





Software: Esri ArcGIS 10.0, Adobe Creative Suite 5.

Projection: North American Datum 1983, Lambert Conformal Conic. Grid ticks displayed in latitude and longitude.

Source data: Lidar data from DOGAMI Lidar Data Quadrangles LDQ-2010-44122D7-Waterloo, LDQ-2010-44122D8-Brownsville, LDQ-2010-44122E7-Onehorse Slough, LDQ-2010-44122E8-Lebanon, LDQ-2010-44122F7-Scio, LDQ-2010-44122F8-Crabtree, LDQ-2010-44122G7-Stayton, LDQ-2010-44122G8-Turner, LDQ-2010-44122H8-Salem East, LDQ-2010-44123D1-Halsey, LDQ-2010-44123D2-Peoria, LDQ-2010-44123D3-Greenberry, LDQ-2010-44123D4-Flat Mountain, LDQ-2010-44123E1-Tangent, LDQ-2010-44123E2-Riverside, LDQ-2010-44123E3-Corvallis, LDQ-2010-44123E4-Wren, LDQ-2010-44123F1-Albany, LDQ-2010-44123F2-Lewisburg, LDQ-2010-44123F3-Airlie South, LDQ-2010-44123G1-Sidney, LDQ-2010-44123G2-Monmouth, LDQ-2010-44123G3-Airlie North, LDQ-2010-44123G4-Falls City, LDQ-2010-44123H1-Salem West, LDQ-2010-44123H2-Rickreall, LDQ-2010-44123H3-Dallas, LDQ-2010-44123H4-Socialist Valley. Highway (2008), road (2008), and city limit (2007) vector data from Oregon Department of Transportation. County vector data (2007) from Bureau of Land Management. 100-year flood zones (2003, 2006, 2011) from Federal Emergency Management Agency (FEMA) flood insurance rate maps (FIRMs). Stream data (2004) from Environmental Systems Research Institute (Esri).

This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or survey purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

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 other objects such as trees or buildings. Images derived from these sets of points are then merged with other forms of digital data to create this map.

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 the data collection becomes available. You can learn more about lidar and view lidar images of other parts of Oregon at www.OregonGeology.org.

