Lidar Imagery of the Northwest Quarter of the Canby 7.5’ Quadrangle

Lidar Imagery Series

This product was generated from a remotely sensed (LiDAR) data set acquired by the Oregon Department of Geology and Mineral Industries (DOGAMI) and funded by the Oregon Watershed Enhancement Board. The original LiDAR data was collected by Watershed Sciences, Inc. and TerraPoint, LLC in 2004 and 2007 respectively, and converted to a digital elevation model (DEM) at the time of generation by DOGAMI.


Contours derived from bare earth elevation model smoothed by 60' x 60' averaging kernel. Hydrology features digitized from lidar data by DOGAMI. Feature names from Google Maps, Cartography by Jed Roberts and Sarah Robinson, Oregon Department of Geology and Mineral Industries.

Lidar Imagery Series was created by a team of cartographers at the Oregon Department of Geology and Mineral Industries.

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This is achieved by post-processing lidar point data.

This document contains an important disclaimer, which states: "This document contains an important disclaimer, which states: "The bare earth image is a representation of the earth's surface stripped of man-made objects and vegetation. The bare earth image, this image shows features such as trees, buildings, and even cars.

The services provided and map products produced by Watershed Sciences, Inc. and TerraPoint, LLC were performed under the detection and ranging) technology. A lidar measurement system collects huge quantities of three-dimensional point data where laser pulses have been reflected off opaque objects such as buildings, trees, bushes, and the ground surface. The lidar all-returns point cloud data that are the original basis for the DEM. The DEM is used to create a bare earth image, which shows the earth's surface stripped of man-made objects and vegetation.

The point cloud is a remotely sensed surface models (DEM) produced by the three companies and made by the thre..."