

Accessing GeoCommunicator's Land Survey Information System (LSIS)

The Land Survey Information System is the Official Federal distribution site for the Public Land Survey System (PLSS) data and other survey-based data. This information is collected and maintained by the BLM as a streaming Internet map service and application accessible from any computer with access to the Internet. The application is available through the BLM'S GeoCommunicator. The following instructions will guide you through an interactive web mapping session where you can search for Land Survey information and integrate it with other spatial reference themes from the BLM and USGS.

Connect to the GeoCommunicator website <http://www.geocommunicator.gov/>.

GeoCommunicator offers three applications

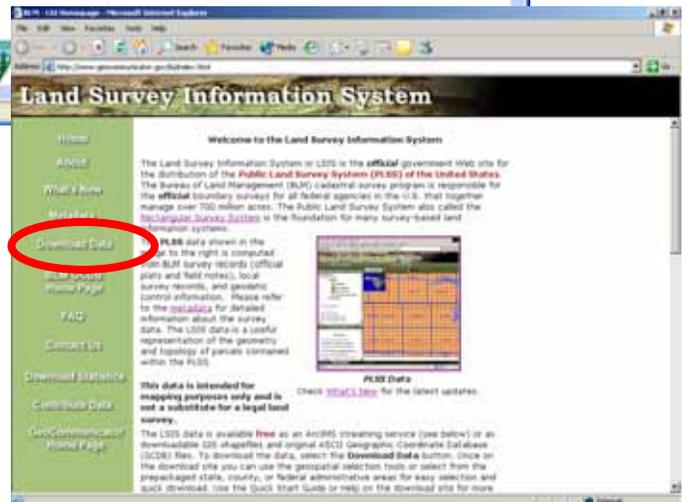
- Land & Mineral Use Records
- Federal Land Stewardship
- Land Survey Information System

Click “**Land Survey Information**”.



This link takes you to the Land Survey Information page, where you can learn about the BLM's Land Survey Information System, and how to download Public Land Survey System (PLSS) data.

The Land Survey Information System page provides a dynamic mapping interface to allow for the discovery and download of available PLSS data.



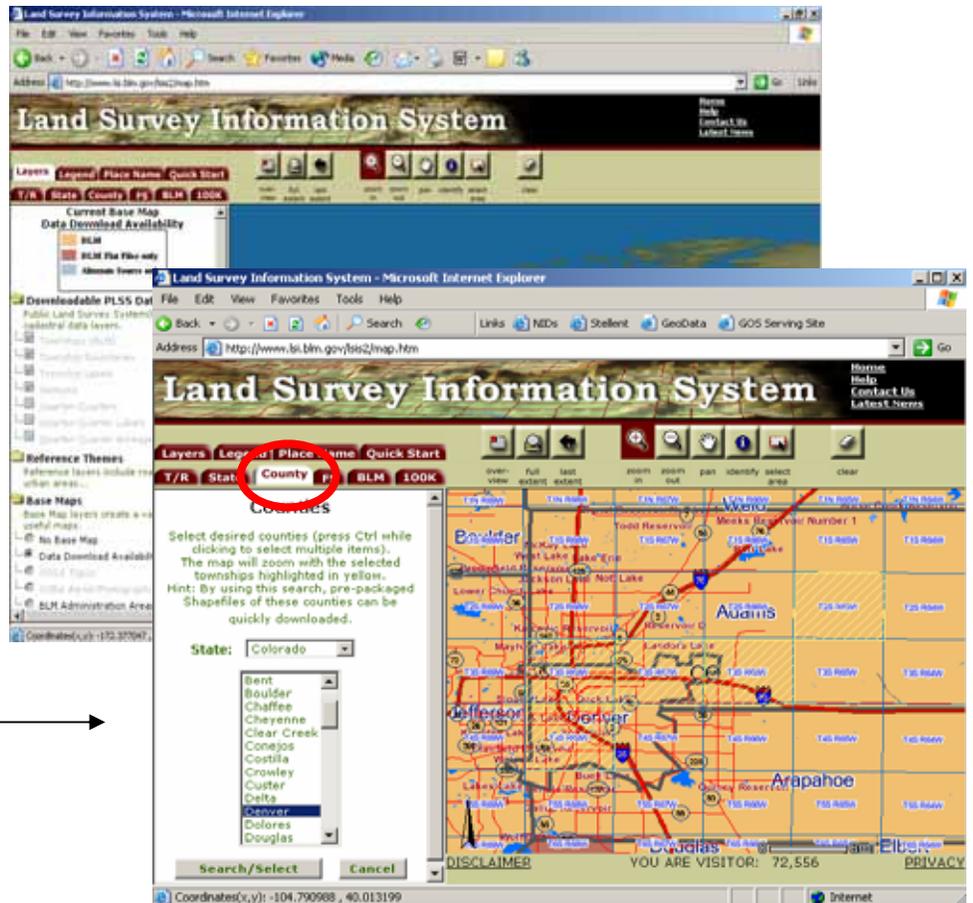
Click “**Download Data**” to start the mapping interface.

There are three main ways to search for and select data within the application:

SEARCH FOR DATA

1 – Using the Tabs – State, County, FS, BLM, and 100k. These tabs allow you to select pre-packaged files for download. This is the quickest way to download files.

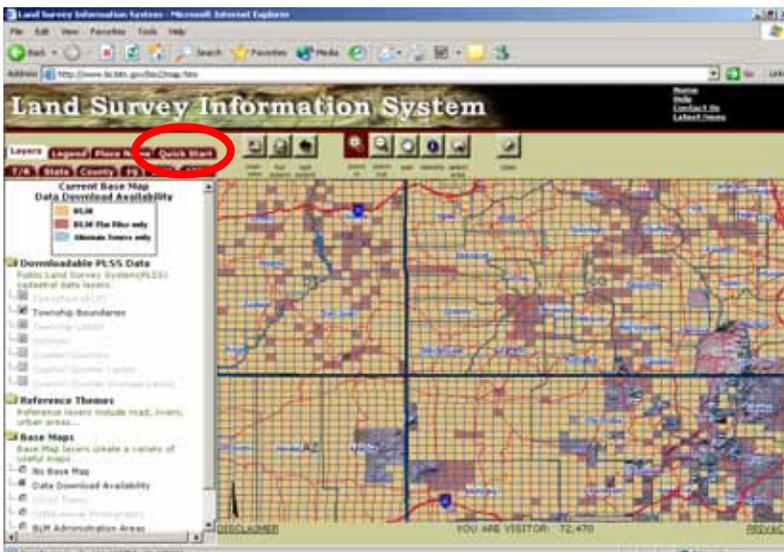
For example: Click on “County” from the menu bar. Select a state from the drop-down list. A list of the counties in the state will be displayed. Click on the county.



2 – Using Place Name or T/R – Click on “Place Name” from the menu bar and enter the name of a place, such as city, state, or county.

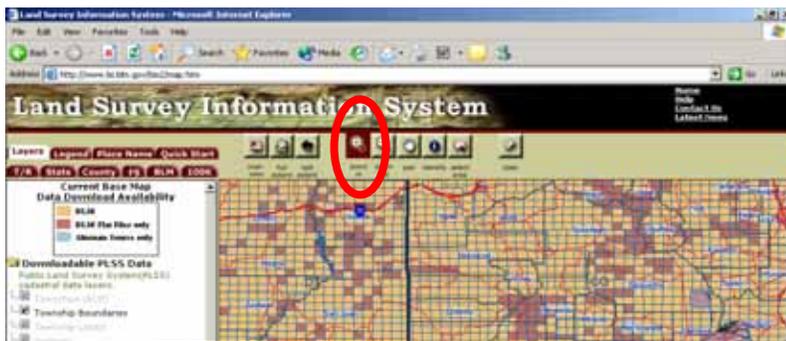
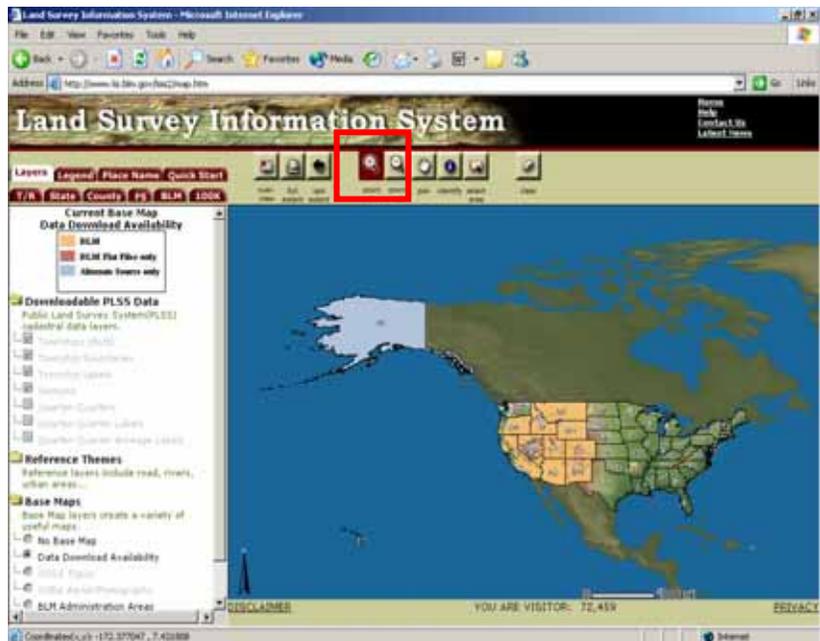
A list of place names is returned. Click on the appropriate name in the list to zoom to your area of interest.

Zoom in closer to display the sections.

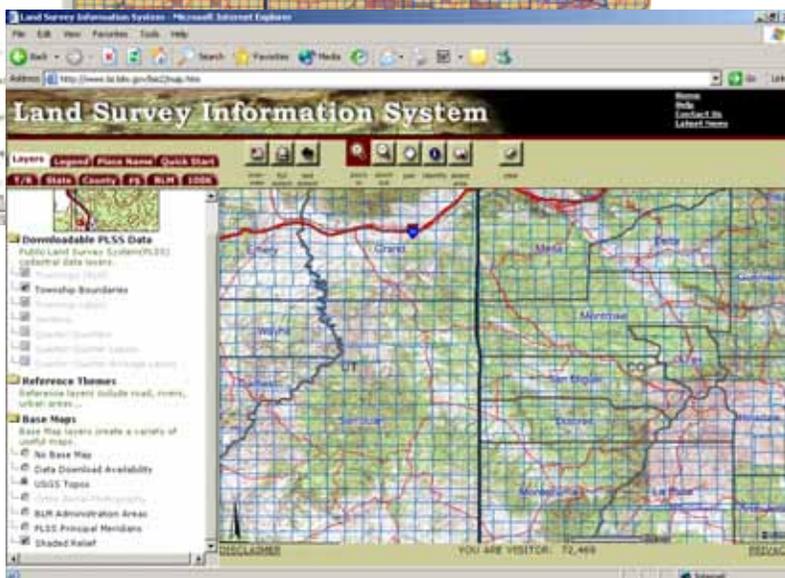


3 – Using an Interactive Map –
Use the GIS navigation tools at the top such as “zoom in” to locate an area of interest.

To view more detailed information regarding a specific area choose “**Zoom in**” and then draw a box around the area of the map that you would like to view.



You can continue to “**Zoom in**” for even more detailed information. Choose the “**Layers**” on the left-hand margin that you would like to display. You can toggle on and off base maps to help you locate the area you are interested in.



DOWNLOAD DATA

To download data you must first select the area. The pre-packaged state, county, FS, BLM, or 100K are already selected.

To select an area to download, click the “Select Area” button. Drag a box around the area. The area will change to yellow diagonal lines when selected. Clear will remove the selection. A window will pop up showing the townships selected.

The data can be downloaded in different formats and from different sources:

- BLM GIS Shapefile
- GCDB Flat File
- USFS and other sources GIS Shapefile

To the right of the township is the list of formats that are available. Flat files require special software to use them. Shapefiles can be used with any GIS software.

Select the format and click “Download Data”.

A message box will inform you the size of the zip file containing the specified townships in the specified format. Click “Download Now”.

For more information or questions regarding these instructions visit <http://www.geocommunicator.gov> or contact:

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The screenshot shows the Land Survey Information System web application in Microsoft Internet Explorer. The main window displays a map of Colorado with a red box around a selected area. A "Query/Selection Results" window is open, showing the selected townships in the state of Colorado and the counties of Denver. The window lists the selected townships and provides options for downloading the data in different formats: BLM (GIS Shapefile format), BLM (GCDB Flat File format), and USFS and other Sources (GIS Shapefile format). The "Download Now" button is highlighted with a red circle.

Selected Townships
Townships in state of 'CO' and counties: Denver

To download data, select the desired Provider and Format, and press button.

- BLM (GIS Shapefile format)
- BLM (GCDB Flat File format [Info...](#))
- USFS and other Sources (GIS Shapefile format)

Download Now

Notes: The shapefile data downloads are in NAD83 Geographic coordinate system. View [Latest News Page](#) to see the recent attribute changes, metadata...

Total Records: 5		Data Availability Status	
Township	Updated	BLM	USFS And Other Sources
1 CO 06 T002S R065W	28 Apr 2004	Yes	-
2 CO 06 T003S R067W	28 Apr 2004	Yes	-
3 CO 06 T003S R066W	28 Apr 2004	Yes	-
4 CO 06 T003S R068W	28 Apr 2004	Yes	-
5 CO 06 T004S R068W	28 Apr 2004	Yes	-

A 1.04 Mb zip archive has been created containing the selected township data. The zip file will take approximately 2 minutes and 27.94 seconds to download (based on a 56 Kbps connection). Connection speeds may vary. Each file in the archive is in a shapefile format.

DISCLAIMER:
The geographic coordinates and their associated products are NOT legal land survey records. These coordinates can NOT be used as a substitute for a legal land survey. They can be used for record keeping, mapping, graphics and planning purposes only. No warranty is made by the Bureau of Land Management for use of the data for purposes not intended by BLM.

Download Now Close