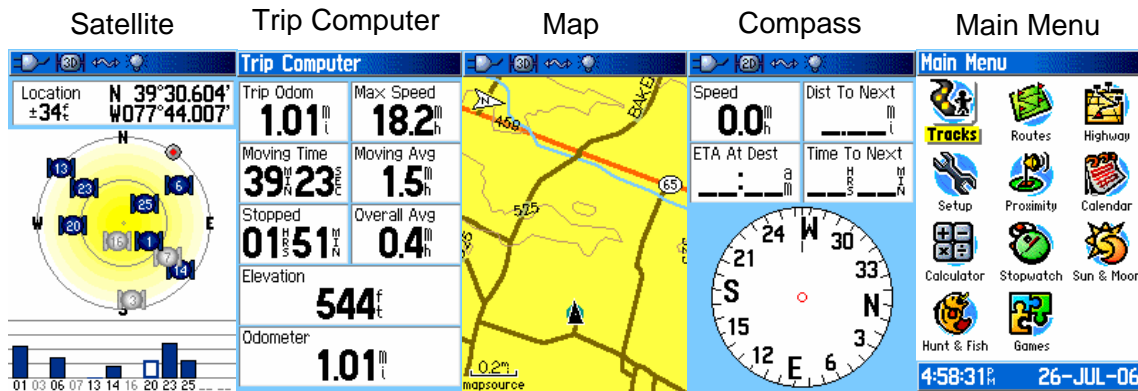


Activity 4

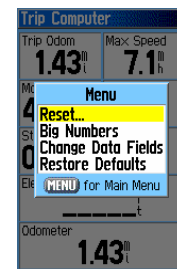
GPS Receiver Functions

The unit used throughout this training is the Garmin GPSMap76Cx. There are five screens that can be viewed in sequence by pressing the PAGE button.



While on any screen, press the MENU button once to get options for various functions. Press the MENU button twice from any screen to return to the Main Menu screen.

Menu



The three major tools for this GPS unit are waypoints, routes, and tracks.

Waypoints are pinpointed locations. You can create waypoints on a GPS unit or on a computer. A waypoint is created by holding down the ENTER button until the Mark Waypoint window appears.

By default, the GPS unit marks your current position for the waypoint you created. You can use the averaging tool to get a better estimate of your current location. Create a waypoint, highlight the Avg box at the bottom of the Mark Waypoint window, and press enter. Remain at the same spot, and as the unit takes more location measurements, it will average these points and the accuracy of your waypoint should increase. When you are satisfied with the accuracy, highlight Save and press enter.

If you want to create a waypoint for a location for which you know the coordinates, create a waypoint by holding down the ENTER button. Highlight the Location box and press enter. Using the on-screen number pad, you can now enter the correct coordinates.

To mark a waypoint at a certain point on a map, go to the map screen. Using the rocker, move the cursor to the desired location for the waypoint and hold down the ENTER button. You can then change the name and characteristics of this waypoint as with any other.

A route is a series of connected waypoints. A route can provide directions while you travel to waypoints. A route can be created using any waypoint or point of interest saved on the GPS unit.

To create a route from waypoints you have saved, from the main menu, select Routes>New>Select Next Point>Waypoints>your first point>Use>Select Next Point... Continue selecting waypoints to complete your route. Remember to use your starting point for the last waypoint if you want to end where you started.

To follow a route, select Routes from the main menu. Select the route, and you are given the options Navigate and Map. If you choose Map, the map screen will appear showing your route. If you choose Navigate, the unit will show directions to get you from your current location to the first waypoint in the route. When you reach the starting point, the unit will direct you to the next waypoint and so on throughout the route. You can follow directions on the map or compass screen. Remember to turn navigation off when you are finished since other features of the GPS unit can be hindered while navigation is on. To turn navigation off, press the menu button once and select Stop Navigation.

Tracks mark the path you travel. A track shows up on the map screen as a line of small dots. Tracks can be turned on or off, and can provide information such as the distance traveled or the area within the track.

To use tracks, select Tracks from the main menu. Turn tracks on by highlighting the On button at the top of the window and pressing enter. Save the last portion of the track by selecting Save. On the Saved Track window that appears, you are able to name the track and view the distance and area of the track.