	0										
Altitude	250										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.86	.99	1.57	1.33	2.07	3.67	3.78	3.06	4.95	1.52	24.80
February	2.29	.36	1.38	.15	2.36	1.99	2.67	.69	.65	1.62	14.16
March	.16	1.27	2.10	2.25	.35	.80	2.78	.40	1.55	3.20	14.86
April	2.79	2.08	1.35	1.41	2.87	1.39	3.06	.17	2.77	1.49	19.38
May	2.74	4.18	1.36	.41	1.56	1.65	2.25	1.63	1.10	1.25	18.13
June	1.36	.61	2.78	1.55	2.32	2.41	1.83	.41	1.73	.35	15.30
July	3.59	2.13	1.96	1.18	.63	3.40	1.57	1.48	2.00	3.50	21.44
August	3.61	1.34	0.73	2.00	1.32	.67	.62	1.05	3.26	.09	14.59
September	1.72	1.47	2.53	1.73	3.24	2.18	.98	2.85	1.66	.74	19.10
October	.63	4.96	1.97	1.25	2.47	1.82	1.38	2.49	5.16	1.94	24.07
November	1.78	1.52	1.02	1.79	3.69	2.88	1.54	2.69	3.95	6.77	27.63
December	.73	.39	0.47	3.39	2.73	1.86	3.06	2.74	1.13	1.45	17.95
TOTALS	23.26	21.30	19.17	18.44	25.61	24.62	25.52	19.66	29.91	23.92	231.41
	D	D	5.1	D	D	D	D	D	D	D	1 KM.

1936 Wall 5' high 9' N.

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 from map '38			Thaxted	5	N	Gt Bardfield	1/2	SE
			"	4 1/2 m	W	"	1/3 m	N.E.

RAINFALL at Great Bardfield (South Lodge) Station No. M 1308

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County of Essex Observer A. H. Bannister Esq.River Basin Blackwater - 4Type of Gauge SwanstonAnnual Average 23.2 in. based on 1 years obs. un-weighted. Period of average Ref 561245/36" " 23.2 computed by M. Cornish (1938) File No. 662957/25 E4907/46

Diameter	5"	230	589								
Height	1'0"			1942							
Altitude	250			45					240		
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	1.79			1028		1.65	2.08	3.18	1.13	1.26	2137
February	1.85			403		2.08	1.91	1.16	1.17	3.18	1538
March	3.10			346		1.17	4.61	1.02	1.84	1.50	1470
April	1.16			462		.94	1.87	1.95	1.54	1.28	1336
May	1.54			682		1.97	.51	2.01	1.91	1.62	1638
June	.57			643		2.98	2.95	1.88	1.67	1.60	1708
July	1.89			863		4.48	3.06	1.08	1.57	3.03	2374
August	4.19			653		3.06	.34	4.35	1.75	1.68	2190
September	.35			841		2.37	1.49	1.25	1.65	2.92	1744
October	1.69			1099		.94	.12	1.79	4.78	.22	2053
November	2.32			635		2.92	.94	1.48	1.91	3.87	1979
December	1.55			829		2.09	2.87	1.87	1.65	1.50	1982
TOTALS	22.00			8484		26.65	22.75	23.02	19.57	22.66	22149

27.1.42 Stn. T. at end of 1941.
 1944 copied from press-cutting

1945 Oct. Dec. values computed for W.S. (see p. 100 98)

7528

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. 1308RAINFALL at Great Bardfield (South Lodge)

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County of EssexObserver G. H. Brunwin Esq.River Basin Blackwater - 4Type of Gauge "Snowdon"Annual Average in. based on years obs. un-weighted. Period of average Ref" " 23.2 in. computed by Mr. Cornish (1938) of 561245/36 File No. E.4907/46

23.57" based on 35 years at 1916-1950 Period of at. 1916-1950, Rg 7												
Diameter	...	5"									5"	
Height	...	2' 0"	1' 0"							1' 4"		
Altitude	...	250'								250'		
Year	...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	...	1.73	1.98	.89	1.07	2.27	3.43	1.24	1.90	2.18	2.02	2.08
February	...	3.89	.57	1.26	1.87	1.59	.72	2.15	3.09	.14	1.33	2.24
March	...	2.71	2.89	.22	2.24	1.19	.69	1.17	.81	2.15	1.34	.27
April	...	2.78	1.23	2.28	.22	.25	1.12	.17	1.11	2.27	.49	1.78
May	...	2.50	.63	1.66	2.29	3.29	.61	.56	2.33	.54	1.05	.23
June	...	1.20	.94	2.67	2.31	1.92	1.96	1.74	5.45	.40	1.31	1.34
July	...	.85	.67	2.95	2.34	.66	2.98	2.88	3.54	1.69	2.60	1.04
August	...	3.06	3.54	1.64	3.19	.99	4.02	2.63	4.08	.60	3.61	2.17
September	...	3.16	2.87	2.00	1.71	1.99	2.13	2.54	3.15	.03	4.58	2.12
October	...	.86	2.42	2.98	2.05	3.58	1.99	2.13	2.12	2.03	5.43	2.98
November	...	3.46	3.74	1.03	3.39	.63	.66	2.01	1.75	2.03	2.95	1.63
December	...	1.78	2.23	.71	1.81	1.56	1.91	2.16	2.66	4.18	2.84	3.35
TOTALS	...	27.98	23.78	20.29	14.49	19.92	22.22	21.38	31.99	18.24	29.55	21.93
		D	D	D	D	D	D	D	D	D	D	

1957. House, 40' high, 50 S.W.; Low Wall 4'6" high 18'E

Imagined 22-3-60 by H.H.H.H.H. Row of pin 45'-100' N → 60'-120'E. Rec. many 12 yls SE to avoid pear.
the site satisfactory

Position of Station on Ordnance One-Inch map :

No. of Map.....

National Grid Reference 52/674304

Date.	Lat. N.	Long.	Railway Station.	Distance Direction from gauge	Parish Church.	Distance Direction from gauge.
1951			Thaxted	5 mi SW	Gr. Bardfield	2 1/2 mi SE

Summary of Earlier Records from 10-year Sheets :

1916-1950, P amptd.

Record D, or d	1910-19	1920-30	1931-40	1941-50	1951-60
	C19 ✓	✓	✓	✓	✓
	✓	✓	✓	✓	✓