

**TRAINING ANNOUNCEMENT**  
**GPS for Fire Management & ICS Class Information – a two day class**  
**Wildland Fire Training & Conference Center**  
**McClellan, CA**  
**February 22-24, 2012**

**Who will benefit from this class?** - New users will find this class to be a solid introduction to the use of Garmin GPS receivers to capture point, line, and polygon features, as well as the use of DNRGarmin software to convert those GPS data into GIS-ready shapefiles or geodatabase feature classes. The class is also a good refresher for experienced users, and may supplement their existing skills.

**What does the class cover?** – Classroom demonstration and discussion, short classroom exercises, and several outdoor exercises over the course of two days will cover these topics:

**A brief review of selected GPS and map topics**

- How GPS and WAAS work
- Sources of GPS error
- Coordinate systems like latitude and longitude or UTM
- Datum shift issues

**Using Garmin GPS receivers**

- Review keypad layout, receiver pages, and menu structure
- Special circumstances when a receiver's position format and map datum must be specified
- Create, average, edit, project, and update waypoints
- Configure, capture, and save track logs
- Navigate to waypoints

**Using DNRGarmin software**

- Start, connect to, and configure DNRGarmin
- Download GPS track logs or waypoints, and convert them into GIS-ready point, line, or polygon data layers
- Create line or polygon GIS features from a series of waypoints, or from a combination of waypoints and active track log segments
- Create a track log or waypoints from existing GIS point, line, or polygon features, and upload them to a Garmin receiver

**What equipment, software, and skills are required?** - To get the most from class, participants will need to bring a Garmin GPS receiver as described below.

<b>Garmin GPS Receiver</b>	Color-model Garmin <b>eTrex HC</b> series, <b>GPSMap 60C</b> series, or <b>GPSMap 76C</b> series, <i>Note: if you have a choice between eTrex and the 60C/76C select the 60C/76C the screen is bigger.</i>
	Extra AA batteries
	Serial or USB download cable, as appropriate for the GPS receiver

Over the years, Garmin GPS receivers have been released with a variety of functionality and menu structure that makes preparation of “one-size-fits-all” class materials quite difficult.

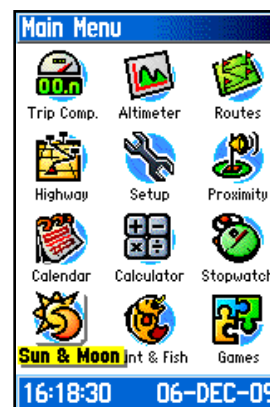
Materials and exercises for this class were developed using a **Garmin GPSMap76CSx**, but the materials should be quite compatible with most recent-model Garmin receivers: **eTrex HC** series, **GPSMap 60C** series, or the **GPSMap 76C** series having a color **Main Menu** screen similar to the one illustrated at right. Please contact the course coordinator if you cannot bring one of these receivers, and a course receiver may be loaned to you for the class. Loaners are limited and are first come first served.

Participants don't have to be skilled PC or ArcMap users, but these basic skills will be needed.

- Browse, copy, paste, rename, and delete files or folders using Windows Explorer

Participants should come prepared with outdoor clothing, footwear, and gear suitable for several outdoor field exercises in prevailing weather conditions.

Course Logistics on next page:



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**Course Date/Time:** The classroom session will be:  
Tuesday February 22nd 1300 hours to 1700 hours  
Wednesday February 23<sup>rd</sup> 0800 hours to 1700 hours  
Thursday February 24th 0800 hours to 1200 hours.

**Class Size:** 20 students (Maximum) A standby list will be created after 20 students have enrolled

**Location:** **Wildland Fire Training & Conference Center, 3237 Peacekeeper Way, McClellan, CA**  
(Closest Airport: SMF/Sacramento International) The Training Center does not provide transportation while you are here for your session. Individuals flying into Sacramento must make their own rental car arrangements at the airport or take Super Shuttle for about \$25 each way.

**Tuition:** \$200 Nomination Form at: [http://www.nationalfiretraining.net/course\\_session/show/id/2125.html](http://www.nationalfiretraining.net/course_session/show/id/2125.html)

**Lodging:** For hotel lists, directions to the training center, or any other logistical information, please visit:  
<http://www.fs.fed.us/r5/fire/mcclellan> <http://www.fs.fed.us/r5/fire/mcclellan>.

WFTC Dormitories are available on a first come first served basis. Please submit a form as soon as possible. Dormitory form located at <http://www.fs.fed.us/r5/fire/mcclellan>. For more information and pictures of the dormitories click on [Pacific Southwest Region - WFTC Dorms](#).

**Application:** Nominations are being accepted until February 3, 2012 and will be accepted in IQCS (N9006/GPS for ICS, Session #00008) or typed/emailed (unit fire training officer can help with this). We will not accept handwritten or faxed nominations, as they are billing documents and too hard to read. Applicants will be notified after February 3 2012, if they have been selected. (Training Officers, be sure to prioritize nominations due to limited number of seats in session)

**Coordinator:** **For additional information about the course, please contact:**  
Lorri Peltz-Lewis – Fire GIS Coordinator  
Fire and Aviation Management  
USDA Forest Service – Pacific Southwest Region  
**(916) 640-1049** or [lpeltzlewis@fs.fed.us](mailto:lpeltzlewis@fs.fed.us)

Additional information about the Wildland Fire Training and Conference Center can be found at the following website...  
<http://www.fs.fed.us/r5/fire/mcclellan/>