

CHECKLIST: GPS in the Field (8/19/06, Gene Dashiell, Environmental Planning Services)
dashiell.e@hawaiiantel.net (Email me at any time if you have any questions or need help.)

EQUIPMENT	
Extra Batteries	
Baggie to keep GPS dry (plastic bag is minimal protection)	
Notepad	
Pencil	
Hat (help shade eyes to see GPS screen)	
Sturdy shoes (help prevent falls)	
Long sleeves (help protect skin from mean plants)	
External antenna (useful in foliage or other low SV reception (canyon/gulch))	
Umbrella or rain gear	
Waterproof bag if traveling by boat	
Bug repellent	
Tape (useful to patch GPS if parts fall off, or to fix external antenna to branches/sticks to extend it into the air for better reception)	
Surveyor's red vinyl tape to tie to branches to mark the "find" or waypoint	
Fanny pack for gear.	
PRE-FIELD PLANNING	
Test GPS at a known location, like a survey control point	
Check memory, Enter waypoints or tracks for new project if needed	
If memory is full, download unnecessary waypoints or tracks from GPS	
POST-FIELD CLEAN-UP	
Remove batteries from GPS, wipe dry battery compartment if wet.	
Clean and dry GPS (if it is wet/moist, put in sun to dry out)	
PROCEDURES	
1. To enter a waypoint, press "Enter" twice. Before you press "Enter" the second time you should record the waypoint number and description. You can also assign a custom waypoint number or name.	
2. MOB (Man Over Board). If you travel by boat, turn your GPS on before you cast off and keep the GPS handy. If someone falls over board, instantly press MOB to record the location. The GPS can then help you turn around to get back to the MOB spot.	
3. Calibration. If you use the Compass, Altimeter, or Barometer, you need to calibrate. For the Compass, turn around twice (after pressing the right keys). For the Altimeter or Barometer, you can either use the GPS elevation (may not be as accurate) or go to sea level and then calibrate (see manual).	

FIELD NOTES

DATE

PROJECT

NAME OF FIELD WORKER

DESCRIBE FIELD CONDITIONS

GPS WAYPOINT NUMBER

DESCRIPTION OF SITE AT WAYPOINT NUMBER

FIELD NOTES

DATE

PROJECT

NAME OF FIELD WORKER

DESCRIBE FIELD CONDITIONS

GPS WAYPOINT NUMBER

DESCRIPTION OF SITE AT WAYPOINT NUMBER

FIELD NOTES

DATE

PROJECT

NAME OF FIELD WORKER

DESCRIBE FIELD CONDITIONS

GPS WAYPOINT NUMBER

DESCRIPTION OF SITE AT WAYPOINT NUMBER

FIELD NOTES

DATE

PROJECT

NAME OF FIELD WORKER

DESCRIBE FIELD CONDITIONS

GPS WAYPOINT NUMBER

DESCRIPTION OF SITE AT WAYPOINT NUMBER

