

# RAINFALL at Halfeld Broad Oak Warrington Hall

1239 10 1239

County of Essex

Observer A. H. Goring Esq a. hallsworth

River Basin Thames Lea 1

Sunder Rain Gauge, by NF3

Diameter ...	5											
Height .....	10											
Altitude ...	300 T											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.04	1.40	2.83	2.70	.95	3.00	1.34	1.58	2.83	3.12		Total 18.77
February ...	2.29	1.27	1.43	.63	2.02	2.89	3.79	.69	.83	2.74		8.05
March .....	1.10	2.06	2.92	1.64	4.26	1.52	4.26	1.70	1.07	2.40		9.43
April .....	1.51	.70	.13	1.92	.82	.92	1.33	1.92	3.17	3.59		10.01
May .....	2.44	1.02	.95	1.46	1.49	2.22	2.12	3.13	1.93	.30		7.48
June .....	2.43	2.06	3.11	1.29	2.91	1.50	2.78	.66	.70	1.34		5.48
July .....	2.12	.74	1.47	1.41	2.09	3.86	1.14	2.83	4.20	2.09		10.26
August .....	2.46	.40	5.39	.76	.89	3.03	3.49	4.87	1.16	2.23		11.75
September ..	.95	1.27	2.63	.85	1.09	1.98	1.31	1.41	3.88	1.19		7.79
October ...	1.41	2.80	1.86	3.15	1.46	1.45	3.19	3.72	1.57	.88		9.36
November ..	3.58	2.95	2.38	2.47	3.08	2.51	4.02	1.63	2.00	2.23		4.88
December ...	3.91	4.47	2.15	.68	5.95	4.47	2.95	1.07	2.28	3.42		9.72
TOTALS ...	26.24	21.14	27.25	18.99	27.01	29.35	31.72	25.21	25.62	25.53		107.48
	3		3	3	3	3	3	3	3	3		

1910 Fruit Tree 15 ft high 45 yds Square

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910			Totley	2 1/2 mls	N	St Marys	1 Mile	SW

## RAINFALL at Hatfield Broad Oak, Barnington Hall

County of Essex

Observer Arthur Bellisworth for H.H. Goding.

River Basin Chelmer for L.

1930 M.O. Rain Gauge, by No. 3.

Diameter ...	5"												
Height .....	0 10												
Altitude ...	300.												
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	<del>1930</del> 1930		Totals
January ...	2.10	1.70	3.16	1.30	2.72	2.20	2.64	1.59	3.10	1.57	2.11		24.19
February ...	.41	.38	1.98	3.18	.77	3.24	3.03	3.55	1.43	.70	.65		19.32
March .....	1.63	.96	1.82	1.52	1.15	.94	.19	2.35	2.01	.05	1.53		16.15
April .....	3.96	1.74	2.51	1.39	2.85	1.72	2.97	1.70	.94	1.92	2.54		24.24
May .....	3.56	.83	.86	1.64	4.72	2.13	1.43	.83	1.55	1.65	2.17		21.37
June .....	1.53	.35	1.55	1.02	2.18	.37	3.35	3.77	2.54	.53	.56		17.75
July .....	4.00	.15	3.78	2.16	4.79	4.04	2.36	2.93	1.71	2.49	2.13		30.56
August .....	1.76	.79	2.80	1.90	2.67	2.42	2.38	3.39	2.12	1.57	2.89		24.67
September...	2.65	2.80	3.13	1.72	3.03	2.66	1.11	4.44	.72	.80	3.25		26.31
October .....	.96	.86	.83	4.64	3.87	3.20	2.16	2.04	3.12	3.29	1.32		26.27
November...	.60	1.45	1.26	1.75	3.23	1.52	4.31	2.43	2.43	5.23	3.72		27.93
December...	2.20	1.35	2.05	2.35	2.71	1.97	.43	2.71	2.91	4.85	2.62		26.15
TOTALS...	25.36	13.36	25.73	24.57	34.69	26.41	26.36	31.73	24.58	24.65	25.49		282.93
	D	D	D	D	D	D	D	D	D	D	D		

1920. Linga Cordor mple 4 ft high 4 ft 6 in

1925. Asplenium 3 ft high 8 yds. S.W.

Potatoes 2 " 4 " E.

Cabbages 1 " 2 " N.

Swiss chard 1 " 2 " S.

1926. Tree 15 ft high 80 ft N.W.

1930 Tree 13 ft high 20 yds NW.

Position of Station on reduced Ordnance Survey } No. of Map

Map, 2 miles to 1 inch Series

Reference No.

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction from gauge	Parish Church.	Distance from gauge	Direction from gauge
1940.			Hatfield	2.5 mi	N	S. Marys	1 mi	SW

## RAINFALL at Hatfield Broad Oak (Barrington)

County of EssexObserver A. H. Gosling, Esq.River Basin Thames - Lea - 1

Type of Gauge .....

Annual Average 24.2 in. based on 27 years obs. ~~un~~ weighted. Period of average 1881-1915 Ref. 224/15

829.199/38

Diameter	5.											
Height	0.10.											
Altitude	300.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Total	Mean
January	1.87	1.28	1.94	1.65	2.02	3.79	4.04	2.63	5.24	2.30	2671	
February	2.11	.21	1.55	.37	2.54	1.90	3.27	.69	.53	1.36	1503	
March	.14	1.28	2.27	2.14	.58	.97	2.93	.34	1.59	3.27	1551	
April	3.42	1.86	1.26	1.99	2.97	1.18	2.93	.15	2.97	1.75	2048	
May	2.96	3.49	1.35	.51	1.26	.75	2.67	2.12	1.54	.53	1748	
June	1.53	.51	.90	1.38	3.70	4.27	1.77	.53	1.34	.64	1657	
July	4.51	2.47	1.35	1.18	.54	4.14	3.97	1.32	2.77	3.87	2662	
August	5.43	1.15	.49	2.06	1.90	.57	.89	1.23	3.27	.07	1711	
September	1.56	1.68	3.24	1.24	3.57	2.55	.99	2.61	1.45	.91	1980	
October	.55	5.12	1.96	1.43	2.56	1.99	1.43	2.64	5.38	2.68	2574	
November	2.20	1.37	.94	1.67	4.28	3.08	1.50	2.88	4.19	6.27	2838	
December	.70	.47	.53	3.98	2.94	1.91	3.38	3.04	1.14	1.77	1986	
TOTALS	27.03	20.89	17.98	19.60	28.96	27.10	24.87	20.73	31.71	25.42	24929	187

1931. Greenhouses 22 yds away N.

1940. May cond. for m.w.b. table.

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			Takeley	2 1/2 m	N	St Marys MBO	1 m	SW



Station No. M. 1239

RAINFALL at Hatfield Broad Oak (Barrington)

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County of Essex

Observer A. H. Goshing Esq.

River Basin Thames - Lea - 1

Type of Gauge

Annual Average 24.3 in. based on 27 years obs. un-weighted. Period of average 1881-1915 Ref. A.W.S.

File No. 839199/138

Diameter	5"											
Height	0' 10"											
Altitude	300'											
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means	
January	1.94	2.29	4.52	1.26	1.81	1.82	2.08	3.68	1.38	1.36		Total 22.14
February	2.12	1.31	1.13	1.05	1.48	2.57	1.74	1.58	1.22	3.68		17.88
March	2.92	1.52	.38	.17	.95	1.53	5.54	1.02	.86	.59		15.48
April	1.45	1.23	1.11	1.75	1.19	1.11	1.91	1.89	1.68	1.87		15.19
May	1.45	2.25	1.47	1.24	3.42	2.06	.77	2.28	1.87	1.87		18.68
June	1.93	.22	1.63	2.06	1.47	2.17	2.41	2.98	.72	2.19		17.78
July	2.81	2.34	1.81	1.99	1.97	3.73	3.15	1.24	.81	3.23		23.08
August	4.62	2.01	1.45	2.43	1.22	3.54	.11	4.01	1.27	1.61		22.27
September	.54	1.63	2.07	2.97	2.30	2.97	2.06	1.34	.85	3.33		20.06
October	1.46	4.48	1.82	3.56	3.98	1.60	.18	2.75	4.82	.38		25.03
November	2.40	1.97	1.41	3.08	.33	3.53	1.14	1.88	2.44	4.56		22.74
December	1.63	2.82	1.50	1.36	3.07	1.94	2.99	2.21	1.66	1.77		20.95
TOTALS	25.27	24.07	20.30	22.92	23.19	28.57	24.08	26.86	19.58	26.44		241.28

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. 1239 M 1501

## RAINFALL at Hatfield Broad Oak (Barrington)

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County of Essex

Observer C. J. &amp; Gosting Esq.

River Basin Thames-Loa-1

Type of Gauge

Annual Average 24.3 in. based on 27 years obs. w/-weighted. Period of average 1881-1915 Ref. A.W.S.

25.19 " " 35 " " 1916-1950

File No. 839199/38 P

Diameter ...	5"				243	593					
Height ...	0' 10"			1 0							
Altitude ...	300'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January ...	2.38	1.96	.94	1.09	2.26	3.22	1.12	2.08	2.11	2.06	19.22
February ...	5.11	.73	1.75	2.16	1.71	.51	2.47	2.72	.07	1.75	19.04
March ...	2.97	3.27	.45	2.29	1.55	.78	1.48	1.12	1.85	1.03	16.79
April ...	2.57	1.33	2.47	.30	.30	1.11	.25	1.21	2.40	0.52	12.46
May ...	2.69	.90	1.70	1.85	4.95	.54	.83	2.67	.78	1.73	18.64
June ...	1.20	2.69	2.04	1.92	2.67	1.66	1.97	5.62	.82	1.50	22.09
July ...	.84	.70	3.30	2.79	1.32	3.21	2.99	2.64	1.52	2.78	22.01
August ...	4.13	3.17	1.95	2.90	1.34	6.13	1.90	3.17	.70	3.35	26.74
September ...	3.03	2.60	1.75	1.35	1.91	1.85	2.96	3.76	.06	5.72	24.99
October ...	.79	2.34	3.70	2.36	3.91	2.15	2.12	2.60	1.62	5.60	27.19
November ...	4.29	4.33	1.19	3.61	.77	.76	2.07	1.86	2.53	3.16	24.51
December ...	2.07	2.64	.79	1.88	1.79	2.60	2.10	2.85	3.89	2.90	23.51
TOTALS ...	32.07	26.66	22.03	24.50	24.48	24.58	22.26	32.30	18.35	32.10	259.33
	D	D	D	D	D	D	D	D	D	D	

Inspected 15.12.52 by P.H.G. Deeks. Gauge sound. M/O revised. Site of hy fence and insulating may have changed from box erected beside gauge. Recommended moving gauge. 6 better part of gavelen carried out 1/1/55 - monthly card dd 2.2.55.

1960. In C.H. Gosting Esq., became authority.

Position of Station on Ordnance One-Inch map :

No. of Map 161

National Grid Reference T. 553.172

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 - 11	✓	✓	✓	