

Setting Waypoints

One of the most essential functions of a GPS receiver is to be able to record coordinates of certain locations. Most receivers facilitate this process by memorizing geographic longitude, latitude and elevation when pressing one or several buttons, or entering coordinates using a keypad.

Helper's Guide

How to Prepare

Each GPS receiver should be properly setup and run for several minutes outside before the beginning of activity. Mark several diverse spots spread around the landscape dedicated to this activity and determine geographic coordinates for half of these locations in advance. Familiarize yourself with Waypoint and Map functionalities of the receivers to be used. If available, provide students with access to computer software and data interface so that they could work on applied R&D part of the activity.

Need to Emphasize

- There are several ways to create waypoints.
- Each waypoint represents one and only one geographic location.

Related Links

- http://www8.garmin.com/manuals/Rino130_OwnersManual.pdf
 - <http://www.trimble.com/gps/index.shtml>
-

*Viacheslav Adamchuk and Shana Thomas
Phone: 402-472-8431
E-mail: vadamchuk2@unl.edu
Last updated: May 12, 2008*