Navigation and Mapping IT Apps

North Florida Prescribed Fire Council
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Map Components

- Scale
- North Arrow
- Legend / Symbols
- Title
- Content
GPS

• Global Positioning Systems
• Battery Operated
• Pinpoint Location
• Navigate to Location
• Wide Area Augmentation System (WAAS)
• Record Data – Data Dictionaries

Garmin Basemap:
www.gpsfiledepot.com
Smart Phones

- Included Map Application
- Other Market Applications
  - Avenza PDF Maps
  - Glympse
  - ArcGIS Mobile
  - GPS Fields Area Measure (Android)
  - Measure Map* (Apple)
  - Maps Measure (Android)
  - MotionX GPS* (Apple)
  - Open GPS Tracker (Android)
  - Find My Friends (Apple)
Avenza PDF Maps

“The king of single-purpose maps.” –USA Today
Get maps.

- Quickly find maps that are near your location.
- Get featured maps and vendors here.
- Browse and scroll through the list to see more map categories.
- Tap the Store button to access thousands of maps in the Avenza Map Store.

Screen image shown on PDF Maps for iOS.
Find yourself.

The blue dot and cross hair shows your current position.

Drop placemarks at your location. Tap to edit attributes.

Your location based on GPS reading. Tap to change the display format.

Screen image shown on PDF Maps for iOS

Tap GPS button to view your current location. Tap Placemark button to drop a placemark.
Use tools.

Tap the Tools button on any map view to access these tools:

- Find Coordinates
  - Search by coordinates
- Find Places
  - Search the web for locations
- Plot Photos
  - Add geotagged photo placemarks
- Record GPS Tracks
  - Create GPS tracks as you move
- Measure
  - Measure distance or area
- Open In Google Maps
  - Open current view in Google Maps

Search for points of interest. Placemarks drop at their location.

Add geotagged photos which automatically get plotted at its location on the map.

Record where you're going. Automatically keeps speed, distance and elevation.

Screen image shown on PDF Maps for iOS.
From PDF Maps Store

Choose from thousands of maps on the PDF Maps Store

From iTunes File Sharing

From Dropbox

From QR Code

FROM THE WEB

Type or Paste URL here

Most written communications to or from state employees are public records obtainable by the public upon request. Emails sent...
Find By Coordinates
Measure Distance or Area
Open View in Google Maps

Measure
Measure distance or area

Record GPS Tracks
Record movements as GPS tracks

Find Coordinates
Search by coordinates

Open In Maps App
Open current view in Maps App

Plot Photos
Add geotagged photo placemarks
“Avenza Maps is free for personal, non commercial use for recreation and general personal navigation.”

https://www.avenzamaps.com/commercial-usage/subscription.html
Garmin GPS
Connect Directly to GPS

GPX File
Download GPX File
Download CalTopo Backup with additional data

Google Earth
Download KML File
Glympse
User Details

Daniel Gutierrez
Sharing
last updated 1 min ago

Sharing location for 0:12
Speed (mph) 2.8
Estimated arrival in --

Copy Location to Clipboard (Daniel...)
Route to Daniel Gutierrez

Remove Daniel Gutierrez From Map
ArcGIS Mobile

- Explorer for ArcGIS
- Collector for ArcGIS
- Survey123 for ArcGIS
Explorer
Collector
Other Applications

• Incident Related
  – Wildland Fire Toolkit* (Apple)
  – Wildfire Ops
  – 911 Toolkit* (Apple)
  – Theodolite* (Apple)

• Weather
  – Fire Weather Calculator
  – Dark Sky* (Purchase on Apple, free on Android)
  – Wunderground
  – MyRadar Weather Radar
  – Lightning Finder*
  – WindNinja-Mobile
Thank You!

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