

Landsat Update

Volume 11 Issue 2 2017

Landsat Level-1 Collection 1 Processing Status

Landsat 4-8

Landsat 1-5 Multispectral Scanner (MSS)

Landsat Collection 1 Higher-Level Science Data Products Status

LandsatLook Viewer Unveils New Look

Recently Promoted Landsat Images

Upcoming User Conferences

American Association of Geographers (AAG)

Pecora 20

Connect/Interact/Contact!

Landsat Level-1 Collection 1 Processing Status

Landsat 4-8

Landsat 4-5 Thematic Mapper (TM) and Landsat 7 Enhanced Thematic Mapper Plus (ETM+) Collection 1 Level-1 processing is complete, with all scenes available for download from EarthExplorer (<http://earthexplorer.usgs.gov>).

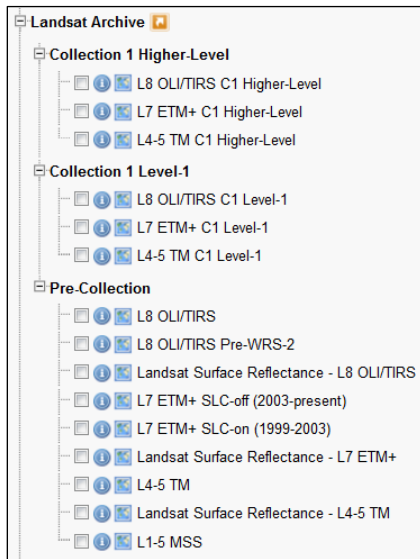
Landsat 8 Operational Land Imager (OLI) and Thermal Infrared Sensor (TIRS) Collection 1 Level-1 data products covering the United States, for all years (2013-present) are also available from EarthExplorer, while processing for the rest of the world continues. Visit the USGS Landsat Missions homepage (<https://landsat.usgs.gov>) to view the current Landsat Collection 1 processing status. The Landsat Collections webpage (<https://landsat.usgs.gov/landsat-collections>) provides more detailed information on the Landsat Collection 1 effort, including the changes to data products, new files, and product identifiers.

Landsat 1-5

Landsat 1-5 Multispectral Scanner (MSS) data will be processed into the Collection 1 Level-1 inventory format after data quality analysis and processing level investigations have been completed, which is anticipated to occur by December 2017.

Landsat Collection 1 Higher-Level Science Data Products Status

Starting March 30, 2017, users will be able to request processing of Landsat Higher-Level Science Data Products (i.e., Surface Reflectance) for Landsat 4-8 Collection 1 scenes from EarthExplorer. These Landsat Higher-Level Science Data Products are accessed via the menu options in EarthExplorer illustrated below.



Users are encouraged to review <https://landsat.usgs.gov/landsat-higher-level-data-products-news-archive> and consult the Product Guides for further information about the differences between Pre-Collection and Collection 1 Higher-Level Science Data Products before implementing them in any scientific analysis.

LandsatLook Viewer Unveils New Look

On February 21, 2017, a new version of the LandsatLook Viewer (<https://landsatlook.usgs.gov>) was released. The major redesign includes many new features, enhanced performance, and improved functional capabilities.

Related, the Sentinel2Look Viewer (<https://landsatlook.usgs.gov/sentinel2>) is also now available. This viewer highlights one of the newest datasets available through a USGS partnership with the European Space Agency (ESA). See <https://landsat.usgs.gov/february-22-2017-updated-landsatlook-new-sentinel2-viewer> for more information.

Recently Promoted Landsat Images

Cambodia Experiences Rapid Rate of Forest Loss. When it comes to forest loss on a global scale, Cambodia is notable for how rapidly its forests are being cleared. <https://remotesensing.usgs.gov/gallery/gallery.php?cat=2#696>

Landsat Detects Eruptions at Ethiopian Volcano. Landsat 8 sees recent eruptions at Erta Ale volcano in northern Ethiopia. <https://remotesensing.usgs.gov/gallery/gallery.php?cat=2#696>

Wildfires Ravage Central, South-Central Chile. Wildfires are scorching central Chile. <https://remotesensing.usgs.gov/gallery/gallery.php?cat=2#649>

January Rain, Snow Refills California Reservoirs. A decade of drought in California has eased thanks to heavy rains and snow. <https://remotesensing.usgs.gov/gallery/gallery.php?cat=8#647>

Argentina Flooding Has Major Impact on Soybean Production. Heavy rains are affecting soybean production in Argentina. <https://remotesensing.usgs.gov/gallery/gallery.php?cat=8#646>

Upcoming User Conferences

2017 American Association of Geographers Annual Meeting

April 5 – April 9, 2017: Boston, MA <http://news.aag.org/event/2017-aag-annual-meeting/>
Please visit the USGS at booth#101 in Hall C Thursday/Friday 9:00am – 5:00pm and Saturday 9:00am – 1:30pm

Pecora 20 Conference

November 14-16, 2017: Sioux Falls, SD <http://pecora.asprs.org/>

The Pecora 20 conference theme is “Observing a Changing Earth: Science for Decisions...Monitoring, Assessment, and Projection”, and will offer a program on applications of satellite and other Earth observation instruments to monitor, assess, and perform projections of future land and water resources, as well as big data and other analytical technologies to improve land decision making utilizing satellite data.

In association with the Pecora conference, the [William T. Pecora Award](#) is presented annually to individuals or groups that have made outstanding contributions toward understanding the Earth by means of remote sensing. The Department of the Interior (DOI) and the National Aeronautics and Space Administration (NASA) jointly sponsor the award. **Nominations for the award are due June 1, 2017.**

Established by the USGS and NASA in the 1970's, the Pecora meetings serve as a forum to foster the exchange of scientific information and results derived from applications of Earth observing data to a broad range of land-based resources, and also discuss ideas, policies, and strategies concerning land remote sensing.

Important Dates to remember:

June 1, 2017 – William T Pecora Award Nominations due

June 1, 2017 – Abstracts and workshop proposals due

July 14, 2017 – Notice of acceptance

September 15, 2017 – Speaker registration

October 13, 2017 – Paper deadline (for inclusion in proceedings)

Connect/Interact/Contact!

Landsat Missions Website: <https://landsat.usgs.gov>

Latest Landsat Headlines: <https://landsat.usgs.gov/2017>

Get Landsat Updates: <https://landsat.usgs.gov/landsat-updates>



USGS Landsat: @USGSLandsat

NASA Landsat: @NASA_Landsat



USGS: <https://www.facebook.com/USGeologicalSurvey>

NASA Landsat: <https://www.facebook.com/NASA.Landsat>



USGS: <https://www.instagram.com/usgs/>

NASA: <https://www.instagram.com/nasa/>

Contact us!

<https://landsat.usgs.gov/contact>

custserv@usgs.gov

800-252-4547

605-594-6151