The Landsat scenes shown here of the Mississippi Gulf Coast are from 2000. These scenes, 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 from February 15, 2000 and the lower scene is from July 8, 2000. This combination gives a good representation of phenological trends in this area. This allows distinction between deciduous and evergreen forest types, as well as improved and unimproved agriculture areas. The combination of these two scenes will allow for a composite LULC classification of the coastal corridor for 2000.

These two Landsat scenes are displayed with 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 the images is 28.5 meters or about 94 feet.