Garmin GPS III Plus

Data Collection

Objectives

Collect:
- Waypoints
- Average Position Waypoints
- Multiple Tracks in One Track Log
Summary of Topics

Mark Waypoint (hot key)
Average Position Waypoint
Active Track

Waypoints: Collecting Data with “Hot Key” Mark
Collect “Hot Key” Waypoint

Press and hold Enter (Enter/Mark)

Modify Mark Waypoint Screen (Optional)

Waypoint Name, max 6 characters

Waypoint Symbol

DO NOT EDIT—needed for ArcView

Current position

-All values frozen
-No values stored yet

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**Change Waypoint Symbol**

- Use Rocker Keypad
- Highlight Waypoint Symbol
- Press Enter

**Change Waypoint Name**

- Use Rocker Keypad
- Highlight Waypoint Name
- Press Enter
Use Rocker Keypad

Highlight "Done"

Press Enter

Display "Main Menu"

Press Menu Twice

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GPS for Fire Management - 2004

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Waypoints: Collecting Data with Averaged Waypoints
Collect Average Position - Start with Mark Waypoint

This will be name of Average Position when stored

Note initial position coordinates

Select Average Position

Press Menu
Press Enter

Note Estimated Accuracy and Measurement Count

Opens Average Position Page

Save Average Position

When Estimated Accuracy and Measurement Count are acceptable press “Save”
**View Stored Average Position**

No indication this is an Averaged Position - Document on Metadata Form!

**Caution When Viewing Map Page!**

If arrow present, then waypoint collected will be a Map Waypoint, not a GPS-calculated waypoint.
Track Logs: Collecting Data with the Active Track

Open Track Logs Page

Press Enter
Display “Track Log Options”

Press Menu

Display “Setup Logging”

Press Enter

Press Menu

TracBack
Save Active Log
Clear Active Log
Delete All
Setup Logging

Setup Logging

Record Mode
Off
Interval
Time
Interval Value
00:00:05
Start 1st Track Collection by Setting Record Mode to “Fill”

Stop 1st Track Collection by Setting Record Mode to “Off”
Press Quit

Check Memory

DO NOT CHOOSE “Save Active Log”

This option saves:
- only most significant positions
- maximum 250 positions
Start 2\textsuperscript{nd} Track Collection by Setting Record Mode to “Fill”

Stop 2\textsuperscript{nd} Track Collection by Setting Record Mode to “Off”
View Track Logs on Map Page

Press Page to get to Map Page back to Main Menu

Check Memory After Collecting 2nd Track

Note memory used increase as additional tracks are collected
Summary of Topics

Mark Waypoint (hot key)
Average Position Waypoint
Active Track