



-  **Pan Buttons.** There are eight pan buttons around the view area, one at each corner and one in the middle of each edge. Clicking on any of these buttons pans the view 50% in the direction of your click, such that 50% of the new view area overlaps the previous view.
-  **Zoom to Scale Button.** A click on this button will zoom you to the map scale you entered in the map scale field at the immediate left.

Legend

A list of layers currently available for the view is presented at the left of the Viewer if the layers are loaded separately rather than acquired as a composite image (by clicking on the *Render As Group* icon in TNTmap Builder). You can use the check boxes in this list to turn layers on and off. Color coding of the layer names indicates current layer visibility. You can change how the legend is displayed by clicking on the Save As TNTmap/Google Earth/World Wind icon in TNTmap Builder. The choices are: mixed legend (images only unless there is no image, then text is used), text only, images and text, and no legend. The more complex the legend, the longer it takes to retrieve. Also, there is no guarantee that legend images are available.

Green. If a layer name is green, that layer is present but not visible at the current zoom because the density of its elements would obscure other layers.

Blue. If a layer name is shown in blue, that layer does not overlap the area currently being shown in the view canvas.

Red. The initial state of all layers is red with a light background indicating the layers have not yet been loaded. Layers shown in red with a dark background were not successfully acquired from the designated WMS.

Black. Layers shown in black are visible provided they are not obscured by another overlay.

Right Mouse Button Menus

Each layer name, the overview, and the view canvas have menus that pop-in when you right-click.

Layer Name Right Mouse Button Menu

- Choose between 50% transparent and opaque for each layer,
- Turn layer requests on and off (when a layer is simply hidden, a request is still sent),
- Refresh individual layers
- View individual layers or errors encountered while layer is being loaded, and
- Show layer URL, which opens a window that displays the layer's URL.

View Canvas and Overview Right Mouse Button Menu

- Zoom in and out without changing the active tool,
- Recenter without changing the active tool, and
- Get feature information regardless of the active tool.
- Go to previous, next, and initial views, and
- Refresh all layers.
- The view right mouse button menu also has Cancel Point and End Line entries when measuring.

Windows Explorer Right Mouse Button Menu

- The Add to Favorites, Copy Shortcut, and Copy URL choices occur only if the web application TNTmap Viewer is open in Windows Explorer and you are viewing a published context. Add to Favorites lets you name an entry to be added to your Windows Explorer Favorites menu. Subsequently when you make this choice, TNTmap Viewer will open in Windows Explorer with the same atlas displayed. After using Copy Shortcut or Copy URL, you can paste the shortcut or URL where you want.

