

Montana Lidar Viewer

Quick help tips:

Filters - The project filters found on the left side of the screen use an "Any" statement and are best used one-at-a-time. Pick the filter that best matches your needs, then click the arrow (<) to move the window out of the way.

Full-screen - The application can be expanded to full-screen by closing the legend to reveal the full-screen button ("[]").

Downloads are available in two ways: 1. by full project; 2. by 24K quadrangle boundary (approx. 10km by 14km).

Full project downloads are per product: Digital Surface Model; (DSM) Bare-earth, hydro-flattened DEM (HFDEM), Intensity, or Hillshade). Full project downloads are very large (e.g, some are 10-20GB), but provide the convenience of working with a single file for an entire project, such as an entire county. To download by full project be sure the "Lidar Projects" layer is turned on in Map Layers, then click on a project shown on the map. The info popup window includes a project download link.

Quadrangle downloads provide all projects and all products clipped to the quad boundary. Quad downloads average around 1 to 2 GB. To download by quadrangle be sure the "Quads with Downloadable Lidar" layer is turned on in Map Layers, then click on a quad shown on the map to see the info popup. Quads use scale-dependent visibility (zoom in to display the layer).

What is available for download? Core products are available for most lidar projects collected since 2018. More projects will be made available for download in the future. MSL is adding the most recent lidar projects to downloads first, then working on projects with older collection dates.

Core downloadable products are: 1. Bare-earth, hydro-flattened Digital Elevation Model (HFDEM); 2. Digital Surface Model (DSM), 3. Intensity; 4. Hillshade; and metadata and project reports.

What is available by request only? Generally, projects older than 2018 are currently available by request only. Many of these projects will be made available in the future.

LAS points and contours are currently not available by download. Submit an online request form to get this data. Product availability varies by project

Request Only data is available by submitting an online request form here. [Click here to submit a lidar data request form.](#)

[Watch a help video here.](#)

Other ways to access lidar data and information:

- [Tabular list of Montana lidar projects, reports, and metadata](#)
- [Montana DNRC lidar project updates](#)
- [OpenTopography](#)
- [USGS National Map](#)
- [USGS 3D Elevation Program](#)