

RAINFALL at Great Bromley BroughtonCounty of EssexObserver W. Arnold Roberts EsqRiver Basin Colne & C 5Standard Rain Gauge, by

Diameter ...	5										
Height	1.0		1.3								
Altitude ...	100		115								
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	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	.98	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	

1910 Low wall 3 ft high 20 yds S.W.
 1910 Wall 4.6' - 18.6" W
 8' 0" - 20' 0" E
 Building 7' 0" - 26' 6"
 April fence moved 2 ft N

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	Gravelly Broughton	4 miles 3 3/4 "	N SSE	St George	1 mile	NE

RAINFALL at Great Bromley BroughtonCounty of EssexObserver W.A. RobertsRiver Basin Cole & C.S.(1928) Enslin Rain Gauge, by 22/3 1921

Diameter ...	5										
Height	1	0									
Altitude ...	115										
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	Mean 1930
January ...	2.01	1.80	4.45	1.47	2.73	1.12	2.56	1.23	3.39	1.53	1.71
February ...	.52	.27	1.94	3.20	.73	2.11	2.09	2.82	1.15	.38	.63
March .....	.99	.93	1.48	1.41	.84	1.00	.09	2.22	2.20	.02	1.48
April	4.32	1.35	2.68	1.18	3.17	1.90	3.76	1.89	1.01	1.84	1.82
May .....	.98	1.13	1.22	1.18	3.67	2.12	1.06	.99	1.55	1.79	2.24
June .....	.94	.23	1.32	.99	2.42	.38	2.45	3.73	2.54	.95	.71
July	4.24	.36	2.44	1.27	4.47	1.93	2.28	3.71	1.67	2.44	3.29
August	1.76	.72	1.11	1.60	2.45	2.00	1.01	3.03	2.30	1.24	2.49
September...	2.65	2.72	3.60	1.36	2.32	2.28	.93	3.57	.78	.36	4.07
October	1.02	.73	1.41	4.83	4.33	2.86	2.72	2.24	2.24	2.63	1.19
November...	.89	1.65	1.39	3.36	2.55	2.11	4.48	2.29	1.97	4.59	3.26
December...	3.84	1.32	1.82	2.97	2.80	2.21	.58	2.44	3.63	4.01	1.95
TOTALS...	26.78	13.21	24.86	(24.82)	32.48	21.72	24.01	30.22	24.40	21.78	24.84
	D		D		D	D	D	D	D	D	D

1920 All 35 ft. L.J.L. 10 yds W.
 1921 Building 10 " " 18 " N
 Shrubs & Trees 30 " S

1923. Gauge moved 25/23 1/2 mile E. W. S.W. Hedge 7' high 25/20 to E.
 House 7' " 20 " " N.W.

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 from gauge	Parish Church.	Distance from gauge	Direction from gauge
1920.	51° 52'	1° 2' E	Thongton	3 1/4 mi	E. S. E.	Bromley	1 mi	NNE

RAINFALL at Great Bromley (Broughton)County of EssexObserver W. A. Roberts Esq.River Basin Caine & C. - S.Type of Gauge SnowdonAnnual Average in. based on years obs. un-weighted. Period of average Ref." 23.1 in. computed by Mr. Cornish (1938) Ref. 561245/36 816748/28

Diameter	5.											
Height	1.0.											
Altitude	115.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	1.83	.59	1.15	1.23	3.18	4.17	3.77	2.88	5.47	1.16	2543	
February	2.30	.44	.95	.25	2.81	2.32	3.36	.59	.77	1.81	1560	
March	.39	.99	1.46	1.86	.61	.63	2.79	.41	1.88	2.63	1364	
April	2.62	2.08	.60	2.00	2.68	1.18	2.58	.33	2.36	1.61	1804	
May	2.23	3.75	1.22	1.14	1.40	.39	2.12	1.51	1.53	.74	1603	
June	1.69	.49	2.44	.58	3.12	3.64	1.86	.53	1.63	.18	1616	
July	3.25	3.37	.90	.77	.32	2.48	2.08	.89	1.92	2.80	1878	
August	3.04	.86	.65	1.31	1.54	.87	1.21	.87	3.07	.06	1318	
September	1.43	1.52	2.58	1.64	3.32	2.59	2.03	2.29	.37	1.46	1923	
October	.52	5.18	1.38	1.58	2.56	1.67	1.72	2.85	7.98	2.39	2778	
November	1.45	1.28	1.49	1.71	4.31	3.32	1.54	2.32	4.13	5.65	2720	
December	.59	.29	.43	4.13	2.55	1.46	4.03	3.06	1.20	1.88	1962	
TOTALS	21.34	20.84	15.25	18.14	28.40	24.42	29.09	18.53	32.31	22.37	23069	mm

1931. House 2 storey high 40' S

Building 7' " 15' E

" 7' " 30' N

1935 Building 9½' 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			Thorington	3¾	S	Gt. Bromley	1 m	NE
			"	2½ m	SSE.	"	5/10 m	NNE.

Station No. 1371RAINFALL at Great Bromby (Broughston) 41County of SurreyObserver W.A. Roberts, Esq.River Basin Colne ec. - 5.Type of Gauge Standard.Annual Average 1 in. based on 1 years obs. un-weighted. Period of average Ref 561245/36" " 23.1 computed by Mr Cornish (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		1.81	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	3.78	.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. 7' high 15' E. Bldgs. 7' high 30' N
 1946. gauge moved 15th June to Bridport (Shere) Sta No. 1592/8 & obs. being continued

10611

TM

 Position of Station on reduced Ordnance Survey Map, 1 mile to 1 inch Series, No. of Map 22 6/02 Reference No.

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

BRITISH RAINFALL ORGANIZATION

(4196-90) Wt. 47525-4471 12,000 2/40 T.S. 700

Record

1910-19	1920-30	1931-40	1941-50
✓	✓	✓	✓
Lat D 143/17	Lat -21-23	Lat -0631	Lat T 146 446
			Lat d 441 446