



Aquatic Resource Management

Statewide Wetlands Inventory map – User Quick Tips

When using the Statewide Wetlands Inventory (SWI) map turn on ALL the layers. If a feature is mapped, then wetlands or waters may be present.

Each map layer has accuracy limitations. For greater detail see the [Disclaimer and Layer Descriptions and Limitations](#).

On-site investigation is the only way to verify if wetlands and waters exist on a given property, and to delineate their boundaries. The SWI mapping does not replace field verification.

Navigation Tools

In the upper left of the map the zoom in (+), zoom out (-) and the Home buttons.



Click on this button to zoom in.



Click on this button to zoom out.



Click on this button to zoom out to the State.

Use the mouse pointer and double click to zoom in.

Click and drag to move map to the desired location.

Use the mouse wheel to zoom in and out.

Map Tools (from left to right, Detail instructions below)



Click on this button to find DSL contacts for map, content information and resources.



Click on this button to create printable documents of the map area.



Click on this button to measure a length, an area, or to get point locations.



Click on this button to change the base map.



Click on this button to add text, graphics, shapes or markers to the map.



Click on this button to show the legend for all visible layers.



Click on this button to see the Layer List. Layers can be turned on or off, transparency changed and view layer descriptions.



Click on this button to search for a location.

Possible search method examples are as follows:

Street Address 775 Summer St NE, Salem (do not use State (OR or Oregon) in address line)

City or Place Salem or Silver Falls State Park or Klamath Lake

ZIP Code 97301 (the City of Salem)

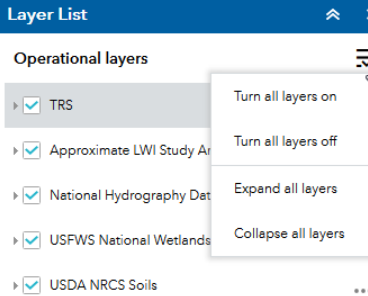
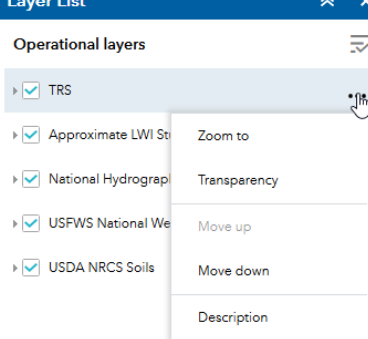
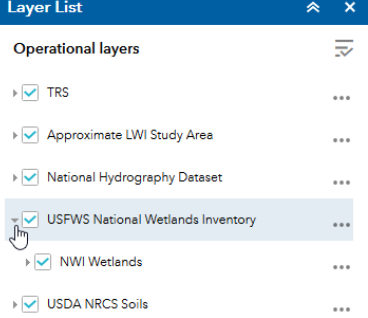
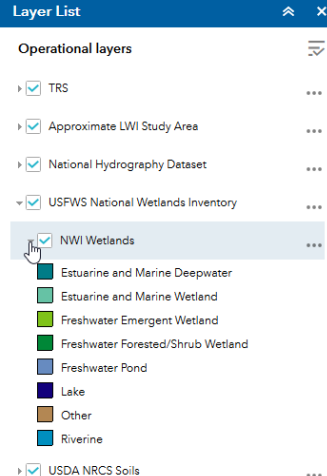
Longitude and Latitude -123.844074, 45.453756 (City of Tillamook) in decimal degrees, enter Longitude first then Latitude separated with a comma. Use a “-” before the Longitude number.

Township, Range, Section 6S 1W 35 (Silverton) or 17s 12e 31 (Bend) do not use leading zeros, use space between T R S. This tool is not case sensitive

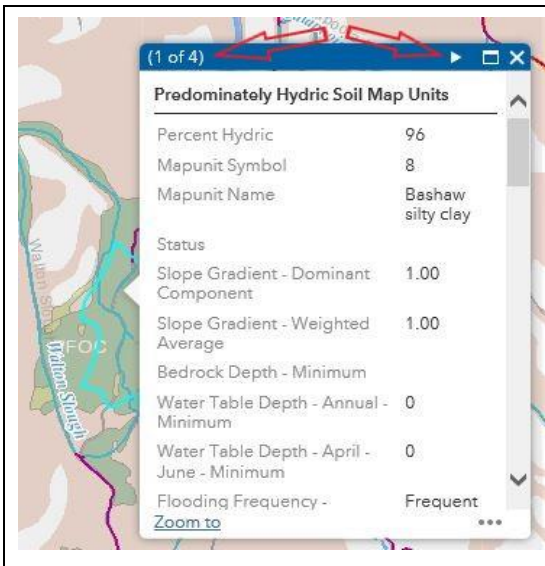
Detail instructions below!

Detail instructions for use of the map tools.

Layers List


	<p>All layers must be turned on to show the SWI for Wetland Land Use Notification screening.</p> <p>The icon in the upper right corner of the Layer List provides a quick way to turn on or off all layers.</p> <p>“Expand all layers” shows all subcategories and allows turning on and off each subcategory of map layer. “Collapse all layers” hides all subcategories. This does not expand the subcategory to show the symbols used, that must be done individually!</p> <p>▶ <input checked="" type="checkbox"/> On the left of the layer name, use the ▶ icon to expand the layer and the checkbox to turn the layer on or off.</p>
	<p>Top level layer groups</p> <p>The “...” button next to the layer provides a “dropdown” menu to the following functions:</p> <p>“Zoom to” the full extent of the layer.</p> <p>“Transparency” allows changing feature from “solid” to “see-through”</p> <p>Use “Move up” or “Move down” to change the order the layers appear in the list. The layers are drawn on the map from the bottom of the list to the top.</p> <p>The “Description” button will open the detailed documentation of the map layer. If you want to know more about the data sets in this map read the Disclaimer and Layer Descriptions and Limitations document.</p>
	<p>Expanding the layers in the Layers List will reveal the symbols used to represent the features. The first level will show all the individual layers available and the next level will reveal the symbols used.</p>  <p>When all the layers are expanded the list will extend off the screen but you can scroll up and down to view all the layers.</p>

Feature Details – Pop-up

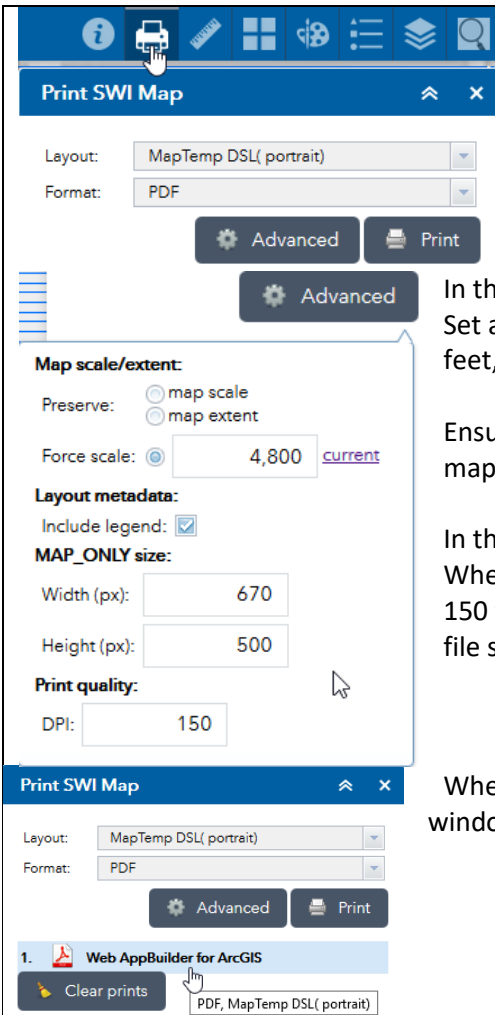


Left click on a feature of interest to get a pop-up window with details about that feature.

The upper left of the pop-up window shows this area has four overlapping features.

Use the  icon in the upper right to scroll through the layers to read about each feature.

Print Tool



The Print tool is activated by clicking on the button with a picture of a printer. Choose the orientation then choose the output type; a PDF document, a JPG image, a TIF image, etc. The resulting map can be viewed in the web browser, printed, or downloaded and saved.

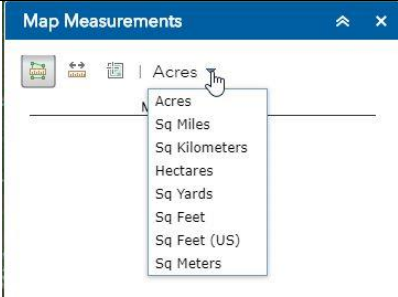
In the Advanced tool there are several more details that a user may specify. Set a specific map scale, for example to set the scale of 1 inch equals 100 feet, type in the value 1200, if 1 inch to 200 feet, type 2400, etc.

Ensure that the “Include Legend” box is checked so that it will appear on the map.

In the “Print quality” space set this value to maintain a crisp clean map. When viewing aerial photography it is advised that you use a DPI of at least 150 to have a clear picture. CAUTION: The higher the number the larger the file size!

When the map creation process is finished a link will appear in the Print Map window. When more than one map has been made there will be multiple links.

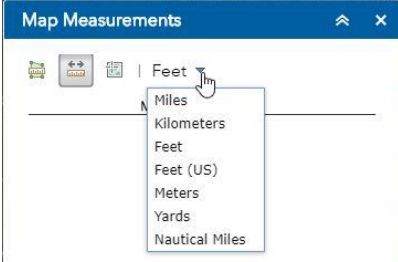
Measure Tool



Map Measurements

- Acres
- Sq Miles
- Sq Kilometers
- Hectares
- Sq Yards
- Sq Feet
- Sq Feet (US)
- Sq Meters

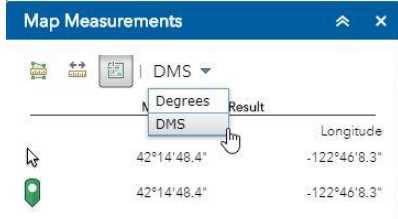
Use the measure tool to measure areas, linear distances, and set point locations. The user can define what units of measure are used.



Map Measurements

- Feet
- Miles
- Kilometers
- Feet
- Feet (US)
- Meters
- Yards
- Nautical Miles

Once the type of measurement is selected and the units defined, click in the map to begin measuring and double click to end measuring for areas and lines.



Map Measurements

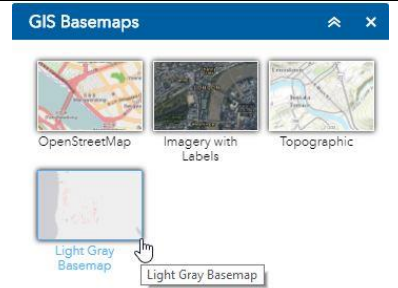
DMS

Latitude	Longitude
42°14'48.4"	-122°46'8.3"
42°14'48.4"	-122°46'8.3"

For points, simply click once on the map to view the Latitude and Longitude for that location.

The Map Measurements tool reads a point location as Latitude and then Longitude in decimal degrees. Please remember that the Find Location (Search) tool requires that Longitude be entered first then Latitude!

Base Maps

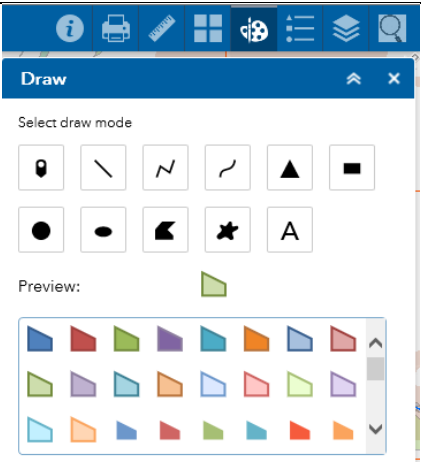


GIS Basemaps

- OpenStreetMap
- Imagery with Labels
- Topographic
- Light Gray Basemap

Change the base map by selecting from the 4 options provided. Simply click on a choice and the map will refresh with the new background!

Draw tool



Draw

Select draw mode

- Point
- Line
- Area
- Text
- Image

Preview:

Color:

Transparency:

Outline color:

Outline width:

Show measurements

Undo Redo Clear

Add text, graphics, shapes or markers to the map. Choose colors, etc.

Preview:

Text:

Font color:

Font size: