

Tilesets

1-meter Stereo of any USA Terrain

MicroImages provides free access via the Internet to 1-meter color orthoimagery of the conterminous United States. Your TNT product can use this 2008 or new 2009 color USDA / NAIP imagery to view any land area in stereo using your stereo viewing device. Simply add the appropriate state tileset to a 2D view, add any other layers of interest, and convert the view to stereo using the Stereo icon button on the View window. When prompted to select a terrain layer, simply select the 30-meter USA DEM provided with every TNT product. The stereo conversion then automatically uses and resamples this DEM to create the stereo separation in the View. Since this DEM is a fast-access TNT raster tileset, it can even be used directly from the DVD provided to you or from a copy on your hard drive. Every TNT product also comes with a global 90-meter DEM that can be used to convert any view to stereo.

If your area of interest is not covered in this USA 1-meter imagery, you can assemble georeferenced images of your project, city, province, or nation into custom tilesets. These custom tilesets can then be used from a local drive or from a web site as a layer in any TNT 2D view and converted to a stereo view using the DEMs noted above. If you wish even greater stereo spatial accuracy, you can also build higher-resolution DEMs using the terrain and LIDAR analysis features built into every TNTmips.

The image shows a composite of screenshots from the TNTmips software. At the top left, the 'Display Manager' window has a menu open with 'Internet Tilesets...' selected. A callout points to this menu with the text: 'Select Internet Tilesets from Add Web Layer icon button menu'. To the right, the 'Internet Tilesets' window shows a tree view with 'California 2009' selected under 'States/Nations'. A callout points to this selection with the text: 'Choose the desired USA state tileset to display'. Below these, the 'Display Group 1 - View 1' window shows a toolbar with a 'Stereo' icon circled in red. A callout points to this icon with the text: 'Press the Stereo icon button'. In the bottom left, there is an image of a DVD-ROM labeled 'NED30 30-Meter USA Elevations'. To the right, the main view window displays a stereo anaglyph of a landscape, with a pair of 3D glasses shown above it. The status bar at the bottom of the main view window shows coordinates: '-13621100 E 5066551 N m' and 'W 122.36042 N 41.36650' with a scale of '1:37001'.

Anaglyph stereo display of the town of Deetz, California and adjacent Black Butte using 1-meter California orthoimage tileset published at www.microImages.com and 30-meter USA DEM provided by MicroImages with every TNTmips.