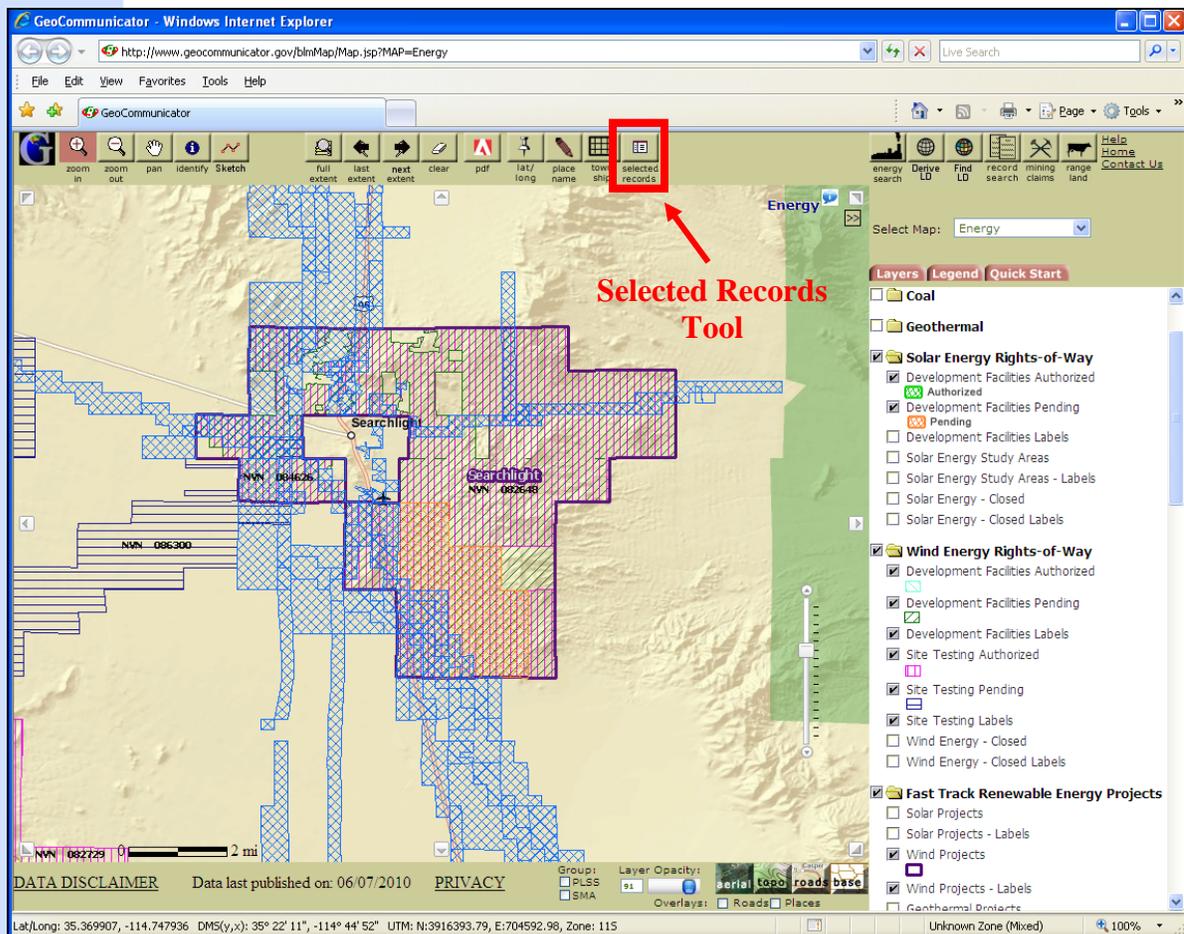


Tips and Tricks:

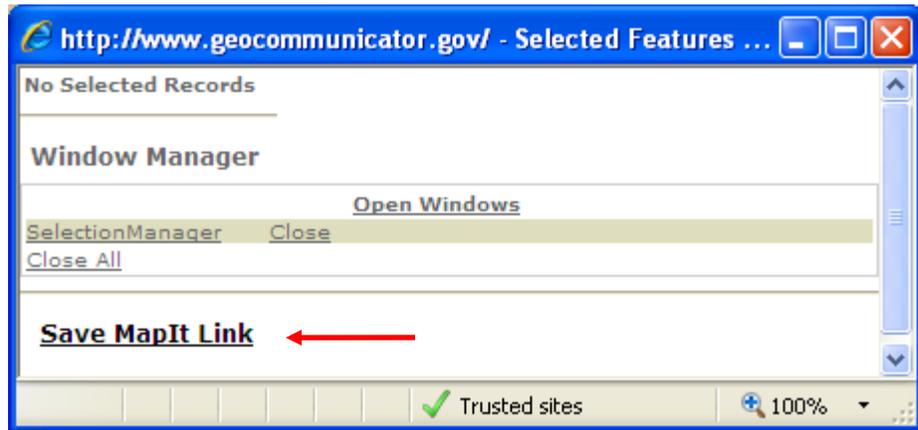
- 1- Create a URL of Your Map with the map zoomed into your area of interest with the map layers you want turned on.
- 2- Link your Application to GeoCommunicator's Identify Window to get information

Want to create a link to GeoCommunicator's map zoomed into an area or parcel with specific layers turned on? By using the **"Selected Records"** tool on GeoCommunicator's Interactive map you can create an email link. The procedure below gives a detailed explanation on creating the link.

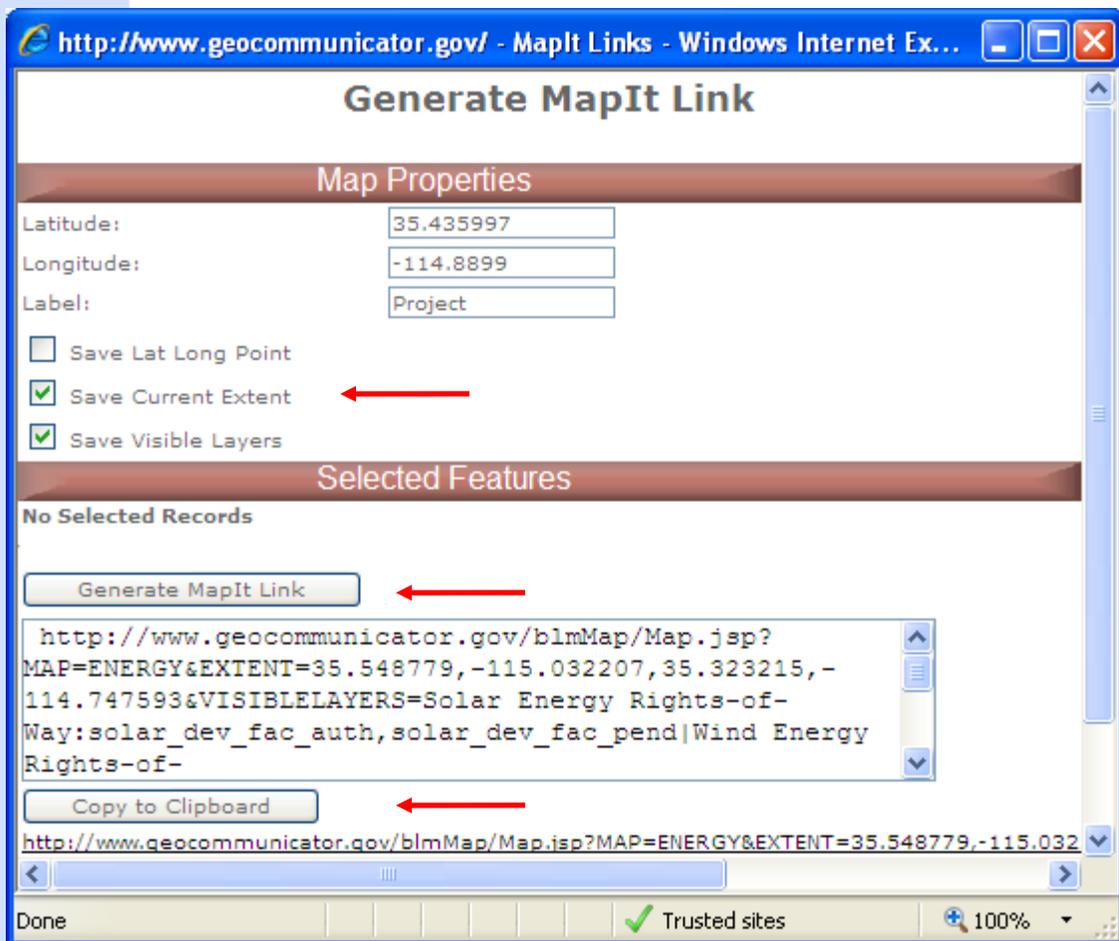
1. Connect to one of GeoCommunicator interactive maps, for this example we are using the Energy Map: <http://www.geocommunicator.gov/blmMap/Map.jsp?MAP=Energy>.
2. Create the map you would like to share including any map layers that you want selected on. If you want a parcel highlighted on the map use the Identify to highlight the parcel on the map.
3. Below is a map showing the Searchlight Wind Energy Project south of Las Vegas, NV. The map shows the boundary of the project area with the wind site testing and development areas, solar development facilities (pending) and BLM granted power lines in the area. The map layers turned on are: Solar Energy, Wind Energy, Powerline Rights-of-Ways, Section 368 Energy Corridors, and Fast Track Wind Energy Projects. I have turned off the PLSS map layers that are normally defaulted on.



- Click the **"Selected Records"** Tool to bring up the Interface. Click **"Save MapIt Link"** and a **"Generate MapIt Link"** interface opens up.



- Click **"Save Current Extent"** to save the zoom level of the map and **"Save Visible Layers"** to save the current map layers you have turned on. Click **"Generate MapIt Link"** to create the link. The link will be created at the bottom of the window. Click **"Copy to Clipboard"** or Copy the entire link and paste it into your browser window to bring up the map.



Using Lat/Long with GeoCommunicator to bring up the Identify tool

GeoCommunicator allows users to use the **Identify** in NILS' GeoCommunicator by passing latitude and longitude values. This function allows others to add the GeoCommunicator Identifier to their own application. The Identify Tool will give you the land description of the selected area and information about the authorizations on the land, as well as links to LR2000 reports. The Search and Zoom features will not work in your application. The procedure below gives a detailed explanation on how to bring up the GeoCommunicator Identify window by passing latitude and longitude coordinates.

1. Connect to GeoCommunicator identify tool at: <http://www.geocommunicator.gov/blmMap/identify.jsp>
2. Add the minimum latitude value by adding **?iXmin=Coordinate** after identify.jsp on the hyperlink.
3. Add the minimum longitude value by adding **?iYmin=Coordinate** after the min latitude coordinate.
4. Add the maximum latitude value by adding **?iXmax=Coordinate** after the min longitude coordinate.
5. Add the maximum longitude value by adding **?iYmax=Coordinate** after the max latitude coordinate.
6. Hit enter to search NILS for reports in the coordinates specified.

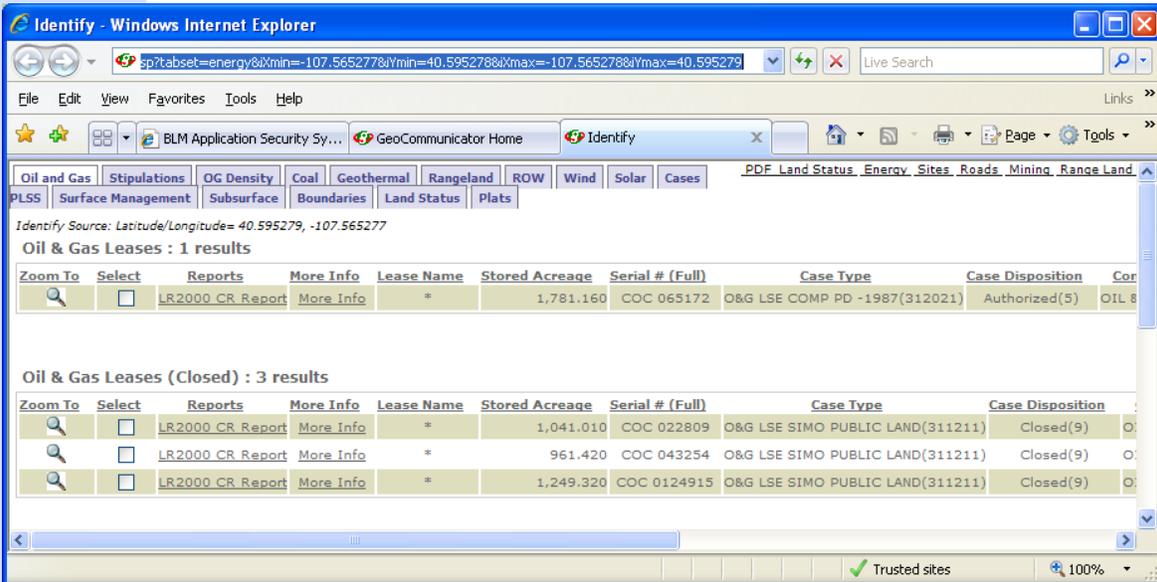
Maximum and minimum values cannot be equal because the minimum bounding rectangle cannot equal a single point. To avoid having the maximum and minimum term be considered equal add one more decimal place to either term.

Example: If minimum latitude is -107.56551, max latitude is -107.56554, min longitude is 40.59551 and the max longitude is 40.59554 then:

<http://www.geocommunicator.gov/blmMap/identify.jsp?tabset=energy&iXmin=-107.565277&iYmin=40.595278&iXmax=-107.565278&iYmax=40.595279>

Note: To convert coordinates from Universal Transverse Mercator (UTM) to latitude and longitude use NILS GeoCommunicator Lat/Long Search tool and display for conversion.

The Identify window provides the oil and gas leases with links to the serial register page, land description (PLSS tab), surface management agency (Surface management tab) and much more.



The screenshot shows the 'Identify' tool interface in a Windows Internet Explorer browser. The address bar contains the URL: <http://www.geocommunicator.gov/blmMap/identify.jsp?tabset=energy&iXmin=-107.565277&iYmin=40.595278&iXmax=-107.565278&iYmax=40.595279>. The interface displays a navigation menu with tabs for 'Oil and Gas', 'Stipulations', 'OG Density', 'Coal', 'Geothermal', 'Rangeland', 'ROW', 'Wind', 'Solar', 'Cases', 'PDF Land Status', 'Energy', 'Sites', 'Roads', 'Mining', 'Range Land', 'PLSS', 'Surface Management', 'Subsurface', 'Boundaries', 'Land Status', and 'Plats'. Below the menu, the 'Identify Source' is listed as 'Latitude/Longitude= 40.595279, -107.565277'. The results are categorized into 'Oil & Gas Leases : 1 results' and 'Oil & Gas Leases (Closed) : 3 results'. Each result is presented in a table with columns for 'Zoom To', 'Select', 'Reports', 'More Info', 'Lease Name', 'Stored Acreage', 'Serial # (Full)', 'Case Type', and 'Case Disposition'.

Zoom To	Select	Reports	More Info	Lease Name	Stored Acreage	Serial # (Full)	Case Type	Case Disposition	Cor
	<input type="checkbox"/>	LR2000 CR Report	More Info	*	1,781.160	COC 065172	O&G LSE COMP PD -1987(312021)	Authorized(5)	OIL 8

Zoom To	Select	Reports	More Info	Lease Name	Stored Acreage	Serial # (Full)	Case Type	Case Disposition	Cor
	<input type="checkbox"/>	LR2000 CR Report	More Info	*	1,041.010	COC 022809	O&G LSE SIMO PUBLIC LAND(311211)	Closed(9)	O
	<input type="checkbox"/>	LR2000 CR Report	More Info	*	961.420	COC 043254	O&G LSE SIMO PUBLIC LAND(311211)	Closed(9)	O
	<input type="checkbox"/>	LR2000 CR Report	More Info	*	1,249.320	COC 0124915	O&G LSE SIMO PUBLIC LAND(311211)	Closed(9)	O

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