

RAINFALL at Mistley, The MaltingsCounty of EssexObserver W. Brooks & SonsRiver Basin Stour 6

Messrs Brooks (Malting) Ltd. (28)

(1925) M.O. Rain Gauge, by

1929 G. 1000000

| Diameter ... | | | | | | | | | | | | |
|---------------|------------------|------|------|-------------|-------|-------|-------|-------|-------|-------|-------------------------|-------|
| Height | | | | | | | | | | | | |
| Altitude ... | <u>Pale Hall</u> | | | <u>1920</u> | | | | | | | | |
| Year | 1920 | 1921 | 1922 | 1923 | 1924 | 1925 | 1926 | 1927 | 1928 | 1929 | 1930 1930 | |
| 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 | .69 | 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 | .78 | .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 | 2156 |
| September... | | | | 1691 | 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 | 30.38 | 22.75 | 22.65 | 30.08 | 22.12 | 20.87 | 25.41 | 25375 |

1925. Small Brick Building 12 ft. high. 20 ft. S.
 upper trees & Maltings
 Wall
 House
 20 G 30 ft. 40 - W.

7

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 | Parish Church. | Distance from gauge | Direction |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1925. | | | Mistley | 3/4 mi | E. | Manningtree | 1/8 mi | W. |

RAINFALL at Mistley (The Mallings)County of EssexObserver Messrs. Brooks (Mistley) Ltd.River Basin Stour - 6Type of Gauge GlaisherAnnual Average 22.2 in. based on 10 years obs. un-weighted. Period of average 1881 - 1915 Ref. P.B. 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 | 5.26 | 1.70 | 2300 |
| February | 2.51 | .40 | .98 | .22 | 2.50 | 2.45 | 3.08 | .43 | .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 | 1.20 | .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 | .32 | 2.69 | 1.02 | 1.36 | 1.75 | 2.38 | 1736 |
| August | 4.06 | .67 | .63 | 1.40 | 1.22 | .77 | 1.26 | 1.10 | 2.48 | .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 | 2134.3 |

K.M.

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, }
 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 |
|-------|---------|-------|------------------|---------------------|-----------|----------------|---------------------|-----------|
| 1931 | | | Mistley | 1/4 mile | E | Hanningtree | 1/2 mile | W |

Station No. 1328

RAINFALL at Mistley (The Maltings)

41

County of Essex

Observer Messrs. Brooks (Mistley) Ltd.

River Basin Stour - 6.

Type of Gauge Rotherham B.A.

Annual Average 22.2 in. based on 10 years obs. un-weighted. Period of average 1881-1915 Ref. P.B. 37.9

File No. 829375/28

| Diameter | 8" | | | 22.6 | 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 | 1.32 | 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 bk. hdg. 12' high 20'S. Apple tree 30' high 35-40 yds E.
Wall. 8' " 35 yds 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. | Manningtree | 1/8 m. | W. |

BRITISH RAINFALL ORGANIZATION

Station No. 1328

RAINFALL at Mistley (The Maltings)

51

County of Essex

Observer ⁽¹⁹⁵⁰⁾ Messrs Brooks (Mistley) Ltd.

River Basin Stour - 6

Type of Gauge B.A

Annual Average 22.2 in. based on 10 years obs. un-weighted.

Period of average 1881-1915 Ref PB 379

22.07 " " 35 " " 1916-1950

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 | 3.55 | 3.42 | 1.69 | 3.72 | |
| August ... | 2.83 | 3.00 | 1.50 | 3.43 | 1.77 | 4.14 | 2.96 | 3.19 | .54 | 3.08 | |
| September ... | 2.37 | 3.36 | 1.37 | 1.20 | 1.13 | 2.01 | 2.62 | 3.05 | .20 | 2.28 | |
| October ... | .41 | 1.51 | 1.57 | 1.76 | 4.10 | 1.33 | 1.44 | 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; Walls 8' 35" d N; House 25' 30", 40" d S.

Position of Station on Ordnance One-Inch map :

No. of Map

National Grid Reference 62/108 318

| Date. | Lat. N. | Long. | Railway Station. | Distance Direction from gauge | Parish Church. | Distance Direction from gauge. |
|-------|---------|-------|------------------|-------------------------------|----------------|--------------------------------|
| 1951 | | | Mistley | 1/4 ml E | Manningtree | 1/4 ml 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 ✓ | ✓ | ✓ | |
| | | ✓ | ✓ | ✓ | ✓ |