**Intro for episode page:** For this episode, we go inside the Landsat operations room at EROS to see what happens during a live Landsat pass.

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**Eyes on Earth Episode 129 – What Happens During a Landsat Pass?**

**Summary**: In this episode of Eyes on Earth, we talk to ground station technicians to find out how Landsat satellite data gets from the spacecraft to EROS and then to the archive. We see what it’s like in EROS’s Landsat operations room and what the technicians do before, during, and after a Landsat pass. The task of making sure those bits of data make their way to the archive so it can be used for land change science occurs for them several times a day. As routine as it might be sometimes, they are a small but important part of a large mission that is documenting global land change.

**Guests**:

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**Host**: Tom Adamson (contractor for USGS EROS)

**Producer**: Tom Adamson (contractor for USGS EROS)

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**More about Landsat Operations**:

* [Data at EROS](https://www.usgs.gov/centers/eros/data)
* [International Ground Stations Network](https://www.usgs.gov/landsat-missions/international-ground-stations-igs-network)
* [Landsat Science—Landsat 9 Ground System](https://landsat.gsfc.nasa.gov/satellites/landsat-9/landsat-9-mission-details/landsat-9-ground-system/)
* [EROS Radome: 20 Things You Didn't Know](https://www.usgs.gov/media/videos/eros-radome-20-things-you-didnt-know)
* [Every Pixel—Ground Stations](https://eros.usgs.gov/media-gallery/video-landsat/every-pixel-ground-stations)
* [Every Pixel—Landsat’s Orbit](https://eros.usgs.gov/media-gallery/video-landsat/every-pixel-landsats-orbit)

**Related Episodes:**

* [Episode 127 – The Historic Landsat 7 Mission](https://www.usgs.gov/centers/eros/science/eyes-earth-episode-127-historic-landsat-7-mission)
* [Episode 108 – Landsat 8’s 100th Drag Make-Up Maneuver](https://www.usgs.gov/centers/eros/science/eyes-earth-episode-108-landsat-8s-100th-drag-make-maneuver)
* [Episode 81 – Tour of the EROS Radome](https://www.usgs.gov/centers/eros/science/eyes-earth-episode-81-tour-eros-radome)

**Keywords:** Earth Resources Observation and Science (EROS) Center, Eyes on Earth, Landsat, Landsat Missions Operations Center, LMOC, Antennas, Radomes, Data, Landsat Ground Stations, Landsat Archive

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**Homepage descriptor**: For this episode of our remote sensing podcast, we go inside the Landsat operations room at EROS to see what happens during a live Landsat pass.

**Topics:** Data, EROS, Landsat

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