

Quick reference sheet

Garmin 72/76 GPS receivers

Turning on the GPS receiver

To turn on the GPS receiver, press and briefly hold the red power button. When the warning message appears, press the Page button to continue.

The main GPS information screen will then display, showing the location, satellite positions and date and time.

Note that pressing the red power button briefly when the GPS receiver is on controls the contrast and backlighting. Pressing the red button again turns on the backlighting, and pressing the central rocker key to the right or left controls the contrast. The Enter button clears the contrast/backlight display.

To turn off the GPS receiver, press and hold the red power button once more.

GPS basic setup

The GPS should be preset for use. If it has not, or the set up has been altered, the following are the most important parameters. Refer to the document *Setting up and using Garmin 72/76 GPS receivers* for more detailed instructions on set up and use.

Location format:	hddd.ddddd ^o
Map datum:	WGS 84 or GDA
WAAS:	Disabled
Time zone:	Other
UTC Offset:	+10:00 (or +11:00 in daylight savings time)
Elevation:	metres
Distance and speed:	Metric

Recording locations

Before recording a position fix, ensure that:

- The GPS is showing “3D GPS Location” on the screen.
- The accuracy figure is low (< 20m, preferably 5 – 10m).
- Satellite strength indicators are high
- You are standing away from any obstructions (particularly to the north)
- You are holding the GPS **vertically**

Record the position with the full number of decimal places reported by the GPS and the accuracy figure. Your record should look like:

30-AUG-07 10:48:00
S 33.28667°
E 149.10561°
Accuracy 7.8m

Storing a location (waypoint)

Store the position fix as a **waypoint** if possible. To do this, press and hold Enter/Mark to open the Mark Waypoint page, and then Enter again to store the waypoint.

Prior to pressing Enter the second time, you can scroll up to the Name field at the top using the central rocker button, press Enter to select it, and enter a short description using up/down on the central rocker button to select letters/numbers. Press Enter to accept the name, scroll down to the OK button displayed on the screen and press Enter to store the waypoint.

Where possible, use point averaging to record the position as this gives a more accurate result. To do this, press and hold Enter/Mark until the Mark Waypoint page is displayed. Press Menu to view the options, and select Average Location and press Enter. The quality of the average is shown by the Estimated Accuracy field. This figure will fluctuate initially before stabilising. When finished averaging, press Enter to return to the Mark Waypoint page to save the waypoint.

Further Information

For further information or assistance, contact any staff member from the Resource Information Unit at NSW Department of Primary Industries in Orange.

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