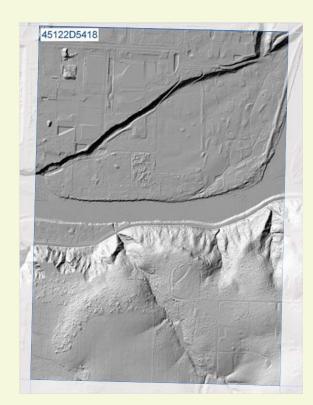


DOGAMI Lidar Data 7.5' Quadrangle (LDQ) Series Publications



What data does each LDQ publication DVD contain?

DOGAMI Lidar Data 7.5' Quadrangle Series publications generally contain a standard set of data files: a bare earth digital elevation model (DEM), a highest hit DEM, and intensity tiff images, all in ESRI grid format. *Grid data must be viewed using specialty GIS software.** Metadata, readme, shapefiles, extents, and 7.5 and 1/100th quad index files are also included. Example images are shown below for 1/100th of the Gladstone, Oregon, 7.5' quadrangle. All grid data have been tiled to USGS 7.5' quadrangles and referenced to Ohio Code (e.g., 45122D5 = Gladstone quadrangle). Intensity TIFFs have been tiled to 1/100th 7.5' quads and referenced to Ohio Code (e.g., 45122D5418).



Grid data enable users to create hillshaded lidar bare earth digital elevation model (DEM)

TIN (triangulated irregular network) interpolated grids created from lidar ground returns. Vegetation and buildings have been removed from data. This image shows 1/100th of the quadrangle; the publication includes the entire quadrangle.

*Speciality software is required to view grid data: e.g., ESRI ArcGIS; Microstation TerraSolid; VLS LIDAR Analyst; IDL/ENVI; ERDAS IMAGINE; Intergraph GeoMedia.



Grid data enable users to create hillshaded lidar highest-hit model

TIN (triangulated irregular network) interpolated grids created from the highest lidar elevation for a given cell. All vegetation and structures are visible in data. This image shows 1/100th of the quadrangle; the publication includes the entire quadrangle.

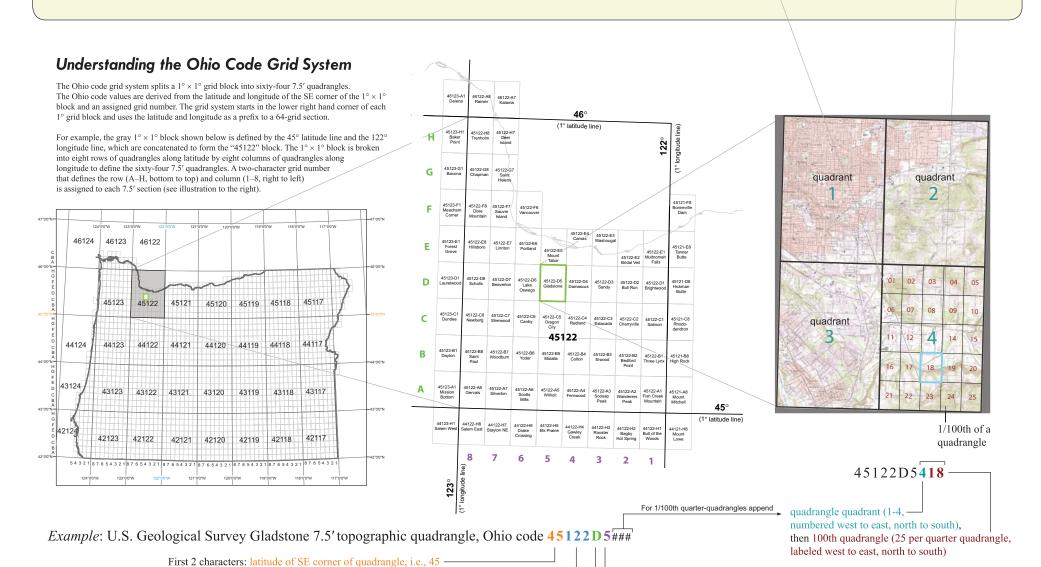


1/100th quadrangle intensity TIFFs

TIFF rasters built using returned lidar pulse intensity values gathered from highest hit returns. Intensity images look similar to a black and white digital orthophoto quad. This image shows 1/100th of the quadrangle; the publication includes the entire quadrangle.

DOGAMI Lidar Data Quadrangle map file projection parameters can be found in the embedded XML metadata for each grid folder file.

Typical DVD file size for an entire quadrangle is 2-4 GB.



Purchase DOGAMI publications at Nature of the Northwest Information Center 800 NE Oregon Street, #28. Suite 965 Portland, Oregon 97232 telephone (971) 673-2331 online www.natureNN.org



Next character: A-H lettering scheme (the rows of the 1° block labeled bottom to top), i.e., D—Next character: 1-8 numbering scheme (the columns of the 1° block labeled right to left), i.e., 5 -

Next 3 characters: longitude of SE corner of quadrangle, i.e., 122