



Using BLM's GeoCommunicator Survey Points in Google™ Maps

The following document describes the process of using Google™ Maps to bring in kml files of PLSS Township coordinates from GeoCommunicator (<http://www.geocommunicator.gov>). GeoCommunicator is the Bureau of Land Management's publication system for spatial data, interactive maps, map services, and web services.

***Important Notice:** Please read the Data Disclaimer at the end of this document.*

Get GeoCommunicator PLSS Coordinate Data for display on Google Maps:

Step 1:

Open GeoCommunicator **PLSS Download Viewer:**

<http://www.geocommunicator.gov/blmMap/MapLSIS.jsp>

Step 2:

Click “**County**” Tab in upper right of map viewer, Select State and County from drop down lists. Click “**Search/Select**” button to bring up “**Cadastral Data Distribution**” Window.

The screenshot shows a web browser window titled "Download PLSS - Windows Internet Explorer" with the URL <http://www.geocommunicator.gov/blmMap/MapLSIS.jsp>. The main content area is titled "Land Survey Information System" and features a map of the United States. The map is overlaid with a grid representing PLSS townships. The right sidebar contains a "Counties" section with a "State" dropdown menu set to "Arizona" and a list of counties: Apache, Cochise, Coconino, Gila, Graham, Greenlee, La Paz, Maricopa, Mohave, Navajo, Pima, Pinal, and Santa Cruz. The "Search/Select" button is highlighted. The bottom of the browser window shows the status bar with coordinates: Lat/Long: 55.121094, -62.703125 DMS(y,x): 55° 7' 15", -62° 42' 11" UTM: N:6108307.01, E:518933.39, Zone.

Step 3:

Put a check mark in the box marked **Points** next to the townships you want to export as kml. Limit is 10 townships. After the selection is made, click the **“Export Survey Data”** button.

Cadastral Data Distribution
Townships in state of 'AZ' and counties: Apache

PLSS Shapefile Download
This tool allows you to download the list of townships that are selected on the LSIS map.

Select the desired provider:
If you selected an area that has both BLM GCDB Source Data and USDA Forest Service and Alternate Source Data, two downloads will be needed.

BLM GCDB Source Data
 USDA Forest Service and Alternate Source Data

[Download PLSS Shapefiles](#) [Help PDF Help](#)

Survey Data Exports
This tool allows you to export BLM GCDB Survey Points and Lines and Control Points from the National Integrated Land System (NILS) Survey Fabric. The NILS Survey and Control Points exports are available in KML, GPX, List and GeoRSS file formats. Exports of All Points and Lines are available in KML and GeoRSS formats.

Select up to 10 townships in the table below.
KML and GeoRSS Points and Lines will plot automatically.

[Export Survey Data](#)

Points	Township	Updated	BLM	USDA and Other Sources
<input checked="" type="checkbox"/>	AZ 14 T032N R026E	17 Oct 2007	Yes	-
<input checked="" type="checkbox"/>	AZ 14 T034N R022E	19 Mar 2007	Yes	-
<input type="checkbox"/>	AZ 14 T034N R023E	19 Mar 2007	Yes	-
<input type="checkbox"/>	AZ 14 T034N R024E	19 Mar 2007	Yes	-
<input type="checkbox"/>	AZ 14 T035N R031E	20 Mar 2007	Yes	-
<input type="checkbox"/>	AZ 14 T035N R029E	10 Aug 2007	Yes	-
<input type="checkbox"/>	AZ 14 T035N R030E	10 Aug 2007	Yes	-
<input type="checkbox"/>	AZ 14 T035N R031E	20 Mar 2007	Yes	-
<input type="checkbox"/>	AZ 14 T015N R030E	15 Mar 2007	Yes	-
<input type="checkbox"/>	AZ 14 T015N R031E	15 Mar 2007	Yes	-
<input type="checkbox"/>	AZ 14 T012N R014E	14 Mar 2007	Yes	-

Step 4:

Content Desired: select Control Points

Format Desired: select KML

Click **“Export to File”** to process. Wait for File link to be returned. Highlight and copy the URL returned.

Survey Exporter

Enter Township Landkeys:
AZ14T0320N0260E,AZ14T0340N0220E

Content Desired:
 Points All Points and Lines Control Points

Format Desired:
 KML GPX List GeoRSS

[Export to File](#)

Exported file available for download:
http://www.geocommunicator.gov/ASOutput/AZ14T0320N0260E_201175_13917895.kml
[Click to download](#)

[Close](#)

Select **“KML”** format. Click **“Export to File”**

Click **Control Points**

Highlight and copy the URL returned for the kml file. To save the file use the **“Click to download”**

