

RAINFALL AT

Balmer Lodge

Lat.

Long.

County of

Essex

Rain Gauge, by

Observer

The Misses Burke

Stone - 6.

Diameter	5									
Height	1.3									
Altitude	200									
Year	1890	1891	1892	1893	1894	1895	1896	1897	1898	1899
	MEANS.									
January	2.04	1.63	.92	1.68	1.96	2.10	1.20	1.85	.90	2.45
February	1.11	.00	2.13	3.00	1.24	.22	.87	2.42	.76	1.52
March	2.07	1.35	1.38	.39	.92	1.77	3.41	2.80	1.54	1.15
April	1.97	.52	1.67	.18	1.33	1.13	.94	1.72	1.28	2.22
May	4.04	1.96	1.47	.78	1.93	.62	.44	1.93	3.32	2.44
June	2.63	.52	3.29	.77	2.21	1.44	3.96	3.06	3.17	1.30
July	3.51	3.53	1.93	3.88	4.46	4.04	.94	1.35	1.53	3.20
August	4.64	3.04	2.97	2.37	2.09	3.27	3.43	2.08	1.37	.97
September82	1.01	3.13	1.27	1.29	.72	4.32	2.82	.35	2.56
October	1.37	4.33	5.45	2.53	2.19	1.75	3.62	.69	1.97	1.66
November	2.94	1.64	1.88	3.00	2.63	2.24	1.01	1.12	2.15	3.34
December52	2.93	1.17	1.69	1.97	2.29	3.31	1.92	2.56	1.85
TOTALS	26.96	22.46	27.70	21.64	24.13	20.59	27.45	23.17	20.90	24.66
										.956

St Andrews Church, Balmer. 373.925 5.

View over errors are (1890 - February) Barometer imperfect but compared well with neighbouring stations
 in the winter months (1894 - January) Gauge frozen 3rd to 7th slight snow between these dates
 not measured.

RAINFALL AT

Palmer Lodge [Sudbury]

Lat. Lon. County of Essex

Norcom's Gated Rain Gauge, by Observer Mrs. Misses Burke
Stour - 6.

Diameter ..	5										
Height	1 3										
Altitude ..	200										
Year	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	M. B. A. S.
January ..	2.92	.68	.72	1.94	2.23	1.09	3.85	1.25	.93	.85	1.646
February ..	3.30	.66	1.01	.45	3.13	1.21	2.29	1.11	1.57	.95	1.568
March ..	1.21	2.55	1.23	2.20	1.75	2.13	1.78	1.29	2.29	2.78	1.921
April ..	1.49	2.05	1.00	2.40	.93	2.08	1.44	3.80	2.95	2.04	2.018
May ..	.93	.86	2.56	3.47	1.74	1.25	1.70	3.04	1.25	1.07	1.787
June ..	2.68	2.66	3.05	4.93	1.44	2.83	2.46	1.99	.98	3.99	2.701
July ..	1.12	1.36	1.74	4.21	1.87	.88	.89	2.20	0.42	4.35	2.204
August ..	3.32	1.31	3.88	3.77	1.57	1.83	1.00	2.78	2.37	2.27	2.410
September ..	.53	.95	1.12	2.90	1.21	1.76	1.32	.65	1.22	2.46	1.412
October ..	2.06	2.32	1.85	4.99	.98	1.17	4.62	3.19	1.72	3.89	2.679
November ..	2.08	.82	1.65	2.22	1.41	2.33	4.29	2.58	1.34	1.07	1.979
December ..	2.76	3.37	1.26	1.42	1.62	.89	1.68	3.21	1.94	4.53	2.568
TOTALS ..	24.40	19.59	21.07	34.90	19.88	19.45	27.32	27.09	21.98	30.25	24503

D D D D D D ✓

1902 St Andrews Church Palmer 373 yards S

Building 20 ft high 57 ft W

Trees 35 ft high 65 ft E

1903 Sudbury station 2 miles NW

Granary 20 ft high 65 ft E

Trees 45 ft high 57 ft N

Hawke

1329 10

RAINFALL at Bulwer Lodge [Sudbury]County of SuffolkObserver The Major BanksRiver Basin Stour 6Howard's Ridge Rain Gauge, by _____

Av 1916-1950 24.06 1 in high p.B 778

Diameter ...	5											
Height	1.3											
Altitude ...	200 ft											
Year ...	1910	1911	1912	1913	1914	1915	1916	1917	1918	1919	MEANS.	
January ...	2.19	1.69	2.95	3.17	2.01	2.48	1.34	1.85	2.89	2.31		
February ...	2.21	1.25	1.42	.68	2.20	3.00	4.35	.83	.62	2.20		
March	1.18	2.94	3.38	1.93	4.27	1.28	3.82	1.72	.95	2.47		
April	2.36	.94	.31	2.23	.85	1.00	1.66	1.80	2.28	3.89		
May	3.23	1.72	1.24	2.55	1.23	2.61	1.96	.88	1.71	.26		
June	1.57	2.77	1.95	1.57	2.18	.89	2.59	1.47	.74	1.14		
July	2.51	.22	2.79	1.37	1.23	4.09	1.27	2.63	6.16	2.83		
August	2.16	1.92	6.31	1.43	.93	4.01	3.88	5.69	1.06	2.26		
September ..	1.10	1.61	2.71	1.68	1.36	1.29	2.05	1.39	4.13	1.08		
October ...	1.52	3.25	2.05	3.10	1.77	1.39	3.83	4.03	2.68	.83		
November ..	2.78	3.36	2.29	2.25	2.44	2.12	3.15	1.60	2.20	2.28		
December ...	4.32	4.42	2.21	.81	6.36	4.89	3.30	1.27	2.20	3.03		
TOTALS ...	28.13	26.09	29.61	22.72	26.83	29.05	33.20	25.16	27.72	24.58		

1910 January 20.91 high 65 ft W
Trees 45. 57 ft N

Date.	Lat. N.	Long.	Railway Station.	Distance.	Direction.	Church.	Distance.	Direction.
1910	52° 3'	0° 29'	Sudbury [Suffolk]	2 miles	E	St Andrews	1/8 mile	S

RAINFALL at Bulmer Lodge (Ludbury)

County of Essex

Observation by Miss Burke

River Basin River Le

per P. Blinney

Boule Rain Gauge, by Howard.

AN 1916-1950 1 in high PB 7789

Diameter ...	5										MILES. 1930
Height	1	3									
Altitude ...	200		202								
Year	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	
January ...	2.17	2.06	3.67	1.46	2.76	1.20	2.39	1.21	3.40	1.83	1.84
February ...	4.40	1.17	1.89	3.14	.81	2.44	2.28	2.90	1.26	.35	.34
March 1.03	.84	1.71	1.65	.87	.94	.19	1.81	2.42	.07	1.03	
April.....	4.22	1.54	2.79	1.20	2.67	2.59	3.67	1.87	1.06	1.34	1.99
May83	.91	1.71	1.29	4.10	2.71	1.27	0.63	1.92	1.03	2.33
June	1.28	.20	1.27	.59	2.09	.43	3.13	3.14	2.17	1.03	.72
July	4.61	.42	3.21	1.38	3.21	2.47	2.76	3.66	2.43	2.40	3.90
August	1.37	2.23	1.65	1.94	1.95	3.85	1.40	2.61	2.37	1.10	3.26
September...	3.06	1.81	3.09	2.05	2.96	2.81	1.28	2.81	.85	.95	4.44
October.....	.70	1.34	.76	4.24	4.09	2.57	2.95	2.17	3.04	2.91	1.13
November...	.69	1.52	1.30	2.32	2.89	1.99	3.70	2.36	1.86	5.16	3.28
December...	2.40	1.51	2.21	2.61	2.06	1.73	.66	2.49	2.92	4.70	2.02
TOTALS...	25.76	14.55	25.26	23.87	30.46	25.73	25.68	27.66	25.70	22.87	26.28

1920. January 20ft. high 65ft. W.
2nd. 45ft. S. 57ft. 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
1940.	52° 3' 0" 39'	Sudbury		2 mi	E	St Andrews Bulmer, Suffolk	6 mi	S.

RAINFALL at Sudbury (Bulmer Lodge) Bulver (Sandys Lane)

County of Essex

Observer Miss M. A. Burke via Oct. 1931

River Basin Stour - 6

R. St. G. Burke Esq.

Type of Gauge

P. Clinchy.

18.379

Annual Average 24.7 in. based on 43 years obs. unweighted. Period of average 1881-1915
 24.4 14 1 in high. 1916-1950 Ref. J74320/27

Diameter	5.										Means
Height	1.3.										
Altitude	202										
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	
January	2.00	'91									
February	2.39	'60									
March	.13	1.13									
April	3.62	2.33									
May	2.84	2.73									
June	1.24	'48									
July	2.29	2.39									
August	3.80	1.66									
September	1.58	1.62									
October	.36	5.13									
November	1.93	1.68									
December	1.93	'46	#								
TOTALS	24.11										
	Th.	21/12	N.O.								
	D	D									

The Mr. Burke of Bulmer, Sudbury was unable to continue & suggested that record must cease.

R. St. G. Burke says (12/4/39 Bulmer Lodge to be let but see garden continuing observations in the meantime).

Gauge moved to Bulver (Sandys Lane) 1932. continuation record. (No. 1 removed - Card in Pileions under R. St. G. Burke. Esq.)

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