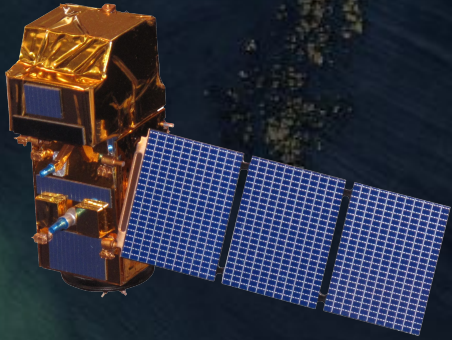
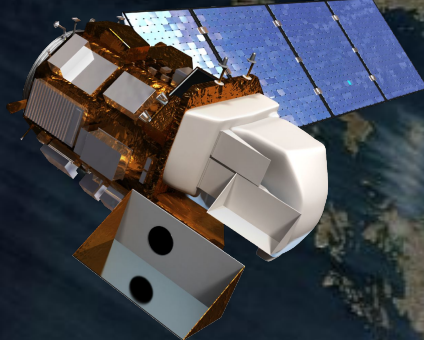


Harmonized Landsat/Sentinel-2 Imagery



NASA/USGS
Landsat-8



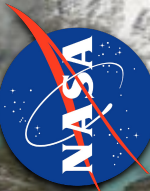
ESA
Sentinel-2A/B

The Harmonized Landsat and Sentinel-2 (HLS) project provides consistent surface reflectance (SR) data from the Operational Land Imager (OLI) aboard the joint NASA/USGS Landsat 8 satellite and the Multispectral Instrument (MSI) aboard ESA's Copernicus Sentinel-2A and Sentinel-2B satellites.

HLS imagery benefits the community through:

- Providing cloud-free observations of global land surfaces outside of Antarctica, at 30 m resolution, every 2-3 days
- Imagery co-registered to a common grid, allowing for "stacking" of products into a longer time series for analysis
- Improved monitoring of land surface change
- Better monitoring of vegetation health
- Increased temporal frequency for rapid and long-term land surface change detections

**Satellite Needs Working Group
Product Fact Sheet**



**EARTH SCIENCE
DATA SYSTEMS**

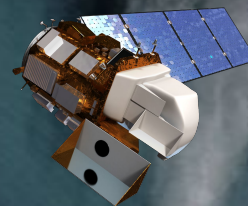
Harmonized Landsat/Sentinel-2 Imagery



HLS Product	Landsat Series (HLSL30)	Sentinel Series (HLSS30)
Spatial Coverage	Global Land excludes Antarctica, and clouds > 98%	
Latency	2-4 days after acquisition	
Resolution	30 m	
Data Format	Cloud-Optimized GeoTIFF	
Temporal Coverage	April 2013-Present	December 2015-Present
Revisit Time	16 days	5 days
Data Bands	Coastal Aerosol, Blue, Green, Red -- -- NIR Narrow SWIR 1-2 -- Cirrus Thermal IR	Coastal Aerosol, Blue, Green, Red Red Edge 1-3 NIR Broad NIR Narrow SWIR 1-2 Water Vapor Cirrus --
Granule Contents	Data Bands, 4 Viewing Angle Bands, QA Band, True Color Browse Image, Metadata	

How do I access this data?

The HLS archive is maintained by NASA's LP DAAC, including algorithm technical details and data access for the [HLSL30](#) and [HLSS30](#) products.



Where can I find more information?

NASA SNWG and community-contributed materials are available on the [SEP Webpage](#).

