

Manually Entering Coordinates into the Garmin Map 76CSx

Session Objectives - At the conclusion of this session you will be able to:

- Create a new waypoint and manually edit the coordinates in a Garmin Map 76CSx GPS unit, or any other Garmin Unit that is color. The “C” in the model name stands for “Color”.

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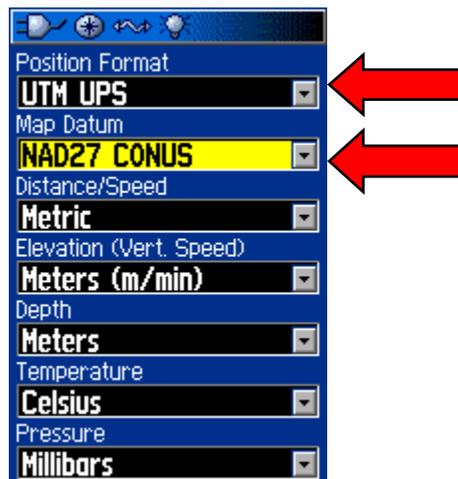
Revision: June 2010

GPS Unit: Garmin Map76CSx (but methods apply to all color models)

SECTION 1 – Changing Garmin GPS Settings

You will be entering the coordinates for the Mt. Wesley Church in Scrabble, West Virginia that were taken off a USGS 1:24,000 scale topological map. This map was in a different Datum than what the USFWS normally uses (NAD27 instead of NAD83). Therefore, you may need change a few Garmin setup parameters to ensure that the new coordinates you are about to enter match the datum and coordinate settings in the GPS unit.

1. Turn on your Garmin GPS unit and wait until the **Satellite Page** appears.
2. To view the setup parameters press the **MENU** button twice. The **Main Menu Page** will appear.
3. Select the **Setup** icon and press **ENTER**.
4. Next, select the **Units** icon and press **ENTER**.
5. Change the **Position Format** (i.e. coordinate system) and **Map Datum** fields to what is shown below. Use your **ROCKER** keypad to select and highlight the field you need to change. Press the **ENTER** button once on highlighted field to view an extensive list of coordinate systems or datums. Use the **ROCKER** keypad again to scroll through the list. Once you find the new coordinate system or datum from the list, press the **ENTER** button to accept the change.



6. Hit the **PAGE** or **QUIT** button to exit out of the Units page and save your changes.

SECTION 2 – Creating and Editing a New Waypoint

1. Create a new waypoint by firmly pressing down and holding the **ENTER/MARK** button for about 1 second, then release. The **Mark Waypoint page** will appear.
2. Use the **ROCKER** keypad to highlight the **Location** field and press **ENTER**. A numeric keypad will appear.



3. With the right arrow key highlighted, press the **ENTER** button to scroll through each coordinate value until you highlight the first value you wish to change.
4. Use the **ROCKER** to select the number you want on the numeric keypad, press **ENTER** to add the number to the coordinate in the **Location** field.
5. Enter the UTM coordinate of the Mt. Wesley Church.

0256000 Easting (X)

4374140 Northing (Y)

6. When finished, select **OK** on the keypad and press **ENTER**.
7. Press the **PAGE** or **QUIT** button to accept the coordinate changes and exit the **Waypoint** page.
8. Use the **PAGE** button to scroll to the **Map Page** and view the location of the Mt. Wesley Church.