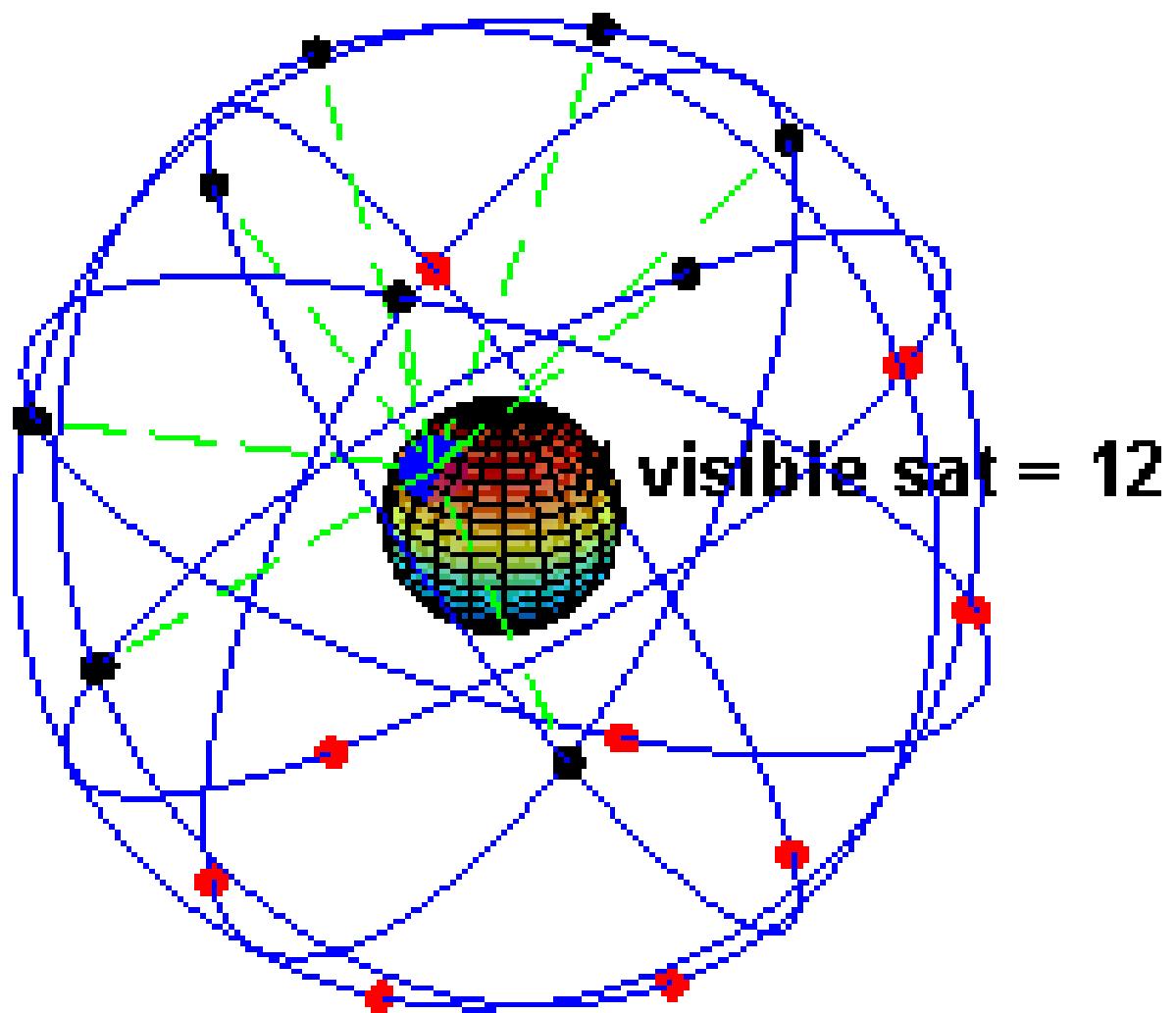
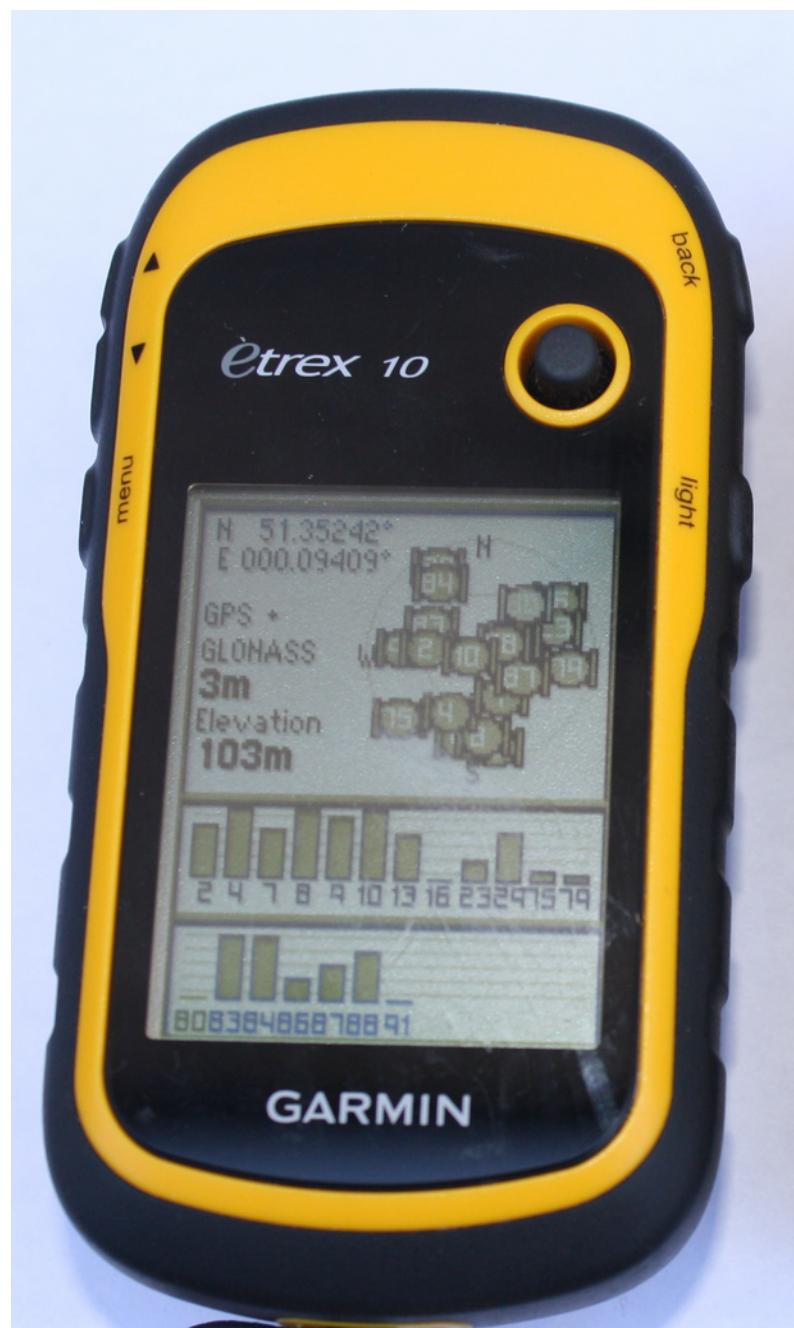


# GPS – Global Positioning System



- Turn on GPS
- Watch as satellites are found
  - EtrexH – default view
  - Etrex 10 – choose satellite from menu
- Notice reading about accuracy (based strength / number of satellite signals)
- Best is 3-5m
- You may wish to note this down when in the field

# Finding satellites



- Mark a waypoint
  - EtrexH – “Mark” on menu page
  - Etrex 10 - “Mark waypoint”
- Name waypoint ZSL
- Write down location & elevation

## Create waypoint



- Tell GPS to direct us to a waypoint
  - Find waypoints menu
  - Select ZSL waypoint
  - Select go/goto
- Screen will show direction and distance to your chosen destination

## Goto waypoint

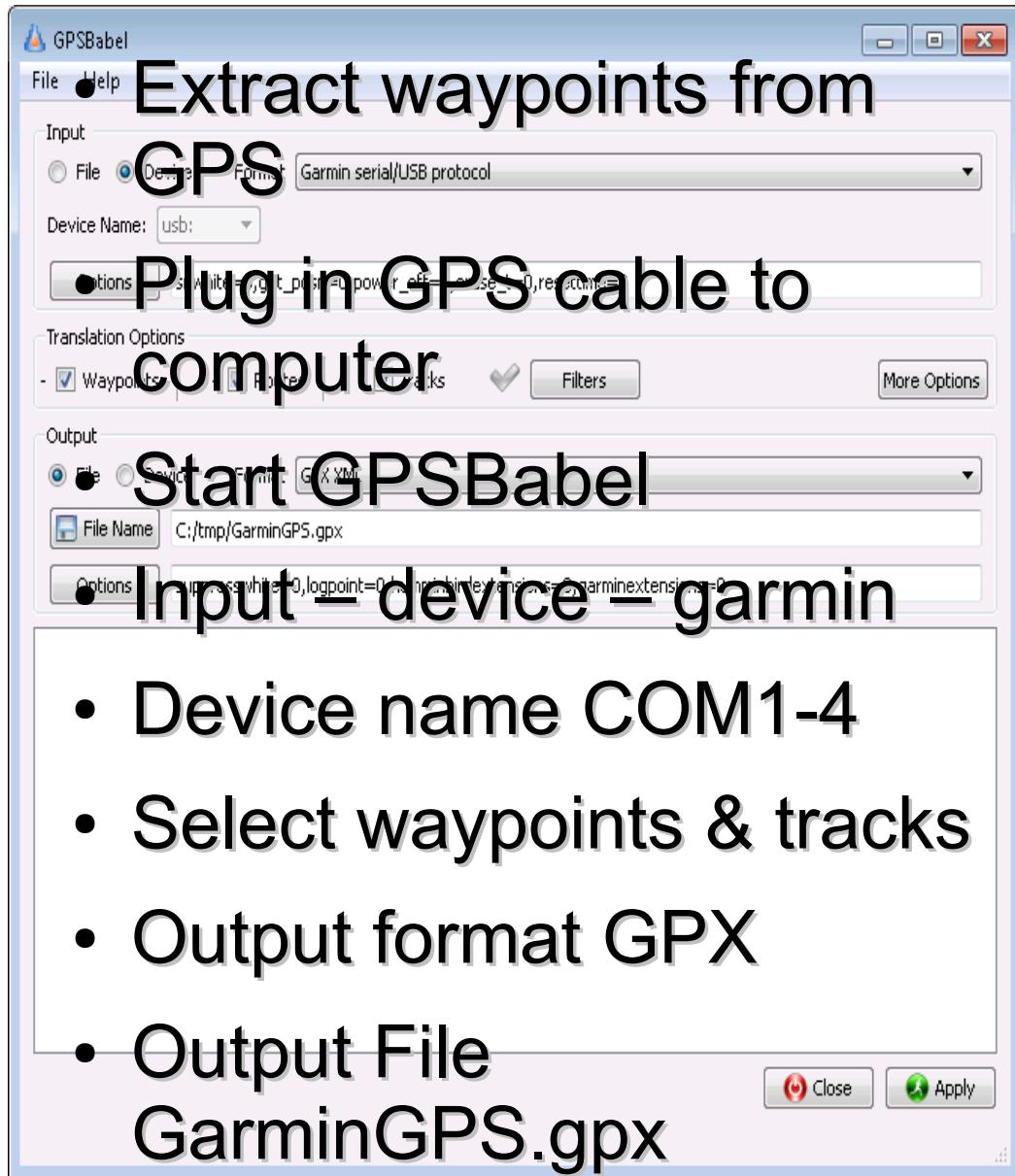


- Your GPS records your tracks from the time it gets a signal
- Tracks can be saved
  - EtrexH – Menu – tracks – save – save from today
  - Etrex 10 – Menu – tracks – save from given time
- Tracks can be used to retrace your steps

# Tracks

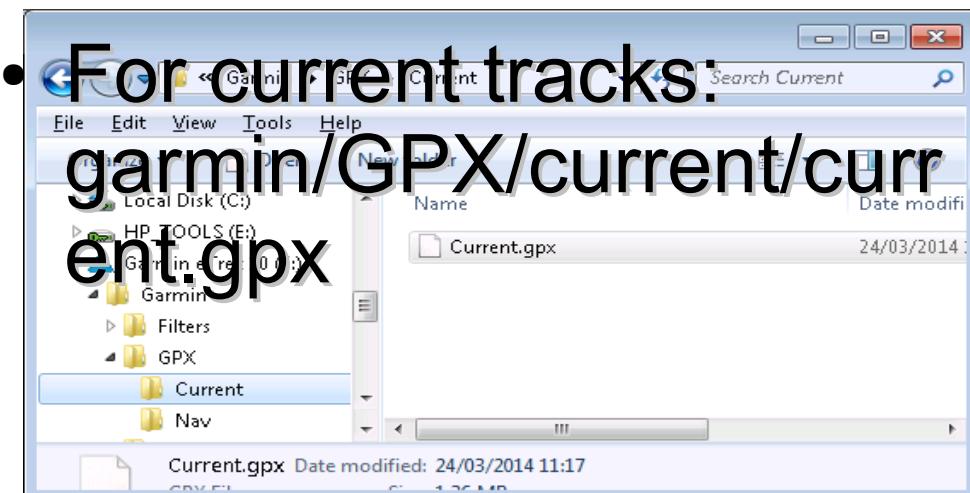


# Etrex H



# Etrex 10

- Plug into USB
- Use mass storage mode
- Copy gpx files from device to your computer
- Folder for waypoints: garmin/GPX/<Today's date>.gpx



QGIS 2.0.1-Dufour

Project Edit View Layer Settings Plugins Vector Raster Database Processing Help

Layers

- tracks
- waypoints
- tracks
- waypoints
- Google Satellite

Load the waypoints and tracks into QGIS

- Zoom into the ZSL waypoint
- Open google satellite view
- Look at how far the tracks move around
- This is a true picture of the spatial error of your GPS

Coordinate: -17025.6,6716730.9

Scale: 1:1694

EPSG:3857

15:41

20/03/2014