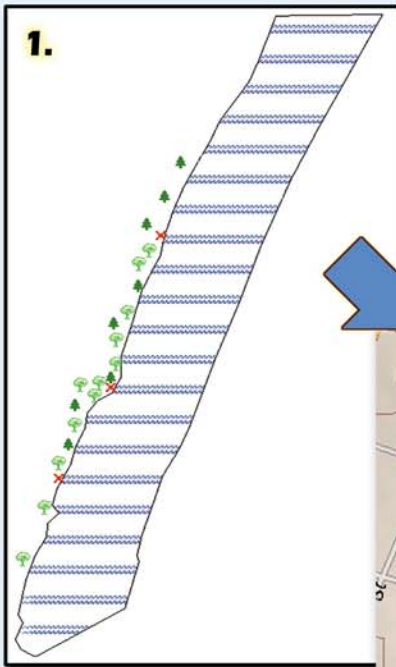


## BASEMAPS

# PC-GPS 05

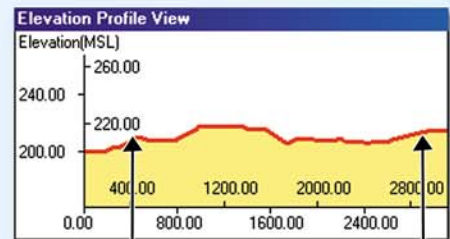


- ▶ **CoGo** (Coordinate Geometry) functions added
- ▶ Make **Contour** maps using DEMs
- ▶ **Customize** PC-GPS tool bars and pull-down menus
- ▶ Improved **Cruising Grid** function
- ▶ **Elevation Profiling** to see changes in elevation
- ▶ **Buffering** function for points, lines and areas



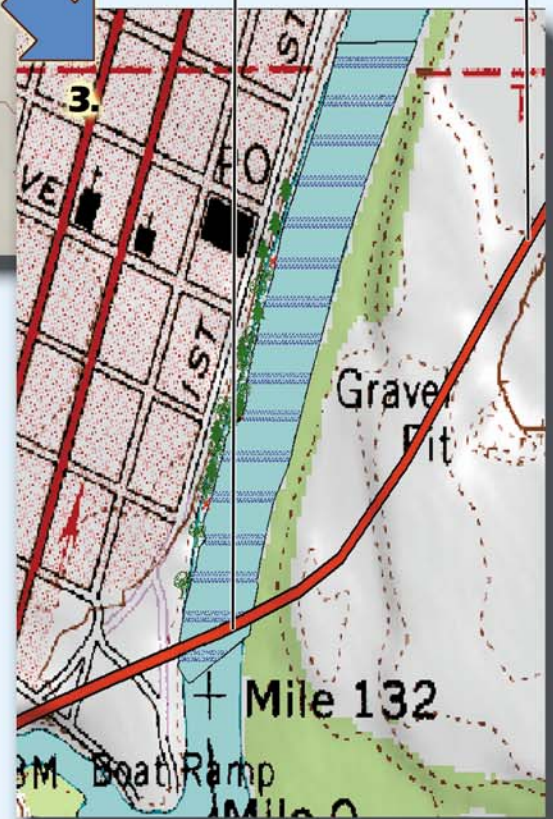
### Supported image formats:

- ❖ **GeoJPEG**
- ❖ **Geotiff**
- ❖ **MRSID® format**
- ❖ **JPEG2000**



1. Open your Job.
2. Basemap is automatically loaded in the background.
3. Overlay a topo or photo for an impressive GIS map!

- ▶ **Automatic BaseMap loading** w/ preset colors, patterns and labels
- ▶ **Intelligent labeling** for street names
- ▶ **Copy BaseMap elements** into your map as features
- ▶ Load Background Maps as a guide or reference
- ▶ **Built-in DEM** support for contour lines and **shaded relief** on BaseMaps.
- ▶ Create features from **Deed Call** text or create deed call text from features.
- ▶ Plot your maps or **print directly to an image**
- ▶ **Coordinate system recognition** for importing images and DXF Files
- ▶ Display **Bearings** or **Azimuth** when digitizing



Turn on BaseMaps, add DRGs, add imagery, link photos and reports, do CAD calculations to complete your map

**Easy to use and friendly to learn!**



## Enhancements over previous versions:

- ▶ **Basemap background data featuring Automatic Loading**  
Put your map into context with digitally enhanced Basemaps. **Automatic loading** takes the guesswork out of choosing the right map. Basemaps include layers for: **Roads**, Railroads, **Hydrology**, Transportation, **City Limits**, County Subdivisions, Landmarks, **Address ranges** and more.
- ▶ **Buffering function for Points, Lines, and Areas**  
Easily create **riparian areas**, **SMZ lines**, and other sensitive areas with buffering. **Multiple buffer zones** can be created for each feature at different intervals. Or, buffer just a **segment of a line** or area feature.
- ▶ **Expanded Symbol/Pattern Library**  
Choose from many new symbol libraries (**thousands of new symbols**), including specific symbols for: Utilities, **Forestry**, Conservation, **Environmental**, **Survey** and Transportation applications. Also, editing tools are provided to **combine**, **rotate**, **resize**, and **offset** symbols to create your own set of **customized** symbols.
- ▶ **"Plot to Image File" tool added to Plot Preview**  
Now you can **print** your maps **as image files** to share & distribute to others who have no GIS software.
- ▶ **Project Toolbar update: Customize point & line digitizing shortcuts**  
Name up to 30 **user-defined features** with **customized symbology** to fit your specific application.
- ▶ **Project Toolbar provides new "Power Line" shortcut for utility mapping**  
Adding Power line ROW features is now as easy as adding other Project Toolbar features.
- ▶ **Load imagery in MrSID® format, GeoJPEG, Geotiff & JPEG2000 formats**

## Many GIS functions:

- ❖ **Enhanced Display Photo** and **Multimedia** Function
- ❖ **USGS Quad reference** ID's built-in for easy selection of topo maps
- ❖ All Coordinate Geometry functions added (**CoGo**)
- ❖ **Customizable** menus and toolbars
- ❖ Map View enhanced with **Pan** and **Zoom to Previous** tools
- ❖ Digitizing features allows **snapping to other features**
- ❖ **Unitless scale** added to Map View and Plot Preview
- ❖ Dynamic display of distance and azimuth when measuring distance or digitizing
- ❖ **Batch import** of PC-GPS feature files (.FTR) and DXF files
- ❖ Pre-defined **pattern/symbol table** for displaying feature data

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