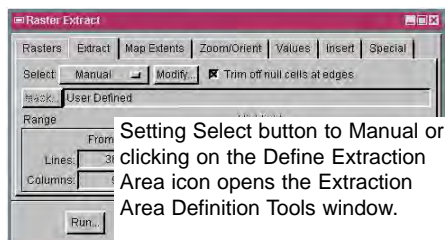


Raster Extraction Using Drawn Areas

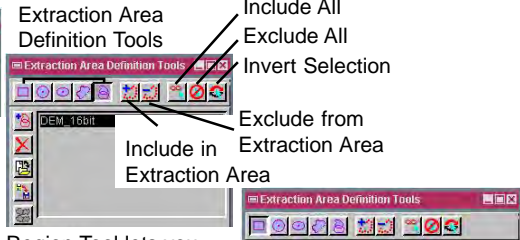
DID YOU KNOW . . . you can use drawn areas to define an area to extract from a raster object?

What Raster Extraction Using Drawn Areas Gives You

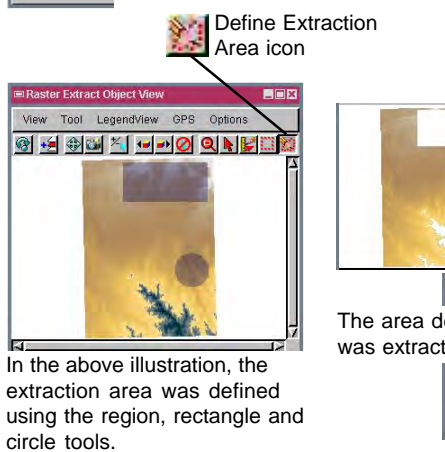
- Use variety of elastic tools to define extraction area
- Add saved region(s) or draw polygon(s) to define extraction area
- Enter specific values for each vertex, center point, and/or extents of the area
- Ability to include or exclude from the extraction area
- Select the inside or outside of the delineated area as the extraction area



Setting Select button to Manual or clicking on the Define Extraction Area icon opens the Extraction Area Definition Tools window.

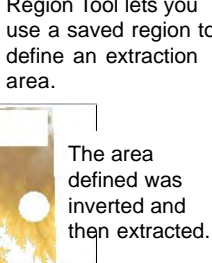


Extraction Area Definition Tools
Include All
Exclude All
Invert Selection
Exclude from Extraction Area
Include in Extraction Area

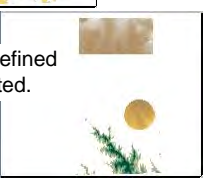


Define Extraction Area icon

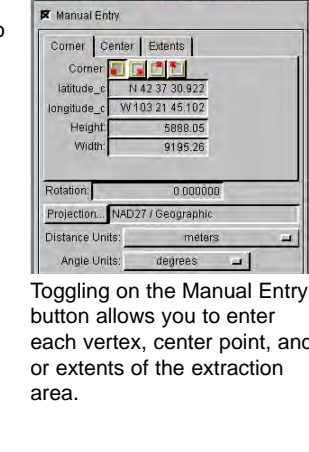
Region Tool lets you use a saved region to define an extraction area.



The area defined was inverted and then extracted.



The area defined was extracted.



Extraction Area Definition Tools
Manual Entry
Corner | Center | Extents
Corner: [tools]
latitude_c: N 42 37 30.927
longitude_c: W 103 21 45.102
Height: 5888.05
Width: 9195.26
Rotation: 0.000000
Projection: NAD27 / Geographic
Distance Units: meters
Angle Units: degrees

toggling on the Manual Entry button allows you to enter each vertex, center point, and/or extents of the extraction area.

In the above illustration, the extraction area was defined using the region, rectangle and circle tools.

How to Extract Rasters Using Drawn Areas

- Select Raster/Extract from the menubar.
- Select the raster object(s) you want to extract from when prompted.
- Choose the Manual option from the Select menu (Extract tabbed panel).
- Click on the appropriate Extraction Area Definition tools to draw an elastic rectangle, circle, ellipse, or polygon or to add a saved region.
- Click on the Include in Extraction Area button.
- Click on the Run button in the Raster Extraction window.

WANT TO KNOW MORE?

See the section entitled *Extracting A Manually Defined Area* in the *Process* volume of the:

Online Reference Manual

