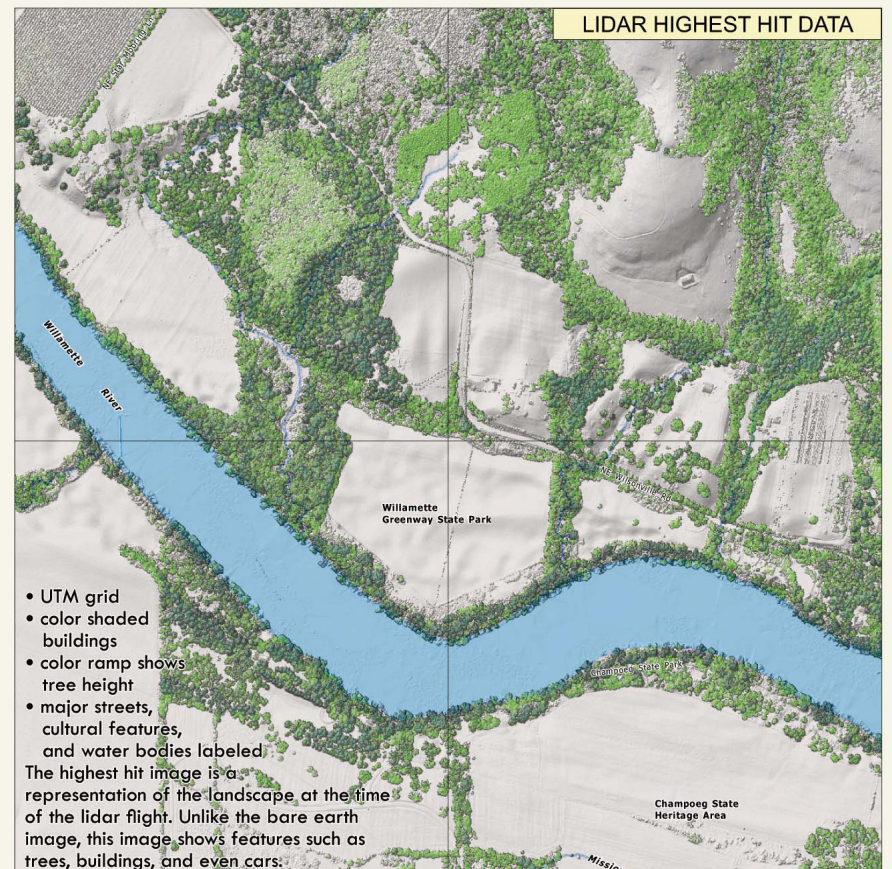
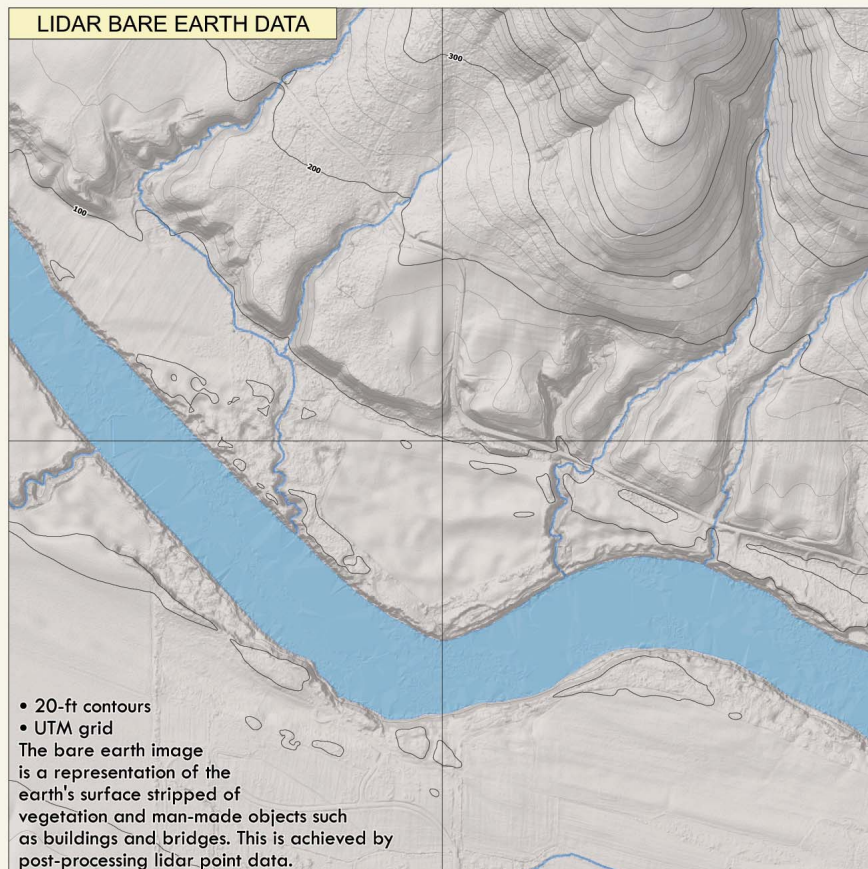


# DOGAMI Lidar Imagery (LIS) Series Publications

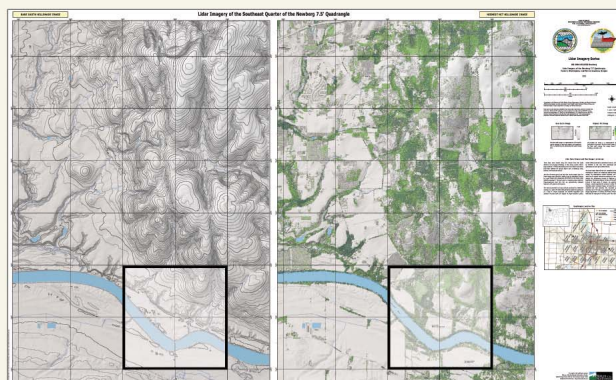


## What does each LIS publication contain?



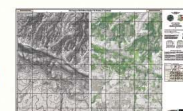
SE quarter of Newberg  
7.5' quadrangle  
Ohio Code 45122C84

- scale 1:8,000
- 360 dpi



4 quarter quadrangle map sheets in each 7.5' quadrangle publication: Each quarter quadrangle sheet contains a bare earth and a highest hit image.

NW



NE



SW



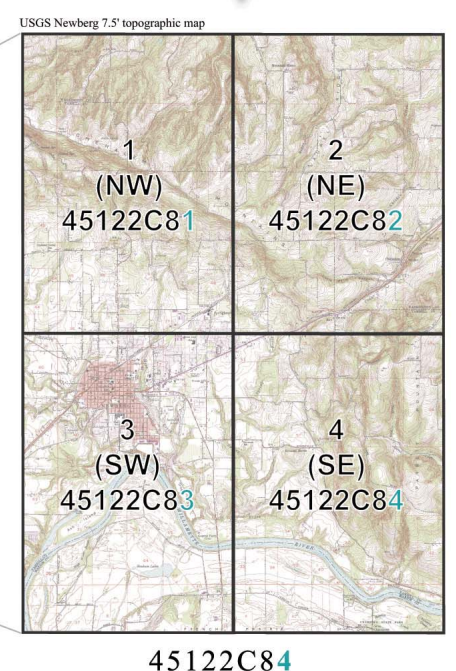
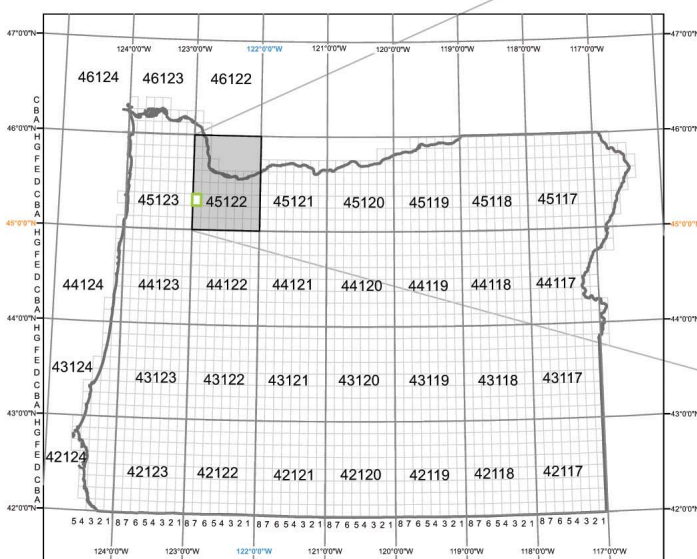
SE



## Understanding the Ohio Code Grid System

The Ohio code grid system splits a  $1^\circ \times 1^\circ$  grid block into sixty-four 7.5' quadrangles. The Ohio code values are derived from the latitude and longitude of the SE corner of the  $1^\circ \times 1^\circ$  block and an assigned grid number. The grid system starts in the lower right hand corner of each  $1^\circ$  grid block and uses the latitude and longitude as a prefix to a 64-grid section.

For example, the gray  $1^\circ \times 1^\circ$  block shown below is defined by the  $45^\circ$  latitude line and the  $122^\circ$  longitude line, which are concatenated to form the "45122" block. The  $1^\circ \times 1^\circ$  block is broken into eight rows of quadrangles along latitude by eight columns of quadrangles along longitude to define the sixty-four 7.5' quadrangles. A two-character grid number that defines the row (A–H, bottom to top) and column (1–8, right to left) is assigned to each 7.5' section (see illustration to the right).



Example: U.S. Geological Survey Newberg 7.5' topographic quadrangle, Ohio code **45122C8#**

First 2 characters: **latitude of SE corner of quadrangle, i.e., 45**  
Next 3 characters: **longitude of SE corner of quadrangle, i.e., 122**  
Next character: A-H lettering scheme (the rows of the  $1^\circ$  block labeled bottom to top), i.e., **C**  
Next character: 1-8 numbering scheme (the columns of the  $1^\circ$  block labeled right to left), i.e., **8**

quadrangle  
quadrant (1-4,  
numbered west to  
east, north to south)

For more information about lidar and the Oregon Lidar Consortium, visit [www.OregonGeology.org](http://www.OregonGeology.org)

Purchase DOGAMI publications at  
Nature of the Northwest Information Center  
800 NE Oregon Street, #28, Suite 965  
Portland, Oregon 97232  
telephone (971) 673-1555  
online [www.naturenw.org](http://www.naturenw.org)

