



ArcGIS Field Maps Reference Sheet

For iPhone and iPad

Open the map example: AKSD Data Collector (U3) Mobile GIS Map

In the list of maps, tap the map. If using an offline map area, tap the map area.

Capture a new point or line

1. Tap **Add** + (on the map).
2. Choose the type of data to capture. The point (or its first point, if a line or area) is placed on the map at your location.
3. Update the data's location (if necessary) or add additional points for a line or area using [Asset location tools](#).
4. Fill out the form – tap an entry to select it and enter the information.
5. Tap **Take Photo** to take and add a photo or tap **Attach** if attaching an existing item. Long press an attachment to rename it, save it to your device, or remove it from the point.
6. Tap **Submit**.

View a form

1. Tap the data on the map or search for it to show its form. If multiple data are found, select the one you want from the list.
2. Swipe the panel up to view more of the form. This includes entries, attachments, and related reports and assets.
3. Scroll or tap **Overflow** *** at the bottom of the form to access all the available actions (edit, copy, delete, collect here, directions, compass, add to my places).

Inspect and update existing data

1. View the form to inspect. (Tap it or search for it.)
2. Tap **Edit** in the available actions. (If viewing the attachments, first tap **Details** to see the available actions.)
3. If editing attributes, update the form by tapping an entry to edit it.
4. If editing attachments, tap **Take Photo** to take and add a photo or tap **Attach**. If attaching an existing item. Long press an attachment to remove it. Once an attachment is downloaded, long press it to rename it or save to your device.
5. If editing location, update the asset's location on the map (use [Asset location tools](#)).
6. Tap **Submit**.

Delete

1. Delete is disabled for data in the mobile maps.
2. Mark for deletion by editing the delete attribute in the form.

Sign in

Sign in to NIFC Org:

1. Open the app.
2. Tap **Sign in with ArcGIS Online**.
3. Enter your credentials:
Username: ex: username_nifc
Password:
4. Tap **Sign In**.
5. Enter multifactor authentication.

Quick reference – Map tools

1. Go back to the list of maps
2. Sync
3. Layers (visibility, errors, tracking)
4. Search (address, place, coordinate)
5. Overflow—Change the **Basemap**, go to **Bookmarks**, **Edit Multiple** features, view the **Legend**, create **Markup**, **Measure** on the map, or **Share Map**.

Tip: Tap on the map to create shapes to measure or use your location.

6. See GPS info. Tap for details.
7. Go to your GPS location. Tap again to change map orientation.
8. Add a new asset.

Quick reference – Asset location tools

While creating or editing a feature you can edit its location. You'll see a location target. The target is blue when at your location and the GPS meets required accuracy. When red, the GPS doesn't meet required accuracy. A gray target is positioned manually (by moving the map).




- Tap **Add Point** to add a point under the location target. By default, the location target is over your location and moves with you. Move the map to position it manually. Use the GPS button to center it over your location. (With GPS averaging, an average is calculated with each point added with GPS.)

- Use streaming to add multiple points to a length or area automatically while you walk or drive: Tap **Overflow** ^{***} and tap **Start Streaming**. To change the frequency of what points are added, update **Streaming Interval** in **Overflow** ^{***}. **Stop Streaming** to collect locations manually.
- Tap **Update Point (Update Selected Point)**, in **Overflow** ^{***} for lengths and areas) to move the selected point.
- Use **Overflow** ^{***} to undo and redo changes.

Sync (working offline)

You should sync when you have good connectivity. It's recommended that you sync whenever you can, and that you enable auto-sync.

1. Tap **Sync**  to open the Sync panel. (If there is no dot in the icon, you have no edits to sync.)
2. Review the edits you made (if any) and tap **Sync**.
3. Wait for it to complete.

Troubleshooting

1. I can't sign in
 - Need to be connected for initial sign in.
 - Check for typos in username and password. Password is case sensitive.
2. Can't add data
 - Make sure it has a location (check the map).
 - Make sure you have permissions to edit the data (ask GISS).
3. Can't get GPS fix (no location available)

- Go to an open area (away from trees, buildings, etc.) until get a location, then go back to point of interest.
 - Make sure Field Maps can use your location (in your device's settings).
4. Get poor location accuracy message and can't collect a feature.
 - Wait and see if accuracy improves.
 - Override the required accuracy by tapping **Add Point**.
 - Manually place the point with location target.
 5. Sync failed
 - Make sure you have good connectivity.
 - Make sure you aren't in airplane mode.
 - Specify a smaller photo upload size in **Profile**, delete images, and retake them.
 6. Sync takes forever
 - Specify a smaller preferred attachment size in **Profile**, delete images, and retake them.
 - Sync more frequently.
 7. Enable logging
 - See and share information about download and sync issues by enabling logging.
 - Go to **Profile**, choose **Troubleshooting**, and enable **Logging**.

Lessons Learned

1. Keep username and password information available.
2. Keep multifactor authentication available when logging on.
3. Work offline to save battery life and data use.
4. Working offline in airplane mode will prevent being logged out while in the field.

5. Fill out information as completely as possible.
6. Download map and sync every morning before going to the field. Even if you didn't collect data.
7. Sync when returning to camp. Even if you didn't collect data.
8. Include Name, Position and who approved the data collected.

NOTES: