

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

OPEN-FILE REPORT O-11-02
Cartography by Tracy Pollock

NOTICE

The zones represented on this map have been generalized and are current as of January 2011. Specific questions regarding Salem zoning should be directed to the City of Salem Community Development Department.

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.

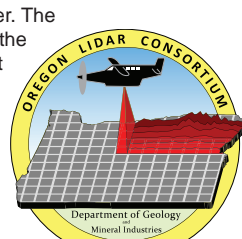
Data sources: Lidar elevation data and other lidar derivative products provided by DOGAMI through partnerships formed through the Oregon Lidar Consortium (2010).

Street data from ESRI (2008). Zoning (2011) and school (2009) data from the City of Salem. Park and city boundary data modified from City of Salem development and recreation maps. All street data were spatially corrected by DOGAMI using lidar data. Water features were created by DOGAMI using lidar data.

WHAT IS LIDAR?

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 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



For copies of this publication contact:
Nature of the Northwest Information Center
800 NE Oregon Street, #26, Ste. 965
Portland, Oregon 97232
telephone: (971) 673-2331
<http://www.NatureNW.org>