

## RAINFALL at Great Bromley Broughton

County of Essex

Observer W. Arnold Robert Esq

River Basin Cobne & C 5

Standard Rain Gauge, by \_\_\_\_\_

Diameter ...	5									
Height .....	1.0		1.3							
Altitude ...	100		115							
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	MEANS.
January .....	.83	1.26	2.68	2.70	1.59	3.08	1.24	1.85	2.91	3.12
February .....	1.56	1.02	1.22	.64	1.79	3.33	3.85	.66	.64	3.54
March .....	1.02	2.22	2.63	1.85	4.55	1.16	4.46	2.40	1.04	2.17
April .....	1.90	.81	.27	2.61	1.14	.73	1.81	2.27	2.36	4.23
May .....	3.57	72	1.14	2.06	1.20	2.72	1.91	1.25	2.05	.29
June .....	1.70	2.01	2.35	.93	2.08	1.29	2.90	1.36	.81	.89
July .....	2.09	.24	2.49	1.57	2.21	3.68	1.60	2.91	4.17	2.17
August .....	2.32	.71	5.34	.62	1.03	1.86	4.02	4.72	1.44	2.88
September .....	.92	1.55	2.85	1.07	1.26	1.58	1.11	1.04	4.20	.74
October .....	1.56	2.74	1.63	3.50	1.52	1.86	2.51	3.74	2.27	1.02
November .....	3.03	3.90	1.91	2.88	2.29	2.29	3.89	1.45	1.93	1.81
December .....	3.88	4.06	2.11	.83	5.93	4.58	2.80	1.87	2.53	3.68
TOTALS ...	24.38	21.24	26.62	21.26	26.59	28.16	32.10	25.24	26.35	26.54
					2			2	2	2

1910 Low Wall	3 ft high	20 yds	SW
1914 Wall	4.6'	-	N
	4.6'	18.0"	N
	4.6'	30.0"	E
Building	7.0'	-	N
		20.4"	
April	range moved	2 ft	

1919. "G. stands in kitchen garden  
and is unsheltered."

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	51° 52' N	1° 2' E	Andley Marlborough	4 miles $\frac{2}{3}$ mile	N SSE	St George	1 mile	N E

## RAINFALL at Great Bromley Broughton

County of ~~base~~.

Observer W.A. Roberts Esq.

River Basin Colne & S.

(1928) Snowden Rain Gauge, by R. S. 1928

{ 1920	Wall 35 ft. L x 6	10 yds w.
1921	" Building 7 " "	18 " N

1923. Sage moved 20<sup>ft</sup>  $\frac{1}{2}$  mile to W. S.W. Hedge 7' high 25 yds to E.  
House 7' " 20 " NW.

1930. Dwelling house 20 yds S.

1930. Dwelling house 20 yds S.  
Poultry Houses 7' x 8' tall 20 yds + 10 yds N + E.

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	Parish Church.	Distance from gauge	Direction
1920.	51° 2' S	102' E	Thongton	3 $\frac{3}{4}$ mi	SSW	Stanley	1 mi	ENE

## RAINFALL at Great Bromley (Broughton)

County of Essex

Observer W. A. Roberts Esq.

River Basin Colne &amp;c. -5

Type of Gauge Standard

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

" 23.1 in. computed by Mr. Cornish (1938) Ref. 561245/36

Ref.

816748/28

Diameter	5"											
Height	1.0											
Altitude	115'											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.83	2.59	1.15	1.23	3.18	4.17	3.77	2.88	5.47	1.16	254.3	
February	2.30	2.44	1.95	2.25	2.81	2.32	3.36	2.59	1.77	1.81	156.0	
March	1.39	1.99	1.46	1.85	1.61	1.63	2.79	1.41	1.88	2.63	136.4	
April	2.62	2.08	1.60	2.00	2.68	1.18	2.58	1.33	2.36	1.61	180.4	
May	2.23	3.75	1.22	1.14	1.40	1.39	2.12	1.51	1.53	1.74	160.3	
June	1.69	1.49	2.44	1.58	3.12	3.64	1.86	1.53	1.63	1.18	161.6	
July	3.25	3.37	1.90	1.77	1.32	2.48	2.08	1.89	1.92	2.80	187.8	
August	3.04	1.86	1.65	1.31	1.54	1.57	1.21	1.87	3.07	1.06	131.8	
September	1.43	1.52	2.58	1.64	3.32	2.59	2.03	2.29	1.37	1.46	192.3	
October	1.52	5.18	1.38	1.50	2.56	1.67	1.72	2.85	1.98	2.39	277.8	
November	1.45	1.28	1.49	1.71	4.31	3.32	1.54	2.32	4.13	5.65	272.0	
December	1.59	2.29	1.43	4.13	2.55	1.46	4.03	3.06	1.20	1.88	196.2	
TOTALS	21.34	20.84	15.25	18.14	28.40	24.42	27.09	18.53	32.31	22.37	23069 KM	

1931. House 2 storey high 40' S  
Building 7' " 15' E

" 7' " 30' N

1935 Building 9' high 15' E.

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			Thorngton	3 $\frac{3}{4}$ 22 m	S SSE.	Gt. Bromley	1 m $\frac{9}{10}$ m	NE NNE.

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

Station No. 1321

## RAINFALL at Great Bradley (Broughton)

41

County of Essex Observer W.A. Roberts, Esq.

River Basin Colne &amp;c. - 5

Type of Gauge Standard.

Annual Average ... in. based on ... years obs. un-weighted. Period of average Ref. 561245/36

" 23.1 computed by Mr Cowis (1938) File No. 216748/28

Diameter	5"										
Height	1' 0"										
Altitude	115'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.34	2.39	4.18	1.47	1.57	1.11			937		
February	1.83	.88	.73	1.45	1.62	1.81			853		
March	2.59	2.52	.39	.32	1.14	1.40			766		
April	1.19	.53	.75	1.63	.71	1.21			667		
May	1.43	2.23	1.07	.64	2.30	1.81			709		
June	.61	1.45	1.71	1.75	1.34	"	*		910		
July	2.29	2.06	1.19	2.80	1.07				1006		
August	4.01	1.06	.93	2.34	2.29				983		
September	.24	1.52	2.72	3.21	.94				812		
October	1.84	3.65	1.48	4.40	1.93				807		
November	2.45	2.49	1.64	3.79	.86				1178		
December	1.31	2.65	1.43	1.23	2.52				985		
TOTALS	22.13 d	23.43 D	18.22 D	25.02 d	18.29 D	imp.			10613		

1941. House. 2 storey 45' S. Bldgs. Thigh 15' E. Bldgs. Thigh 30' N.

1942. gauge moved 15<sup>th</sup> June to Bridport (Shore) Stn No. 1590/8 + obs. being continued

10611

TM

Position of Station on reduced Ordnance Survey Map, No. of Map 25 6702 Reference No. ....  
1 mile to 1 inch Series

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Direction	Parish Church.	Distance from gauge	Direction
1941			Shottington	3 1/4 m.	S.	Gt. Bradley	1 3/4 m.	N.E.

## BRITISH RAINFALL ORGANIZATION

(4486-90) WL 47525-4771 12,000 s/40 T.S. 700

Record ✓ ✓ ✓ 1941-50  
D or d. - last D 142717 ✓ last - 2/1-23 ✓ last - 31 ✓ last d 411111