

Collector for ArcGIS

Collect data

Viewing: [Android](#) | [iOS](#)

In this tutorial, you'll use the Damage Assessment Survey map to collect a damage assessment. You'll open the data collection map, collect the new damage assessment's location, provide information about the damage, add a photo, and save and share your work.

Note:

The screen captures show the app on a phone. However, the same workflow applies when working on an iPad, and you can follow this tutorial using one.

Open the map

In Collector, browse to and open the Damage Assessment Survey map that is available in trial mode.

1. [Install Collector for ArcGIS from the App Store](#) if you don't yet have it on your phone.
2. Start the app.
3. On the initial screen, tap **Try it**.

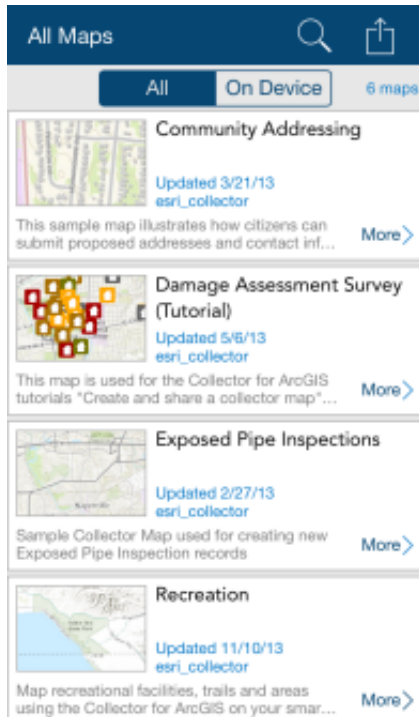


Note:

If you already installed and logged in to the app, you can access the trial functionality by signing out.

On the Map Gallery, tap Action  and tap **Sign out**.

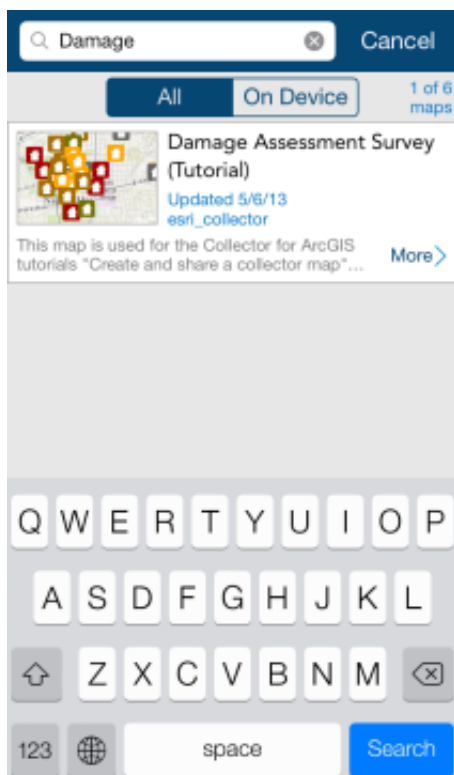
The trial user's content is loaded in the app, and you're taken to the list of **All Maps**. This is similar to the experience of logging in as the trial user, as it is a real account with real maps, groups, and content. However, the trial experience menu has no **My Maps** option.



Note:

Since the trial user is a real account, the maps available to it are dynamic and periodically updated. You might see a different list of maps than is shown here.


4. On the **All Maps** page, search for **Damage** to find the **Damage Assessment Survey** map.

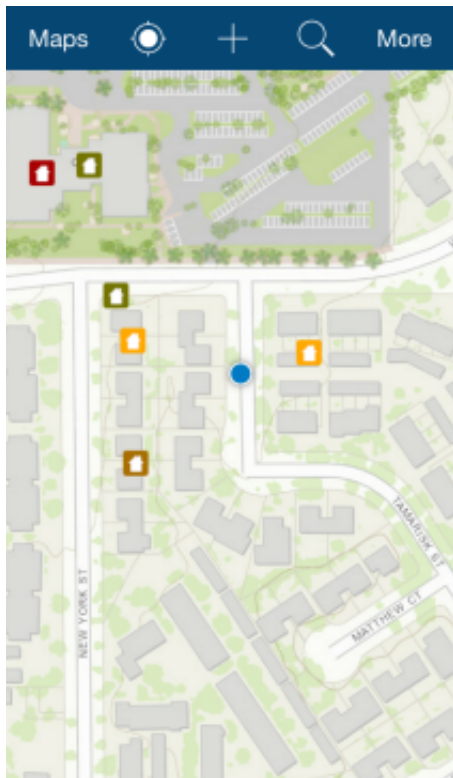
**Note:**

You may have a different thumbnail for the map; that's okay—it matches the thumbnail used on ArcGIS Online.

5. Tap the Damage Assessment Survey map's thumbnail to open it.


The [map](#) opens with the Damage Assessment Survey map. The extent shown reflects your current location if you enabled location services (otherwise, you see the extent at which the map was saved). For this tutorial, it doesn't need to match the extent shown in the screen capture.

If location services is enabled, **My Location** shows a filled circle , indicating your location is displaying on the screen and that as you move, the map pans to remain centered on your location.

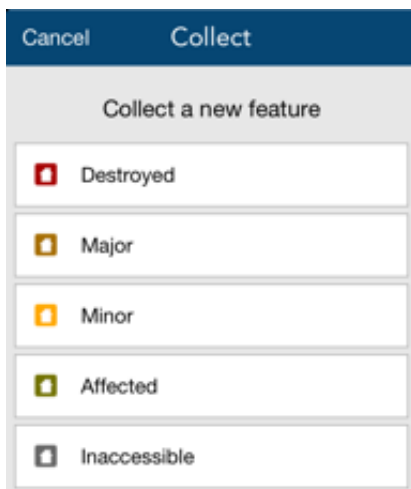


Collect damage location

With the map open, you're ready to create a damage assessment. In this tutorial, you'll create a damage assessment for minor rain damage.

1. Tap **Collect New**  to create a new damage assessment report.

The **Collect** panel opens.

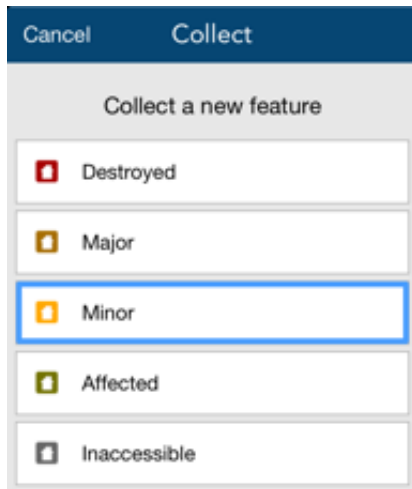


Note:

If you're working on an iPad, you do not have a **Collect New** tool on the toolbar nor a **Collect** panel.

Instead, you'll use the **Collect a new feature** panel on the right side of the screen.


2. Tap **Minor** to create a damage assessment for minor rain damage.

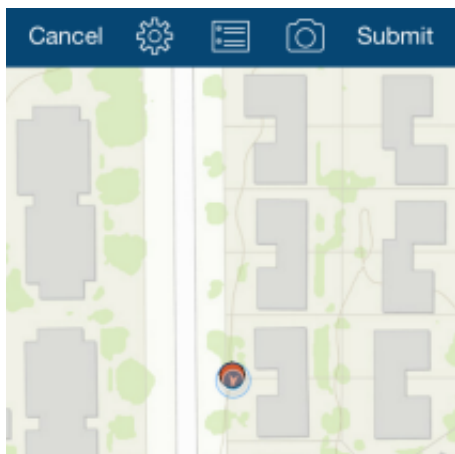


The **Attributes** display in an intelligent data entry form. The contents of this form match what was authored as the pop-up for the map.

Notice that the location of the damage has already been set based on your location. In the next step, you'll change that location by interacting with the map.



3. For this tutorial, assume that you can view the damage, but you're not at its location. Perhaps it's inaccessible due to other damage in the area. However, you still want the assessment report that you collect to be associated with the correct location. By default, Collector has used your location to set the collection location; you will now use the map to set a different location. Tap **Map**  to view the current location.

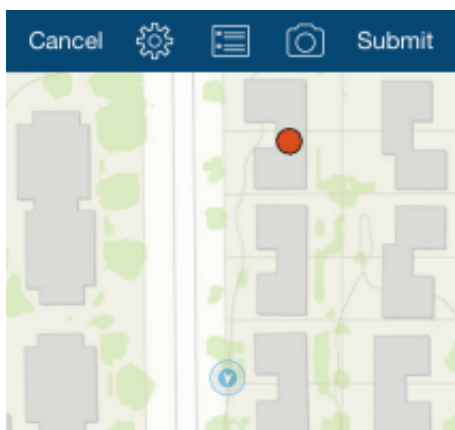


4. Tap elsewhere on the map—for example, on the first house at the north end of the street—to set a new location for the damage report.

The minor damage assessment moves to the tapped location.


Note:

To place the damage assessment more precisely, tap and hold to get a magnifier, and use that to place the assessment.



Provide damage information

With the location of the damage set, it's time to fill out the information requested in the form.

1. If you're still viewing the map, return to the **Attributes** list by tapping **Collect Attributes** .
2. Provide information about your contact for the report. First, tap the arrow to the right of the **Contact First Name** field.

Damage to Residential Buildin...

Contact First Name >

Contact Last Name >

The **Contact First Name** page displays, showing a text box.

Cancel Done

Contact First Name

0/50

Type Fred in the text box. Tap **Done**. You're returned to the **Attributes** list, and the **Contact First Name** field is populated.

Damage to Residential Buildin...

Contact First Name >

Fred

Contact Last Name >

- Repeat the previous step to provide a last name for the contact by specifying the **Contact Last Name** as Woods.

Fred

Contact Last Name >

Woods

Owner / Occupant >

- Provide information about the resident of the damaged building. First, tap the arrow to the right of the **Owner/Occupant** field.

Woods

Owner / Occupant >

Habitable

The valid values for that field—Owner, Occupant, and Owner/Occupant—display. The choices are based on the data, and the data-driven form improves data quality by assisting with information entry, making it impossible to enter an invalid value.

A screenshot of a mobile application's selection menu. At the top, there are two buttons: 'Cancel' on the left and 'Done' on the right, both in white text on a dark blue background. Below this is a header bar with the text 'Owner / Occupant' in a light gray background. The main area of the menu is white and contains three options, each separated by a thin horizontal line: 'Owner' with a blue checkmark to its right, 'Occupant', and 'Owner/Occupant'.

Tap **Owner** to select it. Tap **Done**. You're returned to the **Attributes** list, and the **Owner/Occupant** field is populated.

A screenshot of a list of form fields. The first field is labeled 'Owner / Occupant' and has a right-pointing arrow next to it. Below this field, the word 'Owner' is displayed, indicating it has been populated. Below 'Owner' is another field labeled 'Habitable', which also has a right-pointing arrow next to it.

5. Tap the arrow to the right of the **Habitable** field to edit its value.

The valid choices for that field—Yes and No—display.

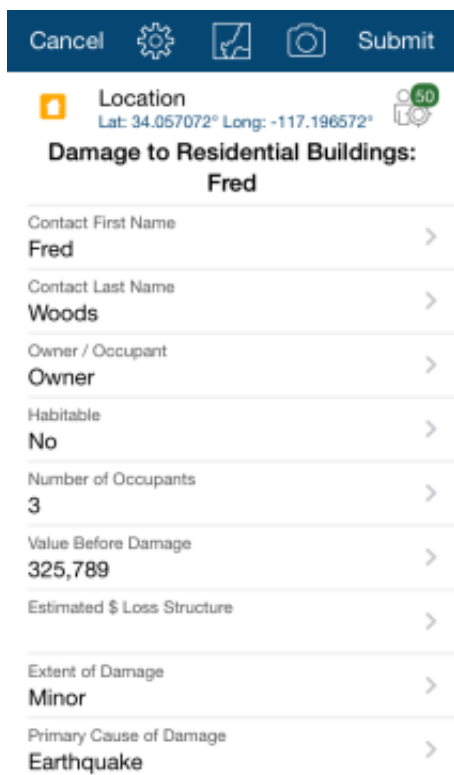
A screenshot of a mobile application's selection menu. At the top, there are two buttons: 'Cancel' on the left and 'Done' on the right, both in white text on a dark blue background. Below this is a header bar with the text 'Habitable' in a light gray background. The main area of the menu is white and contains two options, each separated by a thin horizontal line: 'Yes' with a blue checkmark to its right, and 'No'.

Tap **No** to select it. Tap **Done**. You're returned to the **Attributes** list, and the **Habitable** field is populated.

A screenshot of a list of form fields. The first field is labeled 'Owner' and has a right-pointing arrow next to it. Below this field, the word 'No' is displayed, indicating it has been populated. Below 'No' is another field labeled 'Number of Occupants', which also has a right-pointing arrow next to it.

6. Continue to populate the fields of the form by tapping the arrow to the right of the field and either selecting or providing the information for the field, then tapping **Done**.

Use the values as shown here or make up your own:



Cancel [Settings] [Map] [Camera] Submit

Location
Lat: 34.057072° Long: -117.196572° [Signal] [Battery 50]

Damage to Residential Buildings:
Fred

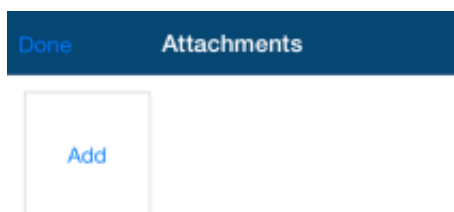
Contact First Name	Fred	>
Contact Last Name	Woods	>
Owner / Occupant	Owner	>
Habitable	No	>
Number of Occupants	3	>
Value Before Damage	325,789	>
Estimated \$ Loss Structure		>
Extent of Damage	Minor	>
Primary Cause of Damage	Earthquake	>

Add a photo

In the previous sections, you created a new damage assessment, set a location, and assessed the damage. Now you'll add a photo of the damage as additional information for your report.

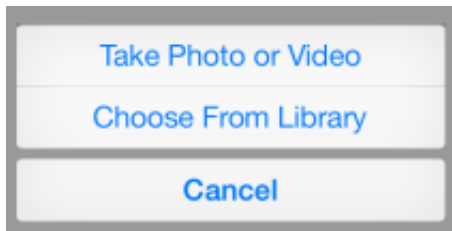
1. Tap **Attachments** .

The **Attachments** page opens.



2. Tap **Add**.

The choices for getting your attachment display.



3. Tap **Take Photo or Video** .

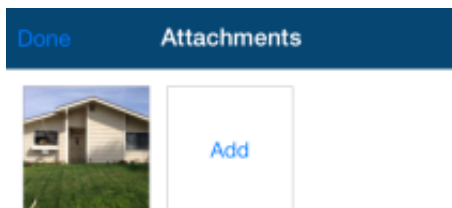
The camera opens on your phone.

4. Take a photo of the damage.



5. If you're happy with the photo, tap **Use Photo**; otherwise, tap **Retake** to take a new photo.

Once you accept a photo, you're returned to the **Attachments** page, which now shows your damage photo.



6. Tap **Done** to finish adding attachments.

You're returned to the **Attributes** list, and your photo is ready to be added to the damage assessment.

Save, share, and review the report

You have completed your report. Now save it, share it, and review it.

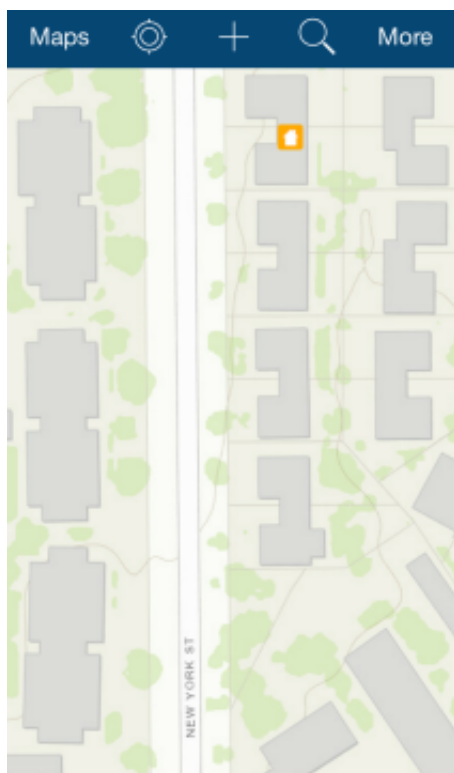
1. Save the assessment by tapping **Submit**.



Messages indicate the changes are being submitted and notify you of the success.

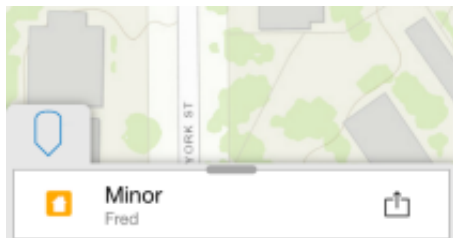


You're returned to the map, and you can see the report you created. Since your edits were saved back to the server that has all the damage assessment data, your report is now shared with everyone using the map.



2. Tap your assessment.

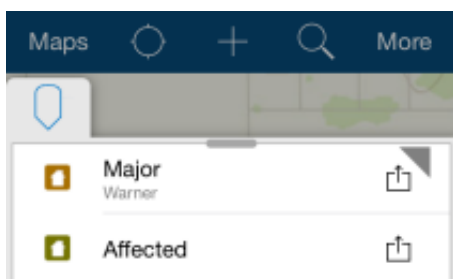
Information displays about the location you tapped, including an entry for your assessment. Swipe to the left or right on the result shown to view other assessments (if any) at the location you tapped.



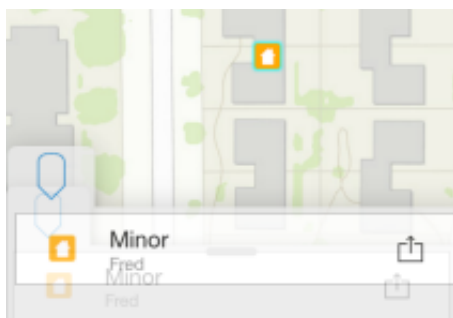
Note:


If you're working on an iPad, a panel on the right side of the screen will display the information about the location you tapped.

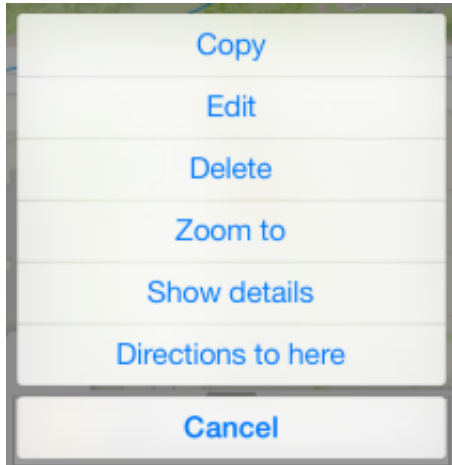
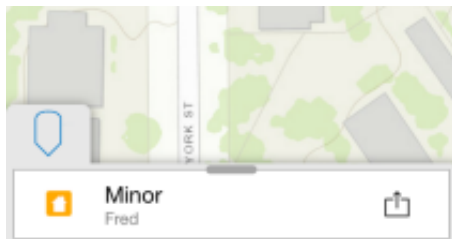
3. Pull the results to the top of the screen to view all the results as a list.



4. Drag the results tab back down to collapse it to a single result. Swipe back to your assessment. It's highlighted on the map when it appears in the results container.

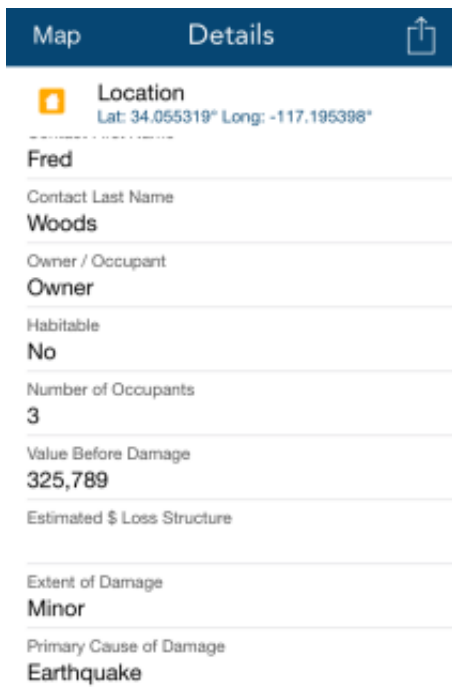


5. To see the actions you can take with the result, tap the arrow to the right of it .



6. Tap **Show details** to see the information about your assessment.

You'll see the values you provided.



7. Scroll down to view the rest of the details and see your photo at the bottom of the details.

Primary Cause of Damage
Earthquake



8. Tap the arrow to download the photo and see a thumbnail.

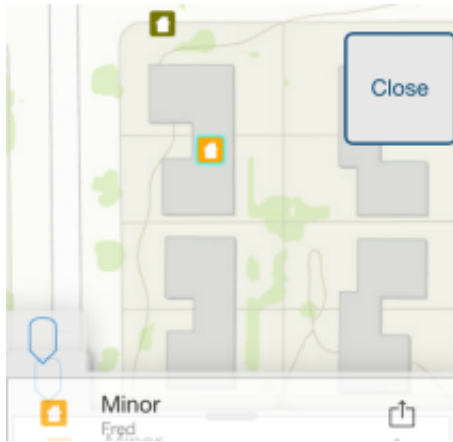
Primary Cause of Damage
Earthquake



9. Tap the photo to view it, and tap **Done** to close it.



10. The information is correct, so tap **Map** to dismiss the assessment details and return to the map.
11. Remove the list of results from the map by dragging the results tab to the right edge of the screen. As you drag, a **Close** box appears. Continue to drag the tab to the box to remove the results from the map.

**Note:**

You are only deleting the list of results that was found when you tapped the map. You are not deleting the damage assessments from the map.

You collected a new damage assessment and included a photo with your report. You are now familiar with Collector. You are ready to use the app to collect data for your organization.