

ArcGIS Collector

Enhanced Vegetation Management User Guide



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Collector by ArcGIS Online

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Overviews and Tutorials

ArcGIS Collector

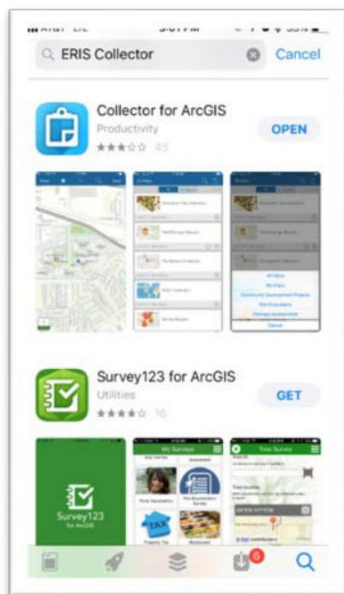
How to Open ArcGIS Online

Overview

Summary

Below are step-by-step instructions for downloading, signing-in, and launching the ArcGIS Online app.

1. If needed, download Collector App by searching ESRI Collector in the App Store.



System Requirements:

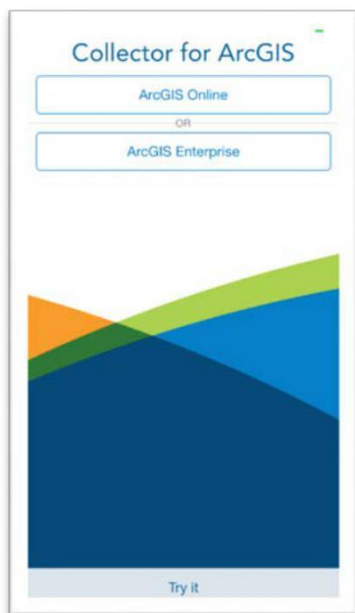
Android

- Android 4.2 (Jelly Bean) or later
- Processor: ARMv7 or later, or x86
- OpenGL ES 2.0 support
- Precise location (GPS and network-based) support

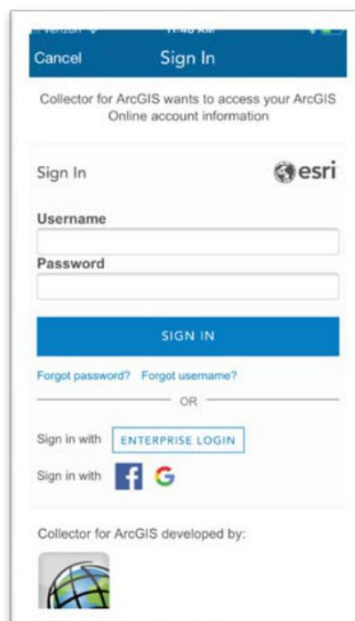
iOS

- iOS 8 or later
- iPhone, iPad, iPod touch

2. Start Collector App and sign in to ArcGIS Online.



Select ArcGIS
Online

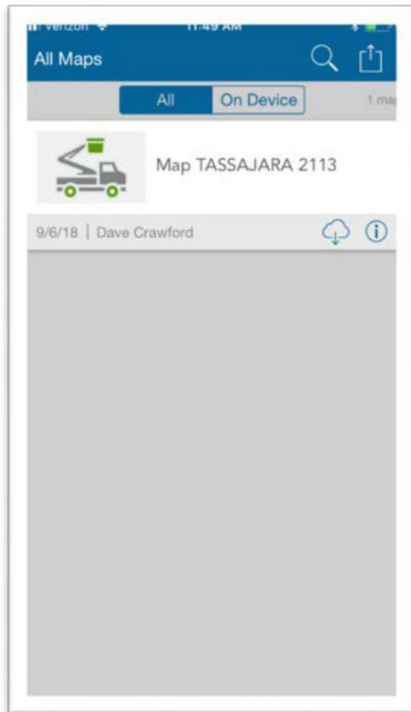


Sign-in

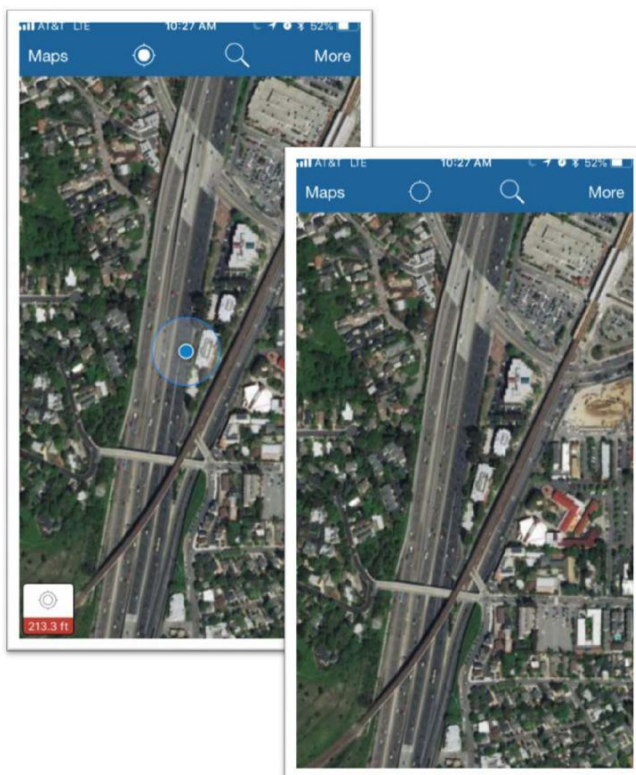
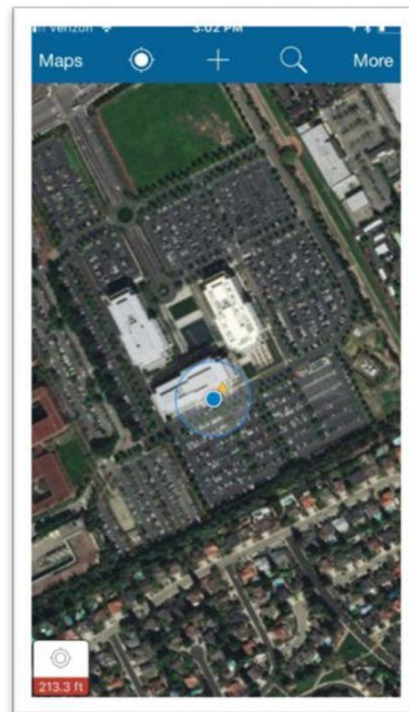
How to Open ArcGIS Online

Overview

3. Choose a map to work in.



4. The map will open and center on your location.



GPS On

When the 'Current Location' icon is highlighted white, the GPS finder is on.

GPS Off

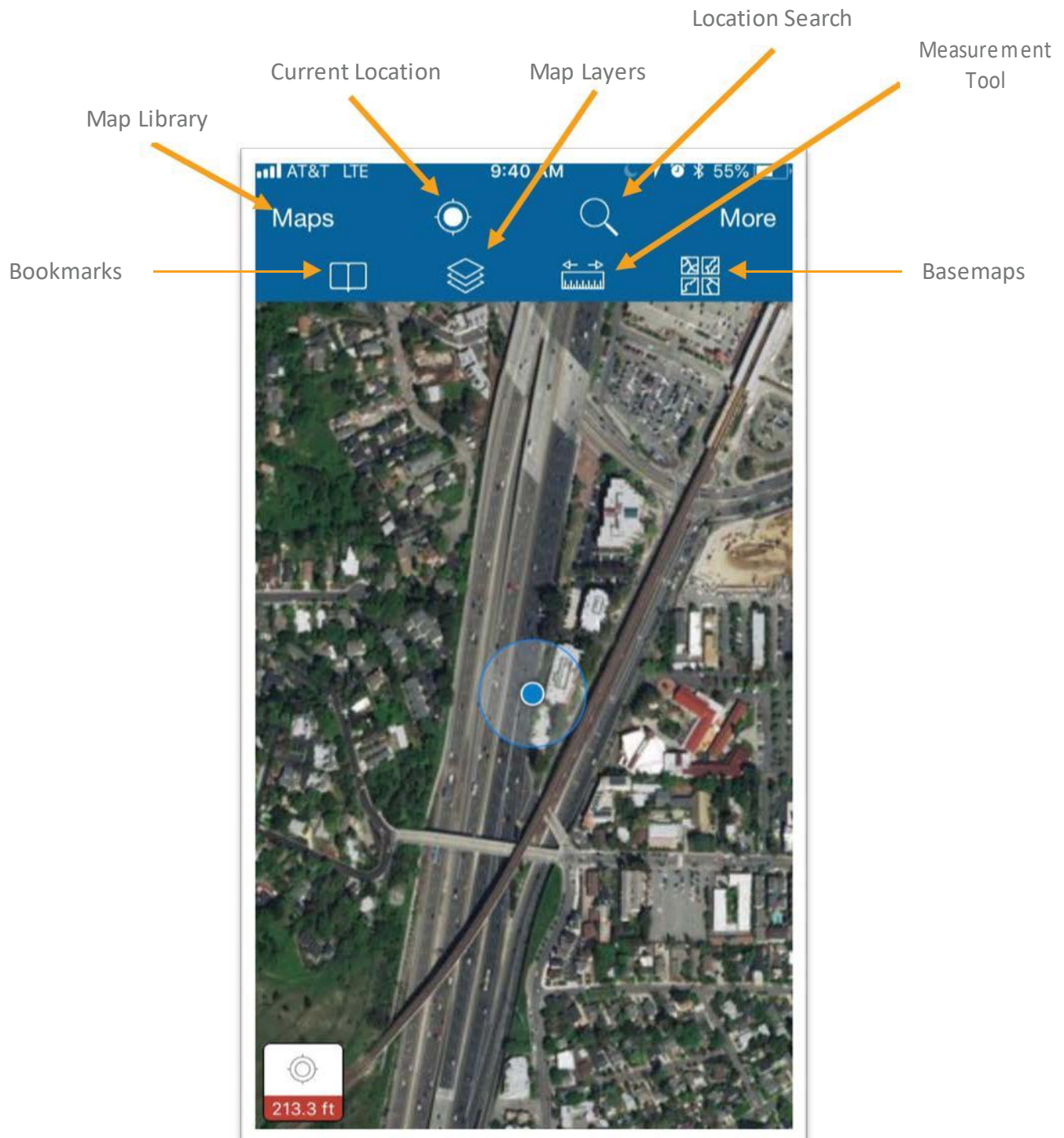
When the icon is not highlighted white, the GPS tracker is off.

Home Screen Menu

Overview










Summary

This is an overview of the ArcGIS Online for mobile interface.



Home Screen Menu

Overview

	Map Library	Navigates users back to the Map Library
	Current Location	Center map on your current location
	Bookmarks	Access your bookmarks
	Map Layers	Access Map Layers List
	Location Search	Search for addresses and locations
	Measuring Tool	Access Measurement Toolkit
	Basemaps	Access to Basemap Library
	Add a feature	Create new point, polygon, or line
	Accuracy Integration	Horizontal and Vertical Accuracy

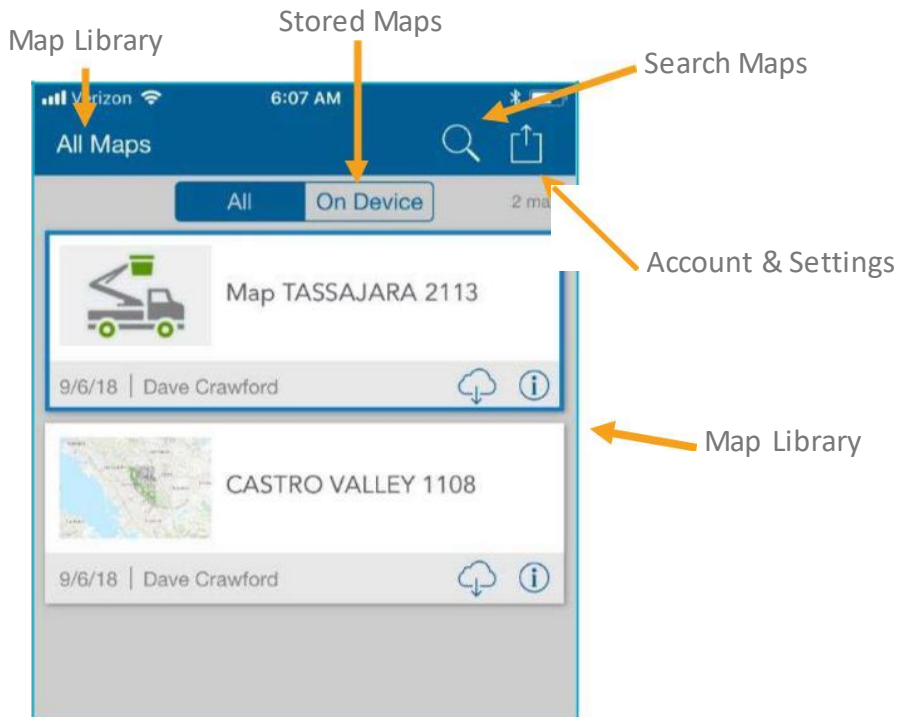
Map Library

Overview

Summary

This is where all your maps are stored. You'll have the option to store the map on your device.

Map Library Toolbar



All Maps

Navigates users back to the Map Library



Stored Maps

Toggle between Cloud-Based and On Device



Search Maps

Search through Map Library



Download to Device

Store Maps on Device for 'offline use'

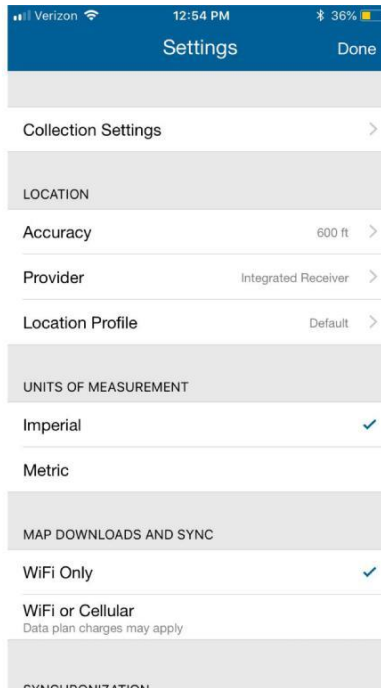
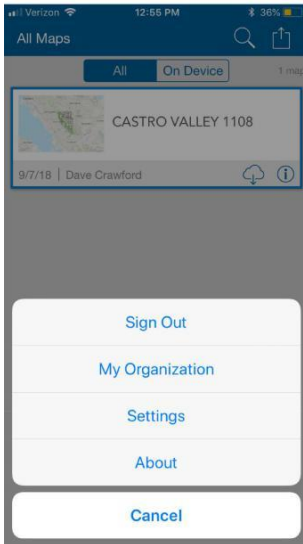


Map Details

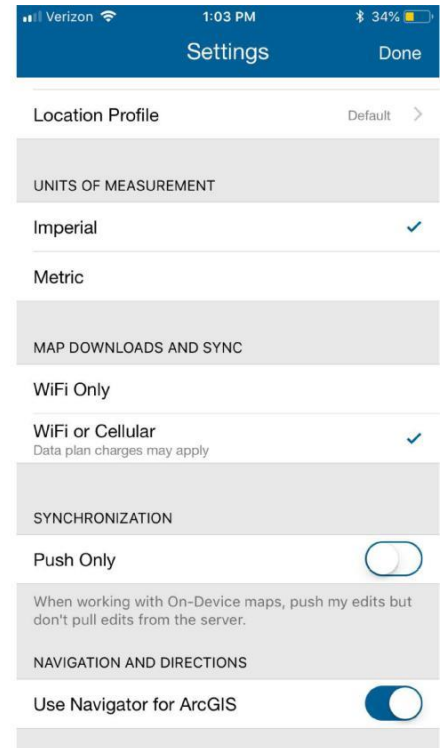
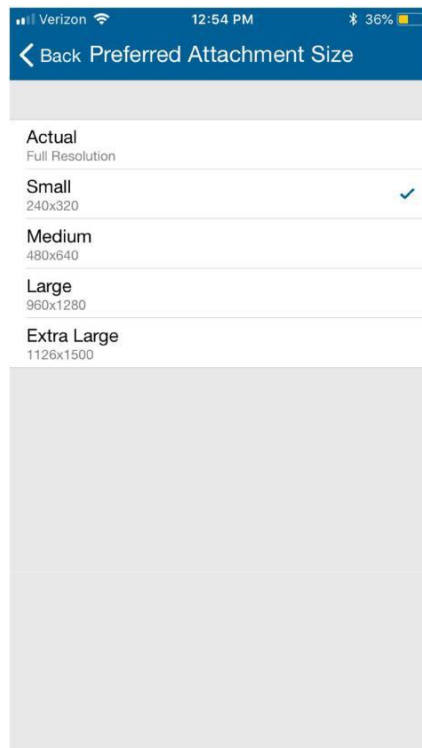
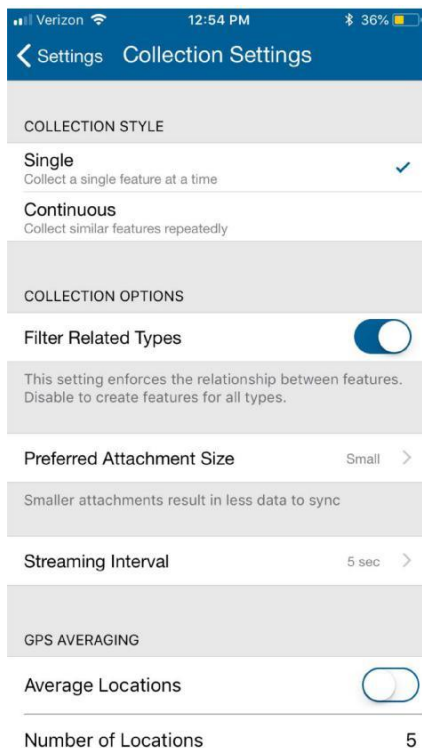
View map and survey details

Map Library

Overview



- ☐ Attachments should be saved as a small file type.
- ☐ Syncing of offline data should be available via wifi or cellular data.
- ☐ These can be configured in settings on the home screen.
- ☐ Open Settings and click on Collection Settings.



Open Preferred Attachment Size

Choose small attachment size.

Choose Wifi or Cellular for Syncing

Map Layers and Basemaps

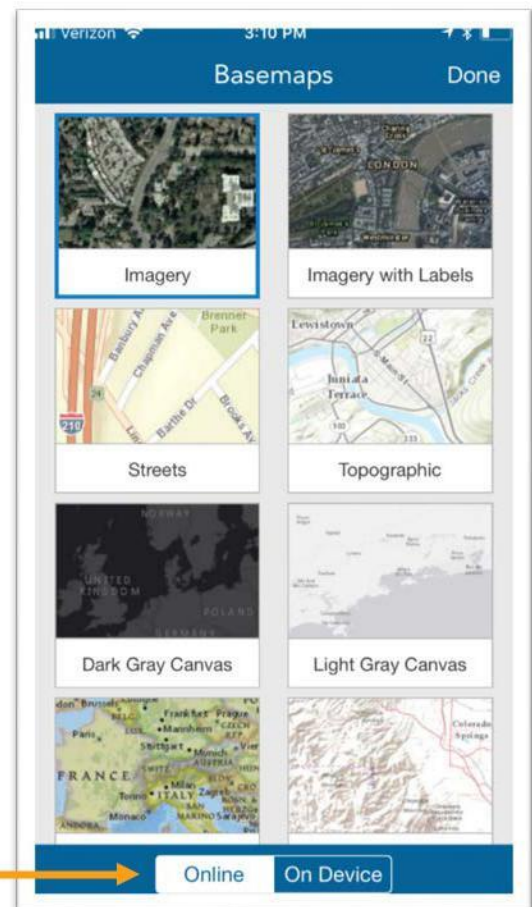
Overview

Layers	Done
<input checked="" type="checkbox"/> Vegetation Point	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Conductor Inspection	<input checked="" type="checkbox"/>
<input type="checkbox"/> GARB	<input type="checkbox"/>
<input checked="" type="checkbox"/> GIS Inaccurate	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Vegetation Project	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Parcels	<input checked="" type="checkbox"/>

The available layers to view are 'GARB', 'Vegetation Point', 'Vegetation Project', 'Conductor Inspection', 'GIS Inaccurate', 'Parcels'. If the blue circle to the left of the layer option is checked and blue, the layer is turned-on and will appear on the map.

If connected to WIFI or mobile data (not working 'On Device') you can access any ESRI basemap at any time. While connected to WIFI or mobile data, you can store basemaps to be used when working 'On Device'. This is where you can change the display type of the map that appears on your screen.

Online/On
Device Toggle

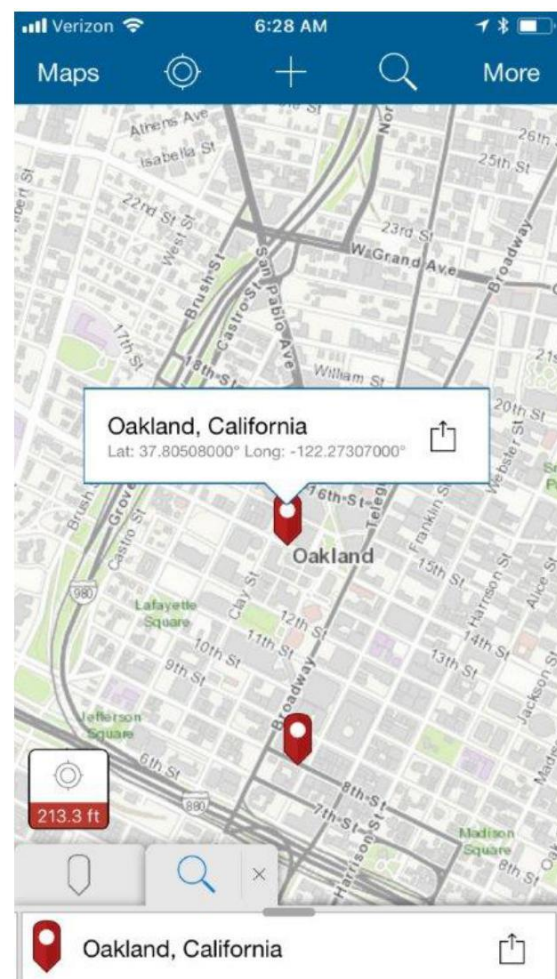
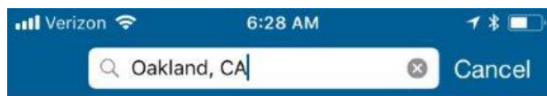


Location Search

Overview

Summary

This is where you can search for places or addresses. Once you enter the place or address you would like to locate, the map will adjust accordingly.



Adding Data

ArcGIS Collector

Symbols

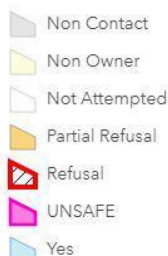
Legend

Summary

Below are the meanings of the symbols and colors that are seen throughout the map as you input the information for each layer. These are based off of the Fuel Reductions Standards.

1.

Parcels



The first layer that will be updated will be the Parcels.

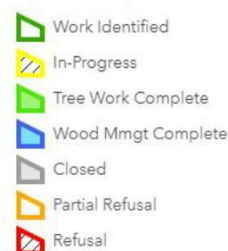
2.

Start Project

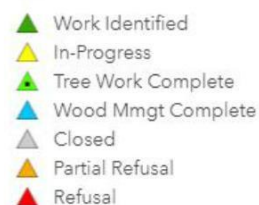


The second layer that is updated is the 'Start Project' layer. This layer is used to add a Vegetation Project or to Add a Vegetation Point.

Vegetation Project



Vegetation Point



3.

Conductor Inspection



The last layer that will be updated after the inspection complete, is the Conductor Inspection Layer.

4.

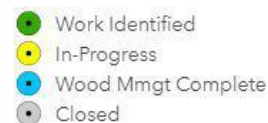
GIS Inaccurate



If necessary, a GIS Inaccurate line can be added if the line in GIS is not consistent with the line in the field.

5.

Wood Management



If necessary, Wood Management points are used by the Wood Management Team.

6.

GARB



GARB is an environmental reference layer. See more details on page 17.

Parcels

Map Layers

Summary

The 'Parcels' layer displays the details for each property based on the project assigned. The details can be accessed for each Property by selecting the 'Details' icon.



Details Icon



Map	Details	
	Area 2.683 acres	
	Edited by DPCN_WEVM on 9/10/18 at 11:03 AM	
	Parcels: ADOLF J BIONDINI	
	PARCEL_ID 923,987,355	
	APN 52247009	
	County HUMBOLDT	
	APN Formatted 522-470-009-000	
	Landuse Description TYPE UNKNOWN	
	Property Description Miscellaneous	
	Site Address 1600 ST HWY 96	
	Property City WILLOW CREEK	
	Property State CA	
	Property Zip Code 95573	
	Owner Name ADOLF J BIONDINI	
	Owner Name 2 MARY A BIONDINI	
	Owner Phone	



Vegetation Point, Vegetation Project


Map Layers

Vegetation Point/Vegetation Project

To view Vegetation Points and Vegetation Projects, select 'Vegetation Point' or 'Vegetation Project' from the Map Layers menu. After selecting the Vegetation Point or Vegetation Project, it will open up the screen with all the fields that need to be completed. After completing the required fields, click 'Update' to finish.

Vegetation Point Fields

Cancel   Update

 **Location**
Lat: 40.96953508° Long: -123.64141837°
Edited by cwillp_awrr 5 hours ago 16.4 ft

Vegetation Point:

Status

Work Identified >

Prescription

Remove >

Crew LanID

>

TW Company

>

Tree Work Date

>



Actual Work


>

TW Comments

>

Vegetation Project Fields

Cancel   Update

 **Area**
2,483 sq ft
Edited by cwillp_awrr 5 hours ago

Vegetation Project:

Status

Tree Work Complete >

Conductor to Sky

Yes >

Conductor to Ground

C >

Crew LanID

Cw >

TW Company

Fco >

Tree Work Date

9/26/2018 9:56 AM >

TW Comments

>

Actl Tree Removals

0 >

Actl Tree Trims

0 >

Conductor Inspection

Map Layers


Summary

The 'Conductor Inspector' layer provides details for each power-line on the Map. The details can be accessed for each power-line by selecting the 'Details' icon.



Details Icon



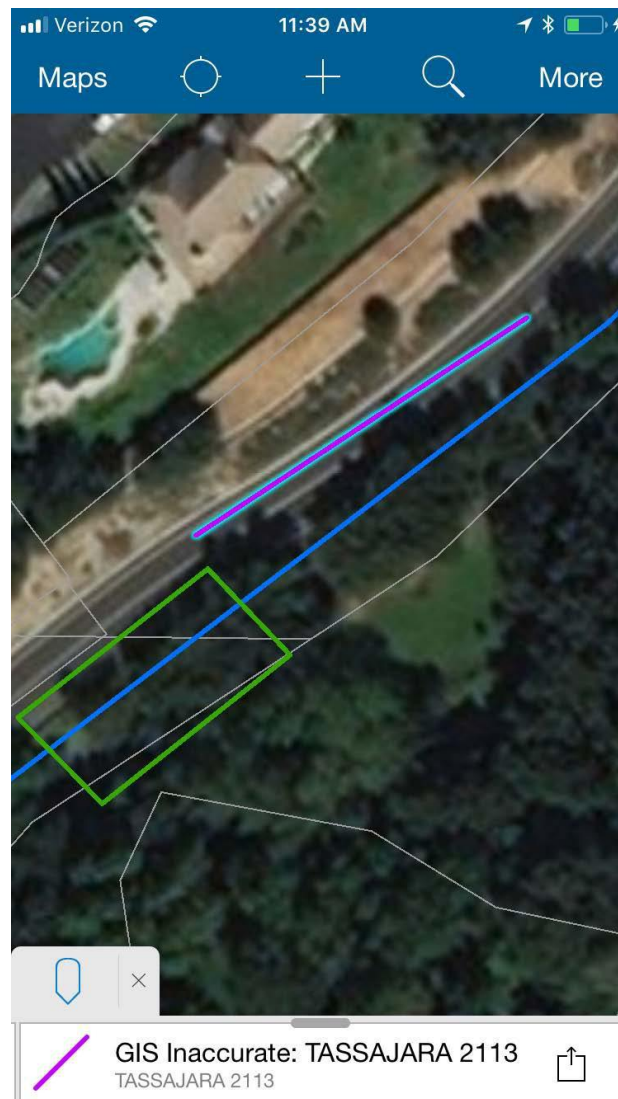
Map	Details
 Length 146.4 ft	
Edited by mcreep_awrr 23 hours ago	
Conductor Inspection: WILLOW CREEK 1102	
Inspection Status Inspected	
Inspection Date 9/25/2018 4:04 PM	
Inspector LanID MMCZ	
Comments	
Circuit Name WILLOW CREEK 1102	
Circuit ID 192171102	
Division 20	
Service Area R3-NO	
Miles 0.03	
Place Name HUMBOLDT	
Threat Tier Tier 3	
GLOBALID_TXT 96295318-0178-4d07-8551-73fcf9bae128	

GIS Inaccurate

Map Layers

Summary

GIS Inaccurate is used when the electric line in the field is different than it is in GIS. if the line is inaccurate in GIS, it will be displayed as new line segment as shows below.



Reference Layers

ArcGIS Collector

GARB Environmental Layer

Map Reference Layers

Summary

GARB is a reference layer visually displaying environmental information on the line as well as where there may be additional constraints.

GARB

Green

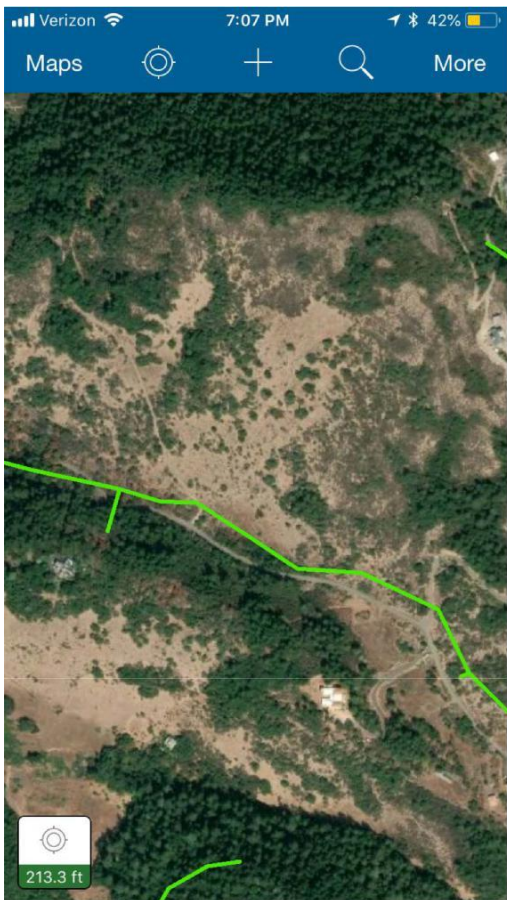
Red

Yellow

☐ Green: Cleared with Standard BMPs – okay for ground to sky. Apply the Green Environmental Release to Construction (ERTC)

☐ Red: Agency land: Do not work. Permit Required. Consult with Environmental Lead.

☐ Yellow: Caution: Conductor to sky only. Specific AMMs may apply. Amber ERTC can be obtained from the Environmental Lead.



Layers	Done
<input type="checkbox"/> Vegetation Point	<input checked="" type="checkbox"/>
<input type="checkbox"/> Conductor Inspection	<input checked="" type="checkbox"/>
<input type="checkbox"/> GARB	<input type="checkbox"/>
<input type="checkbox"/> GIS Inaccurate	<input checked="" type="checkbox"/>
<input type="checkbox"/> Vegetation Project	<input checked="" type="checkbox"/>
<input type="checkbox"/> Parcels	<input checked="" type="checkbox"/>

The GARB layer is not turned on upon login.

Open Layers to turn on the GARB layer.

GARB Environmental Layer

Map Reference Layers



Once the GARB layer is turned on it will be visible over the Conductor Inspection Layer.



GARB is for reference only and will not be editable.

Upload and Sync Offline Maps

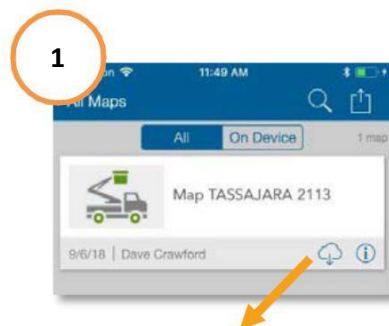
ArcGIS Collector


Upload/Sync Offline Maps

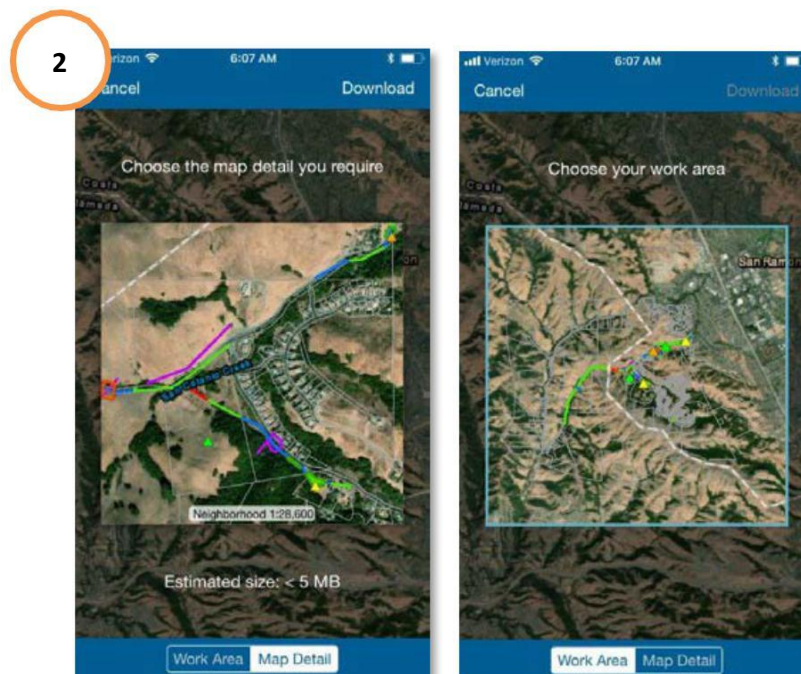
Summary

If you are working in a remote area with limited cellular service, you can download a map to work offline to work 'On Device'. If offline or working 'On Device', after you have re-established cellular service, you will need to go back to the 'Maps' menu under 'On Device' and click the up/down cloud icon with the red number (indicating the number of features that have not been uploaded to ArcGIS Online) and select the cloud to submit and sync these features to ArcGIS Online. This requires cellular data or WIFI connection.

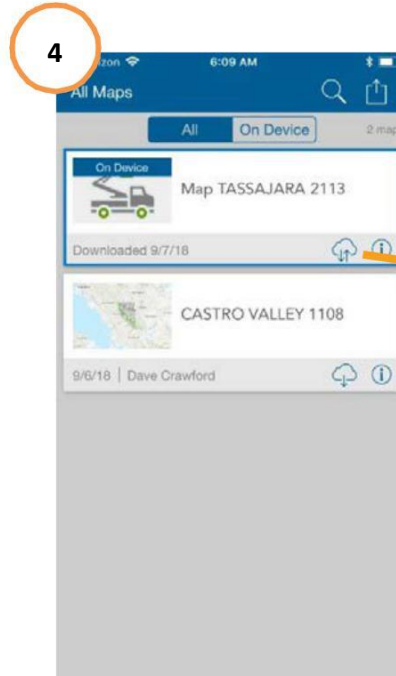
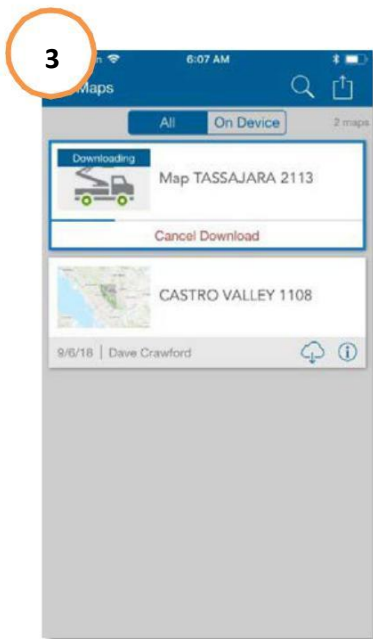
Downloading a map for offline use



Click on the  icon to download the map.



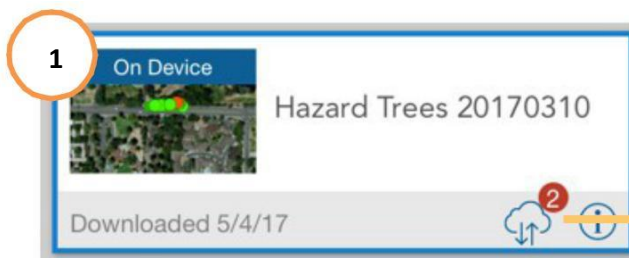
Upload/Sync Offline Maps



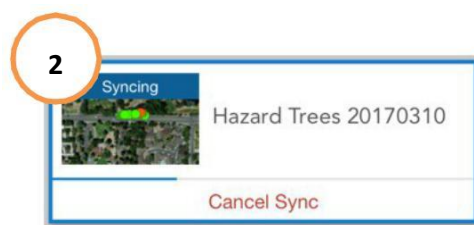
This icon means the map is now downloaded onto your device

Syncing your offline activity

If you are working offline or 'On Device', be sure to sync your data once you have re-established either cellular service or have a WiFi connection. Once you have finished syncing all your offline maps, you can delete the saved maps from your device.

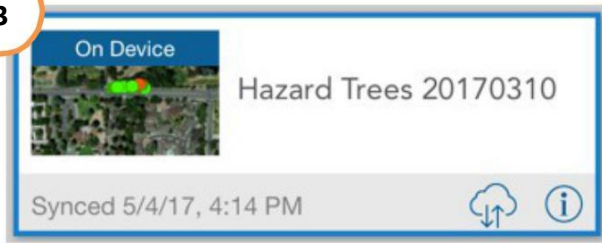


Select Sync to Cloud icon to submit the 2 features added offline to ArcGIS Online.



Upload/Sync Offline Maps

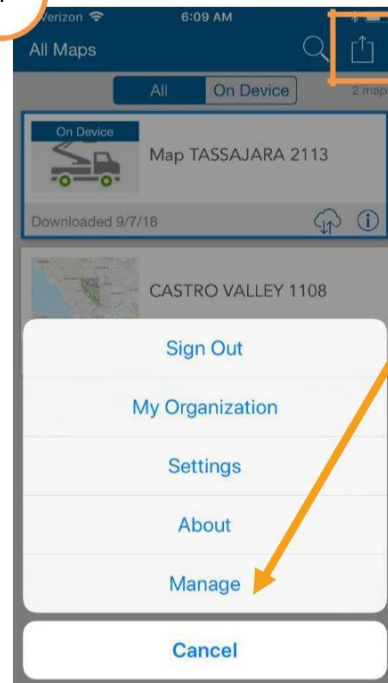
3



The notification number will disappear once synced. The time and date is feature in the bottom left corner.

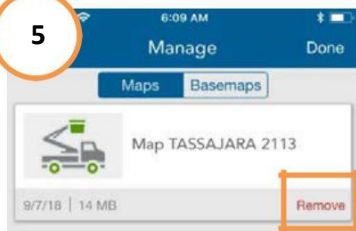
If you are working online, connected to ArcGIS Online with WiFi or cellular data, you do not need to sync because it is done every time you select submit.

4

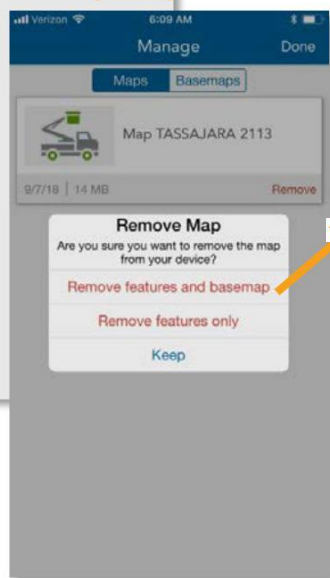


Click here and select "Manage" to delete the map off of your device once you have completed synced to ArcGIS

5



Select "Remove"



Select "Remove features and basemap" to delete the map from your device

Links and Resources

ArcGIS Collector

Links and Resources

All Documentation can be found at the following link:

<https://tinyurl.com/awrr-docs>

The following can be found in this folder:

- ☐ User Guide
- ☐ Quick Start Guide
- ☐ Collector Videos
- ☐ First Time Login Instructions
- ☐ General Guides

Questions related to Collector (adding and editing features, layers, etc.) can be directed to the following email address:

AWRRMapsSupport@pge.com

Questions related to logging in or resetting passwords can be directed to **TSC Support** at the following number: 415-973-3411.