



Prosurv Pocket WorldCon™

Version 1.0

Installation & Quick Start Guide For Windows Mobile 2003/2003SE

Contact Information

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This version contains a NAD-CON conversion for the **continental US ONLY**. This software does not include NAD-CON conversions for Alaska, Hawaii, and US islands.

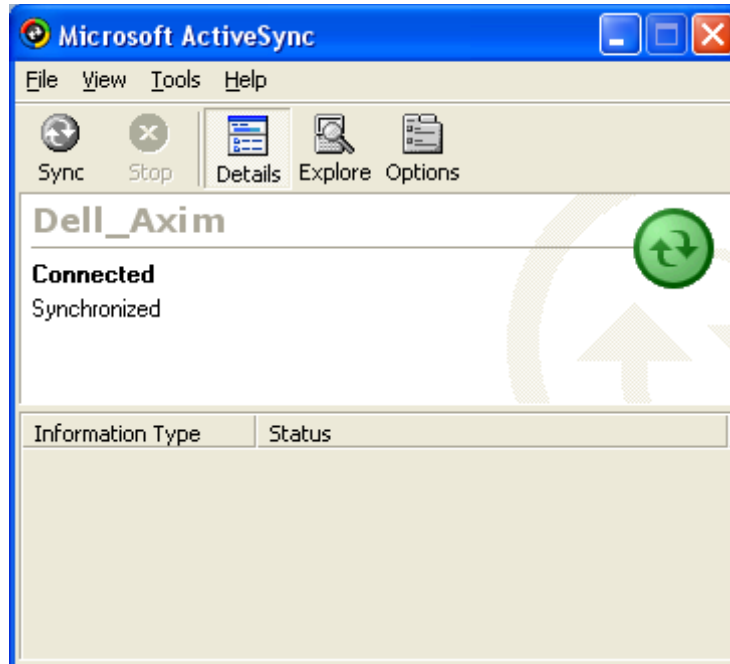
It is planned to include these other NADCON conversions in a future upgrade, or at user's requests.

Disclaimer:

Pocket WorldCon software is for the conversion of coordinates between known coordinate systems and Latitude/Longitude. Care has been taken to ensure correct computation of values. However, neither Prosurv LLC nor the author of Pocket WorldCon can be held liable for miscalculations performed by the user, whether inherent in the program or by user error.

This software is not intended for use where severe property or human physical damage could occur due to errors in calculations or locations. Use of this software signifies acceptance of this disclaimer.

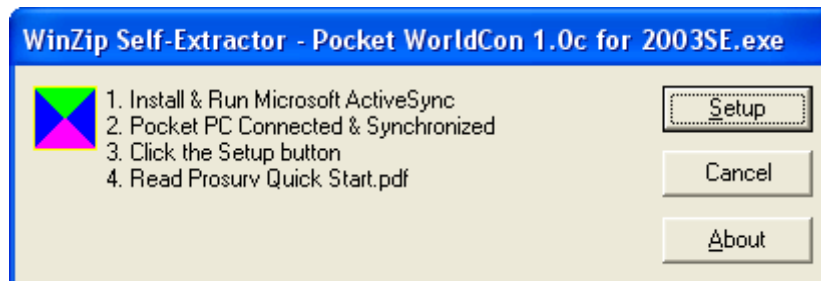
Before installing the Prosurv software, make sure that your Microsoft ActiveSync® program is running, and that it displays “Connected” and “Synchronized”:

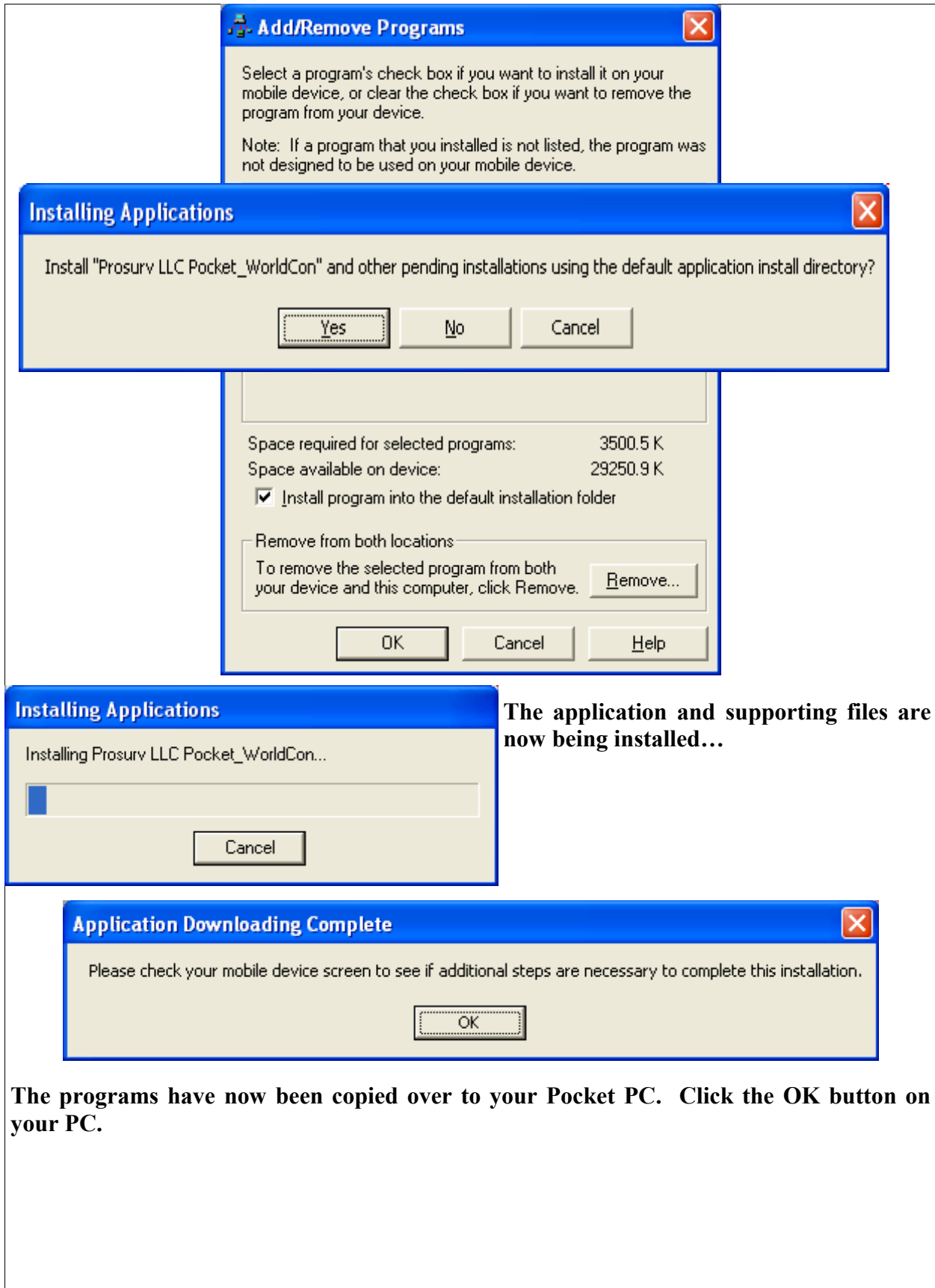


Double-click the software file that you downloaded for installation:



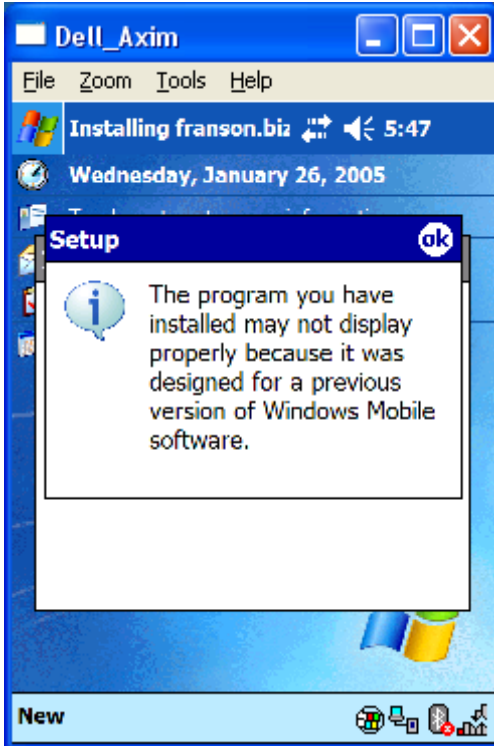
You must agree to the terms shown above by clicking Yes. The self-extracting software is now ready to install. Tap the Setup button to continue:





The application and supporting files are now being installed...

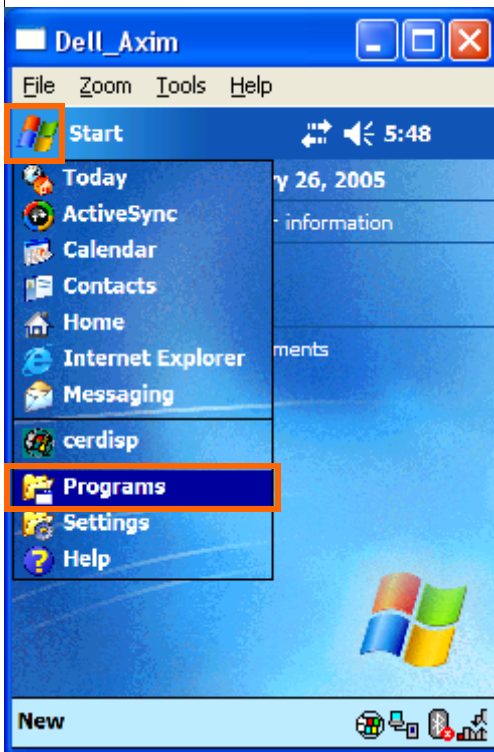
The programs have now been copied over to your Pocket PC. Click the OK button on your PC.



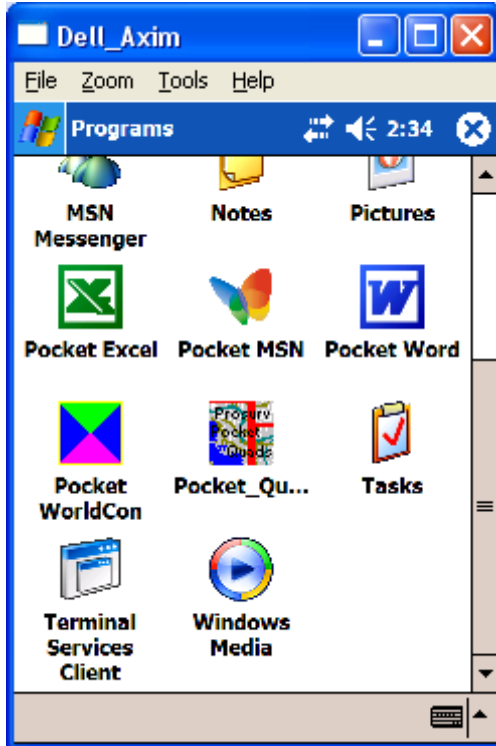
Nothing to worry about.

This message is shown during the installation of a supporting file (used by Pocket WorldCon) on Windows 2003SE (second edition) Pocket PC's only.

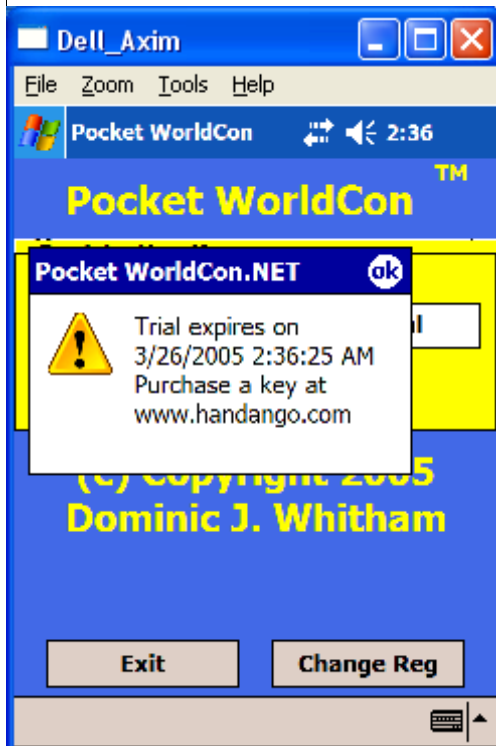
Click OK.



Click on the *Start* button to activate the pull-down menu. Then, click on *Programs*.



Scroll down to the Pocket WorldCon icon, then tap the icon to start the Pocket WorldCon program!



Prosurv will display a new, Random Serial Number. Write this number down for later reference. If you are going to use the Prosurv software on a 7 day trial basis, check your e-mail for a special 7 day trial key.

If you have purchased a license for Prosurv Pocket WorldCon, please contact Prosurv LLC at sales@prosurv.com with your random serial number, or, call Toll-free 888-647-9500 and be ready with your random device serial number. Then, we will give you a non-expiring key that matches your device serial number.

NOTE: Once you have installed the Prosurv software and received and entered your key, you should perform a Full Backup of your Pocket PC using Microsoft ActiveSync®. This will ensure that your key is not permanently lost in the event of a complete loss of data on your Pocket PC.



Enter your Registration Key or your 7 day trial key.

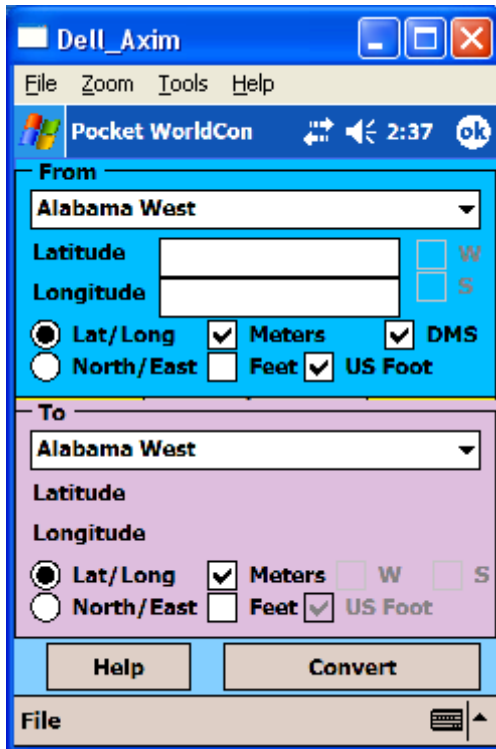
Then tap the *Register* button.



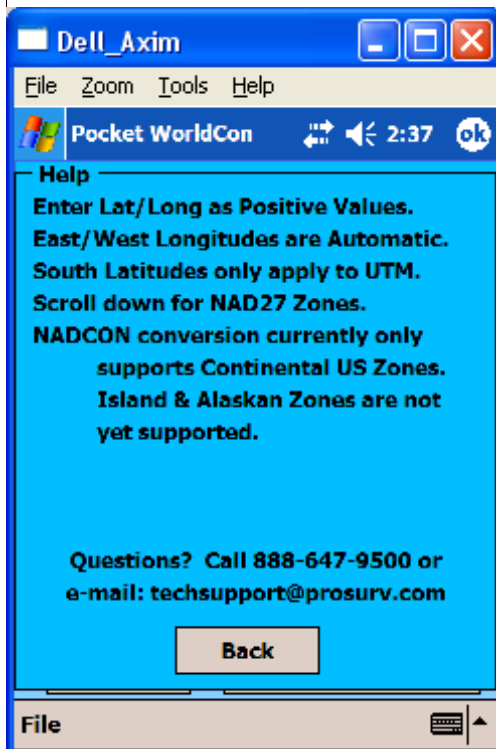
If you have entered a trial key, a screen similar to the one shown here will appear each time you run the Prosurv software. Once the expiration date has passed, you will not be able to run Prosurv Pocket WorldCon.

Click OK to continue loading Pocket WorldCon.

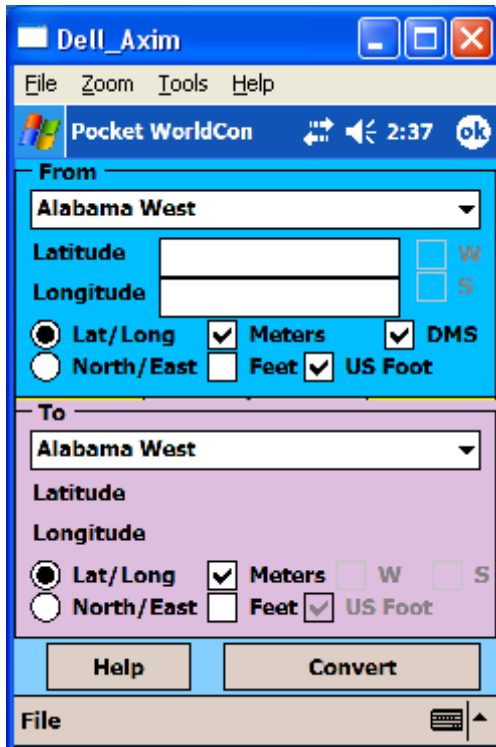
By purchasing a full license, you will be able to re-activate your Pocket WorldCon software.



That's it! Pocket Quads.NET is now up and running!



Tap the Help button to read the Help screen.

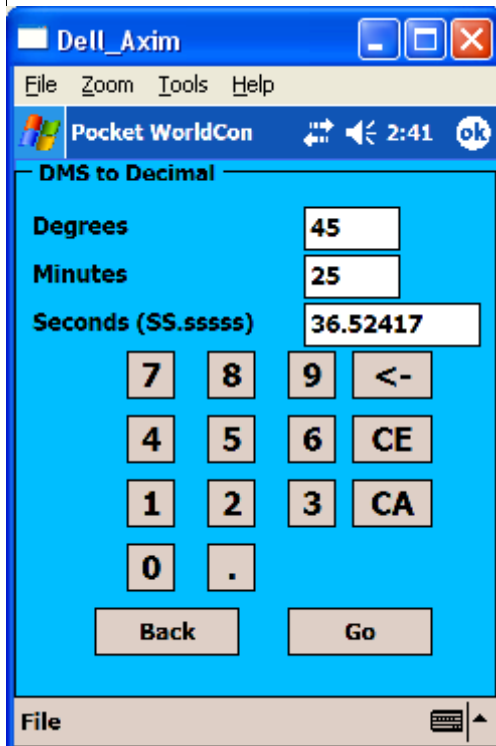


Convert NAD83 Lat/Long to NAD27 Lat/Long

Pocket WorldCon has a 'From' box and a 'To' box. To convert from NAD83 Lat/Long:

1. Select the **Lat/Long Option** in the 'From' box.
2. Latitude and Longitude are entered in Decimal form.
3. Select *any* NAD83 zone from the drop down zones

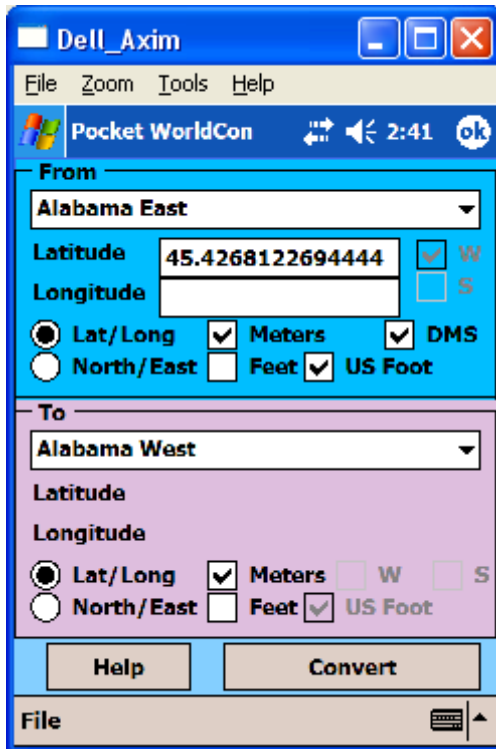
Note: Zones not marked NAD27 in the drop down selections are NAD83.



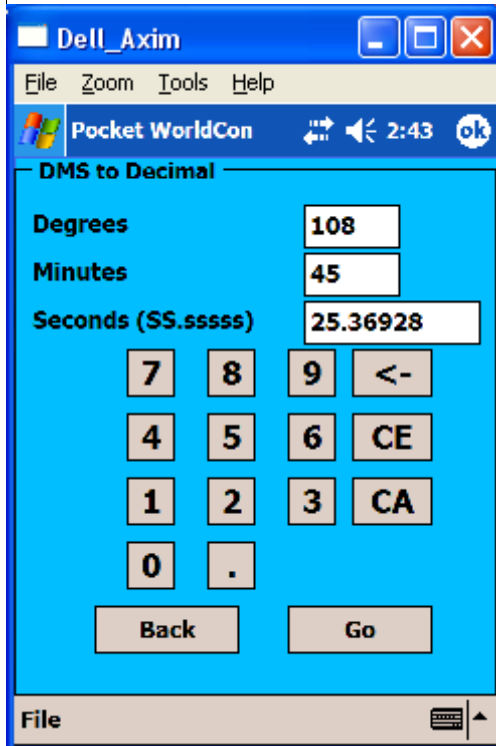
If you'd like to enter Latitude/Longitude in Degrees, Minutes, and Seconds (DMS), check the **DMS** box. Then, **when you tap in the Latitude or Longitude boxes**, a DMS entry screen will pop up.

When entering a Latitude, the cursor will move to the minutes box automatically after entering two digits in the Degrees box. Then, entering two digits in the Minutes box will move the cursor to the Seconds box.

Once you've entered the Latitude, tap the **Go** button.

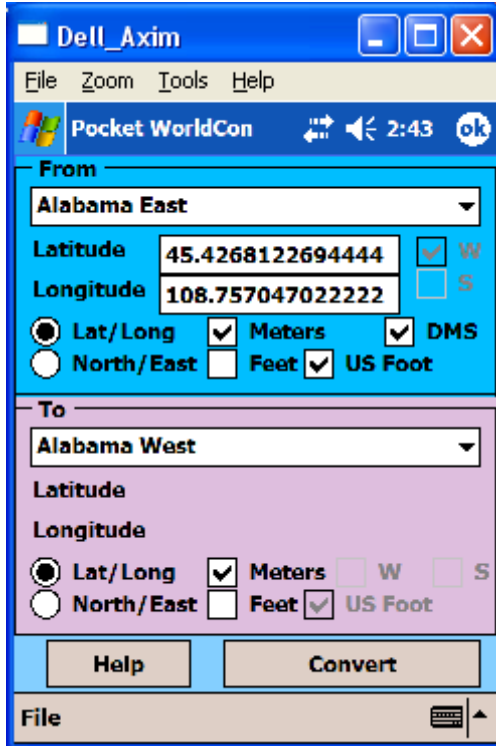


The Latitude is converted to Decimal automatically. Now, tap in the Longitude box.

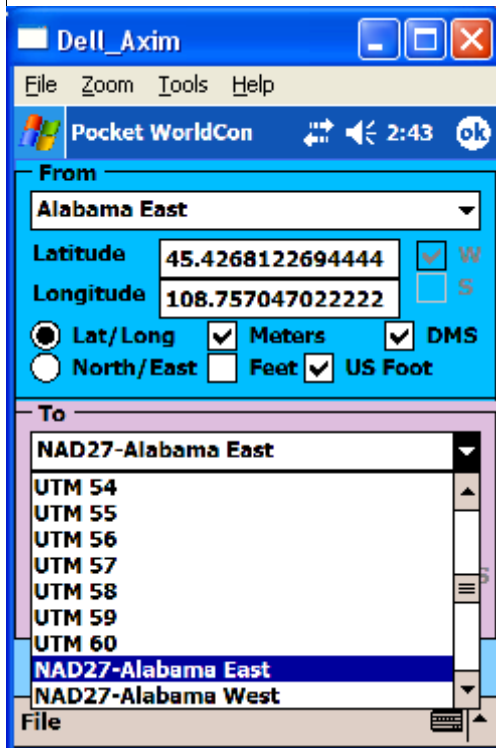


Type in your Longitude in DMS. Typing 3 digits into the Degrees box will move the cursor to the Minutes box. Then, typing two digits into the Minutes box will move the cursor to the Seconds box.

Tap the **Go** button to convert the DMS to decimal. The Longitude will now appear in decimal in the Longitude box.

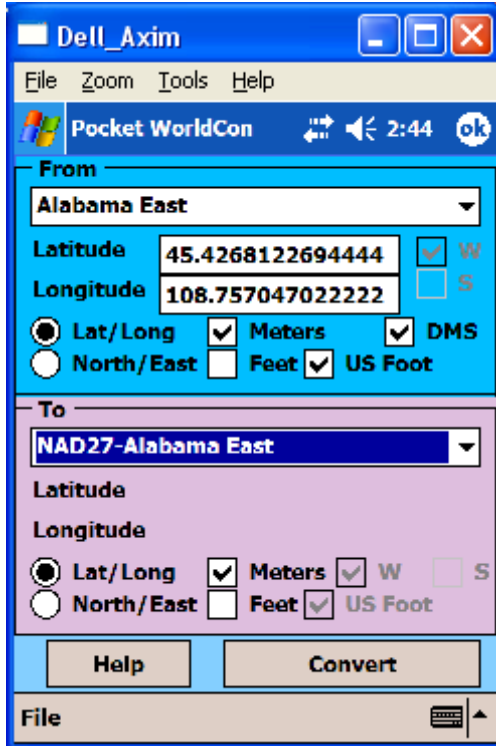


Your Latitude and Longitude have now been successfully entered as the 'From' Lat/Long.

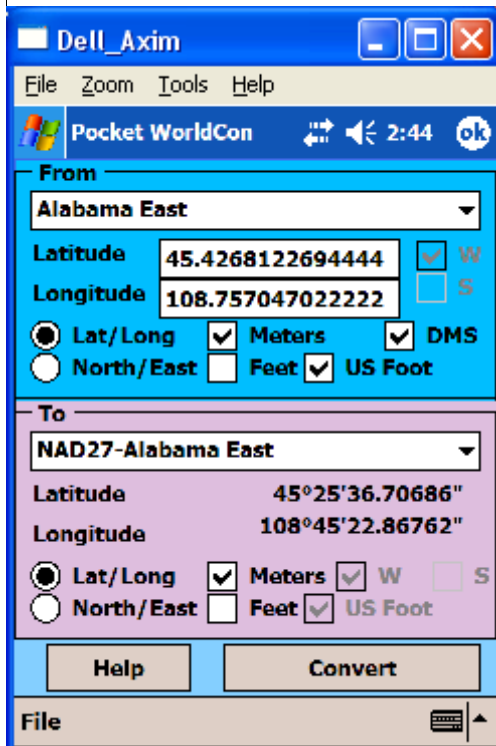


To convert to **NAD27** Latitude/Longitude, we simply need to select from *any* of the NAD27 zones in the 'To' window.

Since we're converting from a Lat/Long to a Lat/Long, the actual zones don't matter. Simply select a NAD83 zone for the 'From' (a NAD83 zone is any zone that doesn't say 'NAD27'). Then select *any* NAD27 zone for the 'To' zone.



Select the Lat/Long option in the 'To' window.



Tap the **Convert** button to complete the conversion.

Other types of possible conversions include:

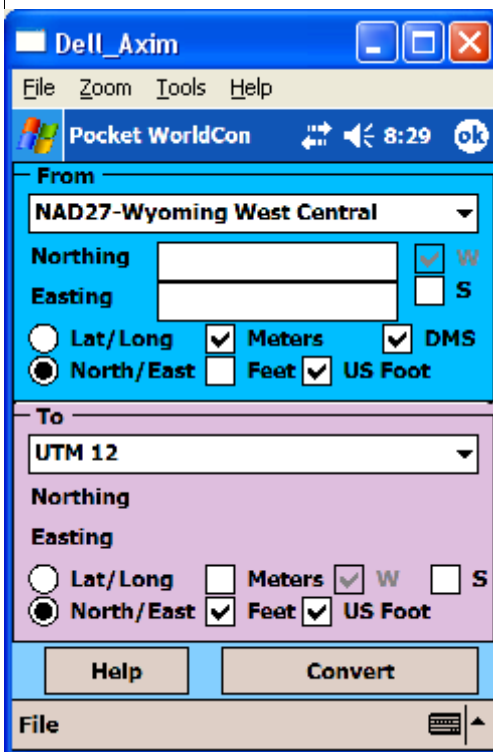
- NAD27 Lat/Long to NAD27 State Plane or UTM coordinate
- NAD27 Lat/Long to NAD83 State Plane or UTM coordinate
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- NAD83 Lat/Long to NAD83 State Plane or UTM coordinate
- NAD27 Lat/Long to NAD83 Lat/Long
- NAD83 Lat/Long to NAD27 Lat/Long...

Coordinates can be converted from any one zone to any other, including converting between different units automatically. Coordinates can also be converted to Lat/Long (NAD27 or NAD83).

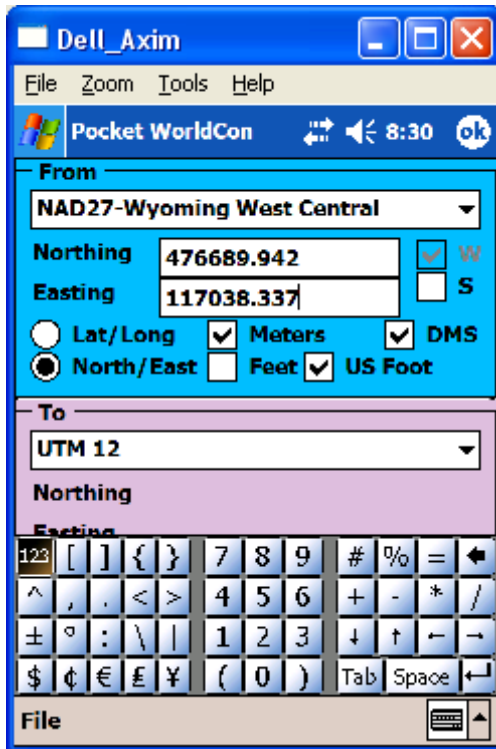
An example of a ‘complex’ type of conversion is shown here:

From: Wyoming West Central, NAD27 State Plane coordinate
North: 476689.942
East: 117038.337
Units: Meters

To: UTM12, NAD83
North:
East:
Units: US Foot

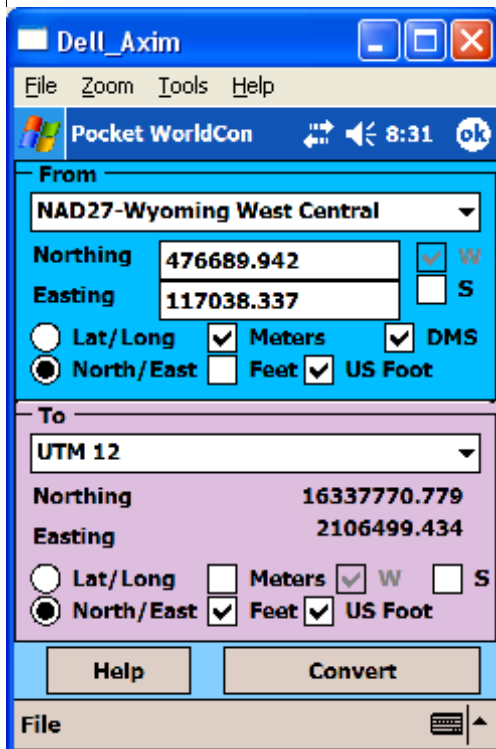


First, set up the conversion windows by selecting the zones ‘From’ and ‘To’. Select the North/East options in each window.



Next, type in the Northing & Easting values in the 'From' window.

(Tap the Keyboard icon at the bottom of the screen to make the keyboard go away).

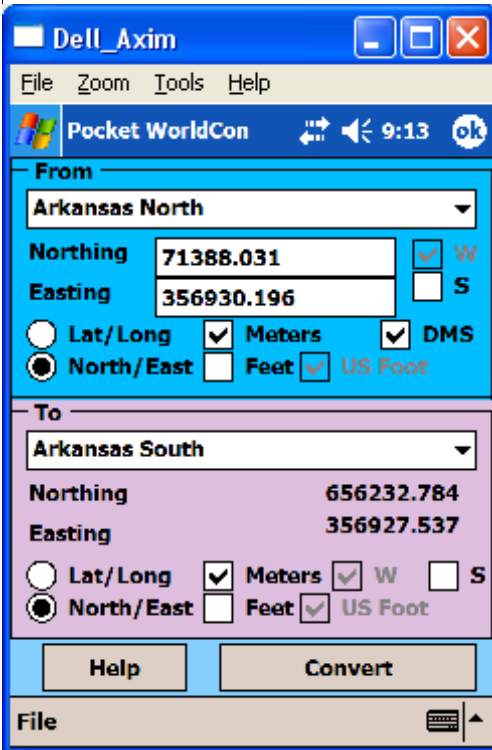


Tap the **Convert** button to complete the conversion.

This conversion yields the following results:

To: UTM12, NAD83
North: 16337770.779
East: 2106499.434
Units: US Foot

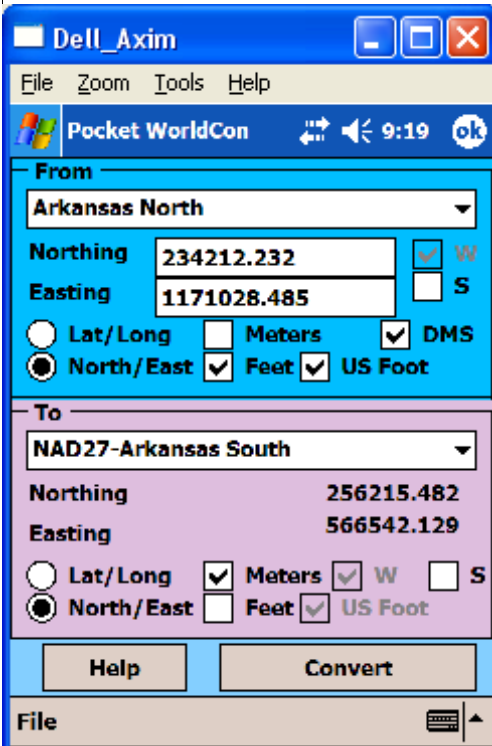
This next example is useful when needing to convert from one zone to a neighboring zone. For example:



From: Arkansas North, NAD83
North: 71388.031
East: 356930.196
Units: Meters

To: Arkansas South, NAD83
North: 656232.784
East: 356927.537
Units: Meters

And, finally, we can easily go from US Foot NAD27 coordinates to Meters NAD83 in a different zone:



From: Arkansas North, NAD83
North: 234212.232
East: 1171028.485
Units: US Foot

To: Arkansas South, NAD27
North: 256215.482
East: 566542.129
Units: Meters