Montana Lidar Download Platform

Help Document

The Montana Lidar Download Platform ArcGIS Online web-application was designed to provide access to view and download lidar data throughout Montana.

Using the viewer can:

- Filter based on various items including:
 - Project Status, Age, and Quality Level
 - Projects with Data Currently Available for Download
 - Availability of contours and building footprints
- Preview and Download available Lidar Data
- Search by Address, Save and print maps, Measure distances and areas

This application was developed by the GIS programmers at the Montana State Library



Introduction to the Montana Lidar Download Platform

1

This application was built using Esri's ArcGIS Online platform. ArcGIS Online is a cloud-based environment for storing and managing geographic content. It enables users to create and share maps and explore data through a web browser. The Montana Lidar Download Platform was built from a web map within the web-based ArcGIS Online application.

Once you have navigated to the Montana Lidar Download Platform, your web browser will open using ArcGIS Online to a map of Montana and a display of Lidar Project Area boundaries in the foreground. The currently available lidar is also displayed as a hillshade from the bare earth digital elevation model. As you navigate to projects with lidar data available for download and zoom in, the USGS 24k topo quad boundaries will be displayed.

Help Document Outline

Step 1 – Selecting a Basemap
Step 2 – Viewing the Data Layers and Legend
Step 3 – Changing the map extent
Step 4 – Navigating to an area of interest, searching, and bookmarks
Step 5 – Tools: Measuring
Step 6 – Tools: Swipe
Step 7 – Tools: Printing
Step 8 – Identifying Features
Step 9 – Add a Marker, View Lat/Long, and get URL to share marker location
Step 10 – Viewing Layer Attribute Tables
Step 11 - Filters

Step 1 – Selecting a Basemap

Click on this icon to open the Basemap Gallery





Step 2 – Viewing the Data Layers and Legend

Step 3 – Changing the map extent – Zooming in or out





Step 5 – Tools: Measuring



Step 6 – Tools: Swipe



Step 7 – Tools: Printing



Step 8 - Identifying Features and Downloading Data

Back to Outline 9



Once you have navigated to an area at the level of detail you are interested in, click within the map to reveal the **Popup Window** that displays selected attributes of the Data Layers.

Only layers that are checked on in the Layer List and visible in the Legend will have a popup window open when you click in the map. Turn on all the layers you wish to view attributes for in the Popup Window.

The top left of the popup window will show how many layers have been opened (3 in this example). If there are several layers visible then click through the left and right arrows on the popup window to view the popup windows for other visible layers.

Click on Links in Popup to Download Data or View Reports



Show/Hide Map Overview

Step 10 – Viewing Layer Attribute Tables



Step 11 – Filters

