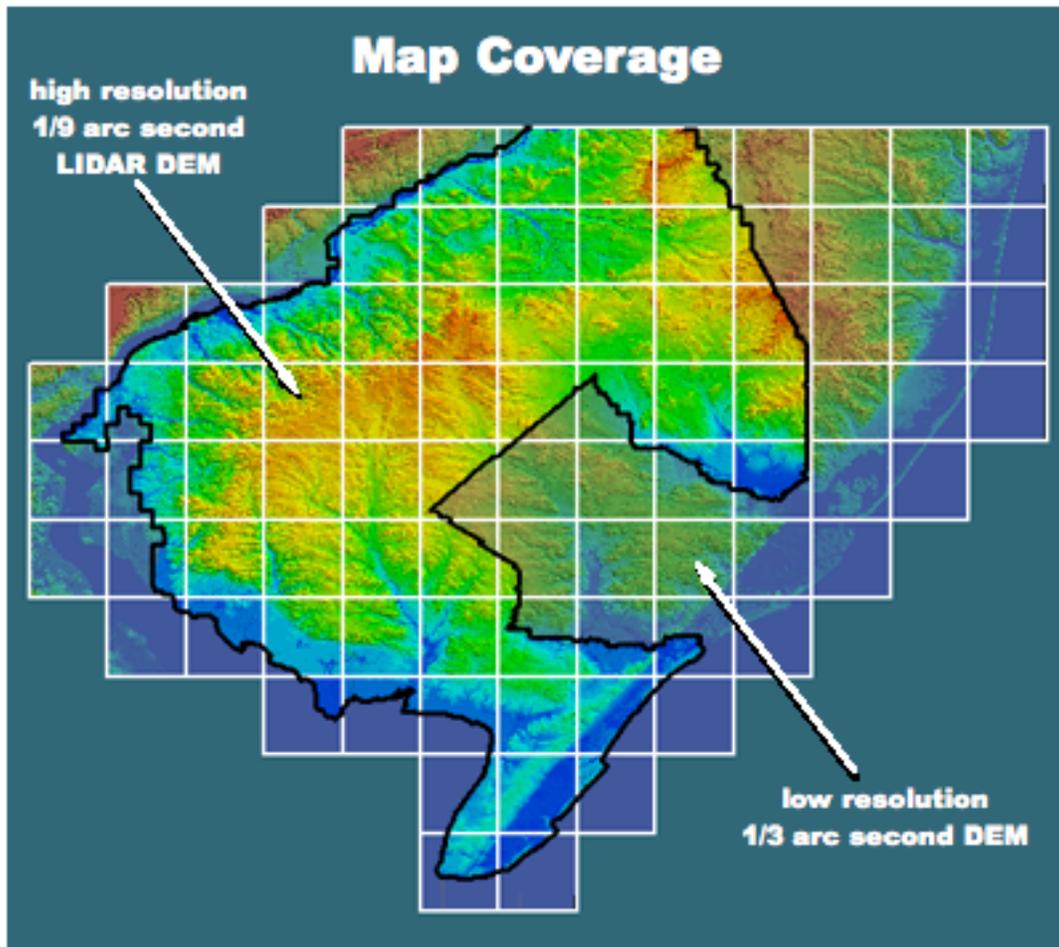


# Boyd's Map of the Pines / LIDAR Edition

*Version 1.0, January 29, 2012*

This map provides colorful and highly detailed shaded terrain for the southern half of New Jersey (total of 87 USGS 24k quads) based on USGS National Elevation Dataset 1/9 arc second LIDAR DEM. It is compatible with all Garmin mapping GPS receivers as well as Garmin desktop software on both the Macintosh and Windows.

To make this map compatible with all Garmin devices and software, the original imagery was converted to Garmin's vector format at reduced resolution using special techniques and software developed by the author. Although all of Southern New Jersey is covered, please note that LIDAR data was only available for a portion of the area. You will notice a significant lack of detail outside the LIDAR coverage.



# Driving Northeast

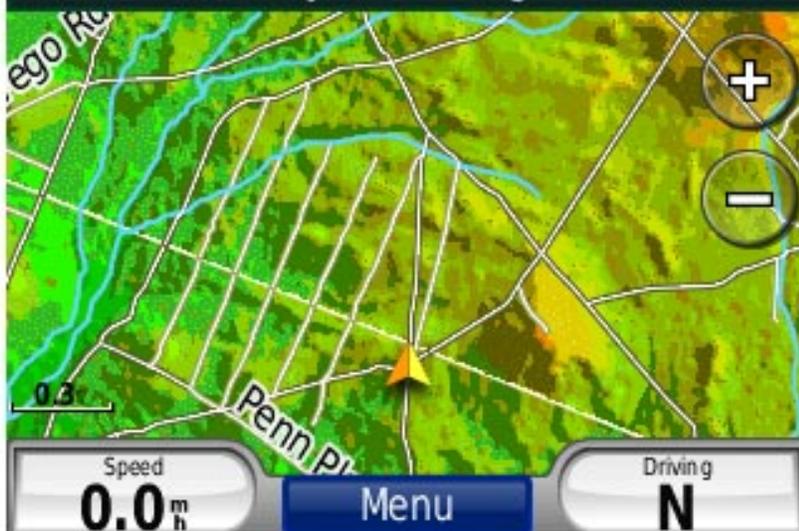


nuvi 3790



montana 600

# Ready to Navigate



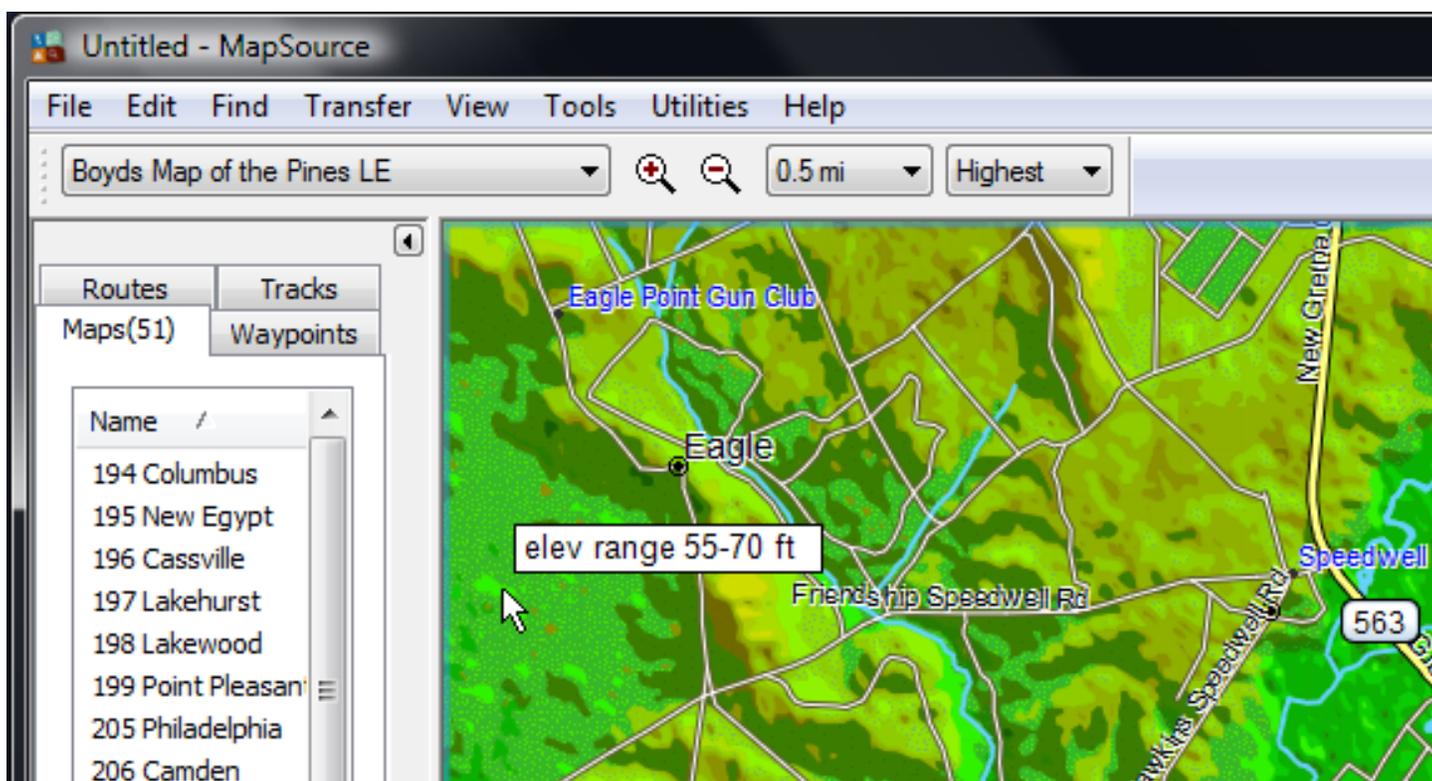
nuvi 205



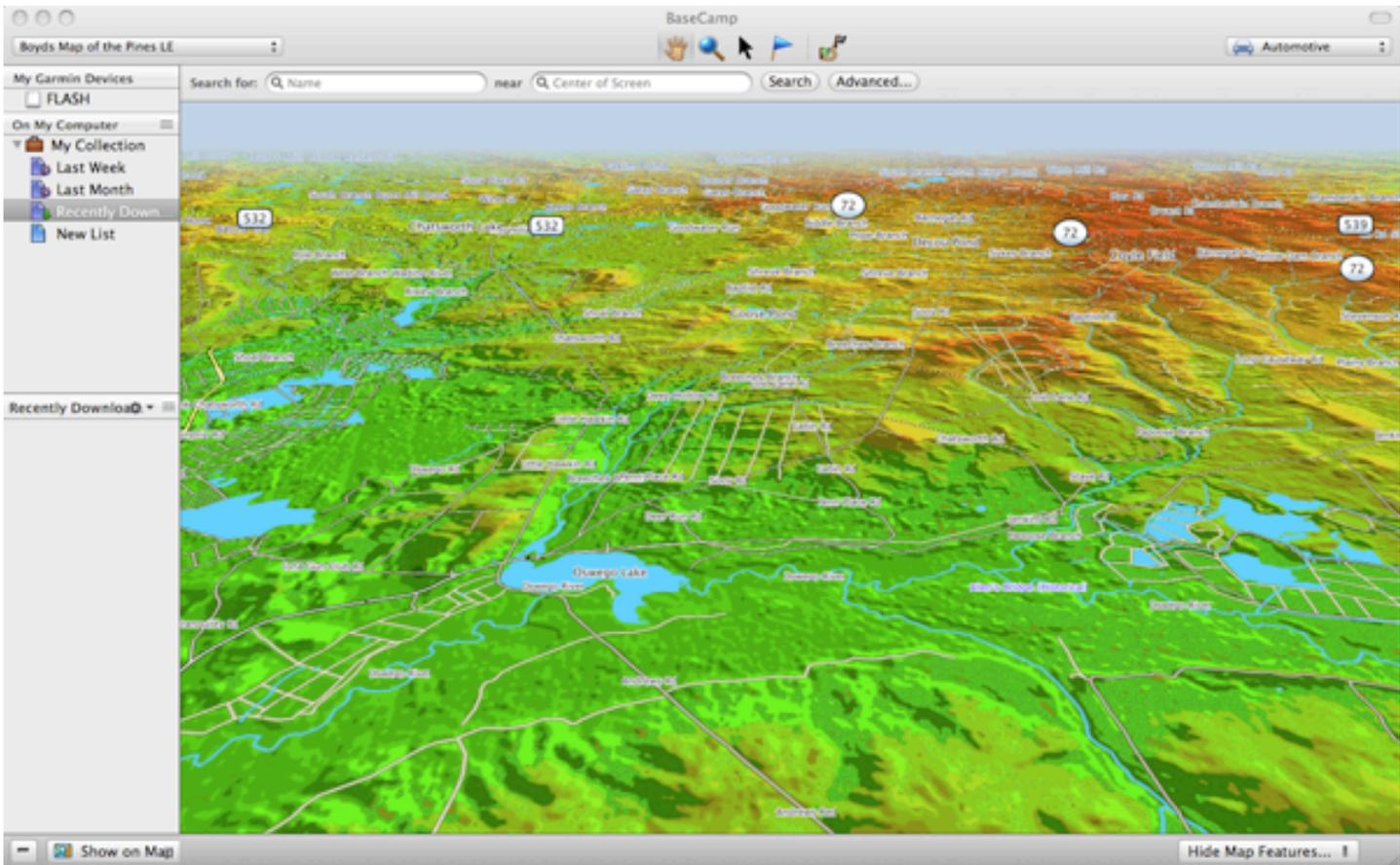
GPSMap 60csx



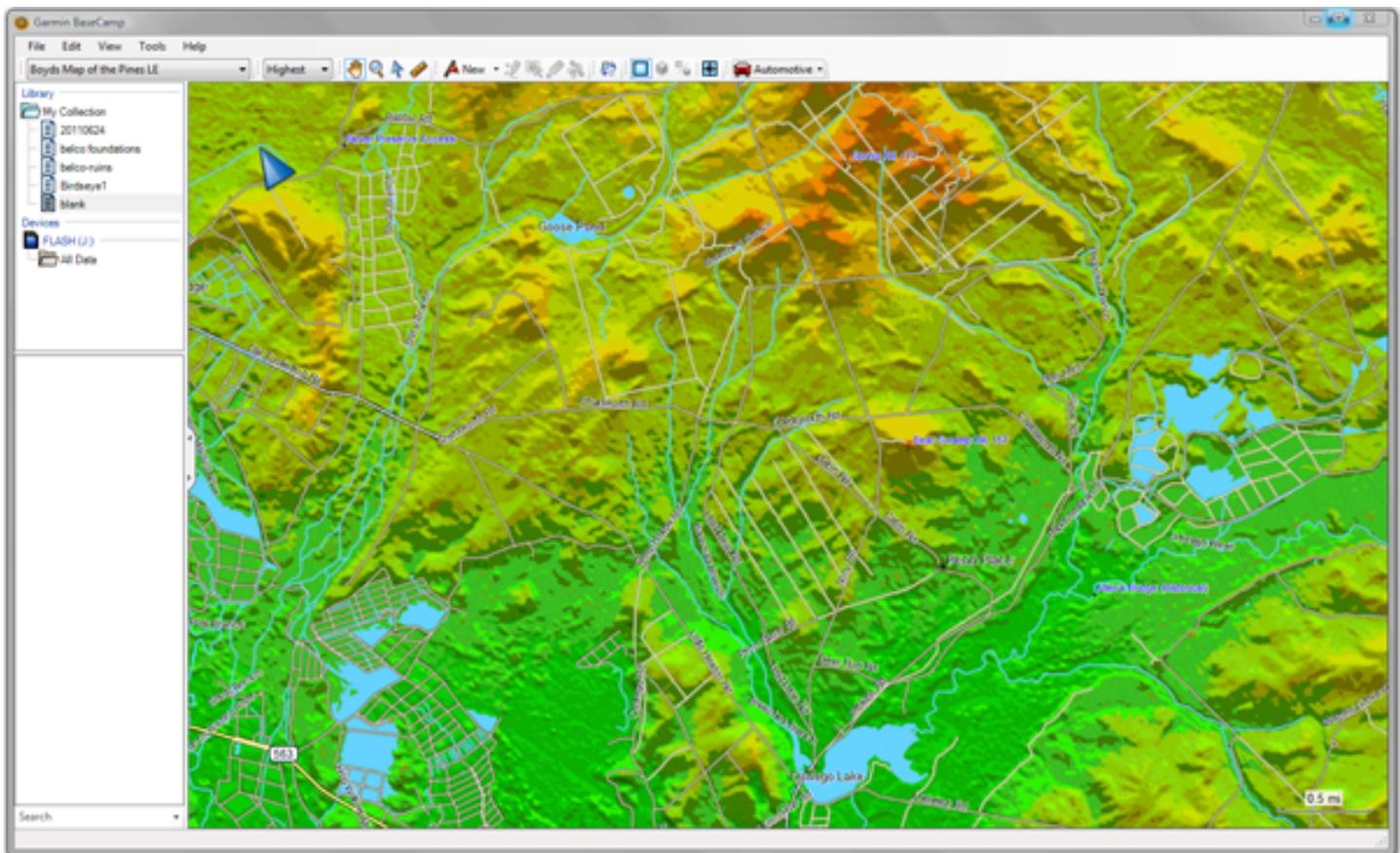
Approximate elevation scale



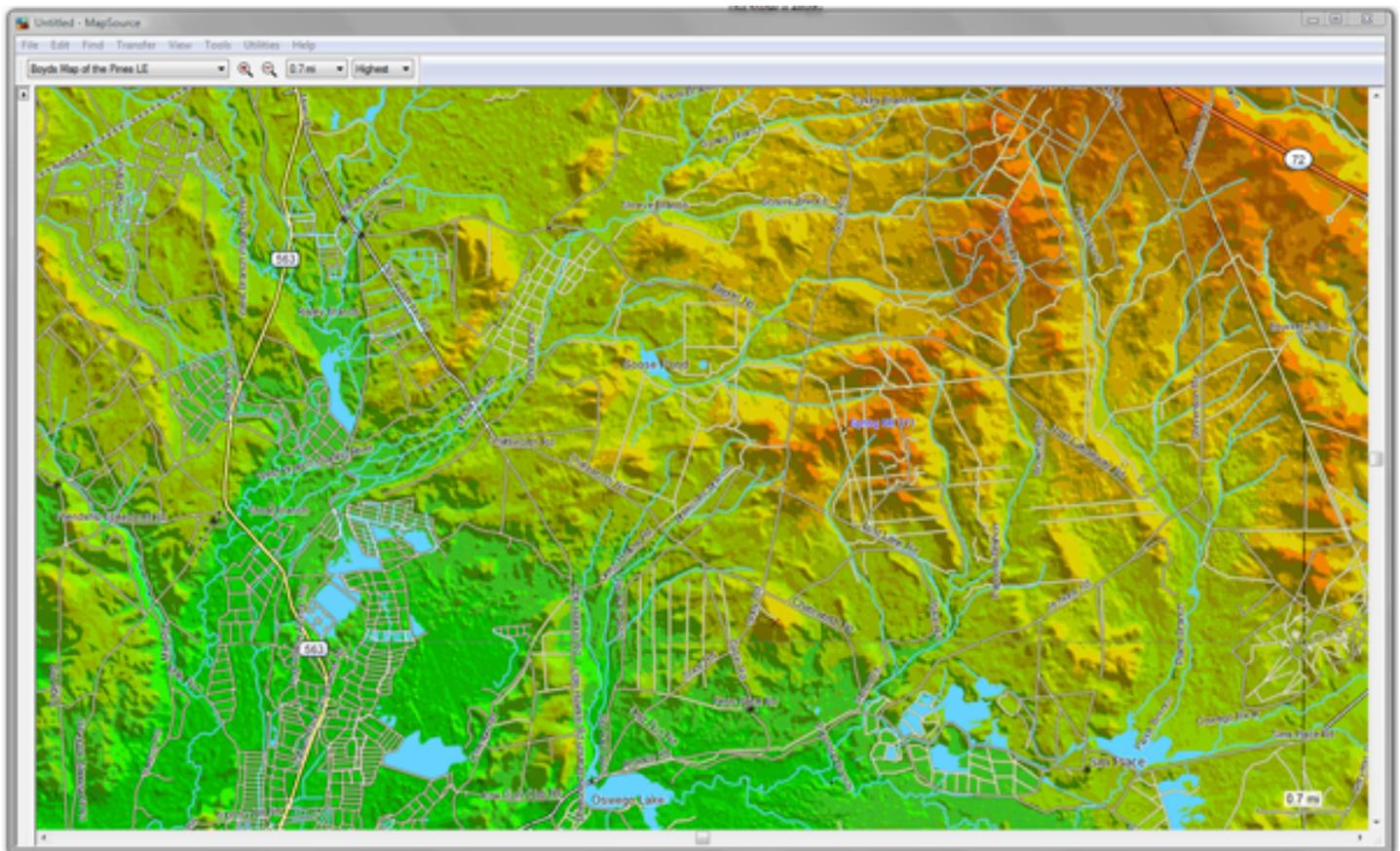
Approximate elevation is displayed at cursor position



Macintosh Basecamp



Windows Basecamp



Mapsource



Displays guidance info on map when used with Garmin City Navigator® on compatible devices

## Important Technical Note

Although this map has been tested on a variety of devices, the very high level of detail might cause issues on some units. For this reason, please load this map on a memory card for testing if possible instead of installing in internal memory. In the unlikely event that the map causes your GPS to become unresponsive, you can simply remove the memory card to correct the problem. After confirming that the map works properly on your device, it is suggested that it then be installed in internal memory if available. You may notice a significant improvement in performance when the map is installed in internal memory, due to the speed at which data can be accessed.

## Compatibility

### Windows XP, Windows Vista, Windows 7

- Garmin Basecamp 2.08 or newer
- Garmin Mapsource 6.14.1 or newer

### MacOS X 10.4 or newer

Garmin Basecamp 2.1.2 or newer

## Installation

### Windows

First, install Garmin Basecamp unless Mapsource is already installed on your computer. Basecamp is available at [http://www8.garmin.com/support/download\\_details.jsp?id=4435](http://www8.garmin.com/support/download_details.jsp?id=4435)

After downloading, right-click the .zip file and choose "Extract All...". Double-click the file named *Windows Installer.exe* and follow the instructions. The maps will now be available for viewing in Basecamp or Mapsource, where they may also be sent to your GPS device.

To remove the map from your computer, use the *Programs and Features* control panel (Windows 7 and Vista) or *Add/Remove Programs* (Windows XP). Select *Boyds Map of the Pines LE* from the list of programs and click the Uninstall button.

### Macintosh

First, install Garmin Basecamp if it is not already on your computer. Basecamp is available here (MacOSX 10.5.8 or newer req'd): [http://www8.garmin.com/support/download\\_details.jsp?id=4449](http://www8.garmin.com/support/download_details.jsp?id=4449)

For older versions of MacOSX, use this version of Basecamp:  
[http://www8.garmin.com/support/download\\_details.jsp?id=4939](http://www8.garmin.com/support/download_details.jsp?id=4939)

It is important that you install Basecamp *before* attempting to install this map or the downloaded file will not be correctly recognized. After downloading, double-click the .zip file to extract the compressed files. Double-click the file named *Boyds Map of the Pines LE.gmapi*. Follow the prompts for Garmin MapManager to install the map. After installation the map can be viewed with Basecamp and sent to your GPS device with MapInstall.

To remove the map from your computer, run the Garmin MapManager program (found in your Applications folder). Select *Boyds Map of the Pines LE* and choose File > Delete Map.

## Data Sources

This map uses the same road, trail, hydrology and POI data as *Boyd's Map of New Jersey 2012*. A partial list of data sources follows

Guy Thompson's Pine Barrens Points of Interest  
NJDEP State Forest Trail Maps  
NJDEP Placenames  
NJDOT County Map Series  
USGS National Elevation Dataset 1/3 arc-second DEM  
USGS National Elevation Dataset 1/9 arc-second LIDAR DEM  
USGS National Hydrology Database  
US Census Bureau TIGER/Line® Shapefiles  
US Census Bureau GNIS Place Names

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