

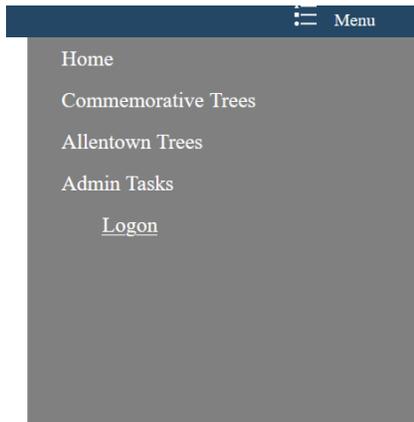
Tree Inventory Management System

The system is accessed from the web site at <https://allentownboronj.net/> The system is based on a database containing information about each individual tree. This includes location, tree characteristics and possible conflicts with infrastructure.

The system runs on both PC type devices and Smartphone type devices. With the following exceptions both display the same information with the formatting optimized for the device type. For lists, the Smartphone formatting doesn't display all the information and you cannot add images to link to a tree. While maps display the same information, the smaller format of the Smartphone display makes it cumbersome to navigate on the map.

Just about every page has a bar in blue which contains information about the page and a Menu icon on the right hand side. Clicking on the menu opens up a menu listing the functions you can navigate to. Clicking the icon a second time hides the menu. Clicking or mouse over a menu item will display the sub-menu items, if any, or open the appropriate page.

To use the Inventory System you must first logon. Click on the Menu icon, then Admin Tasks, then Logon.



The logon page displays. Enter your Id and Password and click the Logon button. If you don't remember your Id or Password, or have any other problems please send an email to ShadeTree@AllentownBoroNJ.com



Admin Logon

Logon Id

Password

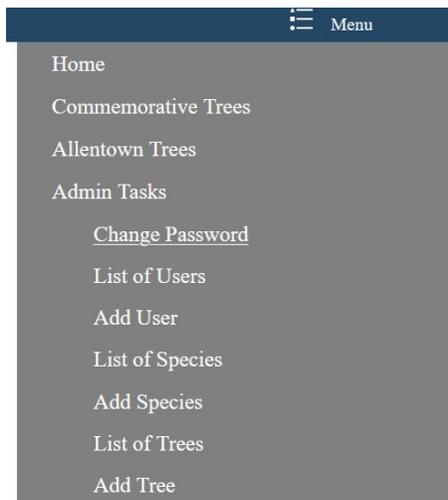
Logon

Forgot your Password or Logon Id?

Please send an email to:

ShadeTree@AllentownBoroNJ.com

Once logged on you will see a number of new options under the Admin Tasks menu item. Below is a screenshot of all the available options. You may not see them all depending upon what authorizations you have.



You can change your password. Note that you have to enter your old password as well as your new one. Also note that passwords must be at least 8 characters long and must contain a mix of upper and lower case letters, numbers and special characters.

Change Password

Old Password

New Password

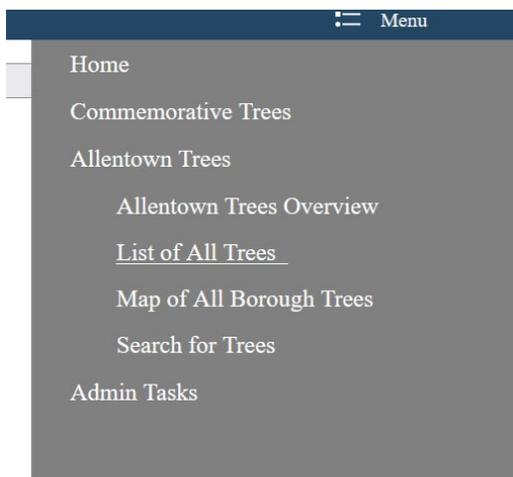
Re-enter New Password

Change Password

Passwords must be at least 8 characters long. They must contain a mix of upper and lower case letters, numbers and special characters.

Once logged on you can work with the Inventory System. To update a tree that is already in the system you'll need to locate its record. There are 3 ways to do this. You can select it from a list of all trees, select its position on a map of all trees or use a query to search for it.

To select a tree from a list, click on the Menu icon, then Allentown Trees, then List of All Trees.



This displays a list of all the trees in the system. Note that on Smartphones it only lists the ID, Species and Address while PC's list more information. You can sort the results by clicking on the Column name on the first line of the results. To work with a particular tree click on that tree's ID.

Total number of trees found for this search: 334								
ID	Species	Address	Land Use	DBH	Height	Crown	Sidewalk	Utilities
309	River birch (Betula nigra)	Heritage Park	Heritage Park	11	Not Assessed	Not Assessed	Not Assessed	None
325	Kousa dogwood (Cornus kousa)	Heritage Park	Heritage Park	2	Not Assessed	Not Assessed	Not Assessed	None
446	Kousa dogwood (Cornus kousa)	Heritage Park	Heritage Park	2	Not Assessed	Not Assessed	Not Assessed	None
280	Honeylocust (Gleditsia triacanthos)	Heritage Park	Heritage Park	13	Not Assessed	Not Assessed	Not Assessed	None
299	White willow (Salix alba)	Heritage Park	Heritage Park	8	Not Assessed	Not Assessed	Not Assessed	None
472	Kwanzan cherry (Prunus serrulata)	Heritage Park	Heritage Park	2	Not Assessed	Not Assessed	Not Assessed	None
538	American beech (Fagus grandifolia)	Heritage Park - mark out	Heritage Park	2	Not Assessed	Not Assessed	Not Assessed	None
269	Red maple (Acer rubrum)	Heritage Park	Heritage Park	11	Not Assessed	Not Assessed	Not Assessed	None
287	Black cherry (Prunus serotina)	Heritage Park	Heritage Park	15	Not Assessed	Not Assessed	Not Assessed	None
462	Ginkgo (Ginkgo biloba)	Heritage Park	Heritage Park	2	Not Assessed	Not Assessed	Not Assessed	None
480	Kwanzan cherry (Prunus serrulata)	Heritage Park	Heritage Park	2	Not Assessed	Not Assessed	Not Assessed	None
513	Red maple (Acer rubrum)	Heritage Park	Heritage Park	10	Not Assessed	Not Assessed	Not Assessed	None

Clicking on the ID displays the following information for that tree.

Species:

Address:

Latitude:

Longitude:

Land Use:

DBH:

Height:

Crown:

Sidewalk:

Utilities:

Comments:

Updated: 2025-07-24 05:28:32

By: Terry Brown

Images: [Image Id: 249](#) [Edit](#) [Delete](#)

[Add New Image](#)

The above screenshot shows all the information in the system for a given tree. The Address, Latitude, Longitude, DBH and Comments are free form entry fields. The rest of the fields have their values selected from dropdowns. The Updated and By fields are automatically valued by the system and indicate who was the last person to work with the tree and when.

Species: Select the species from the dropdown or select “None” if you don’t know or aren’t sure. If the species isn’t listed in the dropdown, select “None” and enter the name in the comments field. We will then have to add the name to the list.

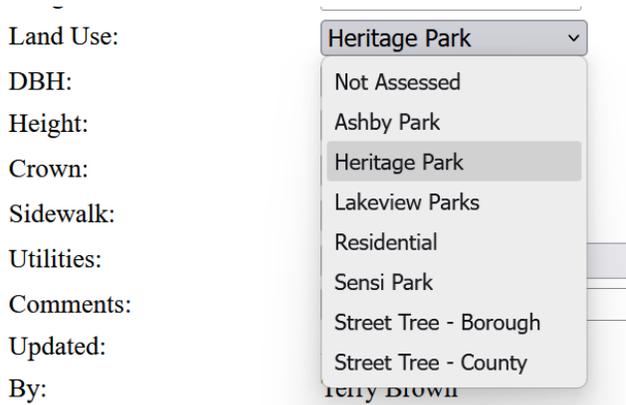
Address: Enter the building number and street name for Street Trees and the name of the park or some other identifying note. This field is primarily used for Street Trees.

Latitude and Longitude: Enter the values. The values are decimal not degrees/minutes/seconds. Do not enter the minus sign (-) for Longitude. Google Maps is free to download on both PC and Smartphones and helps determining these values. If you can't get the values enter 0.

DBH: Enter the value in whole inches. The query tool searches using 5" increments so your measurement doesn't need to be exact.

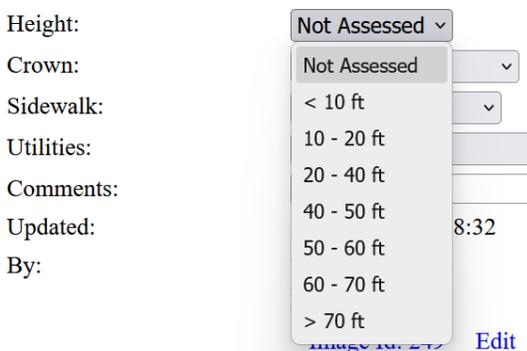
Comments: A 255 character field for notes.

Land Use: Select the appropriate value from the dropdown. Street Tree – County are any trees in the street lawn on Main, Church, High and Waker. Any other trees in the street lawn are the Borough's. Residential is any non-street tree on private property. Lakeview Parks includes any of the Borough's property along Lakeview.



A screenshot of a form with several fields. The 'Land Use' field has a dropdown menu open, showing the following options: Heritage Park (selected), Not Assessed, Ashby Park, Heritage Park, Lakeview Parks, Residential, Sensi Park, Street Tree - Borough, and Street Tree - County. Other fields visible include DBH, Height, Crown, Sidewalk, Utilities, Comments, Updated, and By.

Height: Select the appropriate value. Note that it is in 10' increments so the measurement doesn't have to be exact.



A screenshot of a form with several fields. The 'Height' field has a dropdown menu open, showing the following options: Not Assessed (selected), < 10 ft, 10 - 20 ft, 20 - 40 ft, 40 - 50 ft, 50 - 60 ft, 60 - 70 ft, and > 70 ft. Other fields visible include Crown, Sidewalk, Utilities, Comments, Updated, and By.

Crown: Select the appropriate value. As with Height the increments are large so again the measurement doesn't need to be exact.

Crown:
Sidewalk:
Utilities:
Comments:
Updated:
By:

Not Assessed

- Not Assessed
- 0 - 10% live crown
- 10 - 25% live crown
- 25 - 50% live crown
- 50 - 75% live crown
- 75 - 90% live crown
- > 90% live crown

Sidewalk: Select the appropriate value.

Sidewalk:
Utilities:
Comments:
Updated:
By:

Not Assessed

- Not Assessed
- No conflict
- Raised 0.5 - 1.5 in
- Raised > 1.5 in

Images:

Utilities: Select the appropriate value. This includes overhead wires, water mains, fire hydrants etc. We'll assume overhead wires, anything else should be noted in the comments.

Utilities:
Comments:
Updated:
By:

None

- Not Assessed
- None
- Present and no potential conflict
- Present and conflicting

[Image Id: 249](#) [Edit](#) [Delete](#)

Images can be linked to a tree. You can only add an image with a PC. To view any images linked to the tree, just click on the Image name under the **Images:** label. You can change the name by clicking on the Edit link. To remove the image from the tree click on the Delete link.

Comments:
Updated:
By:

2025-07-24 05:28:32
Don Swayslanda

Images:
[Elm](#) [Edit](#) [Delete](#)

[Add New Image](#)

To add an image to a tree click on the “Add New Image” link. This displays the page to upload the image and give it a name.

OurImage

Select a file:
Browse... No file selected.

Image Title:

Commemorative:
 No Yes

Upload

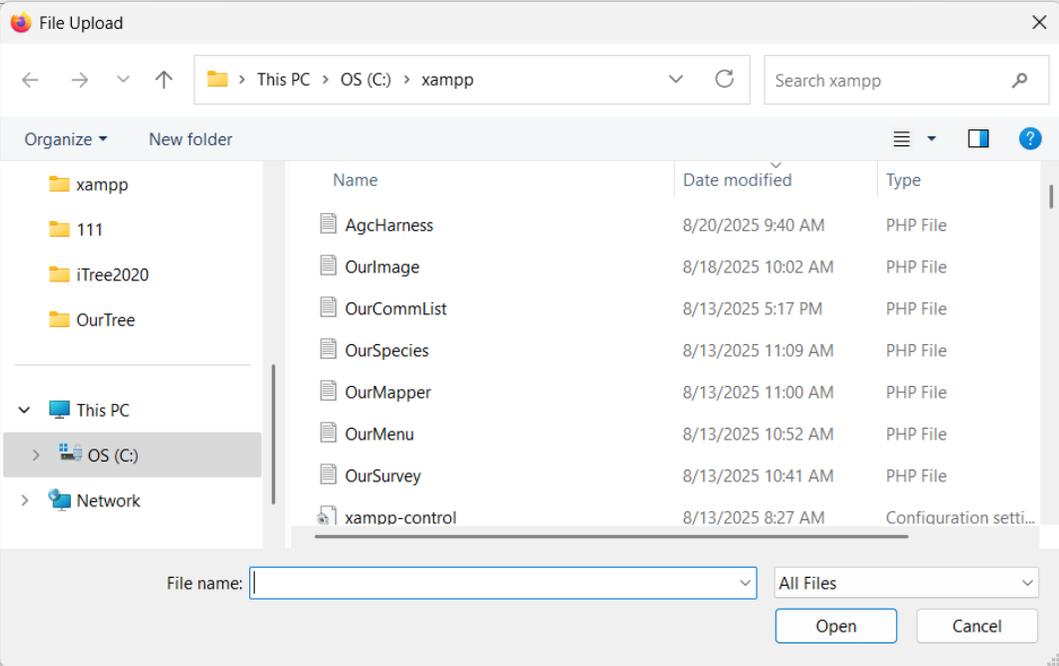
Click on the Browse button under the “Select a file:” tag. Then navigate to the directory where the image file exists and click on the file name and click on the Open button. Once the file has been selected enter a brief description in the “Image Title:” field and click on the Upload button.

Select a file:
Browse... No file selected.

Image Title:

Commemorative:
 No Yes

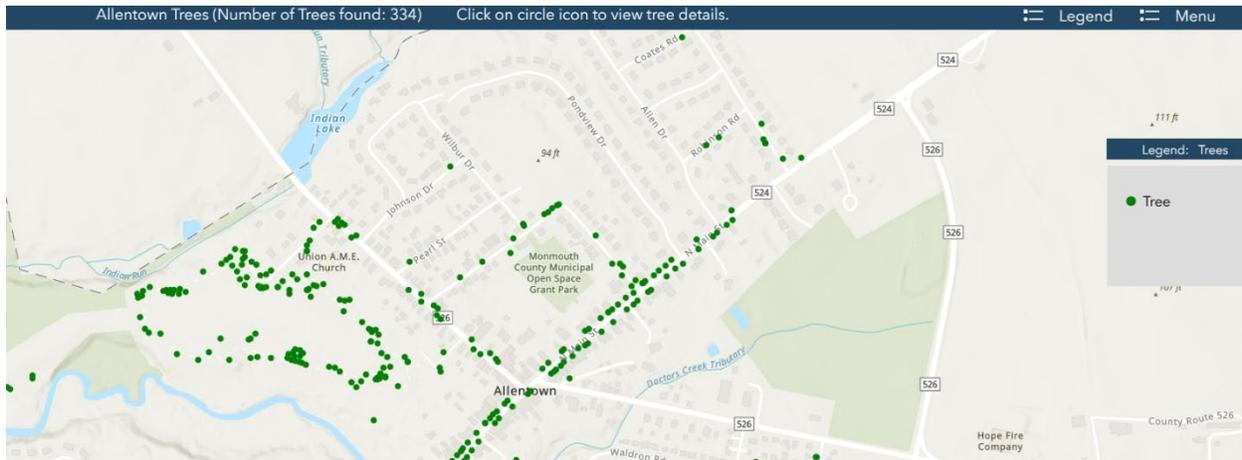
Upload



Name	Date modified	Type
AgcHarness	8/20/2025 9:40 AM	PHP File
OurImage	8/18/2025 10:02 AM	PHP File
OurCommList	8/13/2025 5:17 PM	PHP File
OurSpecies	8/13/2025 11:09 AM	PHP File
OurMapper	8/13/2025 11:00 AM	PHP File
OurMenu	8/13/2025 10:52 AM	PHP File
OurSurvey	8/13/2025 10:41 AM	PHP File
xampp-control	8/13/2025 8:27 AM	Configuration setti...

A second way to work with a tree’s data is to select it from a map. Click on the Menu icon, then Allentown Trees, then Map of All Borough Trees. This displays a map of all the trees in the

system. You can zoom in to more easily identify the tree you want. Click on the circle icon of the tree which will open a pop-up with the tree information. To edit the information, click on the Tree ID in the pop-up.



A third way to work with a tree's data is to do a search. Click on the Menu icon, then Allentown Trees, then Search for Trees. This displays a page where you can select what criteria you want to search on. If you do not select an item in a dropdown the search assumes all items in that dropdown are selected. Species and Land Use are multiselect, you can choose more than one. The Color By dropdown is used on maps to display a legend with color coded results. If DBH is selected all trees with "Not Assessed" will have their circles in black, trees with "1 – 5 in" will be in maroon etc. After making your selections, click the "View List" button to see the results as a

list or the “View Map” button to see the results as a map.

Species:

Aarons tree (Aron Aardvark)
Alaska cedar (Chamaecyparis nootkatensis)
American beech (Fagus grandifolia)
American elm (Ulmus americana)
American holly (Ilex opaca)
American hornbeam (Carpinus caroliniana)
American sycamore (Platanus occidentalis)
Amur maackia (Maackia amurensis)
Amur maple (Acer ginnala)
apple spp (Malus)

Land Use:

Not Assessed
Ashby Park
Heritage Park
Lakeview Parks
Residential
Sensi Park
Street Tree - Borough
Street Tree - County

DBH:

Not Assessed
1 - 5 in
6 - 10 in
11 - 15 in
16 - 20 in
21 - 25 in
26 - 30 in
> 30 in

Height:

Not Assessed
< 10 ft
10 - 20 ft
20 - 40 ft
40 - 50 ft
50 - 60 ft
60 - 70 ft
> 70 ft

Crown:

Not Assessed
0 - 10% live crown
10 - 25% live crown
25 - 50% live crown
50 - 75% live crown
75 - 90% live crown
> 90% live crown

Sidewalk:

Not Assessed
No conflict
Raised 0.5 - 1.5 in
Raised > 1.5 in

Utilities:

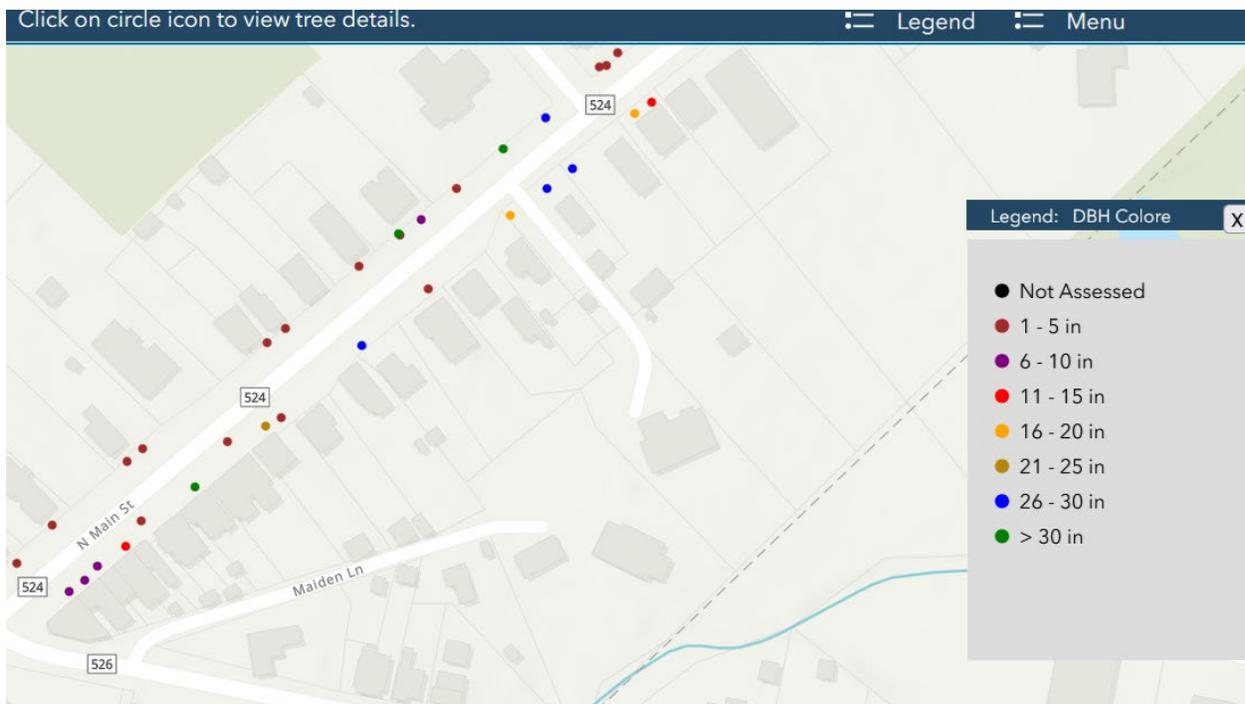
- Not Assessed
- None
- Present and no potential conflict
- Present and conflicting

Color By:

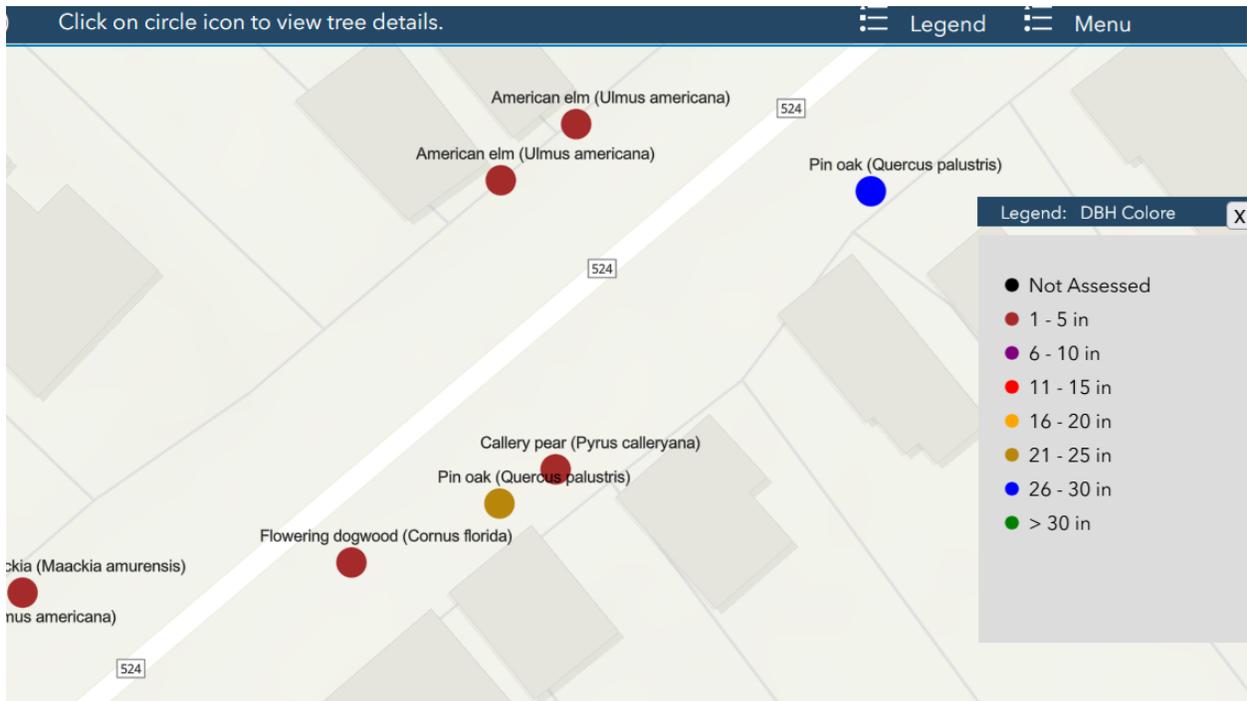
- DBH
- Height
- Crown
- Sidewalk
- Utilities

[View List](#) [View Map](#)

The following screenshot shows a map with DBH selected in the Color By dropdown. Note there is a Legend Icon next the Menu Icon. This allows you to hide or display the Legend by clicking on it.



By zooming in on a map the Species of the tree is displayed.



Clicking on circle displays a pop-up containing all the data for that particular tree. The pop-up contains 3 links, underlined in the screen shot. The Tree ID link takes you to the page where you can edit the tree's information.

d: 120) Click on circle icon to view tree details.

American elm (*Ulmus americana*)

Flowering dogwood [Description](#)

Zoom to

Tree ID	509
Species	Flowering dogwood (<i>Cornus florida</i>)
Address	31 N. Main St.
Latitude	40.178501
Longitude	-74.583107
Land_Use	Street Tree - County

Flowering dogwood (*Cornus florida*)

Amur maackia (*Maackia amurensis*)

in elm (*Ulmus americana*)

524

The Description and Species links take you to a page with information describing the species with links for further information as shown below.

Flowering dogwood *Cornus florida*



Type: Deciduous Hardwood
Family: Cornaceae
Native Range: Eastern North America
Zone: 5 to 9
Height: 15 to 30 feet
Spread: 15 to 30 feet
Bloom Time: April to May
Bloom Description: White (bracts)
Sun: Full sun to part shade
Water: Medium
Maintenance: Medium
Leaf: Oval, dark green leaves 3-6" long turn attractive shades of red in fall
Attracts: Birds, Butterflies
Fruit: Showy
Other: Good fall
Tolerate: Deer, Clay Soil, Black Walnut



Tolerate: Deer, Clay Soil, Black Walnut

▶ [Virginia Tech's Flowering dogwood video presentation](#)

Native Americans used the bark and roots in a remedy for malaria; a red dye was also extracted from the roots. The species has been used in the production of inks, scarlet dyes, and as a quinine substitute. The hard, dense wood has been used for products such as golf club heads, mallets, wooden rake teeth, tool handles, jeweler's boxes and butcher's blocks. *Cornus florida* is the state tree and flower of Virginia, the state tree of Missouri, and state flower of North Carolina. It was used to treat dogs with mange, which may be how it got its name. The red berries are not edible, despite some rumors otherwise.

In 1915, forty dogwood saplings were donated by U.S. to Japan in the 1912-15 exchange of flowers between Tokyo and Washington, D.C. While the cherry trees survived the ensuing sour relation of these two countries and are the main feature of the National Cherry Blossom Festival, all dogwood trees in Tokyo died except the one that had been planted in an agriculture high school. In 2011 the United States sent 3,000 dogwood saplings to Japan to commemorate the 100 year anniversary of the Washington D.C. cherry trees given as a gift to the U.S. by Japan in 1912.

Further information:

[Virginia Tech Dendrology](#)
[Missouri Botanical Garden](#)