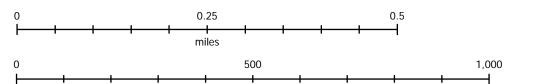


STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
VICKI S. McCONNELL, STATE GEOLOGIST



## Lidar Imagery Series

LIS-2010-45122F8-Dixie Mountain Lidar Imagery of the Dixie Mountain 7.5' Quadrangle, Washington, Multnomah, and Columbia Counties, Oregon





Data Source: Lidar data from DOGAMI and Puget Sound Lidar Consortium. Lidar flown 2005 and 2007.







The bare earth image is a representation of the earth's 
The highest hit image is a representation of the



bare earth image, this image shows features such as trees, buildings, and even cars.

The map images depicted here are examples by DOGAMI using GIS

Lidar Data Origins and Map Image Limitations

These maps were created using data derived from lidar (light available by DOGAMI as the Lidar Data Quadrangle (LDQ) series, are detection and ranging) technology. A lidar measurement system georeferenced raster grids (ESRI format) interpolated from the point collects huge quantities of three-dimensional point data where laser cloud data.

techniques to extract and emphasize selected features. These map The lidar all-returns point cloud data that are the original basis for images, the interpretative content displayed, and this lidar image these images were collected by Watershed Sciences Inc., TerraPoint, series are for general information purposes and are not intended to LLC, and Merrick and Company. The point cloud is a remotely sensed indicate the authoritative location or definition of real property collection of three-dimensional point data that are systematically boundaries, the precise shape or contour of the earth, or the precise calibrated relative to GPS ground control points. location of fixed works of humans. No warranty, expressed or implied, is made regarding the accuracy or utility of the information

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