

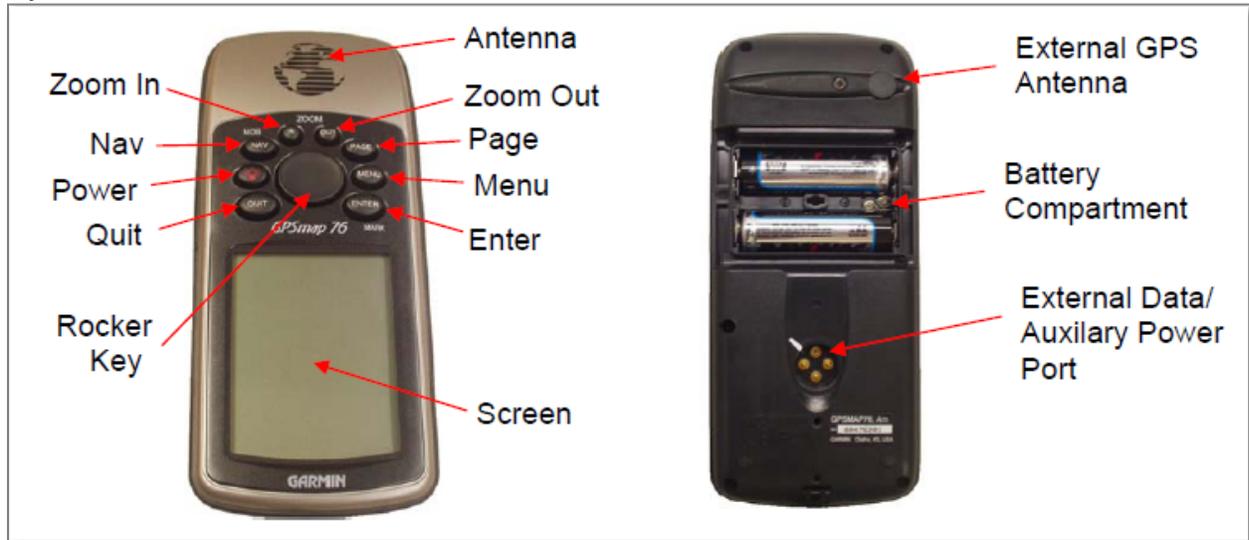


## Overview for Garmin GPS Map 76 or 76s Unit

### **Abstract**

This guide gives an overview of the Garmin GPS Map 76(s) units for NRCS users in Indiana. It is adapted from the original guide authored by Dennis Hoffman. For more details, please refer to the *Garmin GPSmap 76 Owner's Manual and Reference Guide*.

### **Layout**



### **Button Descriptions**

**Power Button:** Press and hold the **POWER** key to turn the unit on or off.

**Rocker Key:** The **ROCKER** key is used to control the movement of the cursor on menus.

**Page Key:** The **PAGE** key is used to navigate forward through the five main display pages. The Page key will also end an operation in progress and return to one of the main display pages.

**Quit Key:** The **QUIT** key is used to navigate backward through the five main display pages. The Quit key will also end an operation in progress and return to one of the main pages.

**Menu Key:** The **MENU** key will display the page options menu for the current page. Pressing the Menu key twice will display the main options menu.

**Enter Key:** The **ENTER** key is used to activate a data field or make a menu selection. Pressing and holding the Enter key will allow the user to capture the current position as a waypoint.

**Nav Key:** The **NAV** key is used to start or end navigation functions. Holding down the **NAV** key will store the current position and provide the option to navigate back to that point.

**Zoom Keys:** These keys allow you to view a smaller area in greater detail (**ZOOM IN**) or a larger area in less detail (**ZOOM OUT**).



### Tips on Using Garmin Keypad

The following tips should be helpful in selecting and entering items on the screens using the keys on the Garmin keypad.

Use the **ROCKER** key to highlight (i.e. move to) the desired field by pressing on the side of the key in the direction you wish to move.

For a list field (e.g. Symbol field on the “Mark Waypoint” screen),

- a) Press **ENTER** to change to selection mode.
- b) Use **ROCKER** key to highlight the desired item from the list.
- c) Press **ENTER** to select item.

For a data entry field (e.g. Waypoint number field on the “Mark Waypoint” screen),

- a) Press **ENTER** to change to edit mode. The first character will be highlighted.
- b) Use top/bottom of **ROCKER** key to scroll up/down through available numbers and/or letters.
- c) Use right side of **ROCKER** key to move to next character.
- d) Repeat steps b and c as needed.
- e) Press **ENTER** to accept changes or **QUIT** to cancel changes.

For a search list field (e.g. Waypoint name field on the “Waypoint by Names” screen),

- a) Use top/bottom of **ROCKER** key to scroll up/down through available numbers and/or letters in highlighted character position.
- b) Use right side of **ROCKER** key to move to next character.
- c) Repeat steps a and b as needed.
- d) Press **ENTER** to drop into list.
- e) Use top/bottom of **ROCKER** key to scroll up/down through list.
- f) Press **ENTER** to select the highlighted item.

### Accuracy

Many factors affect GPS accuracy ranging from number and position of currently used satellites to the current atmospheric conditions down to proximity to solid objects or the way a unit is held in some cases. To achieve the best accuracy, stay away from tall vegetation, structures, vehicles, and low lying areas surrounded by steep terrain. All handheld GPS units in this area of the world perform best when the user faces south. This unit performs better when held upright.

The units have an expected absolute accuracy, horizontally, of 3 to 5 meters at the 95% confidence level using the WAAS enabled setting. Absolute accuracy is a measure of how close a given point is to an actual ground position by comparing the recorded point against a professionally surveyed location.

The vertical accuracy of the units should generally be disregarded.

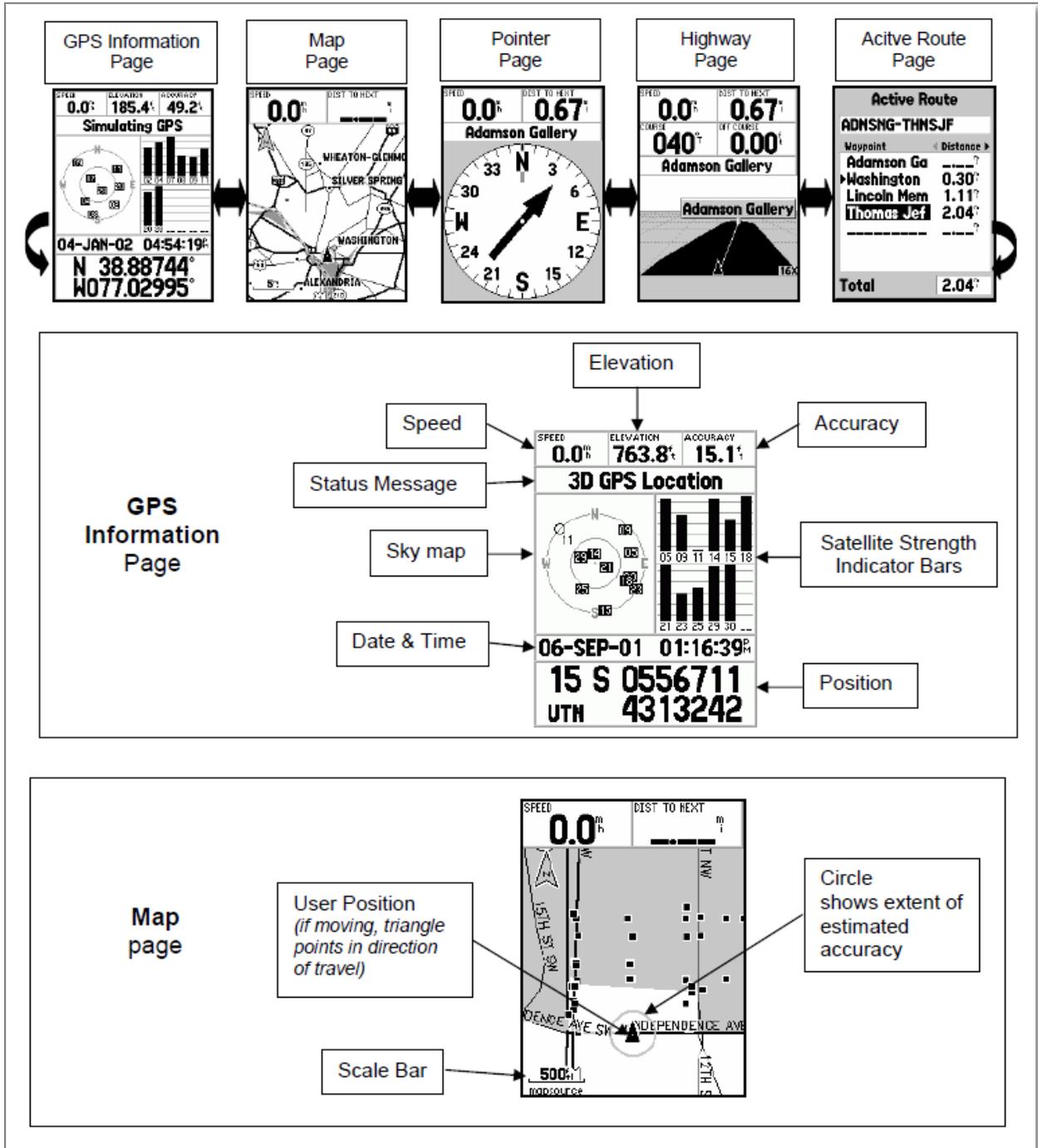
### Differences between the GPS Map 76 and 76s

The 76s is essentially just like the 76, except it also has a built in electronic compass and barometric altimeter, along with slightly more internal memory. Depending on how the units have been used or changed since deployment, an Americas basemap may also be loaded on the 76s if said basemap hasn't been deleted or overwritten by users.



**Screens**

These are the five main screens or pages on the Map76 as shown below. Use the Page and Quit keys to switch between these pages.





(Screens Continued)

**Pointer Page**

Vertical line shows direction of travel

Pointer direction to point to which you are navigating

Compass Ring (not a true compass, must be moving to get a true reading)

**Highway Page**

(This page is best used for straight line navigation)

Position icon – black arrowhead (keep this on the white line of the road)

Numbers to aid in navigation

**Active Route Page**

Waypoint	Distance
Adamson Ga	0.30 <sup>m</sup>
Washington	1.11 <sup>m</sup>
Thomas Jef	2.04 <sup>m</sup>
<b>Total</b>	<b>2.04<sup>m</sup></b>

Route name

Distances for each leg of the route

Total distance