



GeoCommunicator
www.geocommunicator.gov

Accessing Land Records with NILS and the GeoCommunicator

John Reitsma – BLM Land & Resources Project Office

Underground Mine Mapping Workshop

Sheraton Station Square

Pittsburgh, PA

June 1, 2005

What is NILS?



- The National Integrated Land System (NILS) is a joint project between the BLM and the USDA Forest Service in partnership with the states, counties, and private industry to provide business solutions for the management and integration of ***cadastral records*** and ***land parcel information*** in a Geographic Information System (***GIS***) environment.

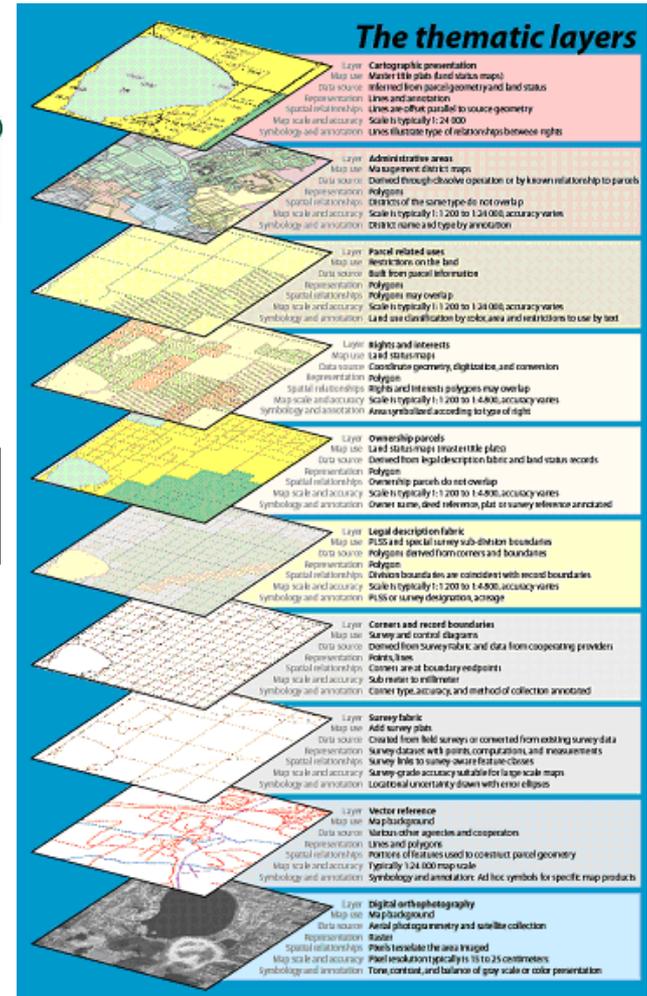


What is the GeoCommunicator?

- The GeoCommunicator is an interactive ***web based system*** designed to facilitate the ***integration of geographic data*** among federal, state, local, and private individuals and organizations interested in ***land-related information***.

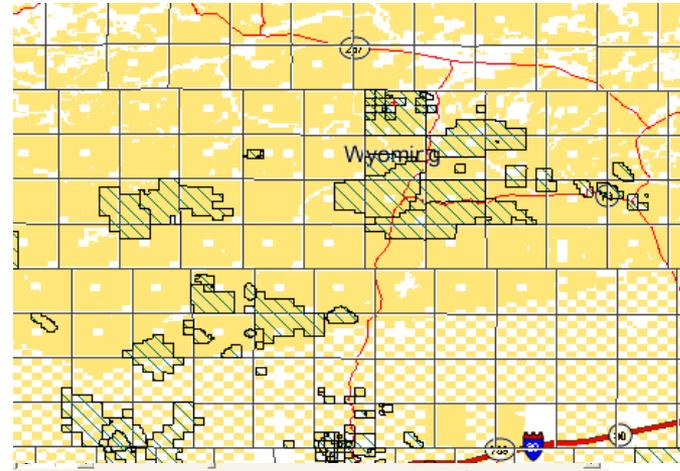
OMB Circular A-16 Describes Specific GIS Framework Data Layers and Assigns Agency Responsibility

- Geodetic Control
- Cadastral & Land Records
- Governmental Units
- Transportation
- Elevation and Bathymetry
- Hydrography
- Orthoimagery
- Plus 27 others...



NILS Spatial Data Layers

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



Serving National Spatial Data Layers for the BLM as directed by OMB Circular A-16

http://www.whitehouse.gov/omb/circulars/a016/a016_rev.html



Land Survey Information

GeoCommunicator - Microsoft Internet Explorer

File Edit View Favorites Tools Help

GeoCommunicator
www.geocommunicator.gov

Home
About
Land & Mineral Use Records
Federal Land Stewardship
Land Survey Information
Reference
Search Geodata.gov
Contact Us

GeoCommunicator is a land management and land records community based web site for the distribution of information and data from the National Integrated Land System.

GeoCommunicator provides:

- **Land & Mineral Use Records** providing spatial display of the BLM's land and mineral use authorizations and mining claims.
- **Federal Land Stewardship** for locating, viewing, and contacting federal surface management agencies.
- **Land Survey Information** providing the Public Land Survey System (PLSS) and other survey-based data for downloading or image streaming.
- **Reference** documents and information for the cadastral, land records, and parcel management communities.
- **Link to Geodata.gov** portal for searching, locating, and accessing U.S. maps and data.



GeoCommunicator is an official United States Government web site. GeoCommunicator is provided by the **Bureau of Land Management** & the **U.S. Forest Service**. This is a U.S. Government Computer System. Before continuing, please read GeoCommunicator's **Privacy/Security Policy**. Please use the **Contact Form** with any questions relating to accessibility of documents.

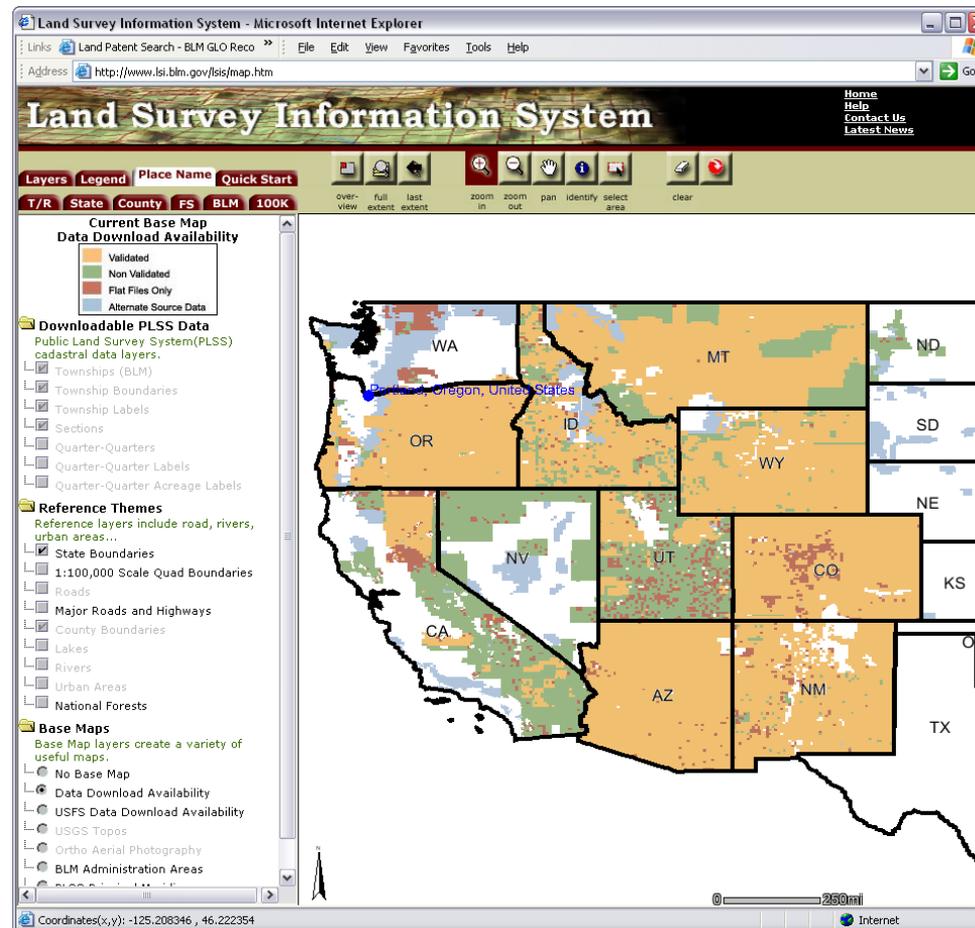
U.S. FOREST SERVICE

This site uses **cookies**.

Local intranet



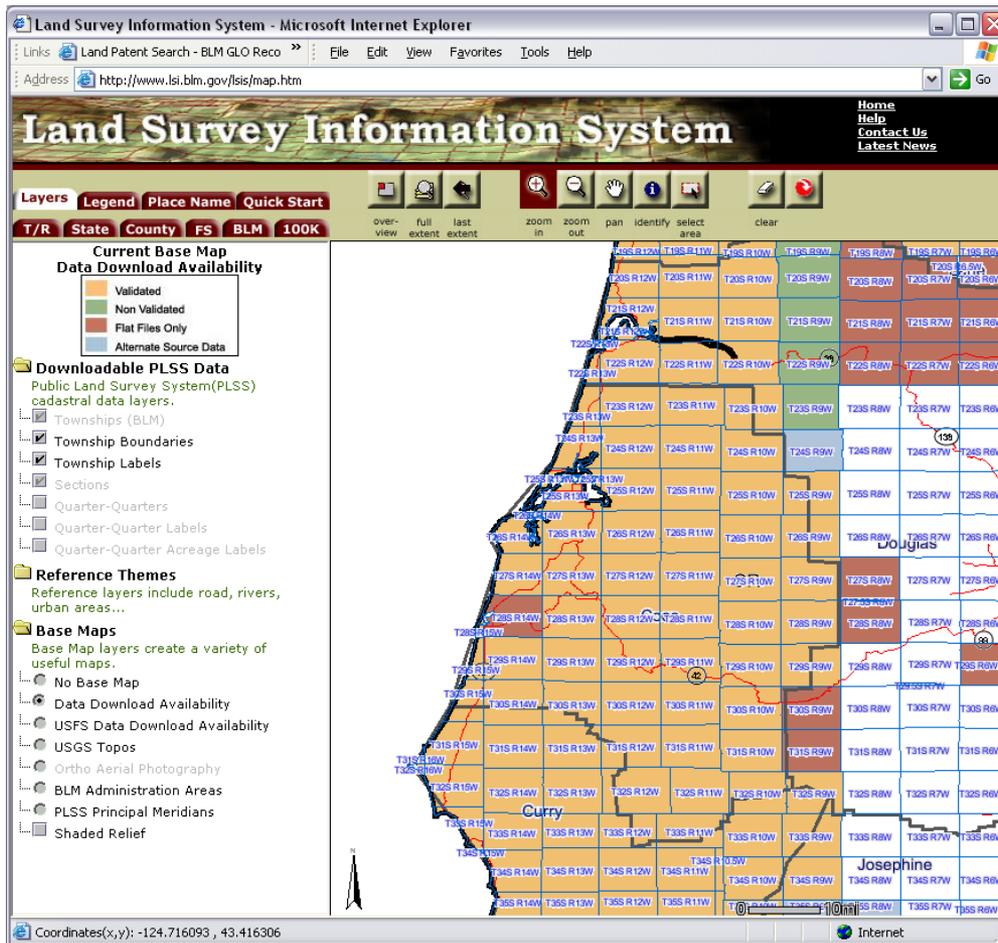
Land Survey Information A Seamless Multi-Purpose Cadastre





Land Survey Information

Survey data delivered in several ways:



Public Land Survey System:

- Township
- Range
- Section
- Aliquot



Land Survey Information

Data viewable from the web interface

This screenshot shows the web interface for the Land Survey Information System. The browser window title is "Land Survey Information System - Microsoft Internet Explorer" and the address bar shows "http://www.lsi.blm.gov/isis/map.htm". The page header includes "Land Survey Information System" and navigation tabs for "Layers", "Legend", "Place Name", and "Quick Start". Below the header is a toolbar with icons for "over-view", "full extent", "last extent", "zoom in", "zoom out", "pan", "identify", "select area", and "clear". A secondary toolbar shows "T/R", "State", "County", "FS", "BLM", and "100K". The main map area displays "Current Base Map Ortho Aerial Photography" with a grid overlay. The grid labels include "T24S R12W" and "T25S R12W". The map shows "Kentuck Creek" and "Willamette Creek". A sidebar on the left contains a "Downloadable PLSS Data" section with checkboxes for "Townships (BLM)", "Township Boundaries", "Township Labels", "Sections", "Quarter-Quarters", "Quarter-Quarter Labels", and "Quarter-Quarter Acreage Labels". Below this is a "Reference Themes" section with checkboxes for "State Boundaries", "1:100,000 Scale Quad Boundaries", "Roads", "Major Roads and Highways", "County Boundaries", "Lakes", "Rivers", "Urban Areas", and "National Forests". At the bottom of the sidebar is a "Base Maps" section with checkboxes for "No Base Map", "Data Download Availability", "USFS Data Download Availability", "USGS Topos", "Ortho Aerial Photography", and "BLM Administration Areas". The status bar at the bottom shows "Coordinates(x,y): -124.124782, 43.45083".

This screenshot shows the web interface for the Land Survey Information System. The browser window title is "Land Survey Information System" and the address bar shows "http://www.lsi.blm.gov/isis/map.htm". The page header includes "Land Survey Information System" and navigation tabs for "Layers", "Legend", "Place Name", and "Quick Start". Below the header is a toolbar with icons for "over-view", "full extent", "last extent", "zoom in", "zoom out", "pan", "identify", "select area", and "clear". A secondary toolbar shows "T/R", "State", "County", "FS", "BLM", and "100K". The main map area displays "Current Base Map USGS Topos" with a grid overlay. The grid labels include "T24S R12W" and "T25S R12W". The map shows "Kentuck Creek" and "Willamette Creek". A sidebar on the left contains a "Downloadable PLSS Data" section with checkboxes for "Townships (BLM)", "Township Boundaries", "Township Labels", "Sections", "Quarter-Quarters", "Quarter-Quarter Labels", and "Quarter-Quarter Acreage Labels". Below this is a "Reference Themes" section with checkboxes for "State Boundaries", "1:100,000 Scale Quad Boundaries", "Roads", "Major Roads and Highways", "County Boundaries", "Lakes", "Rivers", "Urban Areas", and "National Forests". At the bottom of the sidebar is a "Base Maps" section with checkboxes for "No Base Map", "Data Download Availability", "USFS Data Download Availability", "USGS Topos", "Ortho Aerial Photography", and "BLM Administration Areas". The status bar at the bottom shows "Coordinates(x,y): -124.163726, 43.450012".



Land Survey Information

Data delivered as downloadable shape files

Query/Selection Results - Microsoft Internet Explorer

Selected Townships

Custom Selection

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

Total Records: 2		Data Availab Status	
Township	Updated	BLM	USFS And Sour
1 OR 33 T024S R012W	28 Oct 2002	Yes	-
2 OR 33 T025S R012W	28 Oct 2002	Yes	-

Close

FME Download - Microsoft Internet Explorer

Dynamically download all Townships currently displayed on the map. A variety of Data formats and projections are supported by this feature.

NOTE: To download large extents like an entire state, you can use the Query tools (e. State Query) to download pre-packaged zip files. These pre-packaged files are limited to Shapefile format, using Geographic NAD27 coordinate system.

Download Format: ESRI Shape

Coordinates: Lat/Long NAD83

Layers: Townships, Sections, Aliquots

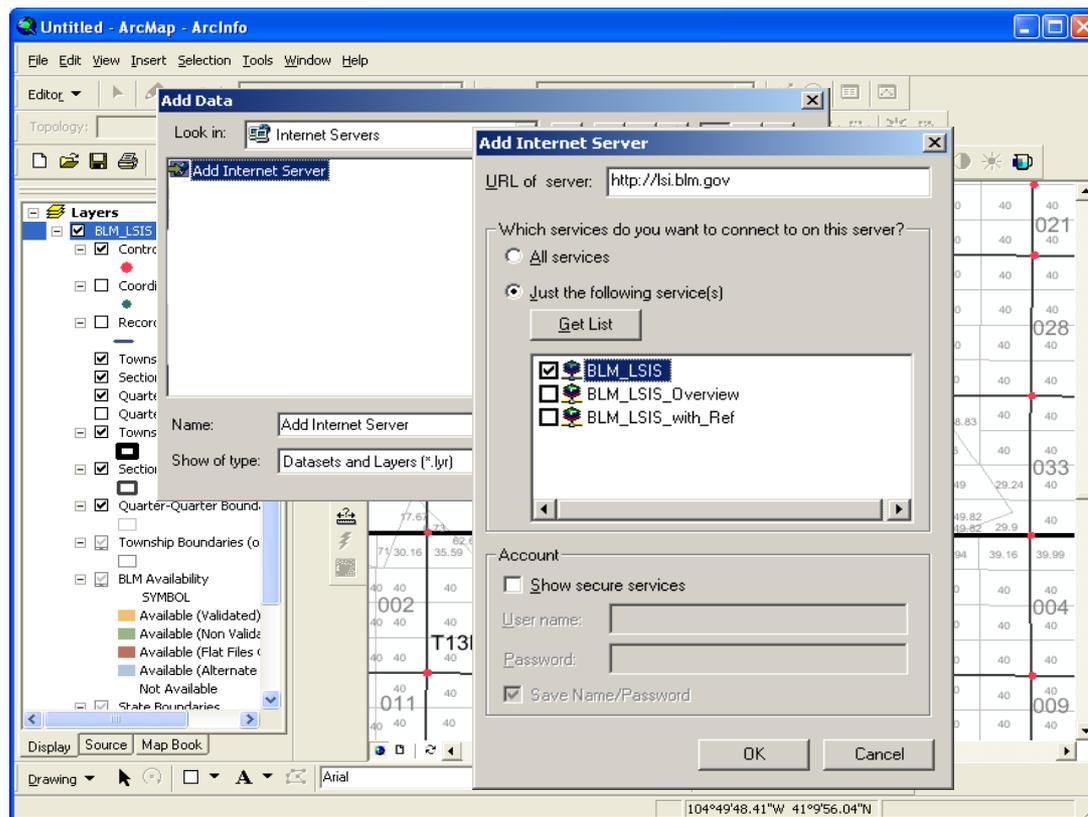
Translate Data

... requests. A notification e-mail will be sent to



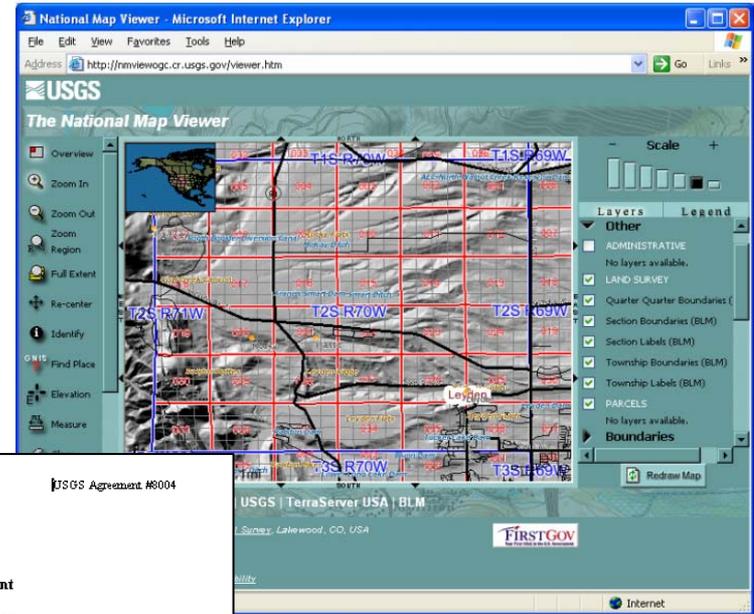
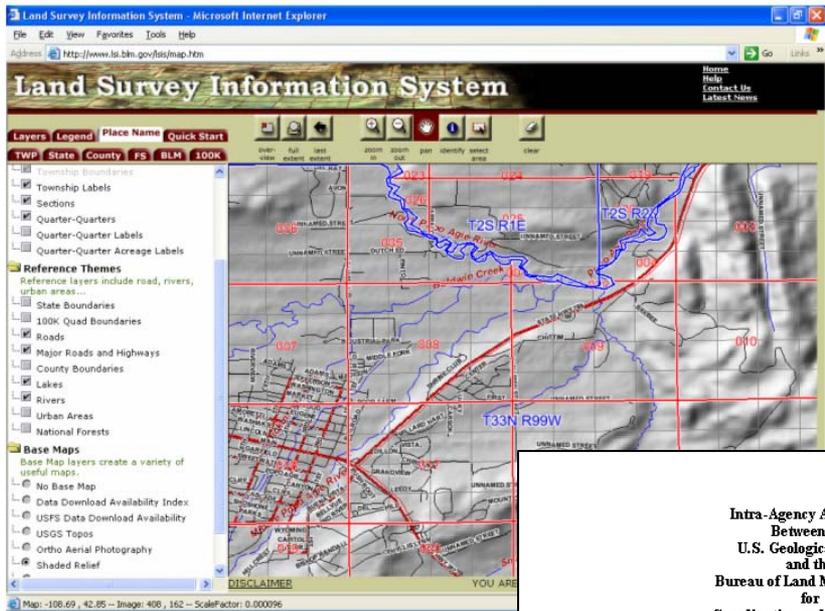
Land Survey Information

Data integrated as map streaming ArcIMS layer





Part of the National Map BLM & USGS sharing data resources



USGS Agreement #8004

**Intra-Agency Agreement
Between the
U.S. Geological Survey
and the
Bureau of Land Management
for
Coordination and Cooperation
Pertaining to *The National Map*
and the
National Integrated Land System**

I. Purpose

The purpose of this agreement is to leverage the U.S. Geological Survey (USGS) and Bureau of Land Management (BLM) investments in geospatial data that are contained in *The National Map* and the National Integrated Land System (NILS). This agreement describes key technical considerations that need to be coordinated in order to maintain a mutually beneficial relationship.



Federal Land Stewardship

GeoCommunicator - Microsoft Internet Explorer

File Edit View Favorites Tools Help

GeoCommunicator
www.geocommunicator.gov

Home
About
Federal Land Stewardship
Land Survey Information
Reference
Search Geodata.gov
Contact Us

GeoCommunicator is a land management and land records community based web site for the distribution of information and data from the National Integrated Land System.

GeoCommunicator provides:

- **Land & Mineral Use Records** providing spatial display of the BLM's land and mineral use authorizations and mining claims.
- **Federal Land Stewardship** for locating, viewing, and contacting federal surface management agencies.
- **Land Survey Information** providing the Public Land Survey System (PLSS) and other survey-based data for downloading or image streaming.
- **Reference** documents and information for the cadastral, land records, and parcel management communities.
- **Link to Geodata.gov** portal for searching, locating, and accessing U.S. maps and data.



GeoCommunicator is an official United States Government web site. GeoCommunicator is provided by the Bureau of Land Management & the U.S. Forest Service. This is a U.S. Government Computer System. Before continuing, please read GeoCommunicator's [Privacy/Security Policy](#). Please use the [Contact Form](#) with any questions relating to accessibility of documents.

U.S. FOREST SERVICE

FIRST GOV
Year First Click to the U.S. Government

U.S. BUREAU OF LAND MANAGEMENT

This site uses [cookies](#) .

Local intranet



Land Manager Viewer

Displays Federal Surface Management Agency

The screenshot shows the 'GeoCommunicator LandManager Contact - Microsoft Internet Explorer' window. The main title is 'Land Manager Viewer'. On the right, there are links for 'HOME', 'CONTACT US', and 'HELP'. Below the title is a 'TEXT SEARCH' field and a toolbar with navigation icons. The central map displays various land management areas in the western United States, including 'Craters of the Moon', 'Gunnison Gorge NCA', 'Grand Staircase-Escalante', 'Vermilion Cliffs', 'Grand Canyon-Parashant', 'Kasha-Katuwe Tent Rocks', 'El Malpais NCA', 'Sonoran Desert', 'Gila Box Riparian NCA', and 'Ironwood Forest'. Major cities like Salt Lake City, Denver, Phoenix, and Santa Fe are also marked. On the left, a 'Layers' panel lists visible elements: U.S. States, Capital Cities, Major Highways, Streams, Major Inland Water Bodies, BLM National Monument, BLM National Conservation Area, Other Federal Lands, BLM Lands, and National Forests. Below the layers is a 'QUICK START' section with four numbered steps: 1. Locate the land you are interested in by using the Navigation tools above. 2. Click on the Identify tool to activate it. 3. Click on the desired land in the map to display the land manager information. 4. Use Text Search for Querying, BLM District, Forest Service Region, Federal Land. At the bottom, there is a 'Done' button and a 'Local intranet' indicator.



Land Browser Interface

Zoom, Pan, Search, and Identify

GeoCommunicator LandManager Contact - Microsoft Internet Explorer

Land Manager Viewer

HOME
CONTACT US
HELP

TEXT SEARCH

Layers

Visible

- U.S. States
- Capital Cities
- Major Highways
- Streams
- Major Inland Water Bodies
- BLM National Monument
- BLM National Conservation Area
- Other Federal Lands
- BLM Lands
- National Forests

QUICK START

1. Locate the land you are interested in by using the Navigation tools above.
2. Click on the Identify tool to activate it.
3. Click on the desired land in the map to display the land manager information.
4. Use Text Search for Querying, Blm District, Forest Service Region, Federal Land.

Map Created by GeoCommunicator

Done

Identify All - Microsoft Internet Explorer

Forest Service Regions 1 features found

ADM	STATE	FS_PHONE	FS_URL	FS_NAME
R4	UT	801-625-5605	http://www.fs.fed.us/r4/	Intermountain

BLM Districts 1 features found

DISTRICT	STATE	PHONE	NAME	URL
FILLMORE	UT	(801) 743-6811	Fillmore Field Office	http://www.ut.blm.gov

National Parks 0 features found

No features found.

National Forests 0 features found

No features found.

Other Federal Lands 1 features found

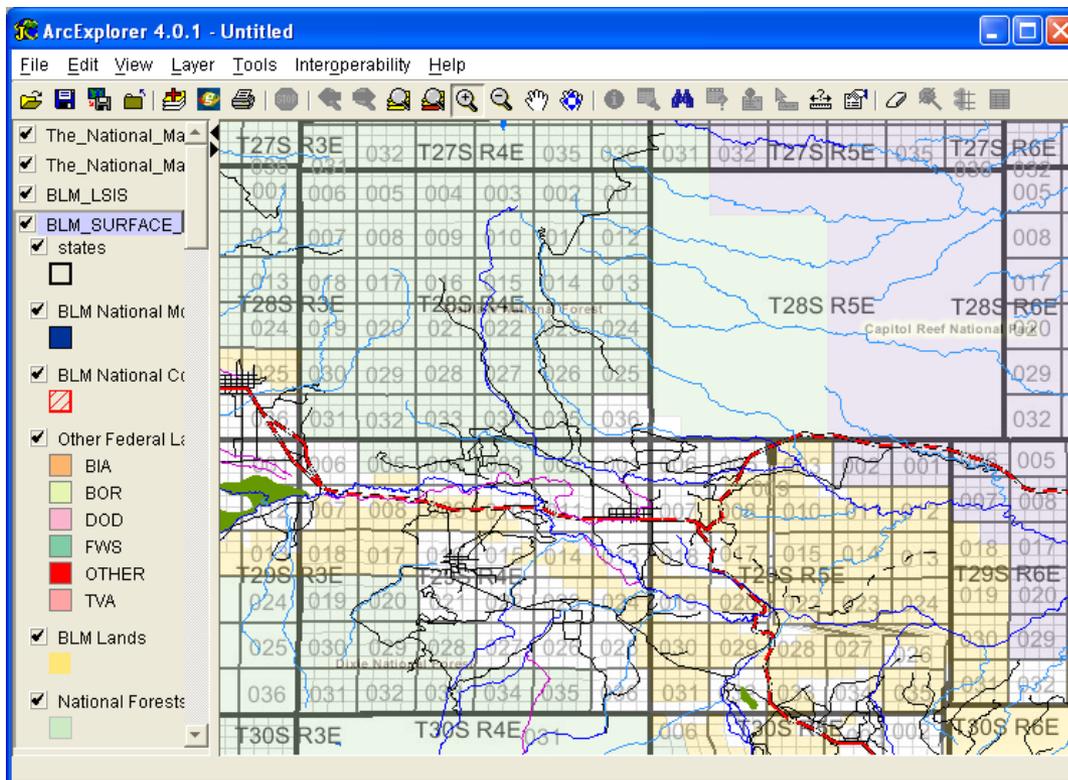
AGENCY	AGENCY_URL	AGENCY_PHO	STATE	DISTRICT	DISTRICT_U	PHONE	FEATURE1
FWS	http://www.fws.gov/	(202) 208-5634	UT				National Wildlife Refuge FWS

Local intranet



Integrate with other data layers through Desktop or Mobile GIS

Add data from the internet with the URL: <http://lsi.blm.gov>





Land & Mineral Use Records

GeoCommunicator - Microsoft Internet Explorer

File Edit View Favorites Tools Help

 **GeoCommunicator**
www.geocommunicator.gov

Home
About
Land & Mineral Use Records
Federal Land Stewardship
Land Survey Information
Reference
Search Geodata.gov
Contact Us

FIRSTGOV
Year First Click to the U.S. Government

 GeoCommunicator is an official United States Government web site. GeoCommunicator is provided by the **Bureau of Land Management** & the **U.S. Forest Service**. This is a U.S. Government Computer System. Before continuing, please read GeoCommunicator's [Privacy/Security Policy](#). Please use the [Contact Form](#) with any questions relating to accessibility of documents.



This site uses **cookies** .

Local intranet

GeoCommunicator is a land management and land records community based web site for the distribution of information and data from the National Integrated Land System.

GeoCommunicator provides:

- **Land & Mineral Use Records** providing spatial display of the BLM's land and mineral use authorizations and mining claims.
- **Federal Land Stewardship** for locating, viewing, and contacting federal surface management agencies.
- **Land Survey Information** providing the Public Land Survey System (PLSS) and other survey-based data for downloading or image streaming.
- **Reference** documents and information for the cadastral, land records, and parcel management communities.
- **Link to Geodata.gov** portal for searching, locating, and accessing U.S. maps and data.





Land & Mineral Use Records Viewer

NLS - Mining Claims - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address <http://niop3web4/NIL5-PARCEL/map.jsp> Go

Land and Mineral Use Records Viewer

Select Map: Mining Claims

Layers Legend Quick Start

- Show Legend Images
- Mining Claims**
 - Labels - Active
 - Labels - Closed
 - Labels - Serial Numbers
 - Mining Claims - Active
 - LODE CLAIM
 - PLACER CLAIM
 - TUNNEL SITE
 - MILLSITE CLAIM
 - Mining Claims - Closed
 - LODE CLAIM
 - PLACER CLAIM
 - TUNNEL SITE
 - MILLSITE CLAIM
- Mining Claims
- PLSS Land Survey**
Public Land Survey System(PLSS) cadastral data layers.
- Base Maps**
Base Map layers create a variety of useful maps.
 - State Boundaries
 - Roads
 - Major Roads and Highways

DISCLAIMER PRIVACY

Coordinates(x,y): -112.224079 , 38.34416 ScaleFactor: 0.001347 Local intranet

Display of
Mining
Claims
Oil & Gas
Leases



Links with Land & Mineral Use Records

Nils - Mining Claims - Microsoft Internet Explorer
Address: <http://niop3web4/NILS-PARCEL/map.jsp>

Land and Mineral Use Records Viewer

Tools: zoom in, zoom out, pan, **Identify**, overview, full extent, last extent, clear, print, pdf

Identify Parcels - Microsoft Internet Explorer

Mining Claims 20 features found

Zoom	Select Reports	Case ID	Serial #	Claim Name	Type	Disposition	Date of Recordation	Date of Location	Commodity
zoom	<input type="checkbox"/>	LR2000 SRP	3239638	UMC200910 PLACID NO. 1	Placer	Closed	11/8/1979	09/20/1979	
zoom	<input type="checkbox"/>	LR2000 SRP	3479130	UMC200912 PLACID NO. 3	Placer	Closed	11/8/1979	09/20/1979	
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							
zoom	<input type="checkbox"/>	LR2000 SRP							

Serial Register Page

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MINING CLAIMS
(LIVE) Serial Register Page

RunDate/Time: 07/08/04 03:03 PM Page 1 of 1

01 05-10-1872-017STAT0091:30USC26,28,34 **Serial Number**
UMC200918

Case Type 384101: LODE CLAIM

Claim Name: PLACID NO. 9

Commodity :

Case Disposition: CLOSED

Name & Address	Int Rel	% Intere
HANSEN SPENST M 130 ELM AVE REXBURG, ID 83440	OWNER	100.000000

Mer Twp	Rng	Sec	Quadrant	District/Resour	County
26	0270S	0080W	012 NW	CEDAR CITY FIELD OFFICE	BEAVER

Act Date	Code	Act:	Action Remarks	Receipt Number
09/20/1979	403	LOCATION DATE		
11/08/1979	395	RECORDATION NOTICE RECD		
09/22/1981	480	EVID OF ASSMT FILED	1981	
08/14/1995	885	CASE DESTROYED		
05/15/1988	631	ABANDONMENT CLAIM VOID	LOCKE	
11/08/1979	500	MAP IN LEAD FILE	UMC200909	
11/08/1979	501	ACCT ADV IN LEAD FILE	UMC200909	
10/19/1979	404	COUNTY RECORDATION	136647:159:254	

Coordinates(x,y): -112.618079 , 38.523747 ScaleFactor: 0.000353



Allows Searching by Record Info

Land and Mineral Use Records Viewer

Address: http://niop3web4/NILS-PARCEL/map.jsp

Minin
Lab
Lab
Lab
Min
Min
Min
PLSS
Public L
cadasta
Base
Base M
useful
Sta
P...

Coordinates(x,y): -112.618079 , 38.523747 ScaleFactor: 0.000353

MINING CLAIM SEARCH

Claim Name: LADY Date of Location: (YYYY-MM-DD)
Case ID: Start Date: 1986-06-10
Serial #: End Date: 1987-06-10
Dispositon: Date of Recordation: (YYYY-MM-DD)
Type: Start Date: End Date:

Search Clear

claim_name LIKE 'LADY%' and date_of_location BETWEEN (ts '1986-06-10') and (ts '1987-06-10') Number of features found: 6

Zoom	Select	Reports	Case ID	Serial#	Claim Name	Type
zoom	<input type="checkbox"/>	LR2000 SRP	56966	ORMC91129	LADY SLIPPER 2	Placer
zoom	<input type="checkbox"/>	LR2000 SRP	718899	ORMC91128	LADY SLIPPER 1	Placer
zoom	<input type="checkbox"/>	LR2000 SRP	593471	IMC120445	LADY GAMBLER	Load
zoom	<input type="checkbox"/>	LR2000 SRP	5041805	CAMC186845	LADY FRACTION	Load
zoom	<input type="checkbox"/>	LR2000 SRP	4309214	CAMC189271	LADY DI	Placer
zoom	<input type="checkbox"/>	LR2000 SRP	2954164	AMC269302	LADY BUG	Load

Local intranet



Bi-directional Link with Land & Mineral Use Record System



Spatial System

Land and Mineral Use Records Viewer

Coordinates(x,y): -112.618079, 38.523747 ScaleFactor: 0.000353

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MINING CLAIMS
(MASS) Serial Register Page

RunDate/Time: 09/17/04 09:00 AM Page: 1 of 1

01 05-10-1872017STAT009130USC26,26,34 Serial Number
Case Type 38410: LOSE CLAIM CMC112141
Commodity:
Claim Name: SPIKE
Case Disposition: CLOSED

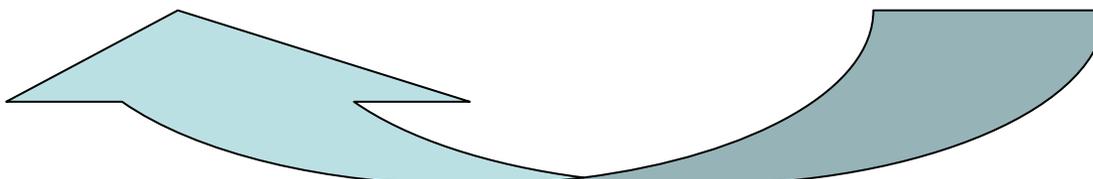
Name & Address	Int. No.	% Interest
MOUNT EMMONS MNG CO PO BOX 579	CRESTED BUTTE, CO 81.0RKR	*****

Mer. Typ	Rec	Sec	Subdiv
06	01305	08600	NW

Act. Dat	Code	Action	Text	Action	Remark	Receipt Num
07/05/197	403	LOCATION DATE				
09/20/197	395	RECORDATION NOTICE RECD				
10/14/199	480	FYFD OF ASSENT FILED		1992		
07/17/1991	163	CASE SENT TO VABA			DEN/049-95-0096:	
08/21/199	631	ABANDONMENT CLAIM VOID				
12/06/199	170	ADDRESS CHANGE FILED			MOUNT EMMONS MNG CO	
12/17/199	170	ADDRESS CHANGE FILED			MOUNT EMMONS MINING	
09/20/197	501	ACT. MAP IN LEAD FILE			112115-112141	

Line Nr Remarks

Text-based System





Integration with other Land Record Systems

Identify Results

Layers: or_case_shape

Location: (-124.101300 42.859705)

Field	Value
FID	50749
Shape	Polygon
serial_nr	ORRAA 037310
case_group	27
case_type	272002
case_part	00
stored_acr	160
CASE_DESC	Sales
hyperlink	http://www.lsi.blm.gov/glotest6.htm?ORRAA%20%20037310

Land Patent Details - BLM GLO Records - Microsoft Internet Explorer

Address: <http://www.glorerecords.blm.gov/PatentSearch/Detail.asp?Accession=110650&DetailTab=1>

Bureau of Land Management - General Land Office Records

Land Patent Details

Home > Land Patent Search > Land Patent Details

Accession/Serial #: 110650 BLM Serial #: ORRAA 037310

Patent Description | Legal Land Description | Document Image | Certified Copy

Names		Survey	
Patente:	LOUIS A ROBERTS	State:	OREGON
		Acres:	160
		Metes Bounds:	No

Title Transfer		Document Numbers	
Issue Date:	2/11/1910	Document Nr.:	13717
Land Office:	Roseburg	Accession/Serial Nr.:	110650
Cancelled:	No	BLM Serial Nr.:	ORRAA 037310
U.S. Reservations:	Yes		
Mineral Reservations:	No		
Authority:	April 24, 1820: Sale-Cash Entry (3 Stat. 566)		

RECORD OF PATENTS.
-807-4-8-
PATENT NUMBER 110650

The United States of America,

Do all to whom these presents shall come, Greeting:

Certificate No. 13717.

WHEREAS, LOUIS A. ROBERTS of the State of Oregon, the Register of the Land Office at Roseburg, Oregon, hereby appears that full payment has been made by the said Louis A. Roberts

according to the provisions of the Act of Congress of the 8th of April, 1820, entitled "An Act making further provision for the sale of the Public Lands," and the acts supplemental thereto; for the north half of the northwest quarter and the north half of the northeast quarter of Section Twenty-six in Township Thirty-one north of Range twelve west of the Willamette Meridian, Oregon, containing one hundred sixty acres,

according to the Official Plat of the Survey of the said lands, returned to the GENERAL LAND OFFICE by the Surveyor General, which said tract has been purchased by the said Louis A. Roberts:

NOW KNOW YE, that the UNITED STATES OF AMERICA, in consideration of the premises, and in conformity with the several Acts of Congress in such case made and provided, HAVE GIVEN AND GRANTED, and by these presents DO GIVE AND GRANT, unto the said Louis A. Roberts

and to his heirs, the said tract above described; TO HAVE AND TO HOLD the same, together with all the rights, privileges, immunities, and appurtenances, of whatsoever nature, thereto in anywise belonging, unto the said Louis A. Roberts

and to his heirs and assigns forever; subject to any vested and accrued water rights for mining, agricultural, manufacturing, or other purposes, and rights to ditches and reservoirs used in connection with such water rights, as may be recognized and acknowledged by the local custom, laws, and decisions of courts, and also subject to the rights of the proprietor of a mill or dam to obstruct and reserve site area therefrom, should the same be found to be a public or private one; and the premises hereby granted, as provided by law and there is reserved from the lands hereby granted, a right of way hereon for ditches or canals constructed by the authority of the United States.

IN TESTIMONY WHEREOF, I, William M. Taft, President of the United States of America, have caused these letters to be made Patent, and the seal of the General Land Office to be hereunto affixed.

GIVEN under my hand, at the City of Washington, the _____ day of _____, 1870, in the year of our Lord one thousand nine hundred and _____, and of the Independence of the United States the one hundred and THIRTY FIRST.

By the President: *Wm. Taft*
Secretary: *Miss James*
Secretary of the Interior

Hyperlink from ArcMap Identify...



Sitemapper

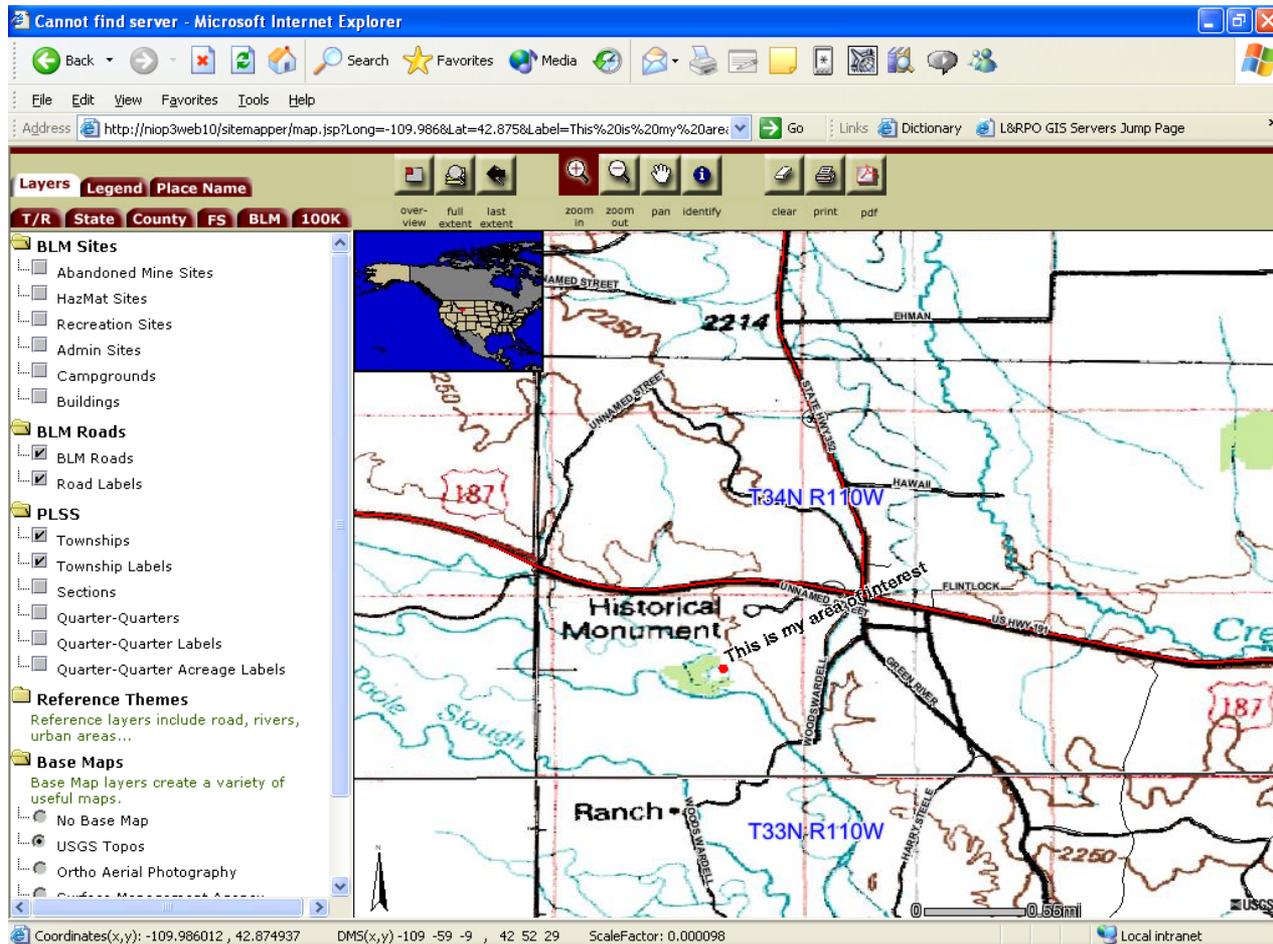
- Allows you to pass a geographic coordinate and display the location with BLM standard spatial data themes.

<http://www.geocommunicator.gov/NILS-PARCEL/map.jsp?>

[Long=-109.986&Lat=42.875](http://www.geocommunicator.gov/NILS-PARCEL/map.jsp?Long=-109.986&Lat=42.875)

[&Label=This%20is%20my%20area%20of%20interest](http://www.geocommunicator.gov/NILS-PARCEL/map.jsp?Long=-109.986&Lat=42.875&Label=This%20is%20my%20area%20of%20interest)

Direct Spatial Query for 42.875N 109.986W





To Find More Map Streaming Services...

GeoCommunicator - Microsoft Internet Explorer

File Edit View Favorites Tools Help

GeoCommunicator
www.geocommunicator.gov

Home
About
Land & Mineral Use Records
Federal Land Stewardship
Land Survey Information
Reference
Search Geodata.gov
Contact Us

GeoCommunicator is a land management and land records community based web site for the distribution of information and data from the National Integrated Land System.

GeoCommunicator provides:

- **Land & Mineral Use Records** providing spatial display of the BLM's land and mineral use authorizations and mining claims.
- **Federal Land Stewardship** for locating, viewing, and contacting federal surface management agencies.
- **Land Survey Information** providing the Public Land Survey System (PLSS) and other survey-based data for downloading or image streaming.
- **Reference** documents and information for the cadastral, land records, and parcel management communities.
- **Link to Geodata.gov** portal for searching, locating, and accessing U.S. maps and data.



GeoCommunicator is an official United States Government web site. GeoCommunicator is provided by the **Bureau of Land Management** & the **U.S. Forest Service**. This is a U.S. Government Computer System. Before continuing, please read GeoCommunicator's **Privacy/Security Policy**. Please use the **Contact Form** with any questions relating to accessibility of documents.

FIRST GOV
The First Click to the U.S. Government

U.S. FOREST SERVICE

This site uses **cookies**.

Local intranet

Search:

<http://www.geodata.gov>

E-government Portal for Geospatial Data

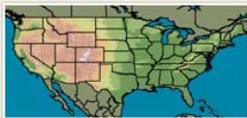
geodata.gov - Microsoft Internet Explorer

Address <http://www.geodata.gov/gos>

geodata.gov your one stop for federal, state & local geographic data

Make a Map

Launch:
[The National Map](#)



Search for Data

Search all the data in this site

About This Site

How to find the maps & data you need and how to publish your data here.
[GOS Partnerships](#)

Help

[Quick Start Guide](#)
[How Do I Publish Data Collection Activities](#)
[Contact Us](#)

The geodata.gov Marketplace

[Find out about the latest geographic data sharing and acquisition initiatives.](#)

Information Center

[Standards, tools, and resources.](#)

Publish Data

[Login](#)

Geodata.gov is part of the [Geospatial One-Stop E-Gov initiative](#) providing access to geospatial data and information. For help use the [Quick Start Guide](#).

To find geospatial data that meets your specific criteria:
Select "Search all data in this site", in left column,
-- OR --
For quick access to featured geospatial resources by subject:
Click on one of the Categories or Sub-Categories below.
Click '+' sign to see sub-categories.

Featured channel: [Lewis & Clark Bicentennial Commemoration](#)

Data Categories

- [Administrative and Political Boundaries](#)
- [Agriculture and Farming](#)
- [Atmosphere and Climatic](#)
- [Biology and Ecology](#)
- [Business and Economic](#)
- [Cadastral](#)
- + [Cultural, Society, and Demographic](#)
- + [Elevation and Derived Products](#)
- + [Environment and Conservation](#)
- [Geological and Geophysical](#)
- [Human Health and Disease](#)
- [Imagery and Base Maps](#)
- + [Inland Water Resources](#)
- [Locations and Geodetic Networks](#)
- [Oceans and Estuaries](#)
- [Transportation Networks](#)
- [Utilities and Communication](#)

Internet

Point browser to <http://www.geodata.gov> and select the “Cadastral” data category.

Find
BLM's
Map
Streaming
Services

The screenshot shows the geodata.gov website in a Microsoft Internet Explorer browser window. The browser title is "geodata.gov - Microsoft Internet Explorer". The address bar contains "http://www.geodata.gov/gos". The page features the geodata.gov logo and tagline "your one stop for federal, state & local geographic data". A navigation menu on the left includes sections for "Make a Map", "Search for Data", "About This Site", "Help", "The geodata.gov Marketplace", and "Information Center". The "Make a Map" section includes a "Launch:" button and a map of the United States. The "Search for Data" section has a search bar. The "About This Site" section provides information on finding maps and data. The "Help" section lists links for "Quick Start Guide", "How Do I Publish Data Collection Activities", and "Contact Us". The "The geodata.gov Marketplace" section mentions "Find out about the latest geographic data sharing and acquisition initiatives." The "Information Center" section is also present. On the right side of the page, there is a "Featured channel: Lewis & Clark Bicentennial Commemoration" and a "Data Categories" section. The "Data Categories" list includes: "Administrative and Political Boundaries", "Agriculture and Farming", "Atmosphere and Climatic", "Biology and Ecology", "Business and Economic", "Cadastral", "Cultural, Society, and Demographic", "Elevation and Derived Products", "Environment and Conservation", "Geological and Geophysical", "Human Health and Disease", "Imagery and Base Maps", "Inland Water Resources", "Locations and Geodetic Networks", and "Oceans and Estuaries". The "Cadastral" category is circled in red.

From the Cadastral data listing, locate the “Land Survey Information System Map Service” and click on the “VIEW MAP” button.

The screenshot shows the geodata.gov website in Microsoft Internet Explorer. The browser window title is "geodata.gov - Microsoft Internet Explorer". The address bar shows "http://www.geodata.gov/gos". The page content includes a navigation menu with "Home", "Search", "About This Site", "The geodata.gov Marketplace", "Information Center", and "Map Viewer". The main heading is "Cadastral" with a dropdown menu set to "Cadastral". A left sidebar contains a "Primary Data" section with links to "Other Resources", "About this Category", and "Help". Below this is a "Search for more primary data like this:" section with links for "Any level", "Federal", "State", "County", "Local", "Tribal", "Commercial", "Organization", and "University". The main content area has an "Introduction" section, followed by a "Primary Data & Maps" section. Under "Primary Data & Maps", the "Land Survey Information System Map Service" is listed. It includes a "Content Summary", "Content Purpose", "Publisher: Bureau of Land Management", "Rating: Primary", and "Content Type: Live data & maps (Map Service)". A red circle highlights the "VIEW MAP" button. Below this are "VIEW DETAILS" and "GO TO WEBSITE" buttons. Further down, there is a section for "Links to state county and city parcel information" with its own "Content Summary", "Content Purpose", "Publisher: Southwest Data Services", "Rating: Secondary", and "Content Type: Clearinghouse". At the bottom of this section are "VIEW DETAILS" and "GO TO WEBSITE" buttons. The browser's status bar at the bottom shows "Internet".

Search for additional layers to add...

geodata.gov Map Viewer - Microsoft Internet Explorer

geodata.gov MAP VIEWER Home | Search | Help | How To Add Data

BLM_L SIS
State Boundaries

REFRESH MAP LEGEND

0 400mi 0 844km

Search for "Federal Land"...

geodata.gov - Search - Microsoft Internet Explorer

Address: http://www.geodata.gov/gos

geodata.gov Home | Search | About This Site | The geodata.gov Marketplace | Information Center | Map Viewer

Search

Where?	What?	When?
<input checked="" type="radio"/> Anywhere Or <input type="button" value="FIND A PLACE..."/> Or locate your area here <input type="button" value="Map"/> <input type="button" value="Zoom"/> <input type="button" value="Hand"/> <input type="checkbox"/> Data must fall completely inside area <input type="button" value="LAUNCH MAP VIEWER TO DRAW BOX >"/> <input type="button" value="GET BOX ALREADY DRAWN ON VIEWER"/>	Keywords: <input type="text" value="Federal Land"/> Match: <input checked="" type="radio"/> Exact phrase <input type="radio"/> Any word <input type="radio"/> All words Data Category: <input type="text" value="Any"/> Rating: <input type="text" value="Any"/> Provider Level: <input type="text" value="Any"/> Scale/Coverage: <input type="text" value="Any"/> Type/Format: <input type="text" value="Any"/>	<input checked="" type="radio"/> Anytime <input type="radio"/> Data for time period (yyyymmdd) From: <input type="text"/> To: <input type="text"/> <input type="radio"/> Data updated recently (yyyymmdd) After: <input type="text"/>

Sort results by:

Locate “Surface management Agency” and click on “VIEW MAP”

The screenshot shows a Microsoft Internet Explorer browser window displaying the geodata.gov search results page. The address bar shows the URL http://www.geodata.gov/gos. The page title is "geodata.gov - Search Results". The search results section shows "Records Found: 21" and search criteria: "Where: Anywhere", "What: Match exact phrase = Federal Land", and "When: Anytime". The results are paginated, showing "Currently displaying records 1 - 10 of 21" and "Pages 1 2 3 next >>".

Two search results are visible:

- Content Title:** BLM GeoCommunicator Land Manager
Publisher: Bureau of Land Management
Rating: Primary
Provider Level: Federal
Coverage Area: Continental United States and Alaska
Content Type: Live data & maps (Map Service)
Buttons: VIEW MAP, VIEW DETAILS, GO TO WEBSITE >
- Content Title:** Surface Management Agency
Publisher: BLM
Rating: Primary
Provider Level: Federal
Coverage Area: US
Content Type: Live data & maps (Map Service)
Buttons: VIEW MAP, VIEW DETAILS, GO TO WEBSITE >

The "VIEW MAP" button for the "Surface Management Agency" result is circled in red.

Make the new layer visible then zoom in for a closer look using the Zoom In tool.

The screenshot displays the geodata.gov Map Viewer interface within a Microsoft Internet Explorer browser window. The browser title bar reads "geodata.gov Map Viewer - Microsoft Internet Explorer". The page header includes the geodata.gov logo and the text "MAP VIEWER", along with navigation links for "Home", "Search", "Help", and "How To Add Data".

The interface features a toolbar with various navigation and map control tools. The "Zoom In" tool, represented by a magnifying glass with a plus sign, is circled in red. The layer list on the left side of the map shows several layers, with "BLM_SURFACE_MGT_AGY" circled in red. This layer is expanded to show sub-layers: "states", "Other Federal Lands", "BLM Lands", "National Forests", and "National Parks". Below this, the "BLM_LSYS" layer is also expanded to show "State Boundaries".

The main map area displays a map of the United States, including Alaska and Hawaii. A red rectangular box highlights the Pacific Northwest region of the contiguous United States. At the bottom of the interface, there are buttons for "REFRESH MAP" and "LEGEND", and a scale bar showing 0, 400mi, and 0, 844km.

As you zoom further in, increasing levels of detail emerge.

The image displays four sequential screenshots of the geodata.gov Map Viewer, illustrating how detail increases as the user zooms in. Each window shows a different level of geographic data:

- Top Left:** Shows a map of Washington state with a grid overlay. The legend includes BLM_SURFACE_MGT_AGY (states, Other Federal Lands, BLM Lands, National Forests, National Parks, BLM Districts, Forest Service Regions) and BLM_LISIS (Township Boundaries overview).
- Top Right:** Shows a zoomed-in view of Oregon, highlighting national forests like Willamette, Deschutes, and Umpqua, and Crater Lake National Park. The legend is similar to the first window.
- Bottom Left:** Shows a detailed view of a township grid. The legend includes BLM_SURFACE_MGT_AGY and BLM_LISIS (Control Points, Coordinates, Record Boundary Lines, Township Labels, Section Labels, Township Boundaries, Section Boundaries, Quarter-Quarter Boundaries).
- Bottom Right:** Shows the most detailed view, with individual sections and quarter-quarters labeled (e.g., T32S R1E, T33S R1E, T34S R1E). The legend is the same as the bottom-left window.

Additional layers can be added through the “Add Services” button.

The screenshot displays the geodata.gov Map Viewer interface in Microsoft Internet Explorer. The main window shows a map with a grid overlay and a pink shaded area labeled "Lost Creek Lake". The toolbar includes a red circle around the "Add Services" button (a green plus sign). Two dialog boxes are open:

- geodata.gov Map Viewer - Add Serv...:** This dialog box has a title bar with "geodata.gov MAP VIEWER" and "ADD SERVICES". It contains a dropdown menu for "Look In geodata.gov Internet Server List:" with "USGS - The National Map" selected. Below it is a dropdown for "Or Server URLs In Current Map:" with "Server URLs In Current Map" selected. The "Map Server URL:" field is circled in red and contains the text "http://seamless.usgs.gov". There is also an "Account" section with a checkbox for "Show restricted services". Buttons for "OK", "CLOSE", and "HELP" are at the bottom.
- geodata.gov Map Viewer - Services ...:** This dialog box also has a title bar with "geodata.gov MAP VIEWER" and "ADD SERVICES". It prompts the user to "Select service(s) to add. Press Shift or Ctrl to select multiple services." A list of services is shown, with "The National Map" selected. Other services include Pugetsound, SFMFlooding, SFMMadFlooding, SFWMD_Hydro, SiouxFalls, Tampa_Main, The_National_Map_Boundary, The_National_Map_Elevation, The_National_Map_Hydrography, The_National_Map_Land_Cover, and The_National_Map_Names. Buttons for "BACK", "ADD", and "CLOSE" are at the bottom.

The background map shows a grid with labels like "033", "034", "035", "036", "031", "032", "033", "034", "035", "036", "031", "003", "002", "001", "006", "010", "011", "012", "007", "015", "014", "013", "018", "022", "023", "024", "019", "027", "026", "025", "030", "034", "035", "036", "031", "003", "002", "001", "006". A scale bar at the bottom right indicates 0, 0.48mi, 0, 0.77km.

Check the visibility boxes of added layers and click the “REFRESH MAP” button.

The screenshot shows the geodata.gov Map Viewer interface. The title bar reads "geodata.gov Map Viewer - Microsoft Internet Explorer". The main header includes the geodata.gov logo, "MAP VIEWER", and navigation links: "Home | Search | Help | How To Add Data".

The interface is divided into three main sections:

- Left Panel (Layers List):** A list of layers with checkboxes. The "The_National_Map" layer is selected and circled in red. Below it, several sub-layers are listed, including "Geographic Names (text)", "Geographic Names 100K", "Hi-Res Ortho Index", "County Labels", "Counties 100K", "State Labels", "States 100K", "Roads BTS", "Stream Names", "Stream Network", "Waterbody Names", "Waterbodies", "LANDSAT7", "National Land Cover Dataset", "National Land Cover Dataset (transparent)", and "National Elevation Dataset". At the bottom of this panel, the "REFRESH MAP" button is circled in red, along with a "LEGEND" button.
- Top Panel (Tools):** A toolbar containing various icons for map navigation and interaction, such as zoom in/out, pan, and layer management.
- Right Panel (Map):** A topographic map showing terrain, water bodies, and a grid. A pink shaded area is visible on the map, likely representing a selected region or a specific data layer.



GeoCommunicator

www.geocommunicator.gov

GeoCommunicator - Microsoft Internet Explorer

File Edit View Favorites Tools Help

GeoCommunicator
www.geocommunicator.gov

Home
About
Land & Mineral Use Records
Federal Land Stewardship
Land Survey Information
Reference
Search Geodata.gov
Contact Us

GeoCommunicator is a land management and land records community based web site for the distribution of information and data from the National Integrated Land System.

GeoCommunicator provides:

- **Land & Mineral Use Records** providing spatial display of the BLM's land and mineral use authorizations and mining claims.
- **Federal Land Stewardship** for locating, viewing, and contacting federal surface management agencies.
- **Land Survey Information** providing the Public Land Survey System (PLSS) and other survey-based data for downloading or image streaming.
- **Reference** documents and information for the cadastral, land records, and parcel management communities.
- **Link to Geodata.gov** portal for searching, locating, and accessing U.S. maps and data.

GeoCommunicator is an official United States Government web site. GeoCommunicator is provided by the **Bureau of Land Management** & the **U.S. Forest Service**. This is a U.S. Government Computer System. Before continuing, please read GeoCommunicator's **Privacy/Security Policy**. Please use the **Contact Form** with any questions relating to accessibility of documents.

This site uses **cookies** .

Local intranet

www.geocommunicator.gov



Questions?

- Contact:

John Reitsma

GIS Coordinator

BLM Land & Resources Project Office

(303) 236-1984

jreitsma@blm.gov