

ArcPad 8



Initial Configuration

For more information about ArcPad 8.0 go to →

<http://webhelp.esri.com/arcpad/8.0/userguide/>

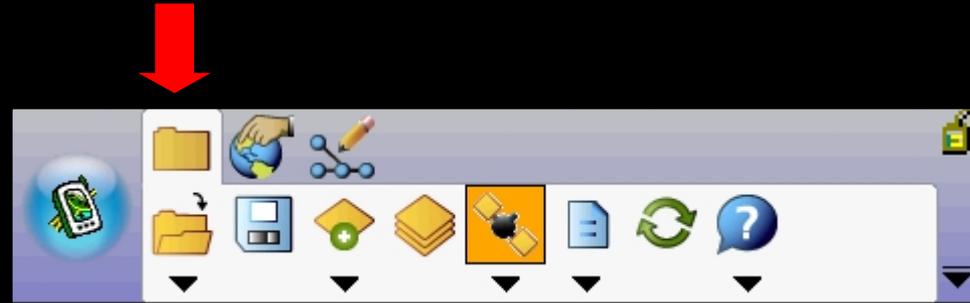
The Anatomy of ArcPad 8

The screenshot displays the ArcPad 8 interface for a project named 'Structure_Project2'. The interface is divided into several key sections:

- Toolbar Selector:** Located at the top left, it contains icons for various map functions such as Home, Search, and Navigation.
- Quick Action:** A secondary toolbar below the selector, featuring icons for specific actions like 'Find' and 'Info'.
- Map Navigator:** A set of hand icons (pan, zoom in, zoom out) positioned above the map view.
- GPS Status Bar:** A green bar at the bottom of the screen displaying real-time data: '100m' (distance to next point), '0.2kph' (speed), and coordinates '18N 258658.9E' and '4374688.7N'. It also includes a scale bar for 300m and a page indicator '5 of 10'.
- Lock Button:** A small lock icon in the top right corner of the toolbar area.
- Toolbar Options:** A dropdown menu icon in the top right corner of the toolbar.
- Display or Hide:** A small 'x' icon in the bottom right corner of the map area, used to toggle the visibility of the map.

Toolbars

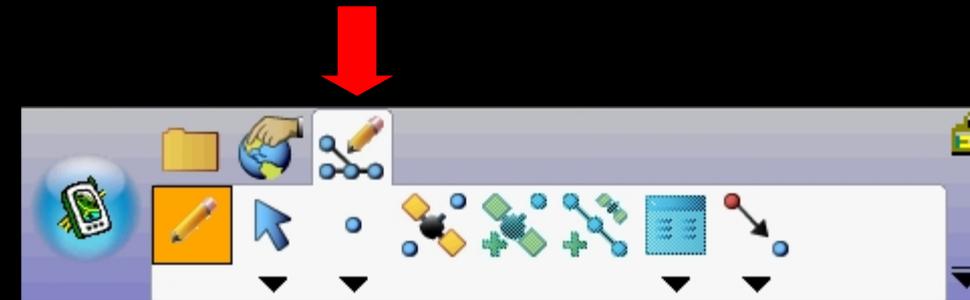
Main Toolbar



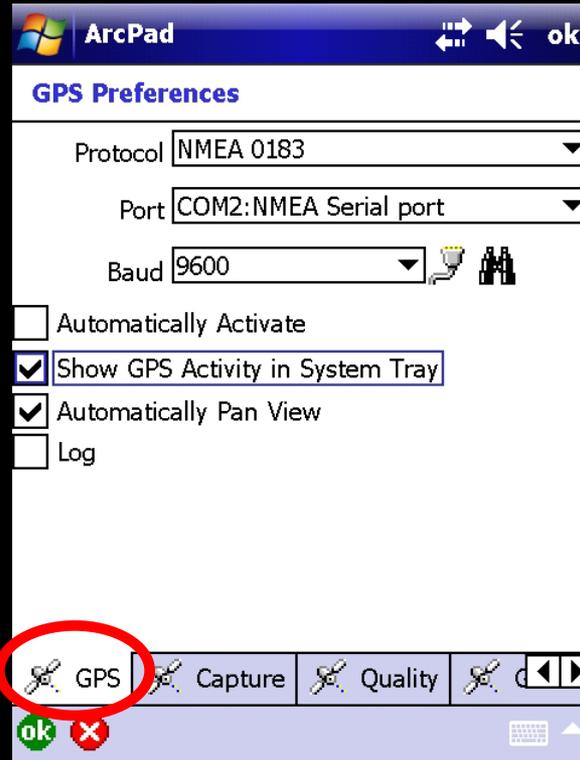
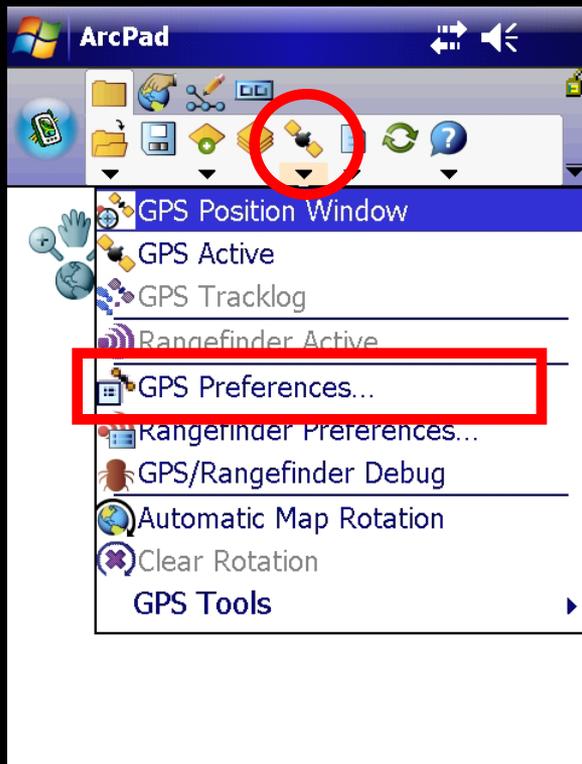
Browse Toolbar



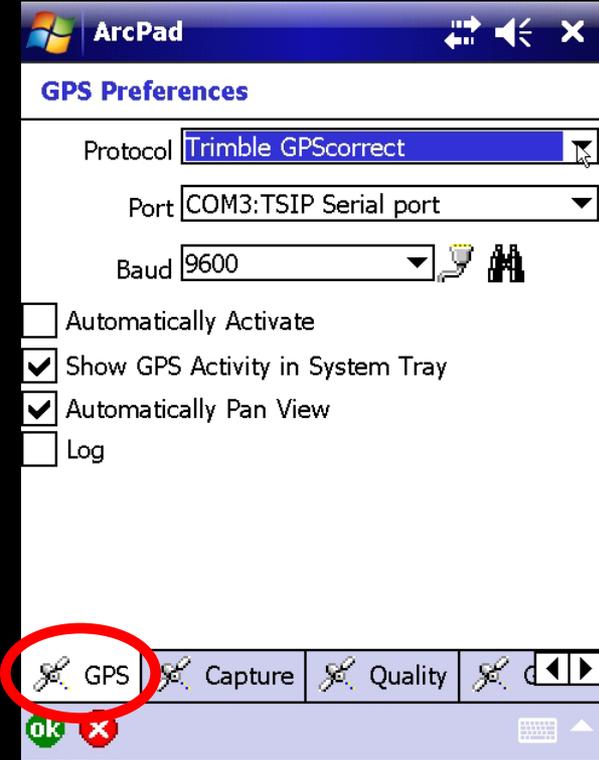
Edit Toolbar



GPS Preferences – Protocol Settings



No GPSCorrect
Installed



With GPSCorrect
Installed

GPS Preferences – Capture Settings

ArcPad

GPS Preferences

Enable Averaging

Number of positions to average :

Points

Vertices

Streaming :

Position Interval

Distance Interval m

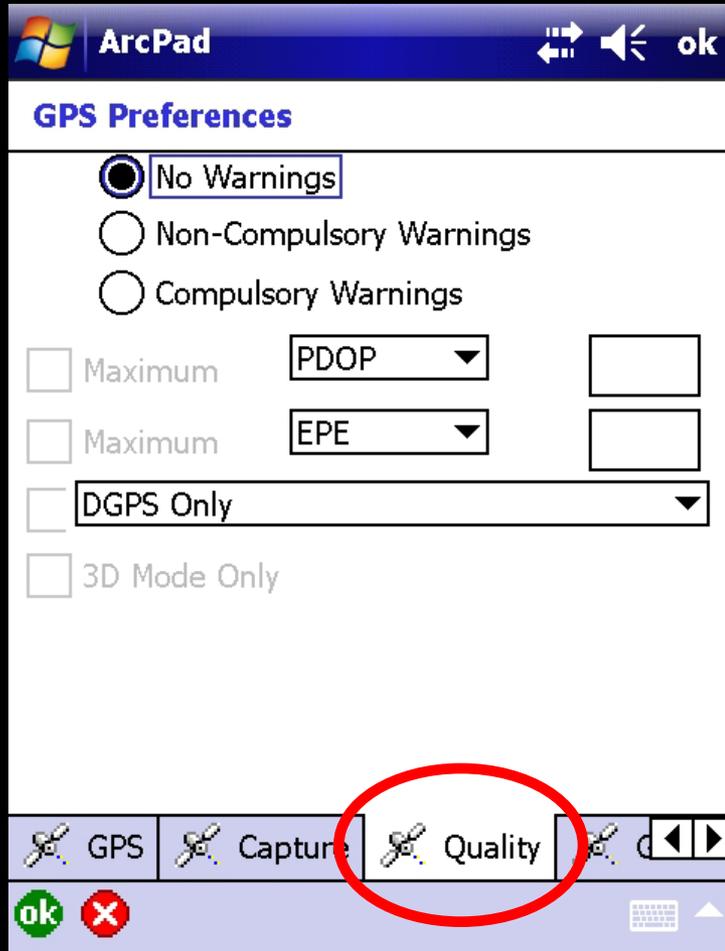
GPS Capture Quality

ok X

Enable averaging for 20 seconds for points and vertices

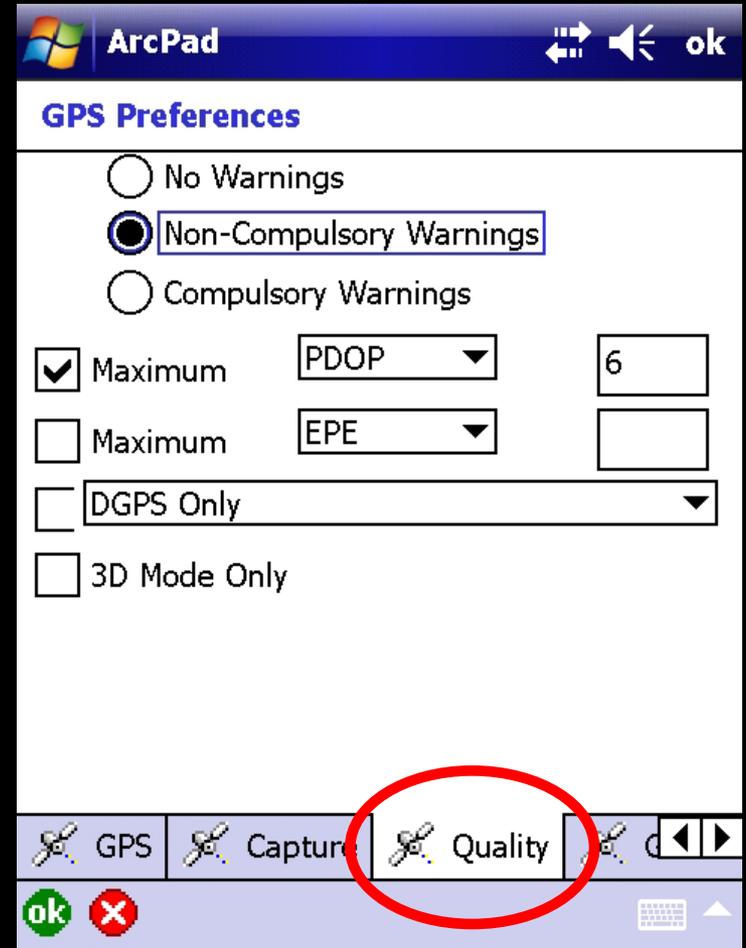
Creates vertices in a line or polygon every 2 seconds, distance is ignored

GPS Preferences - Quality



No Filters

OR



Incoming Data
Filtered

GPS Preferences - Height

ArcPad

GPS Preferences

Antenna Height m

Geoid Separation m

Use Map Units for Height Units

Height Units

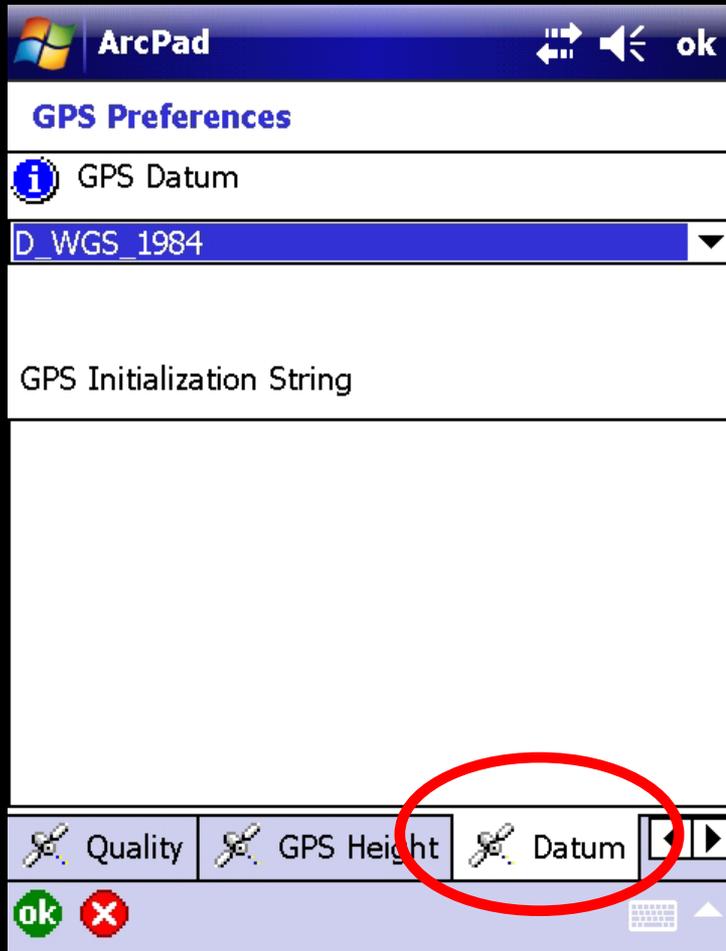
Use Height In Datum Transform

Quality | **GPS Height** | Datum

ok X

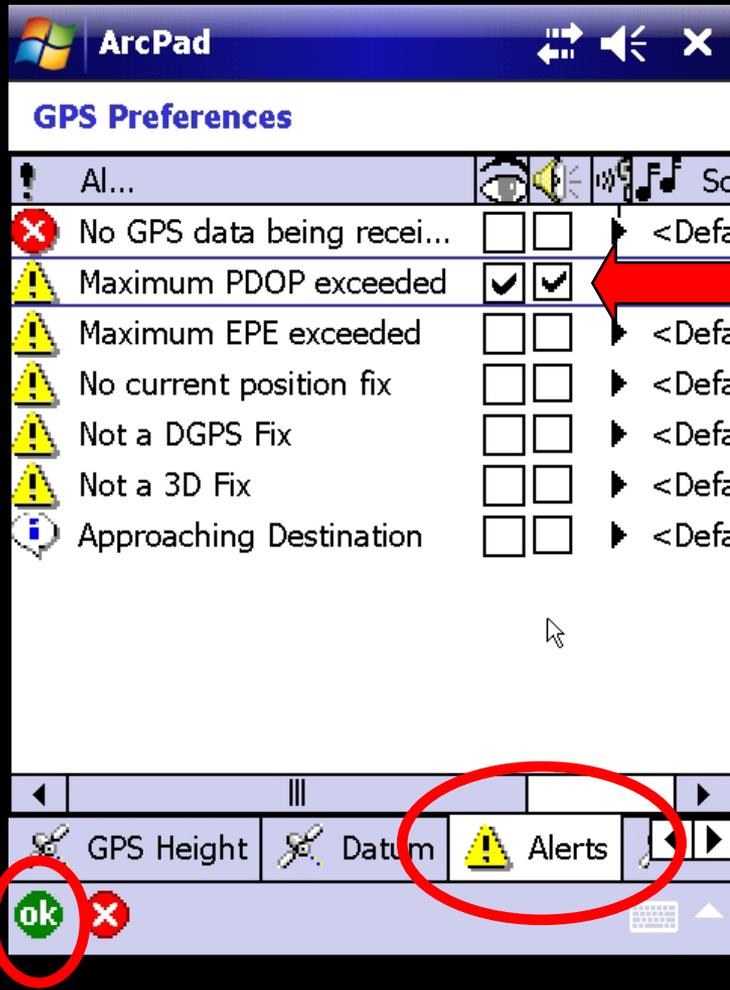
Set your antenna height to the level your holding the GPS unit or external antenna.

GPS Preferences – Datum



Use D_WGS_1984 unless your using Coast Guard beacons for real-time differential corrections. The latter requires D_North_American_1983.

GPS Preferences – Alerts



These warnings are very annoying, so uncheck all the boxes except Maximum PDOP

Click the green OK when done.
No need to modify the values on the Location Tab

Advanced Settings - Extensions

