

## Geo XT Settings (Windows Mobile 5)

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Before using your GeoXT, there are some settings in ArcPad and GPSCorrect that you should set in order to collect data properly. [before doing this, make sure you have updated all your software as described in “Updating GeoXM Software (Windows Mobile 5).doc”]

In ArcPad:

### **ArcPad Options (hit hammer and wrench tool):**

Nothing needs to be changed here for now...

### **GPS Preferences (hit dropdown arrow next to satellite button on top toolbar, choose GPS Preferences):**

GPS tab:

Protocol: Trimble GPSCorrect  
Port: COM3: TSIP Serial port  
Baud: 9600  
Check “Automatically Activate”  
Check “Show GPS Activity in System Tray”  
Check “Automatically Pan View”

Capture tab:

Check “Enable Averaging”  
Points: 30  
Vertices: 5  
Position Interval: 4  
Distance Interval: 1 meter (the default of 10 meters is too big)

Alerts tab:

Uncheck “No current position fix” under “eye” column

### **In GPSCorrect (hit dropdown arrow next to satellite button on top toolbar, choose Trimble GPSCorrect):**

Setup Page (from dropdown in upper left corner):

Logging Settings:

Log GPS to SSF: On  
Log H-Star Data: Auto

GPS Settings:

Keep slider at middle setting (PDOP = 6 etc.) or one notch to the left of the middle setting if you are working in dense forest

Real Time Settings:

Choice 1: Integrated SBAS (this turns on WAAS reception)\*  
Choice 2: Use Uncorrected GPS  
Real-time Age Limit: 15 sec

\* NOTE: as of summer 2006 there is a problem with WAAS, so set Choice 1 to Use Uncorrected GPS for now.