# LIDAR in the Pines Classic

by Boyd Ostroff, revised 1/14/2018

LIDAR in the Pines is a map of Southern New Jersey that merges aerial photography with LIDAR data to produce a 3d effect accenting surface features that wouldn't otherwise be visible.

1/9 arc second DEM (Digital Elevation Model) data provides 3d terrain for **LIDAR in the Pines**. New Jersey 2007-2008 aerial photography was mapped onto the 3d terrain and lighting, color and other parameters were tweaked to reveal as much surface detail as possible.

This map was originally introduced in 2015 in Garmin's **Custom Map** format. It has now been converted to the **Mobile Atlas Creator** universal format, which allows you export it for use in popular smartphone apps on iOS and Android. The original Garmin format map is still available for download as "**LIDAR in the Pines for Garmin**", however this universal version is better because you can choose exactly the area you want (the older version forces you to load entire USGS quads).
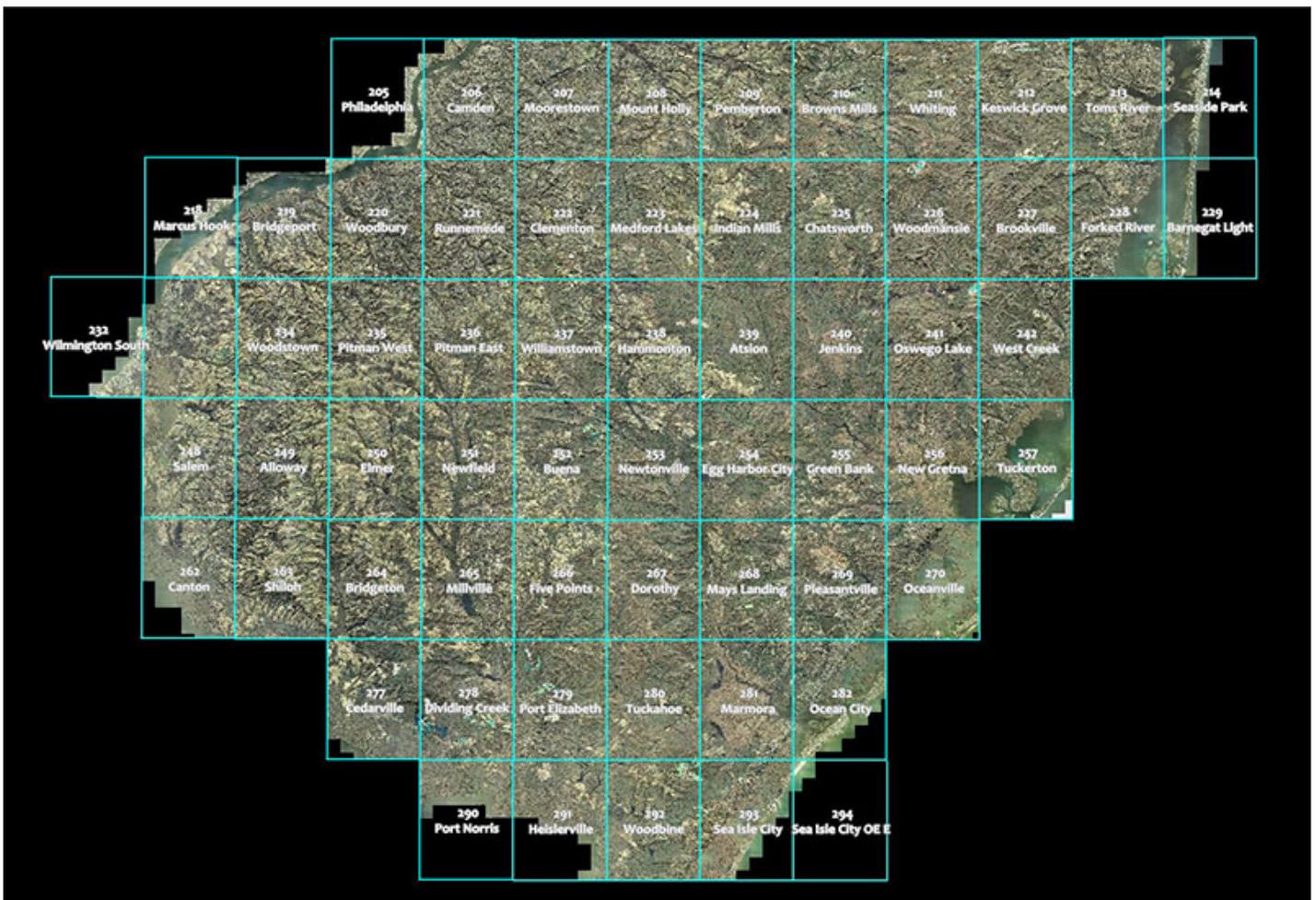
Map Installation

Before installing the map, please read the license agreement at the end of this document.

This map requires **Mobile Atlas Creator** (MOBAC) on your computer. If you have not yet installed **MOBAC**, you must install it before proceeding. The included file **tutorial.pdf** includes detailed instructions. After installing **MOBAC** you may proceed with map installation, which is very simple and only involves moving two files.
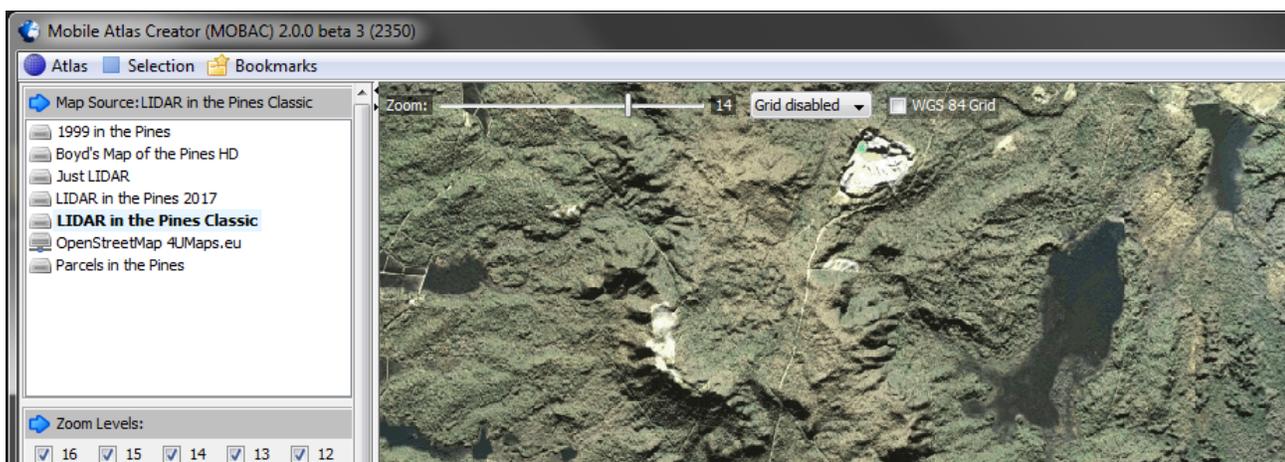
First, move the file named **boydmapLP.mbtiles** to the **Mobile Atlas Creator** folder
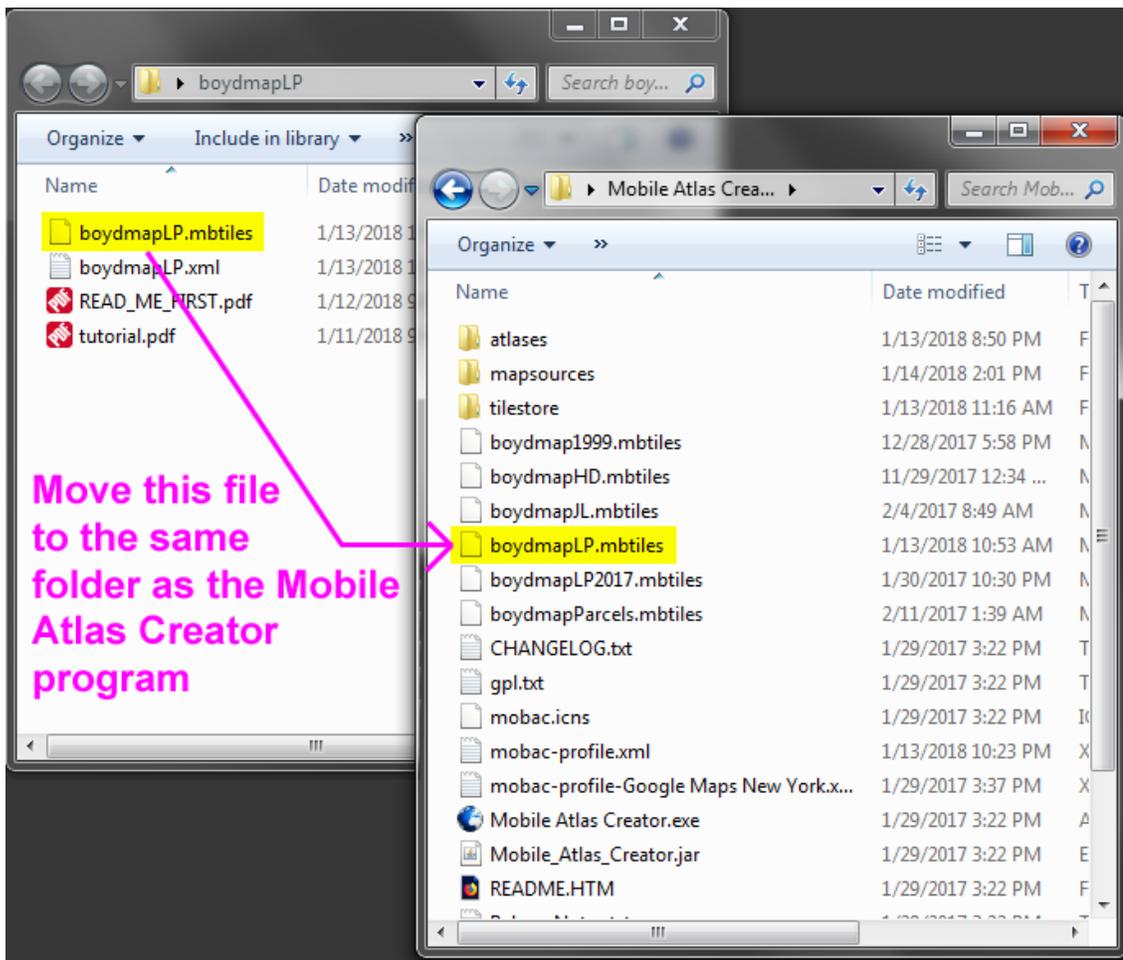
Then move the file named **boydmapLP.xml** to the **mapsources** folder
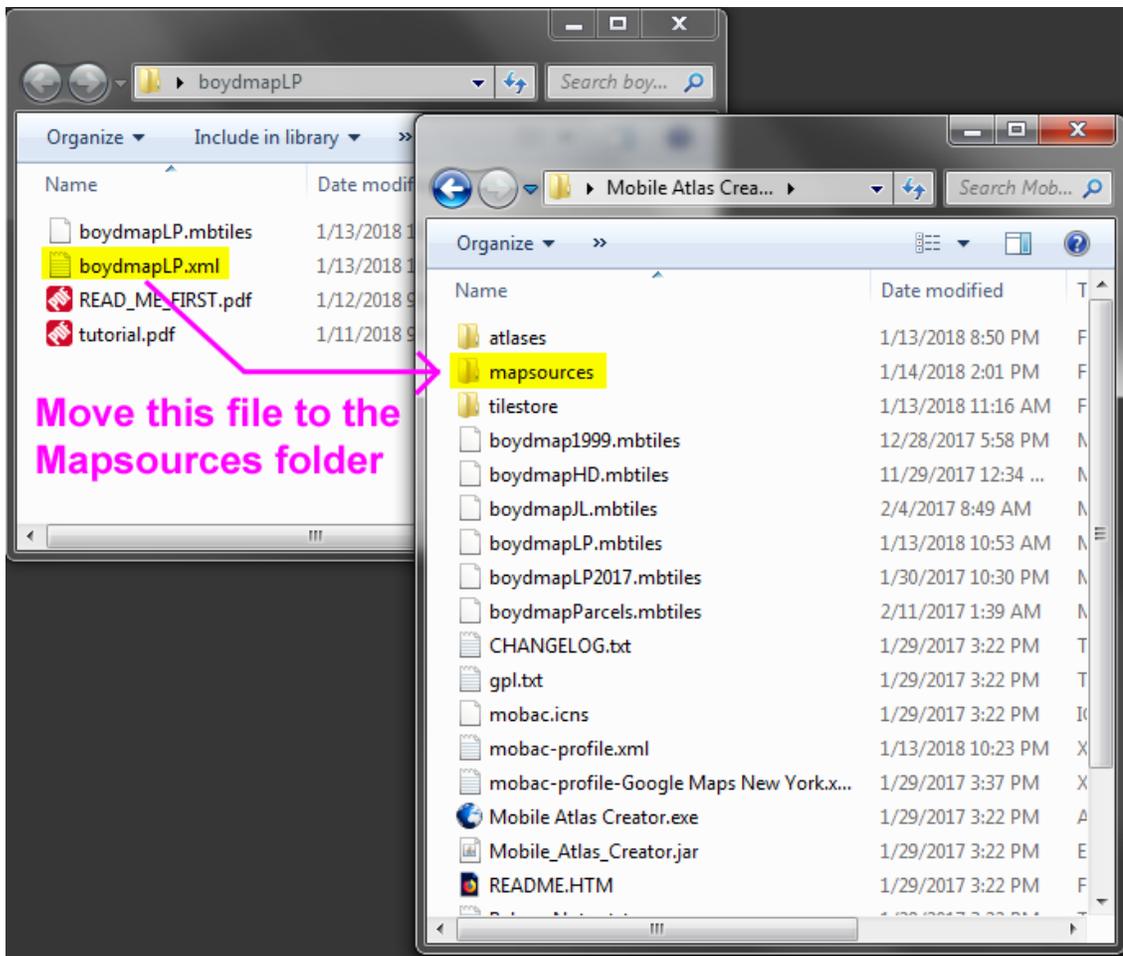
Start **Mobile Atlas Creator** and you should be able to choose **LIDAR in the Pines Classic** from the Mapsource list.

See the **tutorial.pdf** file that is included in this distribution for help with **Mobile Atlas Creator**. It includes step-by-step instructions for installing the map on smartphones, handheld GPS units and computers.

Resources

Download the map: *https://boydsmaps.com/lidar-in-the-pines-classic/*

Read the **Mobile Atlas Creator** tutorial:
https://boydsmaps.com/docs/Using-Mobile-Atlas-Creator-with-Boyds-Maps.pdf

Visit *https://boydsmaps.com* for more maps

Data Sources

3DEP 1/9 arc-second LIDAR DEM (Digital Elevation Model) data provided by the US Geological Survey, Department of the Interior

https://catalog.data.gov/dataset/national-elevation-dataset-ned-1-9-arc-second-downloadable-data-collection-national-geospatial

New Jersey 2007-2008 High Resolution Ortophotography provided by the NJ Office of Information Technology (NJOIT) and Office of Geographic Information Systems (OGIS)

https://njgin.state.nj.us/NJ_NJGINExplorer/ShowMetadata.jsp?docId={DC1F4E29-28A5-11DB-9EFE-0003BA2C919E}

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