

Provisional Seed Zones – Mobile - Statewide Android Apps.

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Currently available statewide apps:

<u>Oregon</u>	<u>Washington</u>	<u>Idaho</u>
<u>California</u>	<u>Arizona</u>	<u>New Mexico</u>
<u>Utah</u>	<u>Colorado</u>	<u>Montana</u>
<u>Wyoming</u>	<u>Nevada</u>	

1. Introduction

These applications deliver provisional seed zone map data to your android device. They are designed to function in both offline (disconnected, no mobile data or WiFi) or connected environments.

These instructions will walk you through the installation and operating procedures. **NOTE: The tutorial figures were created with a Samsung Galaxy Tab A device running Android Marshmallow (6.0.1). Your screen may look different.**

In order to work in offline conditions, the seed zones and background map data must be bundled with the app. To keep file size down and performance reasonable, the background maps loaded with the app are approximately 1:70,000 scale

2. Installation

Open [this document](#) in a browser on your connected device. There are several ways you can do this; one is to navigate to <http://www.fs.fed.us/wwetac/threat-map/TRMSeedZoneMobile.php> and look for the link 'Statewide PSZ Android Apps' and click that. When this

document is open in your device's browser, click the state desired at the top of the first page.

This should open the link in a tab in your browser and the download of the android apk file should begin. The download may take several minutes (Figure 1).

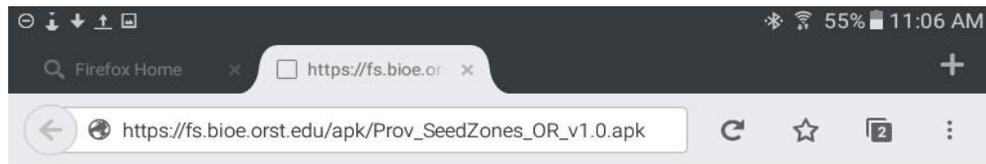


Figure 1. The moving arrow icons at the upper left of the android window indicate the download is progressing.

When the download is complete, swipe the top bar of the android screen to open the notifications panel. Find the Seed Zone apk download and double tap (Figure 2). This should start the install. First you will be asked for permissions (Figure 3) then the install will begin.

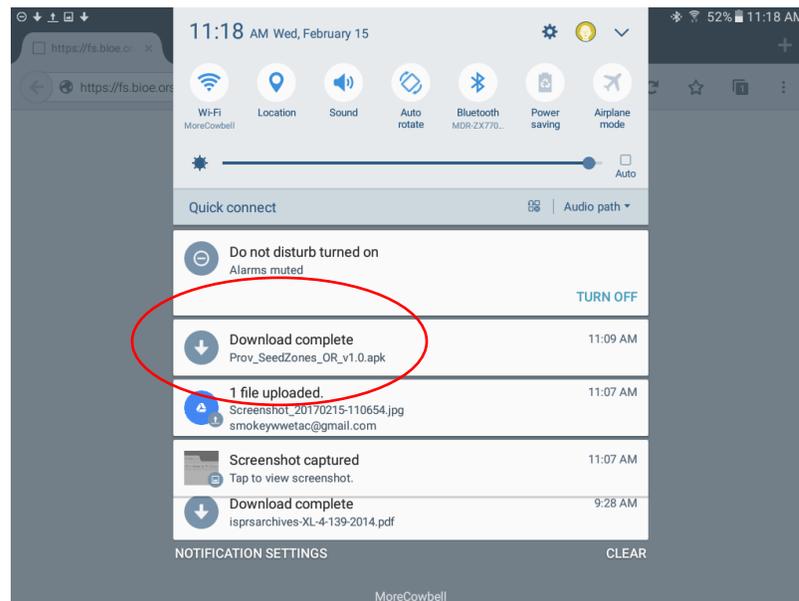


Figure 2. Find the downloaded apk file in the notifications panel.

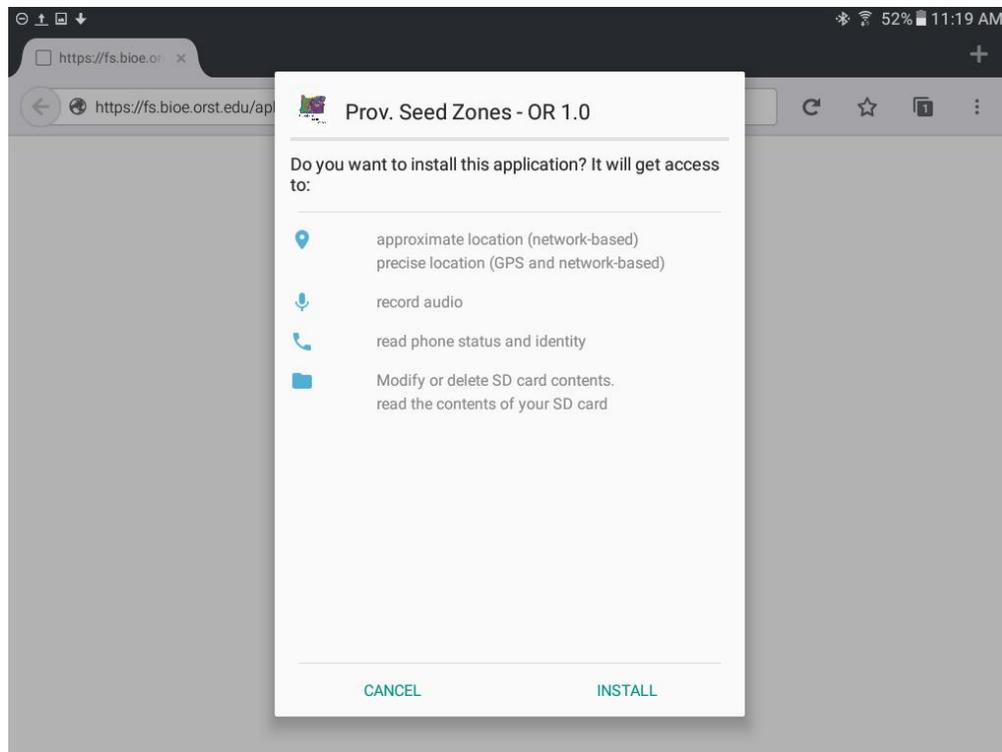


Figure 3. Android will ask you if the app should have permissions to access areas of your device.

When the app has successfully installed you will be given the opportunity to open the app (Figure 4).

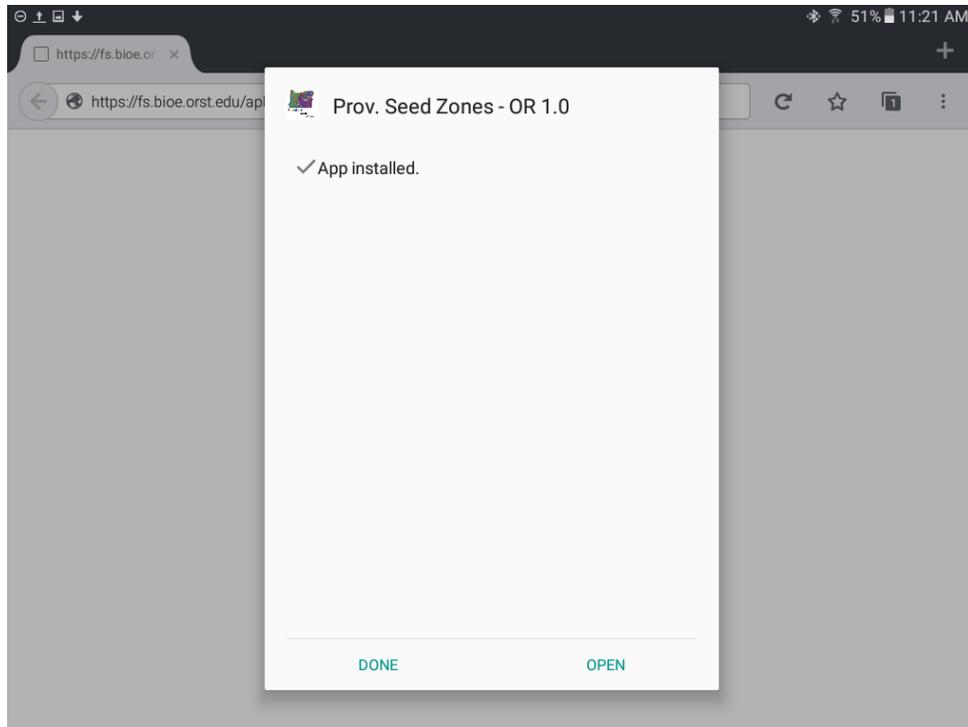


Figure 4. Notification that the app has been installed.

An icon for the app will be installed in your ‘Apps’ folder. You can slide this icon to your home screen for easier access (Figure 5).

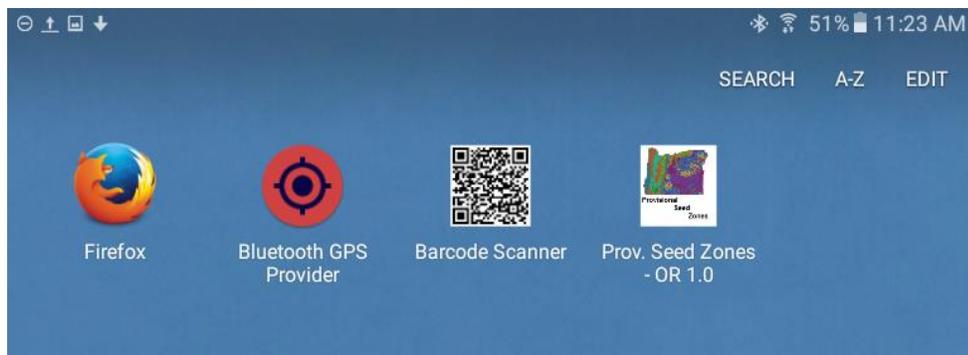


Figure 5. The seed zone app icon (in this figure, for Oregon) in the apps folder.

You may install multiple statewide apps. They can be distinguished by the title and the icon which contains a graphic of the state.

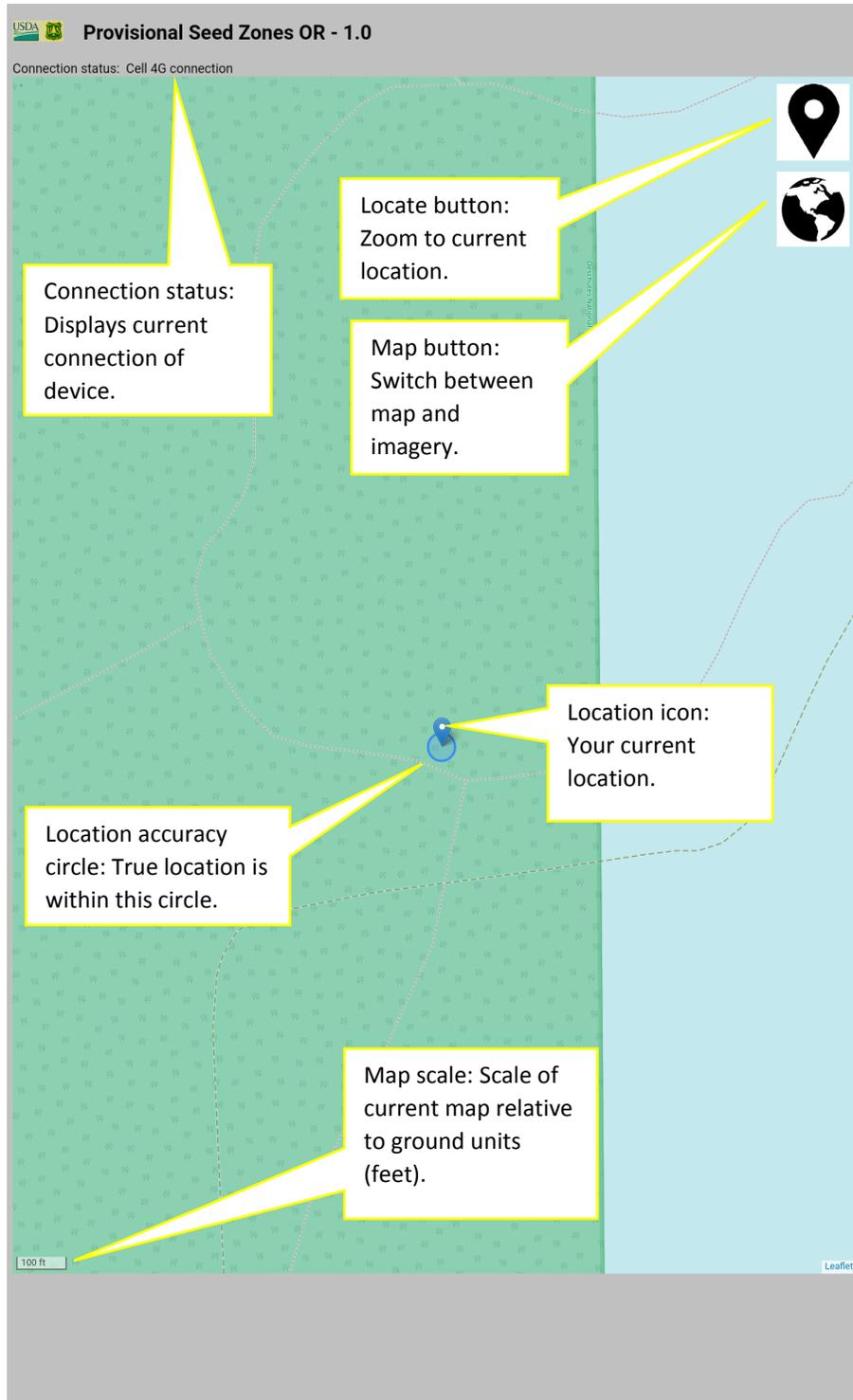


Figure 6. Features and icons in the seed zone apps.

3. Operation – The basics

Launch the app by tapping the icon. It may take several seconds to load. Figure 6 identifies the controls and icons. Upon loading, the app will immediately determine your location.

The map can be panned to different location by swiping with your finger or stylus. To return to your current location, tap the locate button.

To change the scale of the map (Zoom in/out) use a pinching motion with your thumb and forefinger.

To identify the seed zone at any location on the map, use a quick double tap and the seed zone info will appear in a info balloon (Figure 7).

- a. Device location – Android devices can use multiple methods to determine location, including mobile data (cell) towers, WiFi networks, and GPS. Often all three are used and in connected environments this is usually the best option. However, in disconnected environments the best option is to have the device use GPS only for locating, otherwise it will spend time and resources searching for WiFi/Mobile data networks that are not in range. To set your device to ‘GPS Only’, go to your settings panel and look for ‘Location’ or ‘Privacy’. This setting seems to vary in location so you may have to consult the documentation for your device.

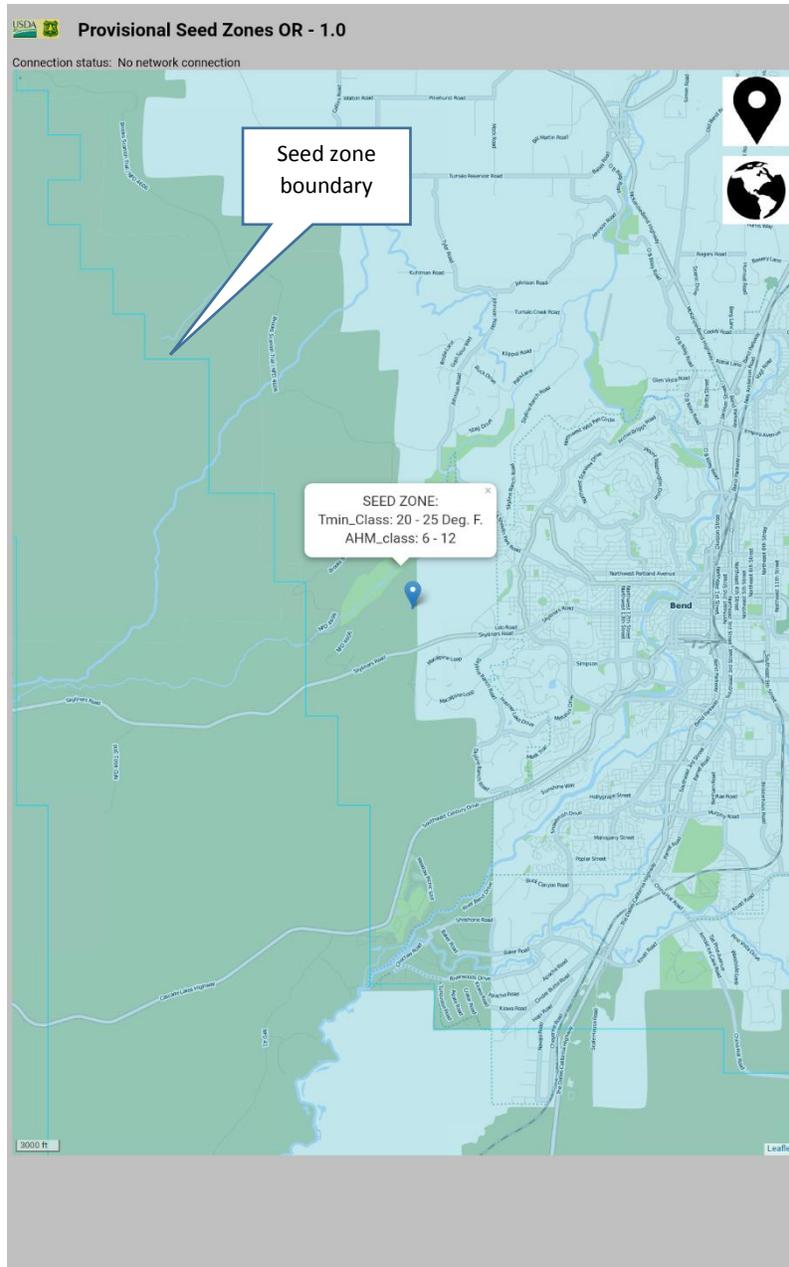


Figure 7. Double tap the screen to display the seed zone data at that location. Seed zone boundaries are displayed in blue.

When connected, imagery is available as an alternative background map. To toggle back and forth between imagery and the map, use the map button (Figure 8).

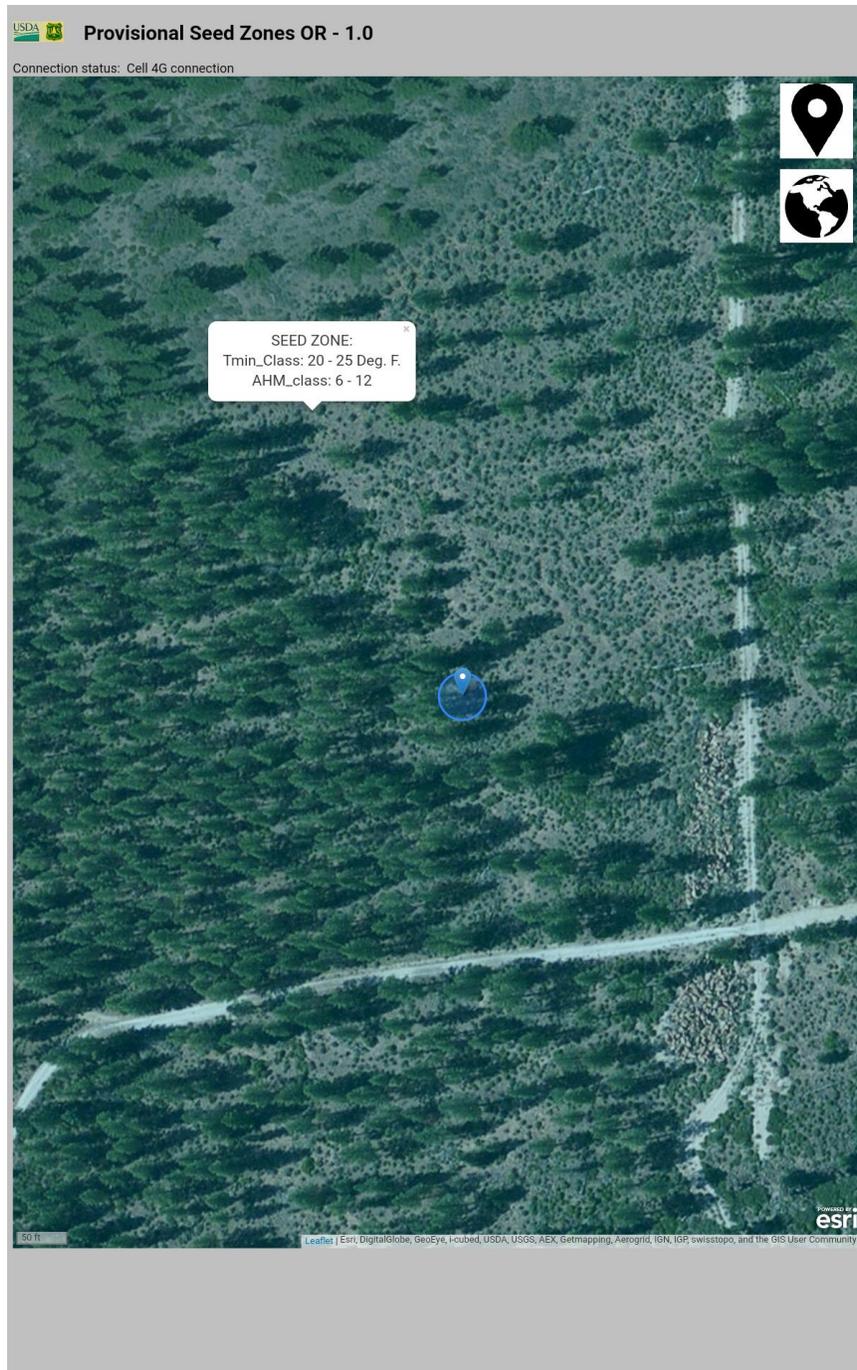


Figure 8. The map button toggles between imagery and map backgrounds.

Seed zone boundaries are displayed in blue. You may need to zoom out to see boundaries adjacent to your current location.

4. Operation – offline (disconnected).

When the device becomes disconnected to mobile data/WiFi, the app switches to a map base that is loaded locally on the device. Because of file size constraints this map is limited to around 1:70,000 scale – meaning that you cannot zoom in beyond around 1:70,000. Imagery is not available when off line (Figure 9). Location and seed zone identification functions should perform the same way as in connected situations.

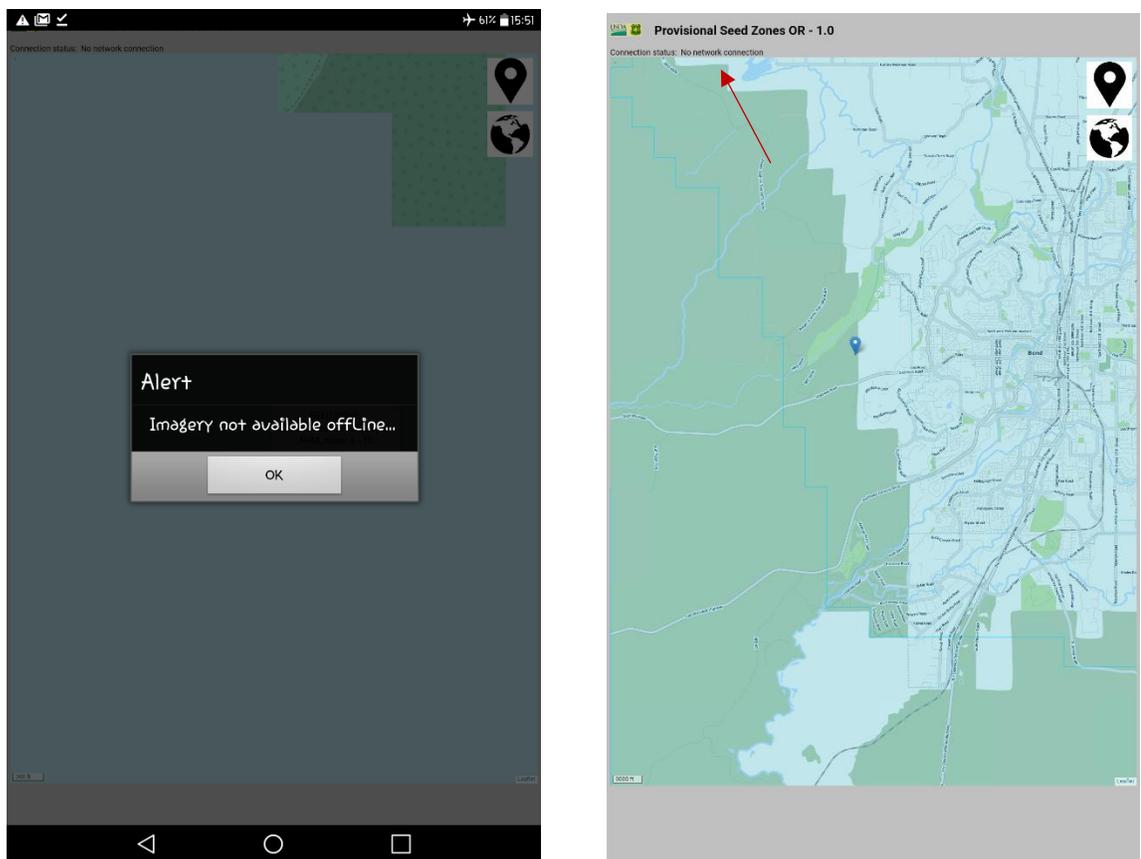


Figure 9. In disconnected environments imagery is not available and map detail is limited.

For questions/support:

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