Compress Raster Objects

What Compressing Raster Objects Gives You

- *Generate output raster object(s) with smaller storage requirements*
- *Use compression methods appropriate for different raster types*
- *Determine image quality selecting from lossy or lossless compression methods*
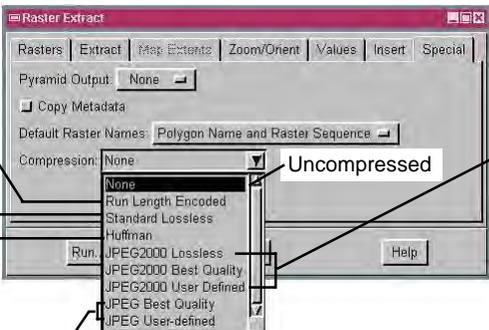
Lossless RLE compression for 1-bit (binary) rasters

Lossless DPCM compression for signed, unsigned and RGB/BGR (preferred method for signed/ unsigned)

Lossless Huffman compression for signed, unsigned and RGB/BGR rasters

Lossy JPEG compression for 8-bit and 24-bit RGB/ BGR rasters

Uncompressed

Lossless or lossy JPEG2000 compression for unsigned or signed up to 16 bit and only RGB/BGR rasters (preferred method for RGB/BGR)
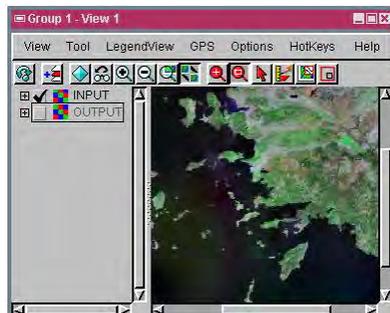
The 24-bit RGB raster at the left was compressed using JPEG2000 lossless compression. The new raster object was generated having the same image quality but requires only 24% of the storage space.
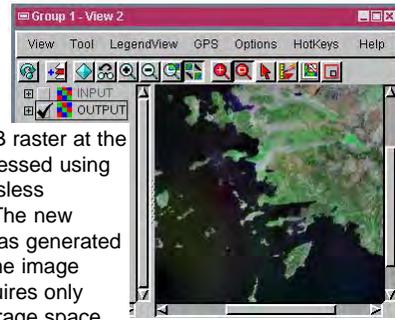
Name	Size	Type
INPUT.rvc	680 KB	MicroImages Project File
OUTPUT.rvc	164 KB	MicroImages Project File

How to Compress Raster Objects

- *Select Raster/Extract from the menubar.*
- *Select the raster object(s) you want to compress when prompted.*
- *Click on the Special tab in the Raster Extract window.*
- *Click the Compression option button to select a compression method.*
- *Click on the Run button.*

Online Reference Manual

MicroImages
microimages.com