

8/22/06

Arc GIS 'power user' tip: Interactively 'picking' (reading) values at lat/longs from raster image using the mouse
For a raster image with any defined projection that is displayed in an Arc Map GIS map document:

To select lat / long display in the readout bar at lower right window:

- 1) Open the map document (.mxd) containing the raster layer of interest in Arc Map GIS
- 2) On main toolbar, select View / Data Frame Properties / General tab
- 3) In the Units box (middle of screen) click the Display (Units) dropdown and select Degrees Minutes Seconds, then Apply / OK

To begin interactively picking points:

- 1) Click the 'information' (capital 'I' inside blue circle) button to start 'Identify results' interface.
- 2) In the Layers: dropdown in the Identify Results window, select the layer to get values from.
- 3) Use the Lat/Long readout to find your points of interest
- 4) Right click on a location. The pixel value will appear in the window.

(NOTE: The Location display in the Identify Results box displays the map layer's x / y coordinates in the layer's 'native' units (e.g., meters)).

- 5) When you are done, click the Arrow icon to disable the feature.