

# How to use a GPS receiver

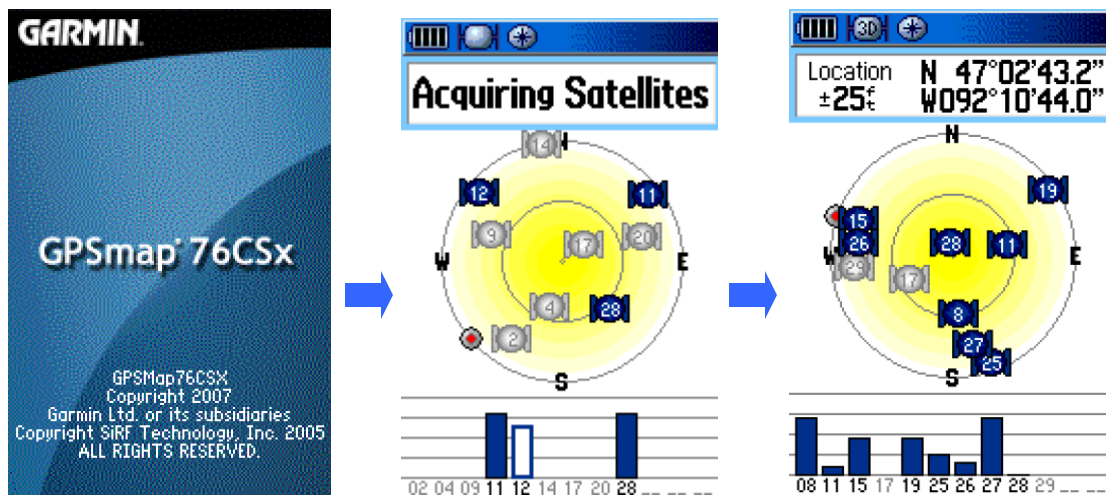
## Exercise One: Screen Familiarization

**Objective:** Become familiar with turning on the unit, cycling through the screens, and the basic information available on each screen.

### Procedure:

#### Part one ~ Screen familiarization

1. *The Garmin GPSmap 76CSx does not normally require you to do anything when it initializes. When you power on the unit (press and hold down red power button <math>\Phi</math>), it shows you a copyright splash screen for 5 seconds and then jumps to the “Satellite” screen and starts to look for GPS signals.*

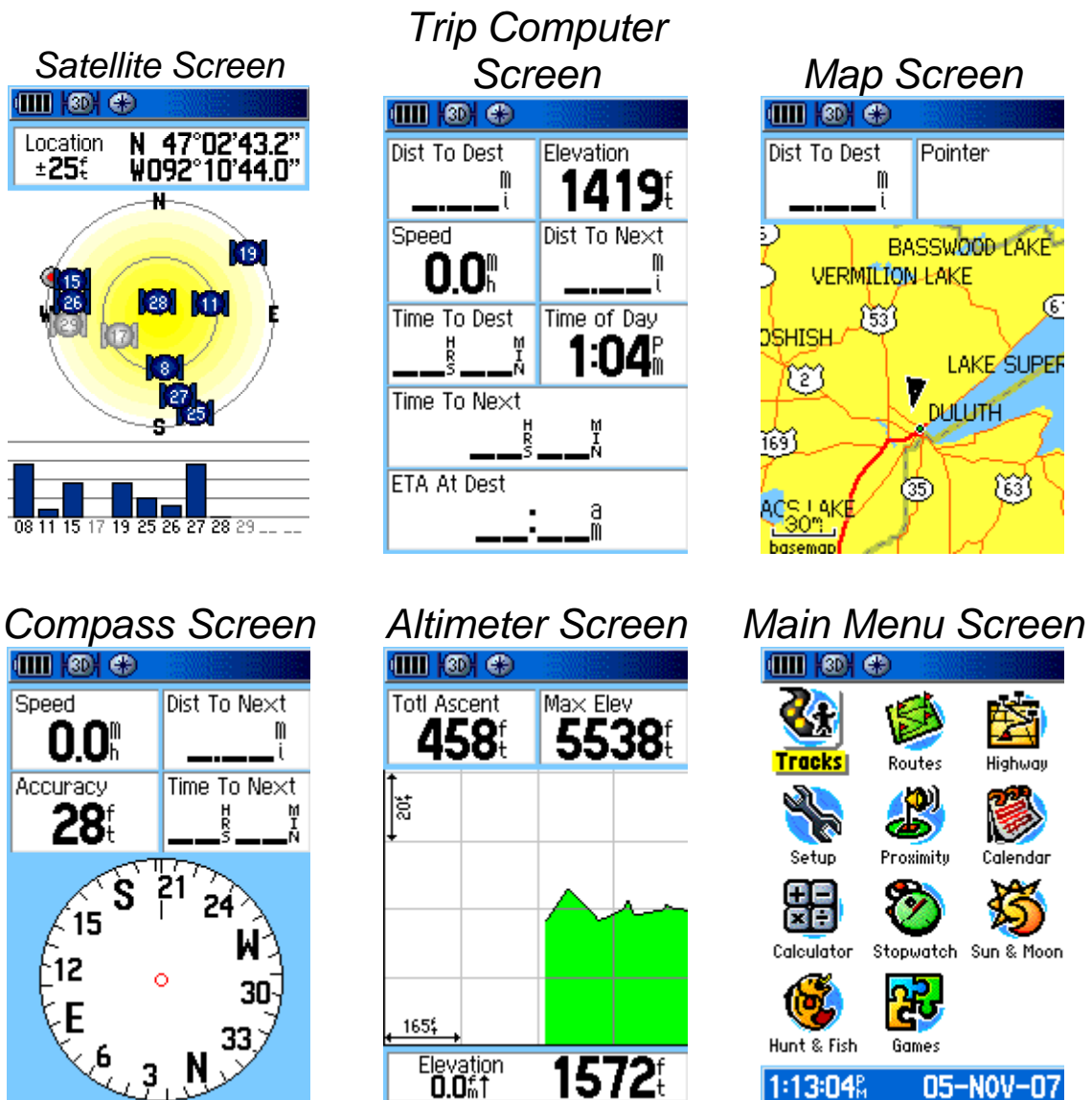


2. *Once the GPS locks onto enough satellite signals to establish a position fix, you will see the latitude and longitude on the top of the screen along with the estimated accuracy listed as Location +/- . When the accuracy reaches +/- 25 feet you are ready to proceed.*

# How to use a GPS receiver

## Exercise One: Screen Familiarization

3. Initially, there are 6 screens that are available to you to use. A picture and the name of each screen are shown below.

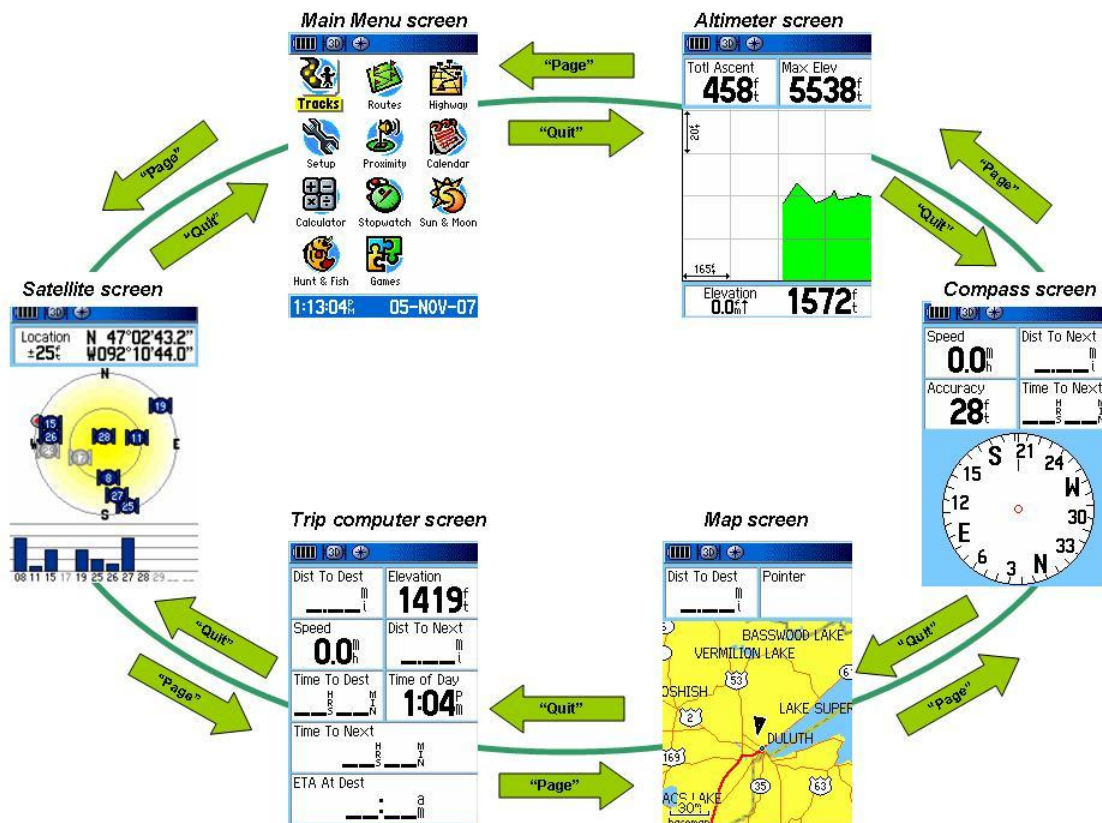


4. Now, press the <PAGE> key or the <QUIT> key to cycle forward or backward through the available screens.

# How to use a GPS receiver

## Exercise One: Screen Familiarization

Take a quick look at the information available on each screen.



Question 1: How many times do you have to press <PAGE> to get from the Satellite screen to the Map Screen?

\_\_\_\_\_

Question 2: How many times do you have to press <QUIT> to get from the Compass screen to the Main Menu Screen?

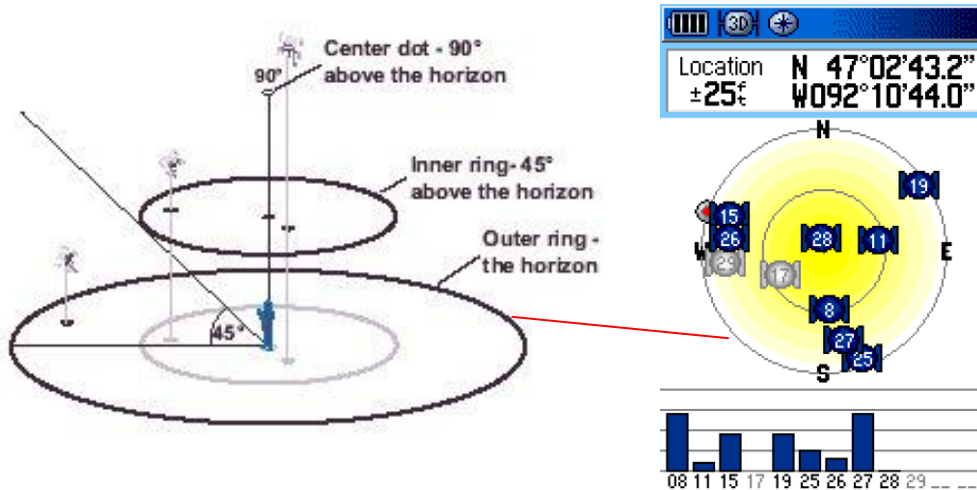
\_\_\_\_\_

# How to use a GPS receiver

## Exercise One: Screen Familiarization

### Part two ~ Exploring selected screens

#### • Satellite Screen



How to interpret the sky plot.

1. Press <PAGE> or <QUIT> to get to the satellite screen. Both will eventually get you there. Remember the screens go in a circle.

Question 3: What satellite number is most closely overhead in the "Sky Plot" on your receiver? \_\_\_\_\_

Question 4: What color do the satellites turn when the GPS locks onto a signal from them? \_\_\_\_\_

Question 5: Which satellite is the GPS receiving the strongest signal from? \_\_\_\_\_

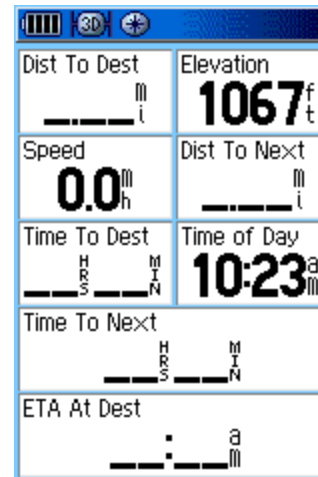
Question 6: Note how many satellites are being received by your GPS receiver. Does this information change as you walk around? \_\_\_\_\_

# How to use a GPS receiver

## Exercise One: Screen Familiarization

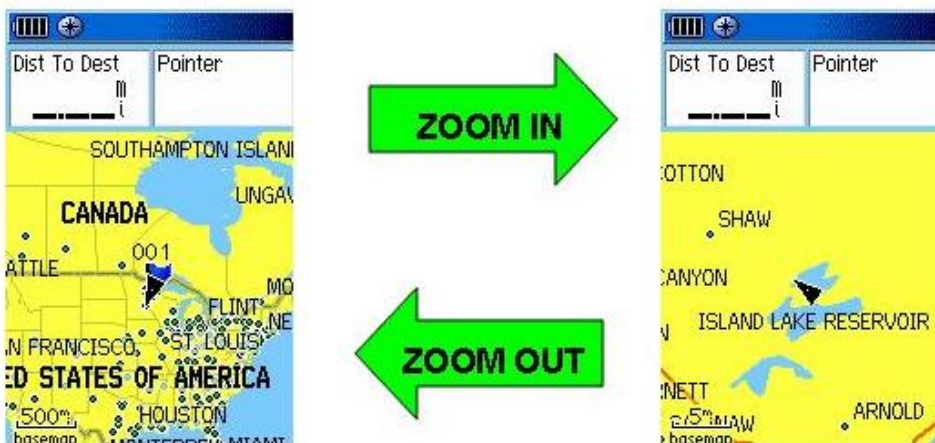
### • Trip Computer Screen

2. Press <PAGE> or <QUIT> to get to the trip computer screen.
3. Start to walk around. Notice how your speed and elevation change.



### • Map Screen

4. Press <PAGE> or <QUIT> to get to the Map screen.
5. Use the Zoom <IN> and <OUT> buttons to change the scale of the map. This is a function that many people forget to use.



# How to use a GPS receiver

## Exercise One: Screen Familiarization

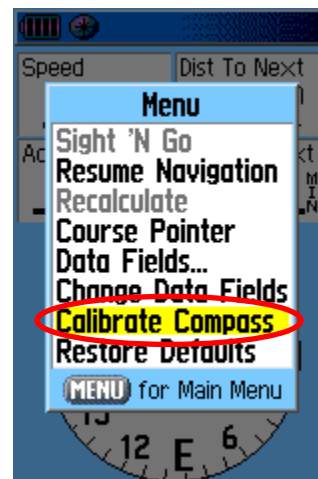
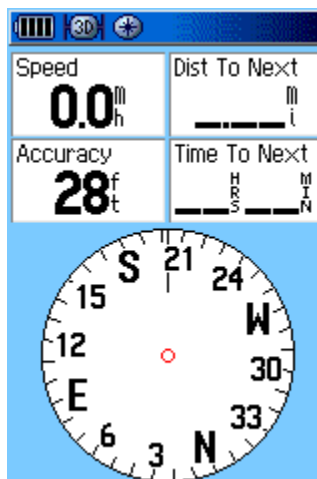
Question 7: What is the scale (in the bottom left hand corner of the map screen) when you zoom in as far as you can? \_\_\_\_\_

Question 8: What is the scale when you zoom out as far as you can? \_\_\_\_\_



### • Compass Screen

6. Press <PAGE> or <QUIT> to get to the Compass screen.
7. On the Compass Screen, press <MENU> button. Use the <ROCKER> pad to highlight 'Calibrate Compass'. Press <ENTER>.

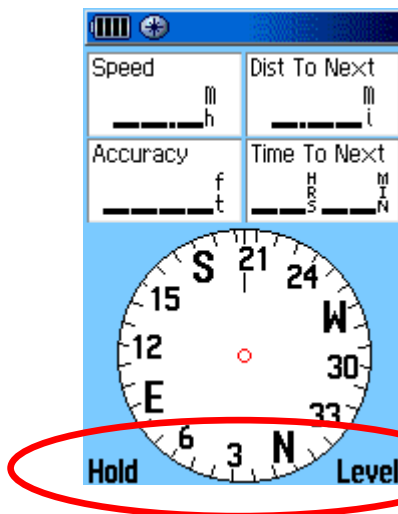
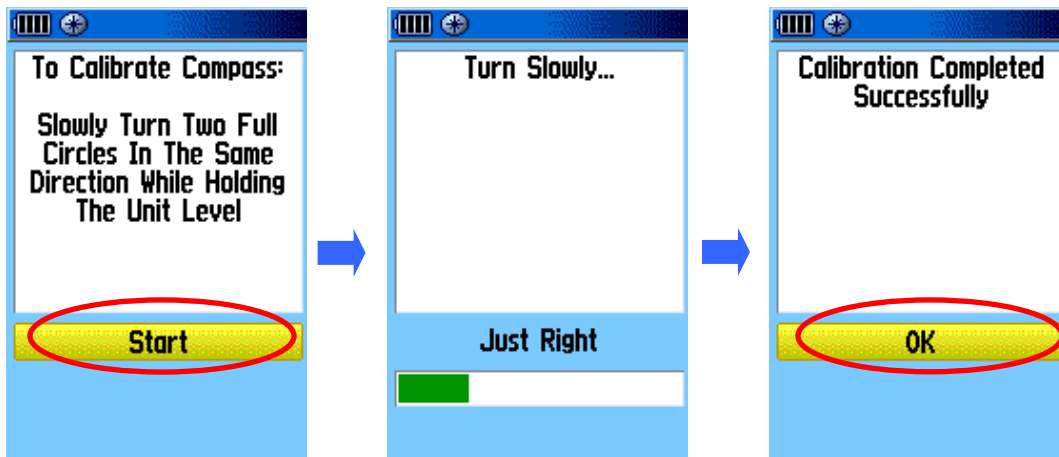


# How to use a GPS receiver

## Exercise One: Screen Familiarization

### Calibrating the compass

8. Follow the instructions on the screen...the GPS will tell you if you are turning too slow, just right, or too fast.



9. This GPS is equipped with a sensor that allows it to display a "floating" compass. In order for the sensor to work, the GPS must be held level. If it is not held level you will see the words "Hold Level" appear at the bottom of the screen.