

Soil Survey Data

Soil survey data are a product of the National Cooperative Soil Survey, a joint effort of the USDA Natural Resources Conservation Service and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local participants.

Web Soil Survey (WSS)

The Web Soil Survey provides agricultural producers, agencies, Technical Service Providers, and others electronic access to relevant soil and related information needed to make land-use and management decisions. The WSS:

- Provides an alternative to traditional hardcopy publication,
- Provides the means for quicker delivery of information,
- Provides electronic access to full soil survey report content,
- Provides access to the most current data,
- Allows customers to get just the information they want, and
- Provides customers with the ability to download spatial and tabular soils data for use in GIS (replaces functionality of former Soil Data Mart).
- Additional help is available at "Contact Us" or by emailing soilshotline@lin.usda.gov.

Current, Custom Soil Maps & Reports:

Fast.

Free.

Friendly.

Print a Hydric Soil Map

- Complete Steps 1, 2, and 3
- From the "Soil Data Explorer" tab, click on the "Suitabilities and Limitations for Use" tab
- Click on "Land Classifications"
- Click on "Hydric Rating by Map Unit"
- Click the "View Rating" button
- Click the "Legend" tab to open or close the map symbol legend
- Click the "Printable Version" button
- Click the "View" button
- On the browser menu bar, select File and Print; or click the print icon

Print a Soil Chemical Properties Report

- Complete Steps 1, 2, and 3
- From the "Soil Data Explorer" tab, click the "Soil Reports" tab
- Click on "Soil Chemical Properties"
- Click on "Chemical Soil Properties"
- Click the "View Soil Report" button
- Click the "Printable Version" button
- Click the "View" button
- On the browser menu bar, select File and Print; or click the print icon




Natural Resources Conservation Service
United States Department of Agriculture

Web Soil Survey


<http://websoilsurvey.nrcs.usda.gov>

Define.




Search / Locate

Collect.



Analyze Data

Develop.



Custom Reports & Maps



Natural Resources Conservation Service
United States Department of Agriculture

National Cooperative Soil Survey

USDA is an equal opportunity provider and employer.

March 2014

"Helping People Help the Land"

Accessing Web Soil Survey

- Open the Web Soil Survey (WSS) site at: <http://websoilsurvey.nrcs.usda.gov> and click the "Start WSS" button.



Step 1. Define Your Area of Interest (AOI)

Search	Area of Interest	Import AOI	Quick Navigation	Address	State and Country	State	County (optional)	Soil Survey Area	Latitude and Longitude	PLSS (Section, Township, Range)	Bureau of Land Management	Department of Defense	Forest Service	National Park Service	Hydrologic Unit
						Nebraska	Lancaster								

- Several methods are available to zoom into a geographic area of interest. You can enter an address; select a state and county; enter section, township, and range information; or you can import a boundary file from your local computer to set the AOI.
- Click the "View" button to see the area.



Step 2. View and Print Your Soil Map

Soil	Area	Percent in AOI
307C	Nebraska 4th Range, 17th 20 percent slope, eroded	43.8
308A	Nebraska 24th Range, 0 to 1 percent slope	50.13
308C	Nebraska 24th Range, 1 to 3 percent slope	49.4
309C	Nebraska 24th Range, 3 to 7 percent slope, eroded	8.8
309S	Nebraska 24th Range, 7 to 11 percent slope, frequently ponded	45.5
309L	Nebraska 24th Range, 7 to 11 percent slope	28.8
Total for Area of Interest		2464.1

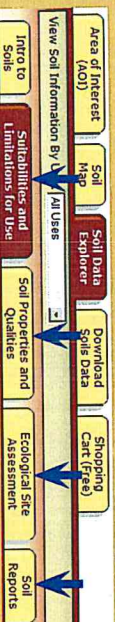
- Click on the "Soil Map" tab.
- Click on a map unit name to view a map unit description. Click the X to close the narrative.
- Print your soil map by clicking on the "Printable Version" button; then click the "View" button. On the browser menu bar, select File and Print; or click the print icon. Close the window.

Step 3. Explore Your Soil Information

WSS generates thematic maps of soil interpretations and chemical or physical properties. Tabular data reports are also available.



- Click on the "Soil Data Explorer" tab.



- Click on the tabs below "Soil Data Explorer" and explore available information (default tab is "Suitabilities and Limitations for Use").

Step 4. Add Items to the Free Shopping Cart and Check Out

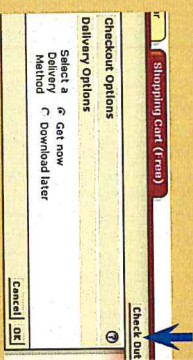
WSS allows you to collect a variety of thematic maps and reports in the Shopping Cart, then print or download the content into one file or document.

- Soil map, map unit legend, and map unit descriptions are automatically added.



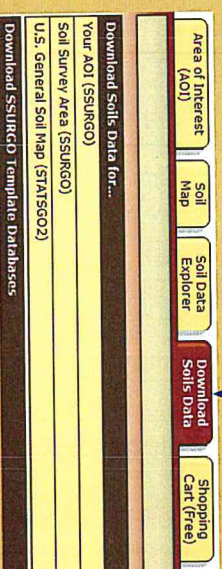
- Items viewed in Step 3 can be added by clicking the "Add to Shopping Cart" button.

- View your cart contents by clicking the "Shopping Cart (Free)" tab. Items checked on the Table of Contents are included.



- Get your Custom Soil Resource report.
 - Click the "Check Out" button
 - Select a delivery option and click OK

Step 5. Download Soils Data for Use in GIS



WSS now allows you to download spatial and tabular SSURGO and STATSGO2 soils data for use in your local GIS. SSURGO data can be downloaded for your defined AOI or for a soil survey area. STATSGO2 data can be downloaded for individual states or for the whole U.S.

NOTE: At any time during Steps 2, 3, 4, or 5, you can redefine the soil map location by clicking on the "Area of Interest" tab and clicking the "Clear AOI" button. Repeat Step 1.