

Live Oak Age Calculation

For purposes of Majestic Tree Registration

Live Oak trees in Biloxi may be registered as “Majestic Trees” if they estimated to be 100 years old or greater. They must also be in good health and present a healthy, well-developed canopy.

Trees may be registered by the property owner, or by the City of Biloxi Arborist if they are located on public parcels of land.

Identify the live oak you wish to register. Begin by determining the diameter of the trunk at four and a half feet above the ground.

- Using a string or rope, measure the circumference of the tree trunk. Capture the value in inches.
- Now, using the formula for determining the diameter of the of the tree, divide the circumference by 3.1416. Capture that value in inches.
- A live oak on the Mississippi gulf coast has a specific growth factor. Now divide the diameter in inches by the growth factor, .36 to determine the approximate age of the tree. A tree with a circumference of 114 inches is estimated to be 100 years of age.

-

If the tree in question meets the age test, continue the process by identifying the specific geo location of the tree.

- Do that by using the mapping application on your smartphone. Using the application drop a pin at the location of the tree. Scroll down and you will see those coordinates.
- For instance, the geo coordinates of the majestic live oak located at the “Old Brick House” are 30.41208 degrees north, and 88.88291 degrees west.
- Now, include the street address of the property where the tree is located.

Document the canopy, visual appearance, and health of the tree with several photographs taken from multiple angles. (This is needed for the City designation.)

Add a rough drawing of the property, associated structures and tree location.

Register with the Mississippi “Societe Des Arbres” gardenclubsofmississippi.com
Register with the City of Biloxi web site (Tree Committee.) [HTTPS://Biloxi.ms.us](https://biloxi.ms.us)