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## RAINFALL at Birstley, The Maltings

County of Essex

Observer W. Brookes &amp; Sons.

River Basin Stour 6

Mers. Brooks (Mallory) Ltd. (21)

(1925) M.O. Rain Gauge, by 19250 mm.

Diameter ...											
Height .....											
Altitude ...	Pole Hall		1920								
Year .....	1920	1921	1922	1923	1924	1925	1926	1927	1928	1929	1920
January .....	913	2.43	1.36	2.31	1.41	3.30	1.45	1.58			2297
February .....	538	.99	2.16	1.96	2.88	1.12	.99	.54			1602
March .....	451	.82	1.16	.09	2.29	2.07	.00	1.43			1237
April .....	858	2.87	1.76	3.33	1.83	1.03	1.82	1.72			2294
May .....	407	3.44	2.29	.82	.85	1.26	1.36	2.01			1610
June .....	296	1.79	.33	2.41	3.96	2.21	.79	.42			1486
July .....	691	3.15	2.03	2.08	3.55	1.49	2.08	2.97			2426
August .....	590	2.72	2.24	1.37	3.50	2.14	1.30	2.39			2151
September...	1091	2.74	2.48	.64	3.34	.57	.37	3.79			2484
October....	655	4.42	2.62	2.66	1.89	1.65	2.63	1.40			2382
November...	641	2.50	2.24	4.44	2.38	1.90	4.16	4.53			2856
December...	768	3.01	2.08	.54	2.20	3.38	3.93	2.63			2545
TOTALS...		7899	30.88	22.75	22.65	30.08	22.12	20.87	25.41		25375

1925. Small Brick Building 12 ft. high. 20 ft. S.  
 Apple Trees & Maltings 20 - " 35 ft. N.E.  
 Wall 8 - " 35 ft. N.  
 House 25 ft. 30 ft. 40 - W.

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
1925.			Birstley	3/4 mi	E.
					Manningtree
					1/8 mi W.

## RAINFALL at Mistley (The Maltings).

County of Essex.

Observer Messrs. Brooks (Mistley) Ltd.

River Basin Stour - 6.

Type of Gauge Glaisher.

Annual Average 22.2 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. PB 379

829375/28

Diameter	8											
Height	1. 0.											
Altitude	25.											
Year	1931	1932	1933	1934	1935	1936	1937	1938	1939	1940	Means	
January	2.06	.73	1.00	1.15	2.37	3.06	3.60	2.07	5.24	1.70	2300	
February	2.51	.40	.98	.22	2.50	2.45	3.08	4.3	.75	1.61	1493	
March	.39	.93	1.52	1.69	.63	.48	2.27	.39	1.49	2.31	1210	
April	3.25	1.67	.67	2.00	2.29	.96	2.52	.20	1.71	1.15	1642	
May	2.60	3.00	1.66	1.19	1.30	.44	2.07	1.44	1.18	.54	1542	
June	1.10	.38	2.09	.76	3.26	2.81	2.06	.62	1.61	.26	1495	
July	3.07	1.99	1.26	1.32	.82	2.69	1.02	1.36	.75	2.38	1736	
August	4.06	.67	.63	1.40	1.22	.77	1.26	1.10	2.46	.19	1378	
September	1.26	1.44	2.55	1.70	2.98	1.98	1.41	1.77	.23	.66	1598	
October	.58	4.53	1.61	1.65	2.56	1.24	1.71	2.66	7.59	2.25	2638	
November	1.54	1.02	1.50	1.33	3.95	2.91	1.17	2.27	3.87	5.46	2502	
December	.56	.23	.40	4.06	2.51	1.35	3.21	2.99	1.13	1.65	1809	
TOTALS	22.98	16.99	15.87	18.47	26.09	21.14	25.38	17.30	29.05	20.16	21342	KM.
D	3	99	2	7	2	2	2	2	2	2	2	

1931. Small brick building 12' high 20' S  
 Apple tree 30' " 35/40 yds E  
 Wall 8' " 35 yds N  
 House 25/30' " 40 yds W

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
1931			Mistley	1/4 mile	E	Manningtree	1/8 mile W

Station No. 1328

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## RAINFALL at Mistley (The Maltings)

County of Essex

Observer Messrs. Banks (Mistley) Ltd.

River Basin Stour - 6

Type of Gauge Col/ther. R.A.

Annual Average 22.2 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. PB 379

File No. 829375/28.

Diameter	8"		226	918							
Height	1' 0"										
Altitude	25'										
Year	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	Means
January	2.08	2.33	3.47	1.47	1.58	1.09	1.93	3.84	1.03	.83	1965
February	1.90	.74	.60	1.40	1.48	1.41	1.45	1.07	1.08	2.57	1370
March	2.41	2.36	.39	.18	.97	1.59	3.70	.73	.67	.41	1341
April	.91	.50	.68	1.46	.72	1.30	1.27	1.25	.79	1.02	990
May	1.22	2.85	1.23	.93	2.26	1.38	.62	.98	1.79	1.29	1455
June	.53	.88	1.43	1.82	1.42	2.74	1.78	2.19	.67	1.21	1467
July	1.75	1.77	.96	2.46	1.26	2.61	1.66	.96	.33	2.48	1624
August	3.62	1.06	.86	2.44	3.21	3.80	.10	2.77	1.20	1.85	2091
September	.27	1.67	2.26	3.12	1.22	1.48	1.05	1.38	.77	3.40	1662
October	1.71	3.32	1.31	4.74	1.40	1.11	.22	1.58	4.60	.60	2059
November	2.24	2.32	1.47	3.52	.91	2.79	.99	1.82	2.07	3.45	2108
December	1.18	2.60	1.40	1.26	2.27	2.67	3.32	1.44	1.51	1.56	1921
TOTALS	19.82	22.40	16.06	24.80	18.70	23.97	18.09	19.51	16.51	20.67	2005'3

1941. Small brick bldg. 12' high 20' S. Apple tree 30' high 35-40yds E. Wall. 8' " 35yds N. House 25-30' " 40 " W.

Jan 1944 apple tree cut down to 4 ft. stump

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	Parish Church.	Distance from gauge	Direction
1941			Mistley	1/4 m.	E.	Maningtree	1/4 m.	W.

BRITISH RAINFALL ORGANIZATION

Station No. 1328

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## RAINFALL at Mistley (The Maltings)

County of Essex

Observer <sup>(1950)</sup> Miles Brooks (Mistley) Ltd.

River Basin Stour - 6

Type of Gauge B.A.

Annual Average 22.2 in. based on 10 years obs. up-weighted. Period of average 1881-1915  
 22.07 " " 35 " 1916-1950 Ref. P.B. 379  
 1916-1950 File No. 829375/28

Diameter ...	5		226	918							
Height ...	1' 0"										
Altitude ...	30'										
Year ...	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	Means
January	1.48	2.10	.65	1.48	2.64	3.27	1.09	2.89	1.70	2.41	
February	3.80	.62	.90	2.02	2.18	.62	1.67	2.08	.15	1.17	
March	2.72	2.59	.21	2.22	1.31	.75	1.14	.85	1.42	1.72	
April	2.31	.98	1.58	.19	.10	.57	.02	1.05	1.76	.33	
May	1.72	1.04	1.35	.99	2.52	.90	1.11	2.33	.22	.92	
June	.86	1.39	2.86	2.51	2.71	1.64	1.11	4.79	1.35	.78	
July	2.22	.66	3.28	2.63	.18	2.26	3.65	3.42	1.69	3.72	
August	2.83	3.00	1.50	3.43	1.77	4.14	2.96	3.49	.54	3.08	
September	2.37	3.36	1.37	1.20	1.13	2.01	2.62	3.05	.00	2.28	
October	.41	1.51	1.57	1.76	4.10	1.33	1.14	2.48	1.80	5.69	
November	3.35	4.28	1.19	3.36	.58	.60	2.85	1.12	2.15	3.85	
December	1.58	2.20	.63	1.70	1.49	1.94	2.24	3.81	3.74	2.97	
TOTALS ...	25.65	23.73	17.09	23.49	20.71	20.03	21.79	31.06	16.52	28.92	
	d	d	d	d	d	d	d	d	d	d	

1951 Small brick building 12' 20' S; Wall 8' 35" N; House 25' 30' 40" W;

Position of Station on Ordnance One-Inch map :

No. of Map .....

National Grid Reference 621/108318

Date.	Lat. N.	Long.	Railway Station.	Distance from gauge	Parish Church.	Distance from gauge.
1951			Mistley	N & E	Manningtree	S & W

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
		0'24	✓	✓	✓	J Jul d '50