

# MAPPING SOFTWARE, INTERNET APPLICATIONS, AND DOWNLOADING TO GPS

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## 1) Introduction: GPS for the directionally challenged

## 2) National Geographic TOPO! Software

---Review already created maps.

---Merge

---Flyover

---GPS route

---Print map

---Elevation map & print

---Load in GPS

---Live map updates

## 3) Downloading tracks & waypoints/Transferring to GPS

---[www.aztrail.org](http://www.aztrail.org) (Arizona Trail website) (S. Catalina Mtns.) (Map GPX)—track and/or waypoints

---[www.hikearizona.com](http://www.hikearizona.com) & **Mapsource** (TOPO! import handout) ---Loma Alta to Madrona

---TOPO! MWP (Name)      Directly to TOPO! (numerous waypoints)

---GPX Track (Name)      Yields track

---Goes to Mapsource (must 1<sup>st</sup> use Track Divide tool); transfer to GPS; from there to TOPO!

### Other websites:

---[www.gpsfiledepot.com](http://www.gpsfiledepot.com)—source of maps to download to GPS units with this feature (Need Mapsource software. This site describes how to get free copy.)

---[www.gps-tracks.com](http://www.gps-tracks.com)—shows tracks & waypoints on Google Earth for many European trails plus free downloads (need Mapsource)

---**demo. If time:** [gps-tracks.com-mainEn.asp](http://gps-tracks.com-mainEn.asp) in Favorites (Stechelberg, Sefinen Valley, Rotstockhutte, Murren)

---[www.gpstracklog.com](http://www.gpstracklog.com)—GPS reviews, news, tips

---[www.natgeomaps.com](http://www.natgeomaps.com)—TOPO! site

---[www.garmin.com](http://www.garmin.com)—Garmin site