

Oregon Online Archaeological GIS User Guide

November, 2014



Conducting online research

- Launch a web browser to begin a session. Firefox or Chrome is recommended
- Navigate to URL included in your account confirmation email.
<https://maps.prd.state.or.us/shpo/archaeoview.html>
- You will be prompted to enter user name and password at the login screen.

Login Screen

The screenshot shows a web browser window titled "Oregon SHPO GIS - Mozilla Firefox" with the URL <https://maps.prd.state.or.us/shpo/archaeoview.html>. The search bar contains "Find by Biblio/Trinomial e.g. 12345 or 35MA 002". A "Sign in" dialog box is overlaid on the map, containing the following text:

Please sign in to access the item on <https://maps.prd.state.or.us> (SHPO/SHPOAnnotatedMaps_Mosaic_7_5min)

User Name:

Password:

OK Cancel

Annotations:

- Click OK**: Points to the OK button in the dialog box.
- Insert user name from confirmation email**: Points to the User Name input field.
- Insert password from confirmation email**: Points to the Password input field.

The background map shows a river and surrounding land. A legend on the right side includes "Layer Visibility" instructions: "Click to toggle the visibility of layers. Layers are not visible when zoomed out." Below the map is a table with columns: Result, Layer, Trinomial#, Eligibility, Eligibility Date, Site Type, Comments, Biblio#, and BiblioTitle.

Tools and Data

The screenshot shows the Oregon SHPO GIS web application in a Mozilla Firefox browser. The interface includes a search bar at the top with the text "Find by Biblio/Trinomial e.g. 12345 or 35MA 002" and a "Find" button. A map of Oregon is displayed in the center, with major cities like Portland, Salem, Eugene, Bend, and Boise labeled. A search bar on the left side of the map contains the coordinates "-120.1649, 41.7405". A legend on the right side of the map lists several layers: "SHPO Quads 15min", "SHPO Quads 7.5min", "Archaeological Info" (checked), "SHPO Quads Overlaps", "TRS Layer", and "GLO Maps". Below the legend are buttons for "Locate Address", "Town-Range-Sec", "Basemaps", "Print Map", and "Draw/Add T". At the bottom of the page is a table with the following columns: "Result", "Layer", "Trinomial#", "Eligibility", "Eligibility Date", "Site Type", "Comments", "Biblio#", and "BiblioTitle".

Identify Features, Zoom, and search queries

Zoom Data Frame In/Out

Data Frame where sites and surveys will be displayed

Legend

Layer Visibility

Click to toggle the visibility of layers
Layers are not visible when zoomed out

- SHPO Quads 15min
- SHPO Quads 7.5min
- Archaeological Info
- SHPO Quads Overlaps
- TRS Layer
- GLO Maps

Locate Address Town-Range-Sec

Basemaps

Print Map

Draw/Add T

Result	Layer	Trinomial#	Eligibility	Eligibility Date	Site Type	Comments	Biblio#	BiblioTitle
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Sites and Surveys Query Results

Table of Contents

Table of contents

Legend

Layer Visibility

Click to toggle the visibility of layers
Layers are not visible when zoomed out

- SHPO Quads 15min
- Archaeological Info
- SHPO Quads 7.5min
- SHPO Quads Overlaps
- TRS Layer
- GLO Maps

Locate Address/Town-Range-Sec

Basemaps

Print Map

Draw/Add Text

- Legend- What is being shown in the Data Frame. This will include the sites and surveys.
- Layer Visibility- Check which layers you want to be visible in the Data Frame.
 - SHPO Quads 15min- 15min series maps with original annotation of sites and surveys. Used to reconcile discrepancies in the data.
 - Archaeological Info- The site and survey data. Make sure this is checked to view sites and surveys in data frame
 - SHPO Quads 7.5min- 7.5min series maps with original annotation of sites and surveys. Used to reconcile discrepancies in the data.
 - SHPO Quads Overlaps- Miscellaneous maps with original annotation of sites and surveys. Used to reconcile discrepancies in the data.
 - TRS Layer- Layer depicting Township, Range and Section.
 - GLO Maps- Seamless georeferenced GLO maps. Includes the earliest complete GLO for the area. Other later maps may not be included.
- Locate Address/Town-Range-Sec- Query allowing search by address, Lat/Long, or by TRS.
- Basemaps- Choose from different base maps including, USGS Quads, aerial imagery, Streets, and others.
- Print Map- Print a copy of the Data Frame.
- Draw/Add Text- Draw in your project area or add reference annotation to the Data Frame.

Accessing TOC Sections

Legend

Layer Visibility

Click to toggle the visibility of layers
Layers are not visible when zoomed out

- SHPO Quads 15min
- Archaeological Info
- SHPO Quads 7.5min
- SHPO Quads Overlaps
- TRS Layer
- GLO Maps

Locate Address/Town-Range-Sec

Basemaps

Print Map

Draw/Add Text

To access different sections click on preferred to expand




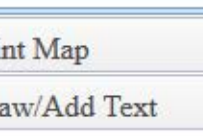
Once expanded, access data for that section. To change basemap click on preferred.

Legend

Layer Visibility

Locate Address/Town-Range-Sec

Basemaps

- 
National Geographic
- 
Oceans
- 
OpenStreetMap
- 
USGS Topo

Print Map

Draw/Add Text

Searching for a location

Legend

Layer Visibility

Locate Address/Town-Range-Sec

Enter an address
("725 Summer St, Salem")

or a locale with state
("fort rock, OR")

or a Lon/Lat in dd
("-123.1234, 45.1234")

725 Summer St, Salem

Locate

Clear Text/Drawing

Select values to find TRS

Township (Valid between 9N and 41S)

Basemaps

Print Map

Draw/Add Text

Enter Street address or known locale

Click Locate and data frame will zoom to location

To search by TRS, scroll down

Enter Township and select North or South

Enter Range and select East or West

Enter Section

Click Find TRS and Data Frame will zoom to location

Legend

Layer Visibility

Locate Address/Town-Range-Sec

Clear Text/Drawing

Select values to find TRS

Township (Valid between 9N and 41S)

17 N S

Range (Valid between 16W and 51E)

17 W E

Section

16

Find TRS

Basemaps

Print Map

Draw/Add Text

What you will see when zoomed to location

The screenshot shows the Oregon SHPO GIS web application in a Mozilla Firefox browser. The address bar displays `https://maps.prd.state.or.us/shpo/archaeoview.html`. A search bar at the top contains the text "Find by Biblio/Trinomial e.g. 12345 or 35MA 002" and a "Find" button. The main map area shows a topographic map of the Molalla River region, including Molalla River State Park and Canby Ferry. The map is overlaid with a grid of yellow lines representing the Public Land Survey System (PLSS). Three blue callout boxes with arrows point to specific features on the map: "Sites" (pointing to red dots), "Surveys" (pointing to purple polygons), and "Surveys" (pointing to a purple line). A legend on the right side of the map lists the following layers and symbols:

- Site_point: Red dot
- Site_line: Red line
- Site_poly: Red hatched polygon
- Surveys
 - Survey_point: Purple dot
 - Survey_line: Purple line
 - Survey_poly: Purple hatched polygon
- PLSS_NODLC: Yellow hatched polygon

Below the legend, there are buttons for "Layer Visibility", "Locate Address/Town-Range-Sec", "Basemaps", "Print Map", and "Draw/Add Text". At the bottom of the screen, a table displays search results with the following columns: Result, Layer, Trinomial#, Eligibility, Eligibility Date, Site Type, Comments, Biblio#, and BiblioTitle.

Result	Layer	Trinomial#	Eligibility	Eligibility Date	Site Type	Comments	Biblio#	BiblioTitle
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Tools used in Data Frame

ID individual feature

Zoom

Click Help to open the user manual



The screenshot shows a search bar with the text "Find by Biblio#/Trinomial#/Biblio Title keyword (results limited to first 1000) e.g. 12345 or 35MA 00260 or Oakmont". To the right of the search bar is a "Find" button and two links: "Help" and "Send Feedback". On the left side of the search bar, there are several icons: a blue circle with a white 'i', a magnifying glass, and two blue arrows pointing left and right. Callout boxes are connected to these icons and the "Help" link.

ID multiple features with lasso

Go to previous/next extent

Search by Site or Report number. Formatting for site numbers is important. Include space after county and include five characters for number.
35MA 00001

If you find errors in the data or are having issues with the interface, click Send Feedback to open an email that will be sent to the OR SHPO. Staff will address your issue. This is the best way to give feedback. Please do not call SHPO staff regarding errors in data.

Identifying Features

Choose the lasso ID tool and click and drag in data frame to ID features

Identified features highlighted in blue

Results of query are returned below

Data Frame zooms to identified features

Oregon SHPO GIS - Mozilla Firefox
File Edit View History Bookmarks Tools Help
Oregon SHPO GIS
https://maps.prd.state.or.us/shpo/archaeoview.html
Find by Biblio/Trinomial e.g. 12345 or 35MA 002 Find

Legend
Layer Visibility
Click to toggle the visibility of layers
Layers are not visible when zoomed out
 SHPO Quads Overlaps
 SHPO Quads 7.5min
 Archaeological Info
 SHPO Quads 15min
 TRS Layer
 GLO Maps

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Draw/Add Text

Result	Layer	Trinomial#	Eligibility	Eligibility Date	Site Type	Comments	Biblio#	BiblioTitle
1	Site_point	Null	Null	Null	...	FISHING	Null	...
2	Site_point	Null	Not Eligible	Null	...	site update; 2 Brick fragments; legal description in Isolate Form is incorrect, isolate is in 3S1E20, not 1W	21479	...
3	Site_poly	35CL 00316	Unevaluated	Null	...	Moalla Park Site; Lithic Scatter, Refuse Scatter	17642	...
4	Site_poly	Null	Unevaluated	Null	...	Structure and Cultivated area indicated on 1852 GLO	21479	...
5	Site_poly	35CL 00316	Unevaluated	Null	...	Moalla Park Site; site update; Lithic Scatter, Refuse Scatter; site form not included in the report	21479	...

Scroll down to view all results

Query Results

Zoom to individual feature by clicking

Sort any column by clicking on column header

Site Type will be listed if field has been populated

Report numbers listed. If no report number, feature has not been associated with a report

	Result	Layer	Trinomia#	Eligibility	Eligibility Date	Site Type	Comments	Biblio#	BiblioTitle
	1	Site_point	Null	Null	Null	...	FISHING	Null	...
	2	Site_point	Null	Not Eligible	Null	...	site update; 2 Brick fragments; legal description in Isolate Form is incorrect, isolate is in 3S1E20, not 1W	21479	...
	3	Site_poly	35CL_00316	Unevaluated	Null	...	Moalla Park Site; Lithic Scatter, Refuse Scatter	17642	...
	4	Site_poly	Null	Unevaluated	Null	...	Structure and Cultivated area indicated on 1852 GLO	21479	...
	5	Site_poly	35CL_00316	Unevaluated	Null	...	Molalla Park Site; site update; Lithic Scatter, Refuse Scatter; site form not included in the report	21479	...

Site numbers listed. If no number, see comments for information

National Register status listed. If value is Null, assume site is unevaluated and treated as eligible, even if site form states differently.

See comments for additional information

Scroll down to view additional records

Accessing Site forms and Survey reports

Click on site number to access link

Click on report number to access link

Result	Layer	Formal#	Eligibility	Eligibility Date	Site Type	Comments	BiblioTitle
1	Site_point		Null	Null	...	FISHING	...
2	Site_point	Null	Not Eligible	Null	...	site update; 2 Brick fragments; legal description in Isolate Form is incorrect, isolate is in 3S1E20, not 1W	21479 ...
3	Site_poly	35CL_00316	Unevaluated	Null	...	Moalla Park Site; Lithic Scatter, Refuse Scatter	17642 ...
4	Site_poly	Null	Unevaluated	Null	...	Structure and Cultivated area indicated on 1852 GLO	21479 ...
5	Site_poly	35CL_00316	Unevaluated	Null	...	Molalla Park Site; site update; Lithic Scatter, Refuse Scatter; site form not included in the report	21479 ...

Info

[Download File 2.15mb](#)

Click to download. Download speed may depend on file size and internet connection

Annotating the Data Frame

The screenshot displays a GIS application interface. At the top, there is a search bar with the text "Find by Biblio/Trinomial e.g. 12345 or 35MA 002" and a "Find" button. Below the search bar is a map of the Willamette River area, showing topographic features, roads, and water bodies. The map is annotated with several shapes and text:

- A blue circle around a section of the map with the text "Annotation will be placed" and "Add desired annotation, choose color and add to map".
- A blue rectangle with the text "Draw desired shape".
- A blue rectangle with the text "Click on the section to access".
- A blue rectangle with the text "Type desired text".
- A blue rectangle with the text "Choose color".
- A blue rectangle with the text "Click and place in data frame".
- A blue rectangle with the text "To draw in data frame, click".

On the right side of the map, there is a control panel with the following sections:

- Legend**
- Layer Visibility**
- Locate Address/Town-Range-Sec**
- Basemaps**
- Print Map**
- Draw/Add Text**
Add desired annotation, choose color and add to map
- Text/Line Color:**
A color selection palette with various colors.
- Click Here Then on Map to Add**
- Draw Freehand Polyline**
- Clear All Map Graphics**

At the bottom left of the map, the coordinates "122.6753, 45.2807" are displayed. At the bottom right, the copyright notice "Copyright © 2013 National Geographic Society" is visible.

Printing a Map

Legend

Layer Visibility

Locate Address/Town-Range-Sec

Basemaps

Print Map

Print

Letter Landscape

MAP_ONLY

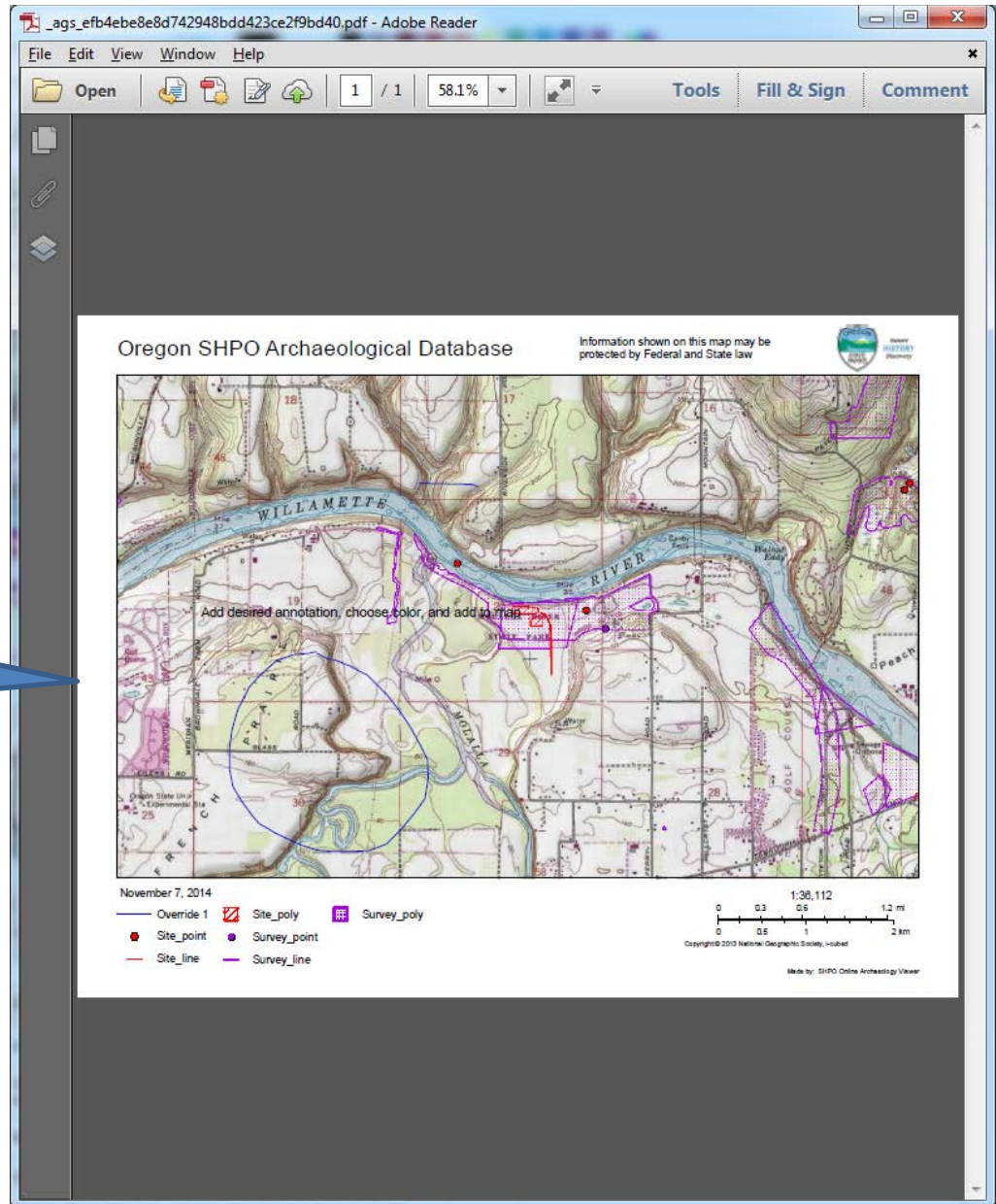
Draw/Add Text

Click on section to expand

Click to select map option then click Print

Map will be exported to pdf. Print or save.*

* Do not include maps with locations of known sites in public documents



Notes

- There is a time out limit of 2 hours. After 2 hours of no activity you will need to close out the session and log back in.
- Depending on use traffic site and internet connection performance may vary, especially downloading pdf's of site forms and reports.
- While the database is updated daily of sites and surveys, additional information may be available at the SHPO office that will not be included online. This includes additional GIS data not provided online (e.g. offshore coastline data), context statements, historic cemetery information and reports requiring tribal approval for viewing.