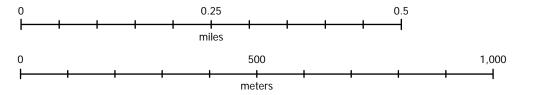


STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
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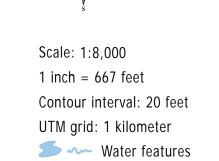
Lidar Imagery Series

LIS-2010-45122D6-Lake Oswego Lidar Imagery of the Lake Oswego 7.5' Quadrangle, Clackamas, Multnomah, and Washington Counties, Oregon





Data Source: Lidar data from DOGAMI and Puget Sound Lidar Consortium. Lidar flown 2004, 2005 and 2007. Hydrology features digitized from lidar data by DOGAMI. Feature names from Google Maps, U.S. Bureau of Land Management, U.S. Geological Survey, and ESRI. Contours derived from bare earth elevation model smoothed by 60' x 60' averaging kernel. Map projection: Universal Transverse Mercator Zone 10 North, North American Datum 1983.



Bare Earth Image



trees, buildings, and even cars.

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

techniques to extract and emphasize selected features. These map

implied, is made regarding the accuracy or utility of the information

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.

The map images depicted here are examples by DOGAMI using GIS 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

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