Sidebar Zoom Panel

View windows provide a number of ways in which you can change the scale of the display. The View window toolbar provides icon buttons to zoom in and out, zoom to full extents, and zoom to maximum detail of an image layer (and keyboard shortcuts for these actions) as well as the Zoom Box tool (see the Technical Guide entitled *Spatial Display: View Window Toolbar*). The View sidebar also provides an optional Zoom panel that lets you set the View scale in several ways:

- by map scale
- by fixed web tileset zoom level
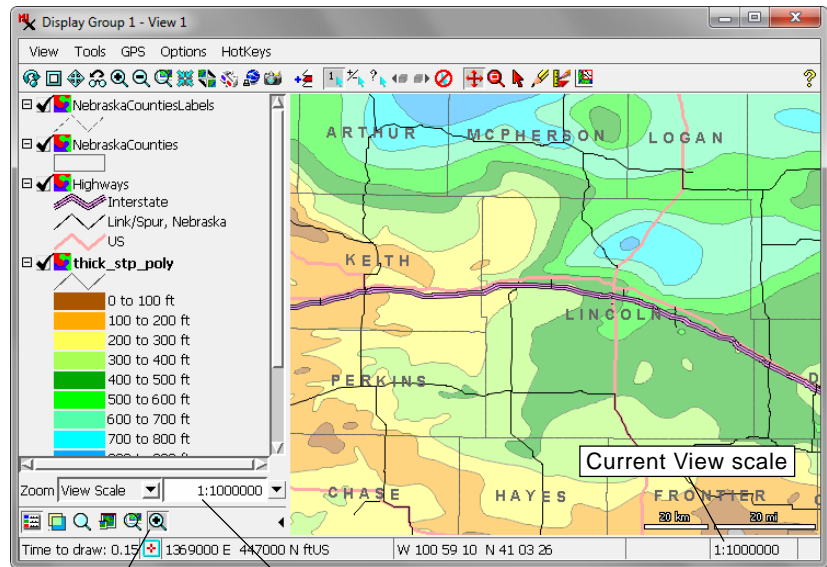- by ground dimensions of the View width or height

The sidebar Zoom panel is turned on using an icon button in the toolbar at the bottom of the sidebar. Other sidebar panels are described in the Technical Guide entitled *View Window Sidebar*.

The sidebar Zoom panel (see the illustration above right) consists of a menu on the left that sets the zoom mode and on the right a numeric field (with associated menu) that sets the desired value.
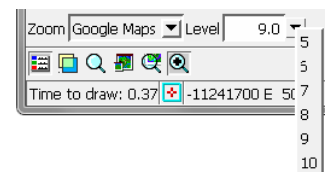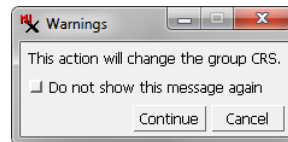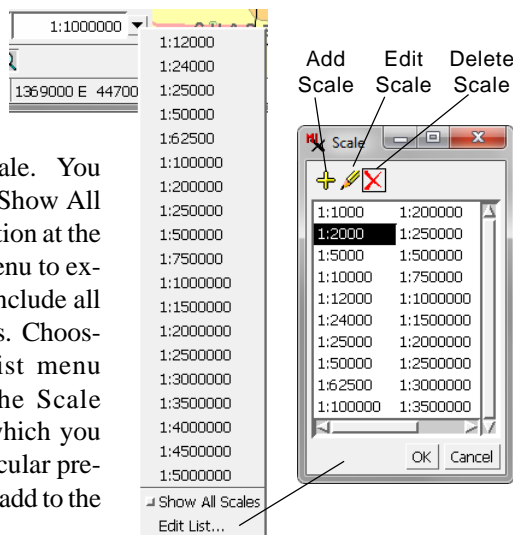

Current View scale

Zoom Panel On/Off

The sidebar Zoom panel lets you set the map scale of the view, a fixed web tileset zoom level, or the ground height or width of the View.

View Scale

The current map scale of the View is shown in the Status line at the bottom of the window. When the Zoom menu in the sidebar Zoom panel is set to the default View Scale option, you can enter any desired map scale into the control's numeric field, then press <Enter> to redraw the View at the new scale. You can enter a complete map scale (e.g., 1:10,000), or just the scale denominator (the number after the "1:").

Instead of entering a scale value, you can use the icon button to the right of the numeric field to open a menu from which you can choose from a list of predefined map scales. The list presented by default is a selection of scales that bracket the current View scale. You can turn on the Show All Scales toggle option at the bottom of the menu to expand the list to include all predefined scales. Choosing the Edit List menu option opens the Scale window, from which you can choose particular predefined scales to add to the

list shown in the menu. You can use the Add Scale icon button on the Scale window to add predefined scales, or use the Edit Scale and Delete Scale icon buttons to perform the specified action on a scale that is selected in the list.

Add Scale   Edit Scale   Delete Scale

Fixed Web Tileset Scales

The Zoom menu options Google Maps, Bing Maps, Google Earth, and World Wind let you enter or select from the fixed numeric zoom levels defined in the corresponding web tileset structure. Restricting the zoom levels in the view to those supported in a particular web geoviewer allows you to evaluate how the data in the current view will appear if it is exported or rendered to a tileset for use on the web.

Choosing a geoviewer from the Zoom menu opens a Warnings window to notify you that this action requires changing the group coordinate reference system (CRS) to match the requirements of the selected geoviewer. If you press [Continue] on this window, the group CRS is changed, the View is zoomed to the nearest fixed zoom level, and the menu for the Zoom control's numeric field is populated with zoom level numbers close to that of the View.

You can enter a zoom level value in the numeric field or choose a zoom level from the menu. Once you have entered or selected an integer zoom level, using the Zoom In or Zoom Out icon

(continued)

buttons on the View toolbar, or the mouse scroll-wheel, changes the View scale by integer steps in zoom level. (Using the Zoom Box tool or the Full icon button in this mode may result in setting the View to a fractional zoom level.)

View Width and Height

The Width and Height options on the Zoom menu let you specify a dimension of the View extents in ground distance units. The menu to the right of the value field lets you choose the units for your distance specification. Choose the units first, then enter the desired value into the numeric value field and press <Enter> to redraw the View.