

USGS Releases Landsat Orthorectified State Mosaics

The U.S. Geological Survey (USGS) National Remote Sensing Data Archive, located at the USGS Center for Earth Resources Observation and Science (EROS) in Sioux Falls, South Dakota, maintains the Landsat orthorectified data archive. Within the archive are Landsat Enhanced Thematic Mapper Plus (ETM+) data that have been pansharpened and orthorectified by the Earth Satellite Corporation. This imagery has acquisition dates ranging from 1999 to 2001 and was created to provide users with access to quality-screened, high-resolution satellite images with global coverage over the Earth's landmasses.

The Landsat Orthorectified Pansharpened ETM+ scenes for each state are radiometrically matched and merged with the corresponding Digital Elevation Model (DEM) data. Various vector data, such as collar information, state flags, and annotation, are added. A thumbnail image, along with the pertinent ordering information, is put on the EROS Web page, as shown in Figure 1. There are multiple methods for ordering these data. A Joint Photographic Experts Group (JPEG) file is created for customers who want a small digital version at no cost. The full-resolution Tagged Image File Format (TIFF) file can be ordered for a small fee. An example of the ordering screen showing Virginia is depicted in Figure 2.

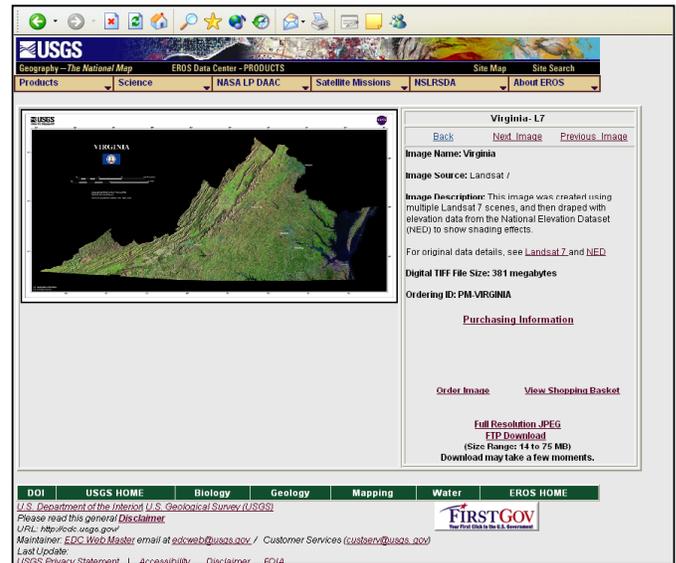


Figure 2. State mosaic ordering page

The current status of the state mosaics is depicted on the back page in Figure 3.

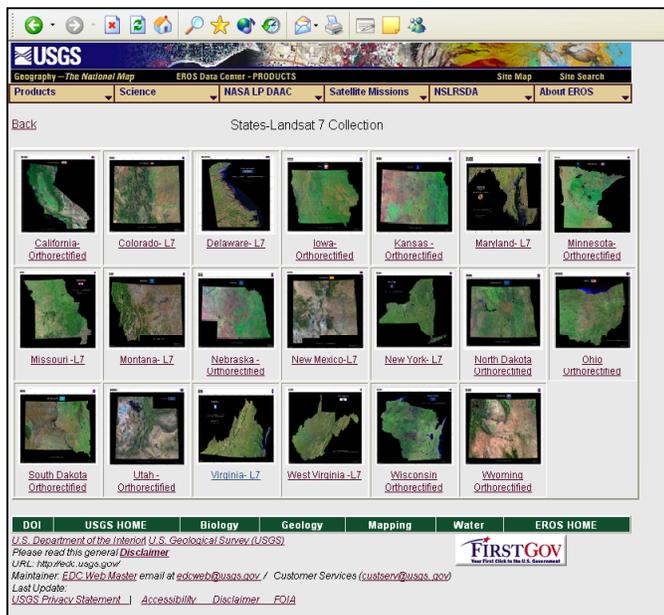


Figure 1. State mosaic Web page

For More Information

For additional information on state mosaics and ordering procedures, visit <http://edc.usgs.gov>, then go to Image Gallery and States-Landsat 7, or contact:

U.S. Geological Survey (USGS)
 Center for Earth Resources
 Observation and Science (EROS)
 Customer Services
 Mundt Federal Building
 Sioux Falls, SD 57198-0001
 Phone: 800-252-4547
 Phone: 605-594-6151
 TDD: 605-594-6933
 Fax: 605-594-6589

Email: custserv@usgs.gov

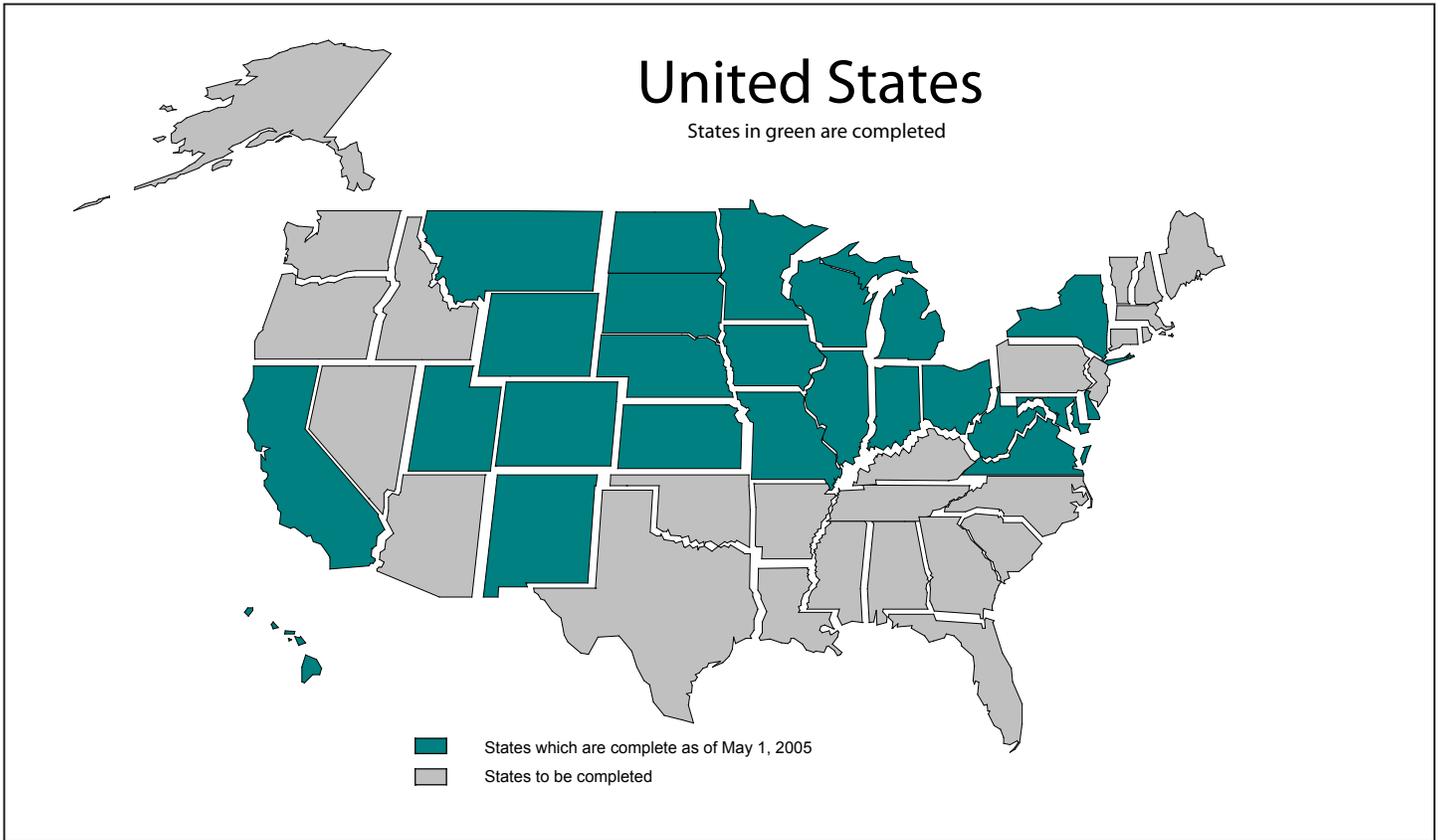


Figure 3. The states shown in green have been completed, while the gray states are yet to be mosaicked.

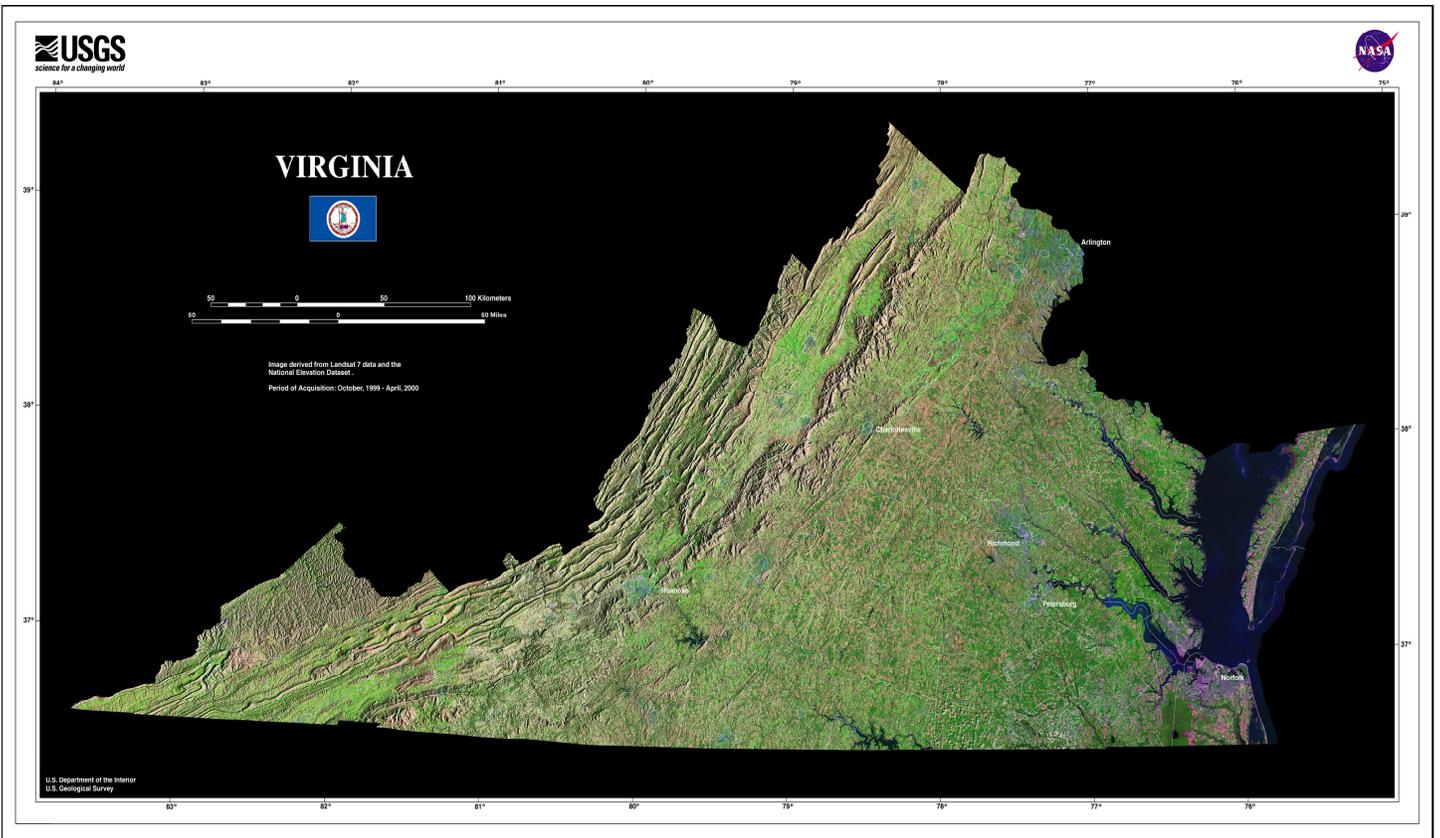


Figure 4. The state of Virginia downloaded as a JPEG file.