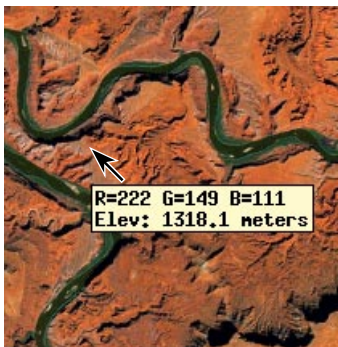


# Use a DataTip, GraphTip, or Tool?

## DataTip

Automatically pop-in location-specific information as text from one or more layers

- Text from raster cell value or from any database field type including virtual fields
- Easy set-up using Layer Controls window
- Set up prefix and suffix for each layer
- Show data from active, visible, or all layers in view

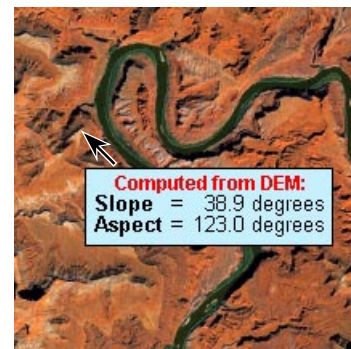


TNTmips provides several ways to present information about the cursor location from the geodata layers in a view window. Standard DataTips are easily configured by the end-user via interactive controls. Enhanced DataTips, GraphTips, and Tools are set up using scripts that can be packaged with a set of geodata layers in a group or layout, ready for use by the end-user.

## Enhanced DataTip (via Display Control Script)

Automatically pop-in location-specific information as text using a Display Control Script to restyle, augment, or replace the standard DataTip text. For example, provide a heading for a multi-layer DataTip listing or compute and show the local slope and aspect values from an elevation raster.

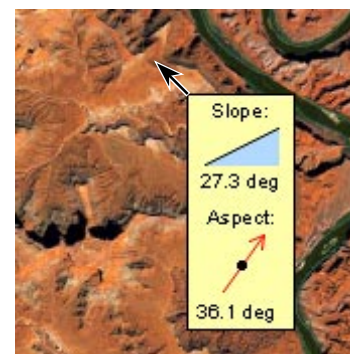
- Present the results of a local computation using view layers
- Access location-specific data from spatial objects that are not in the view
- Dynamically modify text content or background color to alert user to changing conditions in any of the view layers
- Embed text style codes to switch between bold, italic, and other text styles
- Simple Control Scripts use prototype functions and class methods to set DataTip text



## GraphTip (via Display Control Script)

Automatically pop-in location-sensitive information primarily in graphical form. Like Enhanced DataTips, GraphTips are set up using a Display Control Script, and so can dynamically vary the resulting content, but the presentation can be richer and more complex. For example, show an elevation profile for the nearest vector line or a graphic showing the local slope and aspect.

- Pop-up a graphic with the results of a local computation using view layers
- Access location-specific data from spatial objects that are not in the view
- Use class methods in script to draw graphic elements and text
- Set graphic to be at or offset from the cursor



## Tool (via Tool Script)

Present location-specific information only when requested. A ToolScript is activated by an added icon button or Tool menu entry on the view, and can provide mouse-click actions such as performing a local computation at the cursor position or selecting the nearest element.

- Access location-specific data from spatial objects in or out of the view
- Provide point, line, or polygon graphic tool for element selection or for drawing in the view
- Create and open a separate window for interactive set-up of processing parameters and presentation of results
- Can be installed for specific groups/layouts or for all View windows

