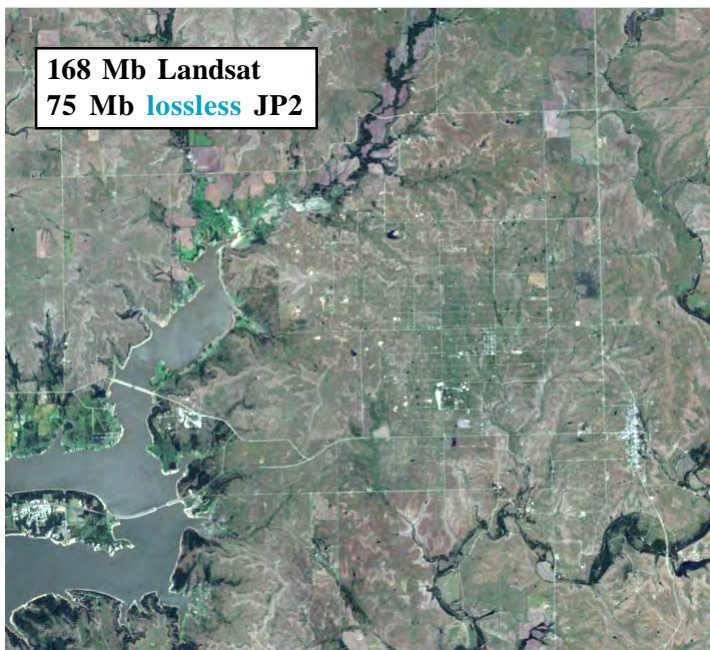
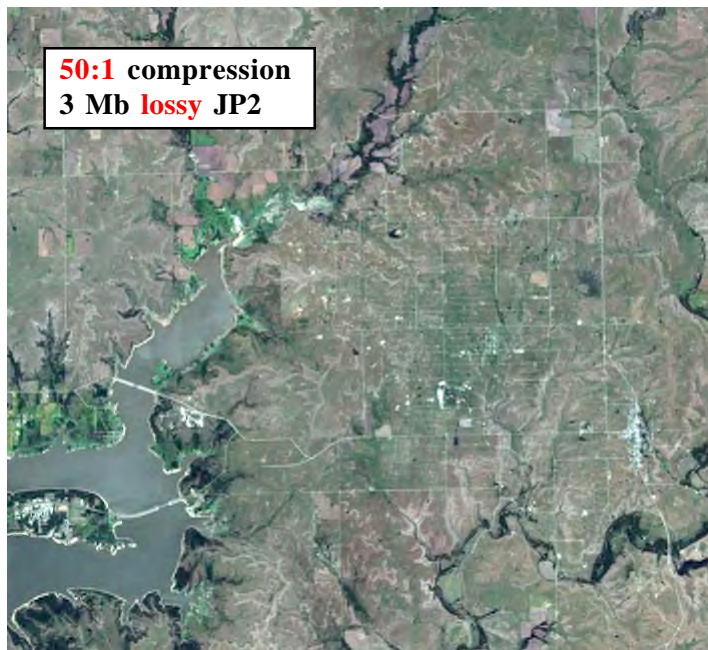


JPEG2000 Compression Results

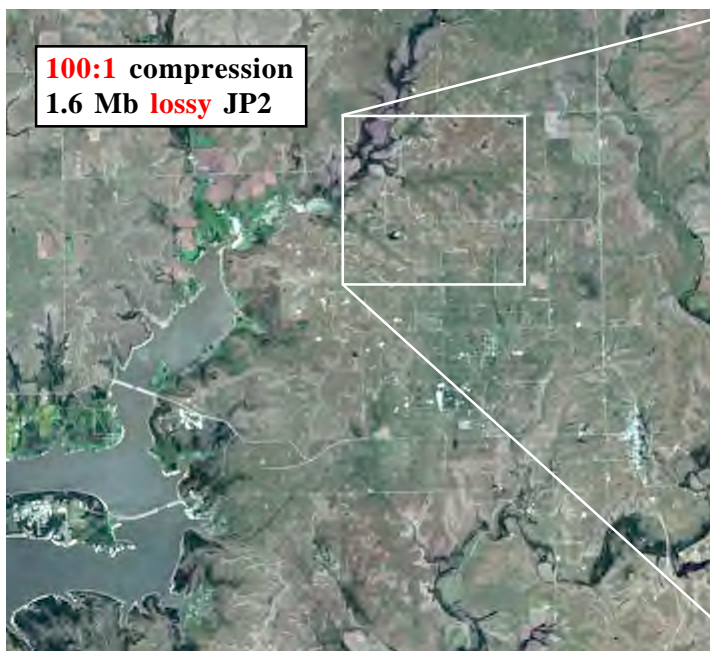
The Three 1X views on this page demonstrate the image fidelity retained by JPEG2000, even at 100:1 compression ratios.



A portion of a 3-band Landsat 7 image. This 1X view shows a fine grid of oil field access roads east of the lake. All JP2's on this page were created from a 168 Mb Landsat image in a TNTmips Project File. This lossless JP2 version is 75 Mb.



This 3 Mb lossy JP2 version was created with a compression factor of 50. This 50:1 compression ratio shows only slight visible image degradation. The feature edges, highways, and oil field access roads are intact, though slightly blurred.



This 1.6 Mb lossy JP2 version was created with with a compression factor of 100. This 100:1 compression ratio retains much image information, but suffers from evident degradation.



At this compression level many features are blurred. The feature edges and highways are discontinuous in many places. The oil field access road grid is almost completely obscured.