

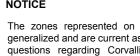


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The lidar data used to create this map were collected from a light aircraft carrying a highly accurate laser scanner. The scanner makes over 100,000 measurements each second to build up a three-dimensional "point cloud" model of the surface of the earth and the vegetation and structures on it. A computer sorts the points, separating those that measure the ground from those that measure trees and buildings. Images derived from these sets of points are then merged with aerial photography and other forms of digital map data to create the image you see.

The Oregon Department of Geology and Mineral Industries (DOGAMI) has been collecting lidar data in Oregon since 2006. The goal is to cover the entire state as funding for data collection becomes available. Funding comes through the Oregon Lidar Consortium, which is a wide-ranging partnership of government agencies that pool funds through DOGAMI. You can learn more about lidar and view lidar images of other parts of Oregon at www.OregonGeology.org



from the City of Corvallis Community Development This map is not intended to provide authoritative locations for any of the features depicted. Although it is derived from highly accurate lidar imagery, it should not be used for engineering or survey purposes.

Department Planning Division (2006). School data from National Center for Education Statistics (2011). National Agriculture Imagery Program (NAIP) orthophoto from the U.S. Department of Agriculture (2009).



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> OPEN-FILE REPORT 0-11-07 Cartography by Tracy Pollock