

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	MEANS.
January.....										2.69
February ...										2.77
March										2.55
April										3.23
May42
June										1.54
July										3.19
August										1.98
September...										.93
October.....										.69
November...										1.96
December ...										2.91
TOTALS ...										24.86
										2

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1919			Thaxted	5½ m	N	Gt. Bardfield	4 m.	E.

RAINFALL at St. Bardfield Pasture

County of Essex

Observer Mr. Brewin Esq.

River Basin Blockwater

(1925) Howard's Rain Gauge, by Howard's

Diameter ...	5										
Height	1	0									
Altitude ...	250										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	MEDIAN 1930
January ...	2.23	2.00	3.07	1.27	2.67	1.84	2.37	1.30	3.32	1.78	1.75
February65	.48	1.91	3.00	1.02	2.62	2.31	3.52	1.26	.49	.58
March April.....	1.46	.79	1.91	1.79	.64	1.08	.14	2.14	2.16	.13	2.08
May	3.77	1.55	2.68	1.37	2.75	2.12	3.07	1.98	1.13	1.67	2.03
June	1.26	1.35	1.19	1.26	4.46	2.55	1.32	1.01	1.64	1.38	2.36
July	1.01	.32	1.31	.73	2.59	.50	3.47	2.88	2.38	.49	.66
August	3.76	.54	3.77	1.98	3.29	3.66	3.24	2.61	2.02	1.73	3.13
September...	2.46	2.14	2.58	1.97	3.22	2.70	.88	4.66	.71	.76	4.03
October.....	.79	1.48	.73	4.21	3.69	2.97	2.51	1.94	3.06	3.18	1.23
November...	.55	1.68	1.16	1.81	3.09	1.60	3.92	2.38	2.13	4.29	3.07
December...	2.35	1.28	1.94	2.17	2.58	1.74	.61	2.35	2.57	4.71	2.27
TOTALS...	21.68	15.10	24.22	23.53	31.78	26.30	25.30	29.75	24.36	22.13	25.71
	D	D	I	D	D	D	D	D	D	I	D

1921. Brick wall 5 ft high 10 ft N.

1927 Dec. cow for snow.

1929 Gauge moved 20' N. November 4 yds.

Howard gauge still E. but has been remodeled 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 } No. of Map _____ Reference No. _____
Map, 2 miles to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1921	51°34'	97°	Thaxted	5½ mi	N	Thaxted	½ mi	E
1929						St. Bardfield	½ mi	S.E.

RAINFALL at Great Bardfield (South bridge).

County of Essex

Observer A. W. Brunskill Esq.

River Basin Blackwater -4

Type of Gauge Snowdon.

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

Ref.

" " 23.2 in. Computed by Mr. Cornish (1937) Ref. 561245/36

662937/26

Diameter	5										
Height	1	0									
Altitude	250										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means
January	1.36	.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	2.89	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	2.73	1.55	2.82	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	1.82	.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	7.4	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	23141 KM
	D	D	D	D	D	D	D	D	D	D	

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	Parish Church..	Distance from gauge	Direction
1931 from map '38			Thaxted "	5 4 1/2 m	N W	Gt Bardfield "	1/2 3 m	SE N.E.

Station No. M 1308

RAINFALL at Great Bardfield (South Lodge)

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County of Essex

Observer A. H. Beauchin Esq.

River Basin Blackwater - 4

Type of Gauge Snowdon

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

Ref. E61245/36

E4947/46

= 23.2 computed by Mr Cornish (1938) File No. 66298772

Diameter	5"	230	589	David						
Height	1' 0"			1942						
Altitude	250			-45						240
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	Means
January	1.79			1.028	1.65	2.08	3.18	1.13	1.26	2137
February	1.85			4.03		2.08	1.91	1.16	1.17	3.18
March	3.10			3.46		1.17	4.61	1.02	.84	1470
April	1.16			4.62		.94	1.87	1.95	1.54	1336
May	1.54			6.82		1.97	.51	2.01	1.91	1.62
June	.57			6.43		2.98	2.95	1.88	.67	1.60
July	1.89			8.63		4.48	3.06	1.08	1.57	3.03
August	4.19			6.53		3.06	.34	4.35	1.75	1.68
September	.35			8.41		2.37	1.49	1.25	.65	2.92
October	1.69			10.99		.94	.12	1.29	4.78	.22
November	2.32			6.35		2.92	.94	1.48	1.91	3.87
December	1.55			8.29		2.09	2.87	1.87	1.65	1.50
TOTALS	22.00			84.84		26.65	22.75	23.02	19.57	22.66
										22149

Rainfall Survey

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

1945 Oct - Dec values computed for 1945 (see folder 98)

7555

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

BRITISH RAINFALL ORGANIZATION

Station No. 1308

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RAINFALL at Great Bardfield (South Lodge)

County of Essex

Observer G. H. Brunwin Esq.

River Basin Blackwater -4

Type of Gauge "Snowdon"

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

Ref.

23.2 in. computed by Mr. Cornish (1938) qf. 56/245/36

File No. E4907/46

Diameter	23.57 in. 5	Based on 35 years 1916-1950	Period of av. 1916-1950, Ref. T	5"							
Height	2' 0"	1' 0"		1' 4"							
Altitude	260'			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	2.03
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	.93
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	3.89	.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	23.76	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	

1951. House, 40' high, 50 S.W.; Low Wall 4' 6" high, 18'E

Ingested 22-3-60 by M. H. L. Pear tree 15°-20°W. Row of pine 45°-100°N → 60°-120°E. Rec. many 12 yrs 56 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 from gauge	Direction from gauge	Parish Church.	Distance from gauge
1951			Thaxted	5 mi	NW	Gr. Bardfield	3/4 mi S.E.

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
	C 19 ✓	✓	✓	✓	✓ but 40/10-45/