

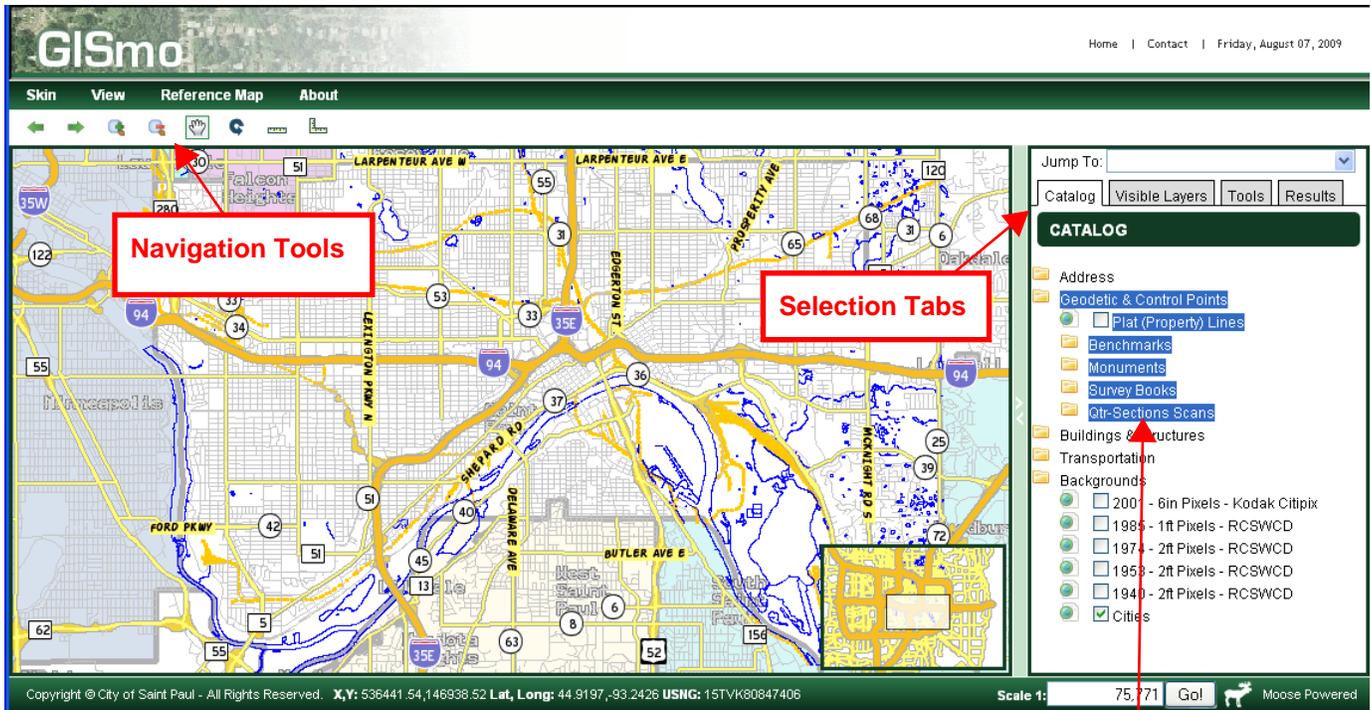
GISmo Home Page

The screenshot shows the GISmo Home Page interface. At the top left is the "GISmo" logo. To the right of the logo are navigation links: "Home | Contact | Friday, August 07, 2009". Below the logo is a menu bar with "Skin", "View", "Reference Map", and "About". A toolbar with navigation icons is located below the menu bar. The main map area displays a street map of Saint Paul, MN, with various colored overlays representing different data layers. On the right side, there is a "Jump To:" dropdown menu and a "Catalog" panel. The "Catalog" panel has tabs for "Catalog", "Visible Layers", "Tools", and "Results". Under the "CATALOG" heading, there are several folders: "Address", "Geodetic & Control Points", "Buildings & Structures", "Transportation", and "Backgrounds". The "Backgrounds" folder is expanded, showing a list of background images with checkboxes: "2001 - 6in Pixels - Kodak Citipix", "1985 - 1ft Pixels - RCSWCD", "1974 - 2ft Pixels - RCSWCD", "1953 - 2ft Pixels - RCSWCD", "1940 - 2ft Pixels - RCSWCD", and "Cities" (which is checked). At the bottom of the map area, there is a copyright notice: "Copyright © City of Saint Paul - All Rights Reserved. X,Y: 561142.81,173304.06 Lat, Long: 44.9919,-93.1470 USNG: 15TVK88418206". To the right of the copyright notice is a "Scale 1:" field with the value "75,771" and a "Go!" button. At the bottom right, there is a "Moose Powered" logo.

The Survey information is located in the "Geodetic & Control Points" folder.

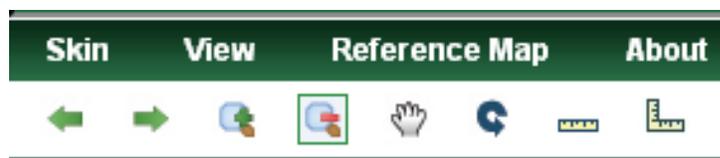
This screenshot is identical to the one above, but with a red circle drawn around the "Geodetic & Control Points" folder in the "Catalog" panel. A red arrow points from a red box labeled "Survey Information" to the "Geodetic & Control Points" folder. The "Survey Information" label is located to the right of the catalog panel. The rest of the interface, including the map, menu bar, and toolbar, remains the same as in the previous screenshot.

GISmo uses Navigation Tools and Selection Tabs to help you find the information you are searching.



Note: In some browsers, it may be necessary to pick on the name rather than the folder.

The tools shown below are used for navigating around the map and measuring.



This button  is for zooming to an area. It will zoom incrementally when clicking on the map, or by first picking and holding the mouse button, you can select a windowed area.

This button  is for zooming out of area. It will zoom incrementally when clicking on the map.

This button  is for panning.

This button  is for refreshing the screen.

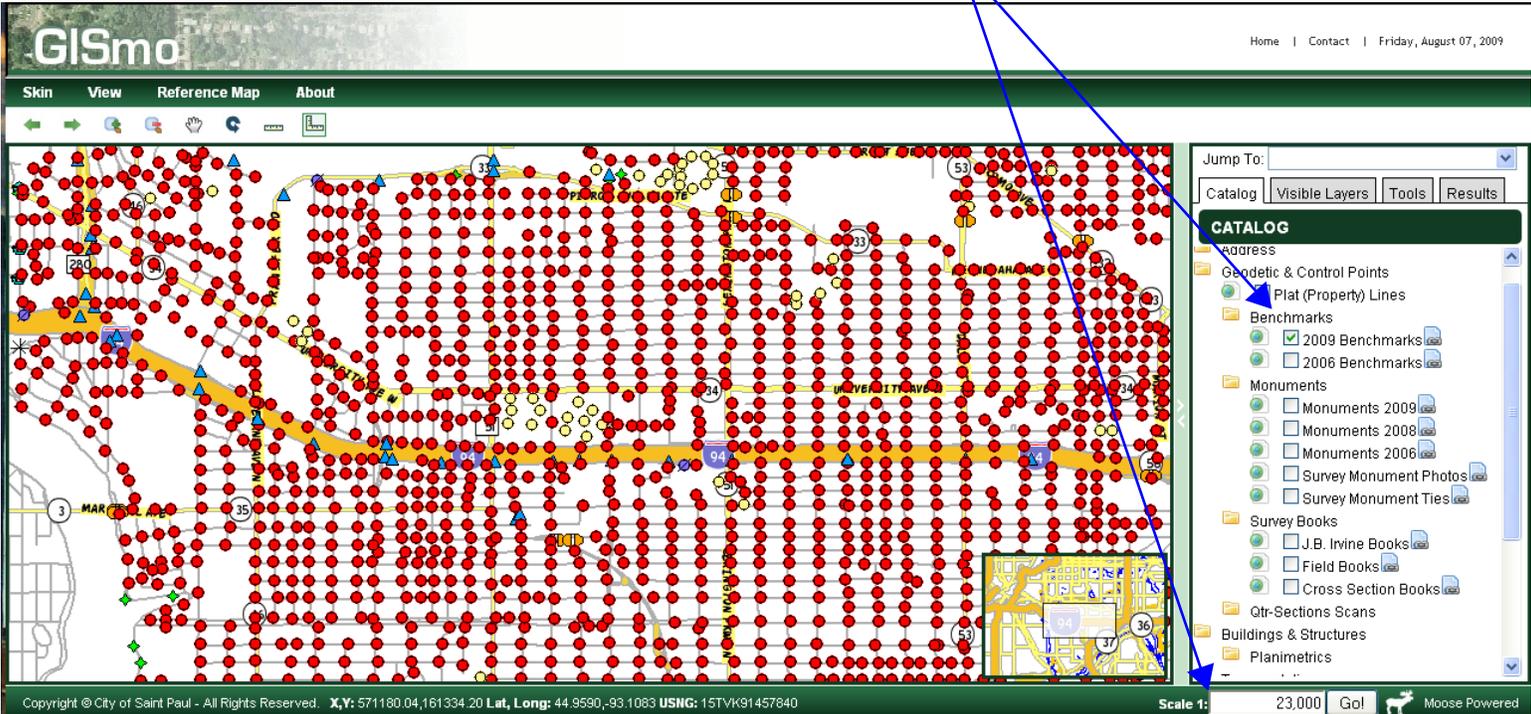
This button  brings you back to the previous view in the history of views.

This button  brings you to the next view if any are in the history of views.

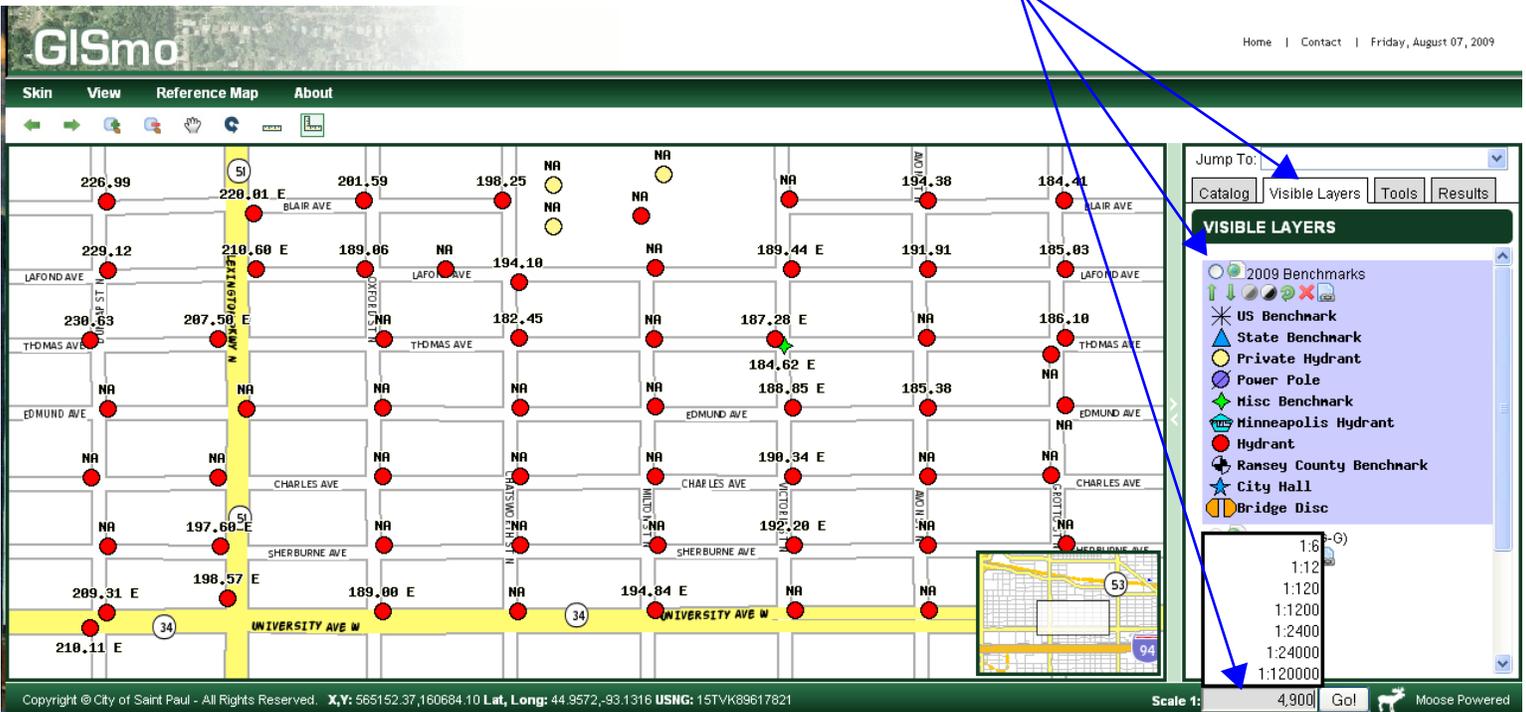
This button  gives you the accumulated distance between points picked. The results are shown at the right of the map. Use the Clear button after each measurement to prevent accumulated distances. The type of units can be selected from a pull-down.

This button  gives you the area. Pick at least 3 points on the map and double click to end the selection.

When a box is checked, the objects of that category will show on the map if the map is zoomed in far enough. The maximum zoom factor for viewing the Survey objects is about 1:23,000.



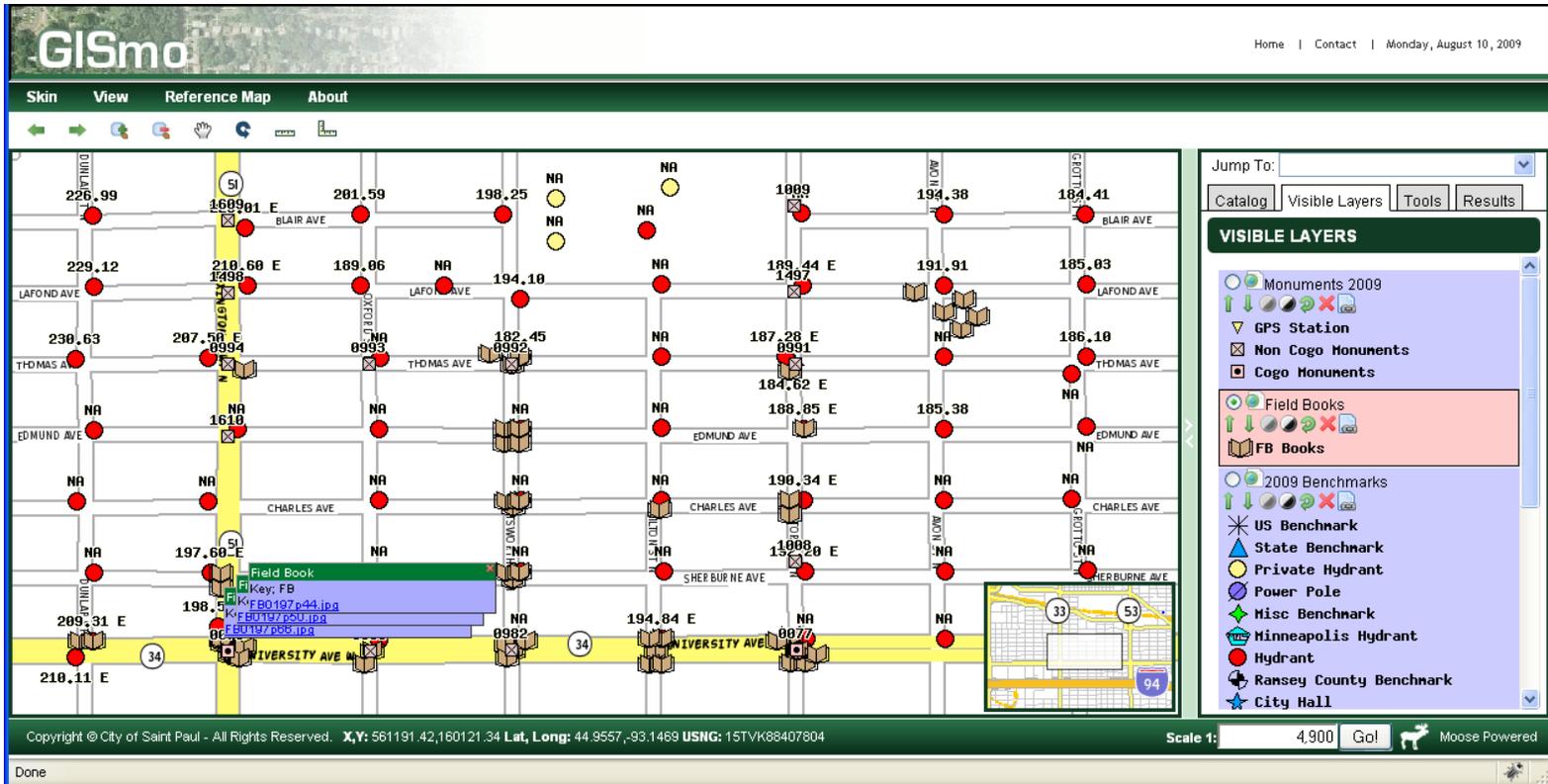
Change to the Visible Layers Tab and if the zoom factor is under 1:5,000, the object category will be highlighted with a colored box. This indicates that the information pop-up box feature is active. The zoom factor can be entered into the scale window.



By selecting the radio button of a colored category, the category changes to a different color indicating that it is current. Moving the cursor around the map reveals the pop-up boxes of the current category. Use the mouse pick button to lock the pop-up box. Multiple boxes can be up at the same time. They could also be moved by picking on their title bar and closed by picking the 'X' in the title bar. All pop-ups will disappear when panning, zooming or refreshing the screen.

The screenshot displays the GISmo web application interface. At the top left, the 'GISmo' logo is visible. The top right corner shows navigation links for 'Home', 'Contact', and the date 'Monday, August 10, 2009'. Below the header is a menu bar with 'Skin', 'View', 'Reference Map', and 'About'. A toolbar contains navigation icons for back, forward, home, and search. The main map area shows a street grid with various utility markers. Two pop-up boxes are open, displaying details for '2009 BENCHMARKS'. The first box shows a key of 0001811, type 'HYDRANT', elevation of 210.60 E, date of 02-28-1996, and description 'NE COR LAFOND & LEXINGTON'. The second box shows a key of 0991, type 'MISCELLANEOUS BM', elevation of 184.82 E, date of 01-20-1999, and description 'MH CL-CL VICTORIA & THOMAS'. A 'VISIBLE LAYERS' panel on the right lists various categories with radio buttons, including '2009 Benchmarks', 'US Benchmark', 'State Benchmark', 'Private Hydrant', 'Power Pole', 'Misc Benchmark', 'Minneapolis Hydrant', 'Hydrant', 'Ransney County Benchmark', 'City Hall', and 'Bridge Disc'. It also includes a legend for 'Streets (TLG-G)' with categories like 'US Interstate', 'Access Ramp', 'US Highway', and 'MN Highway'. The bottom status bar shows copyright information for the City of Saint Paul, coordinates (X,Y: 561361.38,161696.34 Lat, Long: 44.9600,-93.1462 USNG: 15TVK88467852), a scale of 1:4,900, and a 'Moose Powered' logo.

When the objects of a category are close together or on top of each other, the pop-up boxes cascade.



Zoom in closer to get more separation and a more specific selection. notice that some pop-up boxes have links within them. Picking the links will open a new window. When switching back from other windows, the pop-up boxes may disappear. If this happens, reactivate the category and pick the object again.

