

BACKGROUND



EXPLORING FORESTS TO FAUCETS 2.0

Forests to Faucets 2.0 is a mapping tool created by the USDA Forest Service to illustrate the importance of forest management in maintaining quality drinking water supplies. You can use it to learn about the sources of your drinking water, determine whether and how those sources may be threatened, and find out what watersheds are upstream and downstream.


Note: To date, only the contiguous 48 states—not Alaska or Hawaii—are included in the tool. Check the link below for further updates.

GETTING STARTED

1. Go to the Forests to Faucets 2.0 webpage and open the Data Explorer by using the link bit.ly/F2F2 or by scanning the QR Code provided. (You may have to click “OK” to open the Data Explorer.) Note that the Data Explorer works best on a computer, not a phone.



You can watch a short introduction video at vimeo.com/667417943.

2. Click on the Search icon , which opens the search bar, and type in your zip code or the name of your town and state. Example: 97214 or Portland, OR. The tool will zoom into the location provided.

Forests to Faucets 2.0 Data Explorer

Watersheds:
Sorted by Surface Drinking water Importance within the map frame or by selected state from the states dropdown list.

Diversey Harbor-Frontal Lake Michigan (IL)
Big Valley Canyon-North Fork American River (CA)
East Fork North Fork North Fork American River (CA)
North Fork of North Fork American River (CA)
Humbug Creek-North Fork American River (CA)
Indian Creek-North Fork American River (CA)
Little Grizzly Canyon-Rubicon River (CA)
Duncan Creek (CA)

Start Here: Search for a location or zoom in. Highlight the selection tool to pick a watershed or watershed(s) to explore.

97214

97214, Portland, OR, USA

97214, Le Lorrain, Martinique, MTQ

97214, Hosford - Abernethy, Portland, OR, USA

97214, Kerns, Portland, OR, USA

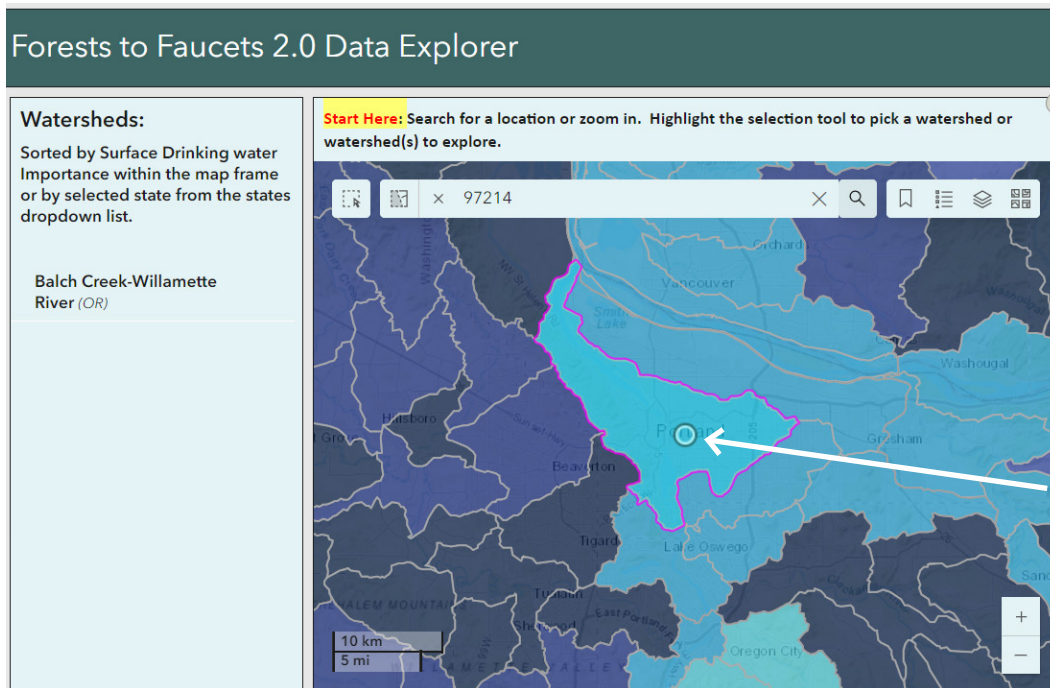
97214, Laurelhurst, Portland, OR, USA

97214, Richmond, Portland, OR, USA

2,000 km / 1,000 mi



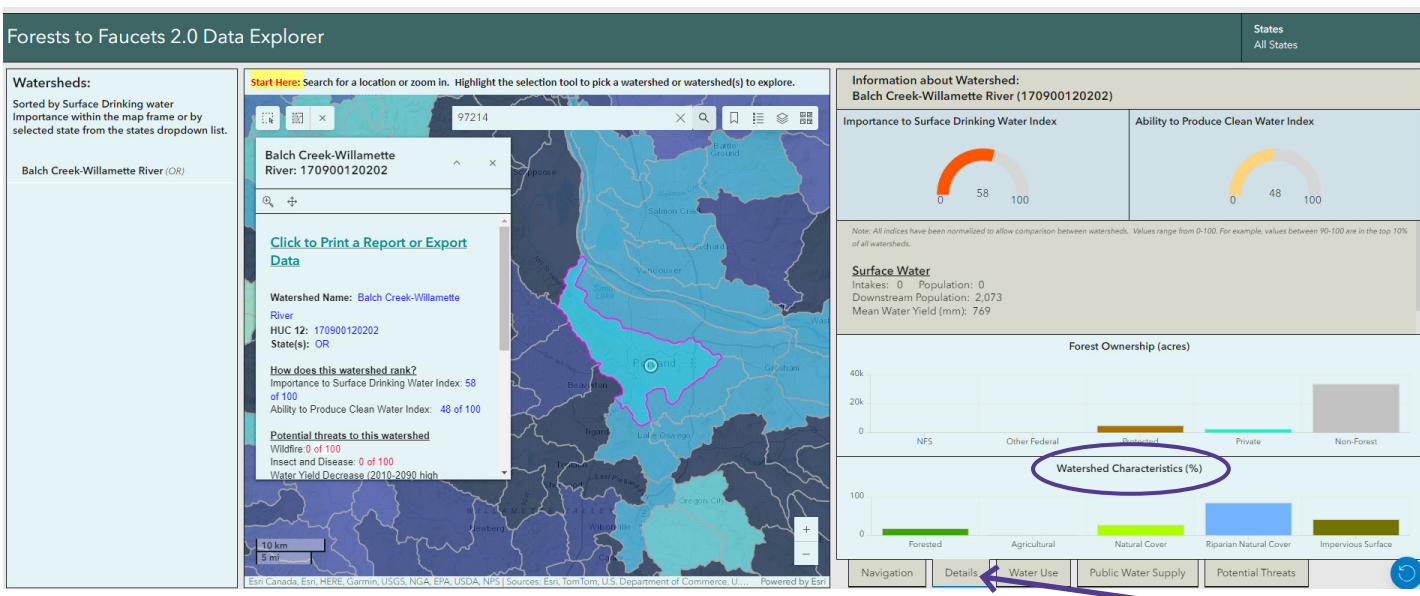
3. Use the +/- toggles in the bottom right corner of the map to zoom out until you see your entire town and surrounding area. You should see watersheds outlined in white, gray, or pink.
4. Use your cursor to select the watershed that contains your home or school, or another watershed that you plan to study. Your selected watershed should be outlined in pink.



5. A pop-up box will identify the name of your selected watershed and provide information about it.
Note: The color of the watershed denotes its importance for protecting surface drinking water.
 - The darker the blue, the higher the importance.
 - Yellow indicates a lower importance, possibly because there are fewer people in the watershed, or the drinking water comes from groundwater.
 - White indicates that the tool does not include data for the watershed at this time.

BACKGROUND (CONT.)

- You can use the tabs at the bottom of the screen to the right of the map to toggle between different types of data for your selected watershed. For example, to determine the percent that is forested, select the Details tab and locate the “Watershed Characteristics” section.



Tip: To save the information for future reference, take screen shots.

- For more information, see the User Guide, which you can access from the Forests to Faucets 2.0 home page.

REFLECTION QUESTIONS

- Why is this tool important? What key information does it show?
- How important is your area to drinking water?
- What activities might be damaging to drinking water? What is one way to reduce drinking water threats?

TROUBLESHOOTING TIPS

IMPORTANT! Forests to Faucets 2.0 works best on a computer and with Chrome or Firefox web browsers. If you experience errors, try the following:

- Clear your browser cookies cache.
- Close the browser and try again.
- Try a different web browser (prioritizing Chrome or Firefox).
- Close all other applications on your computer.
- Contact the Forests to Faucets Team at SM.FS.For_Faucets@usda.gov



SELECT ICONS AND FEATURES



= Search: finds locations entered by name or zip code



= Layers: changes the featured map layers



= Legend: defines the depicted map features



= Base Map: changes the look and components of the base map



= Downstream Watersheds: provides information about watersheds downstream from selected watershed



= Upstream Watersheds: provides information about watersheds upstream from selected watershed



= Expand: offers more report details



CAREER CORNER

GEOGRAPHIC INFORMATION SYSTEMS (GIS) SPECIALISTS use computers to analyze spatial data and to create graphic images and maps that show different kinds of data. They may make maps of forest areas that depict information about forest and soil types for land managers to use in planning. For information about this and other forest careers, see Explore Green Jobs at plt.org/workingforforests.

I LOVE MY
GREEN JOB!