

GPS Hardware and Software Resource List

Hardware: GPS Receivers

Garmin: www.garmin.com

High-end

Unit: GPSMap 76Cx

Cost: \$535.70

Mid-priced

GPSMAP 76

\$199.99

Low-end

eTrex Legend

\$160.70

Magellan: www.magellangps.com

High-end

Unit: eXplorist XL

Cost: \$399.99

Mid-priced

eXplorist 500

\$199.99

Low-end

eXplorist 200

\$149.99

Lowrance: www.lowrance.com

High end

Unit: iFinder Hunt Color Plus

Cost: \$449.95

Mid-priced

iFinder H2O Plus

\$249.95

Low-end

iFinder H2O

\$165.95

Prices listed are recommended list price from manufacturer website. Most units can be found for a lower price at various stores and online, such as www.amazon.com, www.tigergps.com, and www.thegpsstore.com.

Software

Terrain Navigator by Maptech: www.maptech.com

Cost: \$99.95 per state.

Features: USGS topographic maps; 2-D and 3-D maps; upload and download routes, tracks, and waypoints; shows profiles of elevation over a route; personalize, then print maps showing your routes and waypoints. By purchasing Terrain Navigator Pro, you can access aerial photographs.

Mapsource by Garmin: <http://gpsnow.com/gmms.htm>

Cost: \$80 - \$120, depending on program

Features: view color maps; create waypoints, routes, and tracks, and transfer them between your GPS unit and computer. Send detailed maps from the computer to your GPS unit for maps that show minor roads and points of interest.

Expert GPS: www.expertgps.com

Cost: \$59.95

Features: exchange data with Excel, Topo, Terrain Navigator and others; connects your GPS to internet mapping and information sites giving access to street maps, weather forecasts, and attractions.

Topo USA 6.0 National by DeLorme: delorme.com

Cost: \$99.95

Features: 2-D and 3-D maps, profiles show elevation gains between points, draw on maps, measure linear distances, embed photos and URLs to maps, link digital photos to a GPS log to show where the picture was taken.

USAPhotoMaps by JDMCox Software: www.jdmcox.com

Cost: free

Features: downloads USGS aerial photo and topographical map data from Microsoft's free TerraServer Web site, saves it on your hard drive, and creates maps with GPS accuracy. You can go to any address, landmark, etc. and view its photo or topographical map. Add waypoints, routes, and text; transfer to and from your GPS unit.

Easy GPS: www.easygps.com

Cost: free

Features: upload and download routes and waypoints, create routes. This program is very basic, but very easy to use. You can change waypoint symbols, view and print simple maps of your routes and waypoints, and enter new coordinates. It does not show maps or terrain features.

GPS Utility: www.gpsu.co.uk

Cost: free

Features: transfer data to/from a GPS receiver and store the data in PC files in one of several text formats. The program converts between different map datums and many coordinate formats. Route and track statistics are available and can be transferred into other programs for analysis (i.e. spreadsheet programs).