The Landsat scene shown here of the Mississippi Gulf Coast is from February, 2000. This scene, along with several others, will be used to conduct a land use/land cover (LULC) change analysis of the I-10 corridor of the Mississippi Gulf Coast. The LULC change analysis will aid transportation planners in the monitoring and assessment of environmental conditions with respect to transportation infrastructure and coastal corridor development.

The upper scene is displayed with Landsat 7 bands 4, 3, and 2. Band 4 represents energy detected in the near infrared, band 3 is the red portion of the visible spectrum and band 2 is the blue-green portion of the visible spectrum. The spatial resolution of these bands is 28.5 meters or about 94 feet. The lower scene is displayed with the panchromatic band of Landsat 7. The panchromatic band has a spatial resolution of 14.25 meters or about 47 feet.

For more information about the Landsat 7 Satellite please visit the following USGS website: http://landsat7.usgs.gov/

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Projection: Mississippi Transverse Mercator (MSTM)  
Datum: North American Datum of 1983