MAPNITUDE CO., LTD.

Coordinates for iOS

User Guide

13 May 2023

PDF Document Version 1.0.5
App Version 7.6.12

Table of Contents

1. About

Welcome to the **Coordinates** for iOS user guide!

Thank you for choosing **Coordinates**.

This app is a tool for converting coordinates between various formats, as well as for drawing lines and shapes on a map. It is designed to be easy to use and suitable for a variety of applications.

With the **Coordinates** app, you can easily convert coordinates between different systems, such as latitude and longitude, UTM, and MGRS. You can also draw lines and shapes on a map to visualize and analyze your data.

Whether you are a professional surveyor, GIS specialist, or just need to work with coordinates in your everyday life, the Coordinates app is a valuable resource.

We hope that this documentation will help you get the most out of the app and achieve your mapping and data analysis goals.

2. Disclaimer

- Please note that the screenshots in this documentation are taken from the iPhone version of the app. The iPad version of the app has the same features, but the screens may appear differently due to the larger screen size.

- Please note that while the app is available in many languages, the instructions provided in the documentation are currently only available in English. The names of buttons and the text that appears in the localized versions of the app may differ from the English version, but the intended features and functionality of the app should remain the same as described in the provided instructions.

- This app is intended to be a companion tool for use on the go, but it may not always be accurate. We have tried to make it as accurate as possible, but there may be some inaccuracies due to factors such as GPS signal quality, bugs, etc. Please double check with professional equipment if necessary. We are not responsible for any damages or loss of life resulting from the use of this app in dangerous environments.

- If you cannot afford to lose data, please make frequent backups to protect against unforeseeable data loss.

3. Download Link

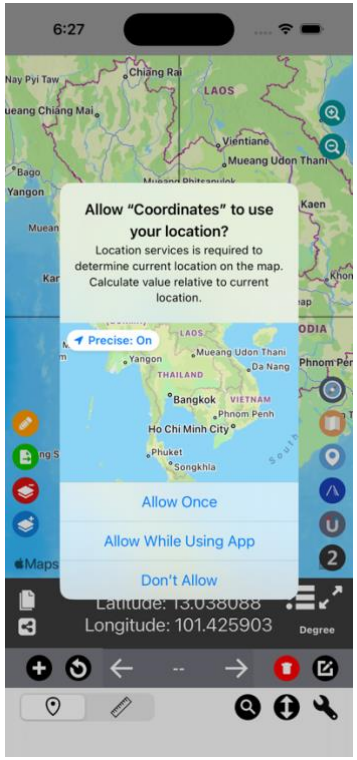
iOS Version (iPhone / iPad)
https://apps.apple.com/us/app/coordinates-gps-formatter/id494286614

Android Version
https://play.google.com/store/apps/details?id=com.myice92.coordinates&hl=en&gl=US

Note: This instruction applied to iOS Version Only.

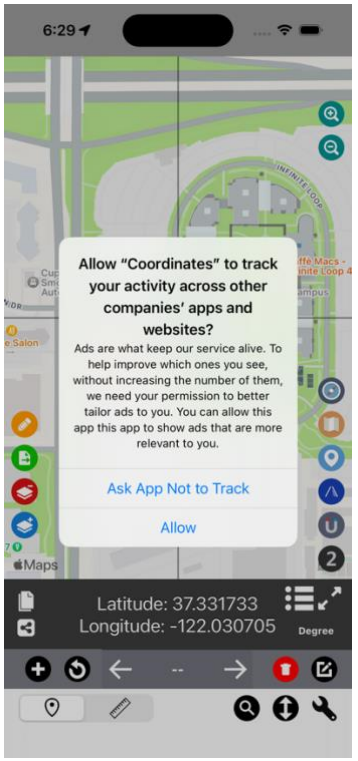
4. Launching the app for the first time

You will see these popups right after you launch the app. Please make sure you choose the right one to suit your need for the app to works correctly.



Notification Request Popup

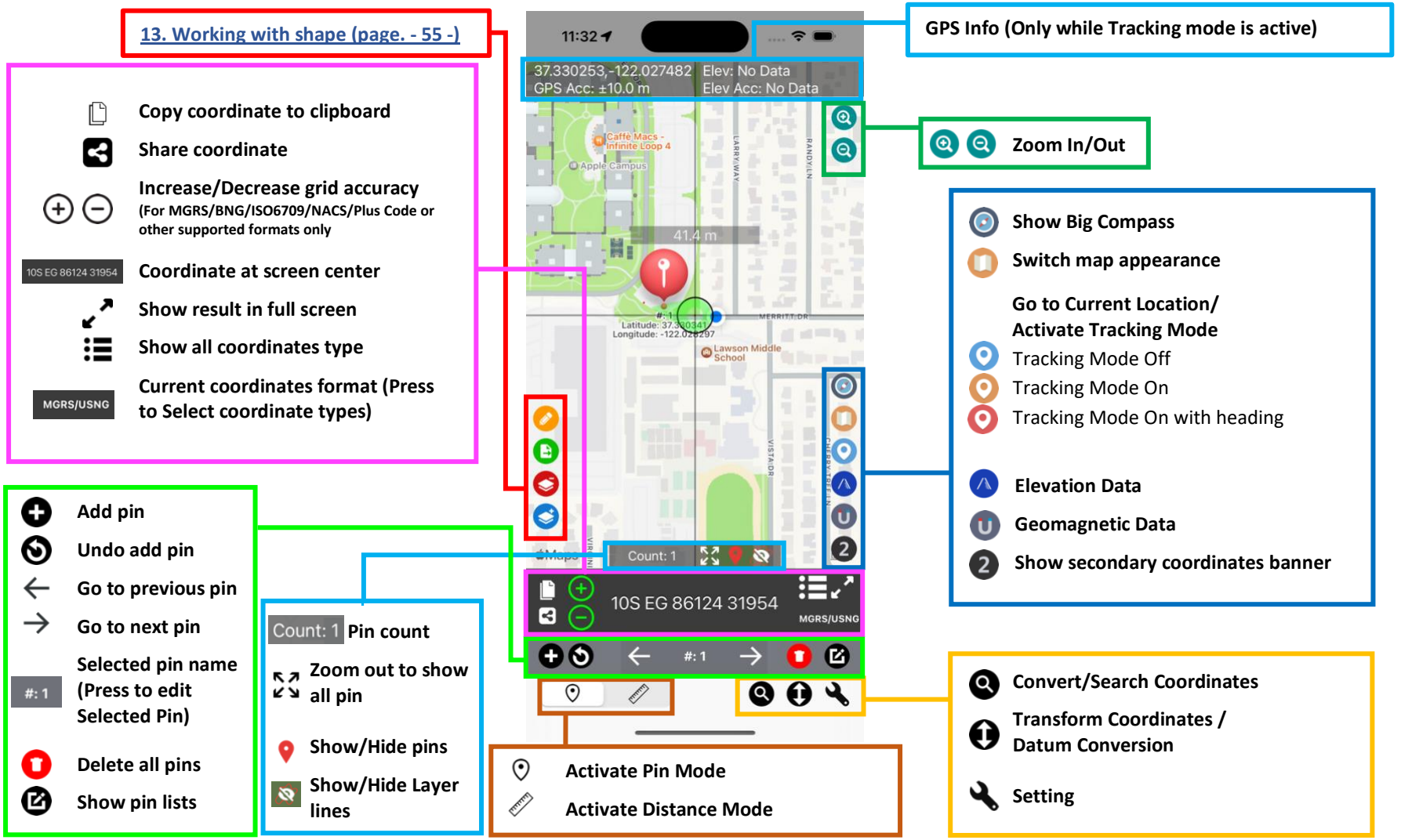
Location Permission Request Popup



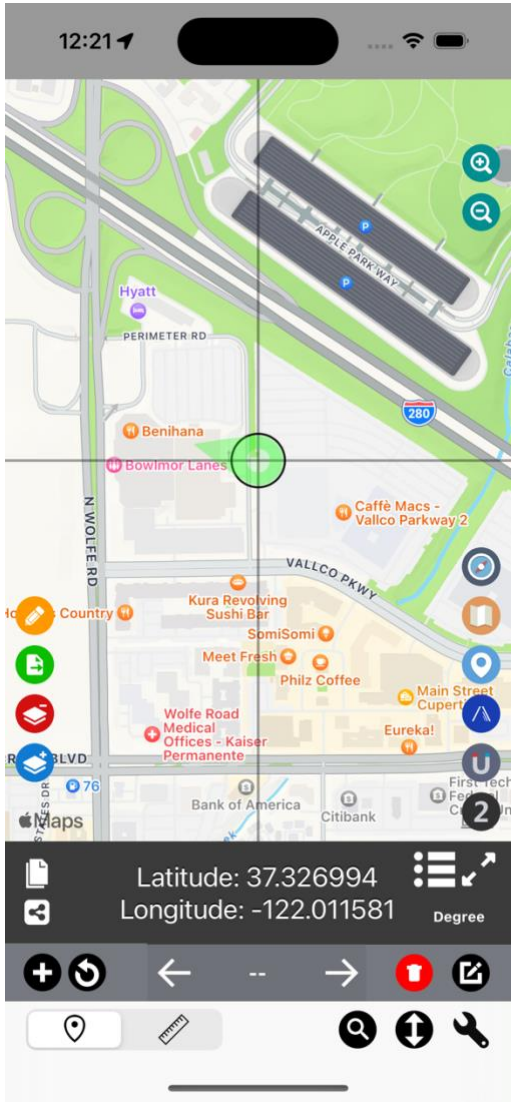
Ad Consent Popup

5. Map Screen (Main Screen)

You may press on the link provided to skip to more detail explanations of each button/feature.

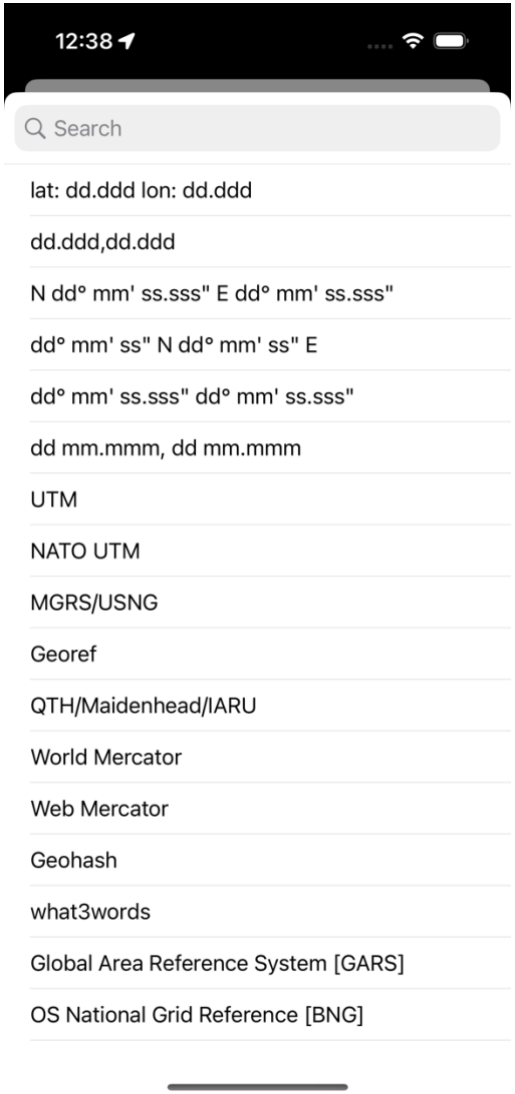


6. Basic usage 1 – Display and save coordinates

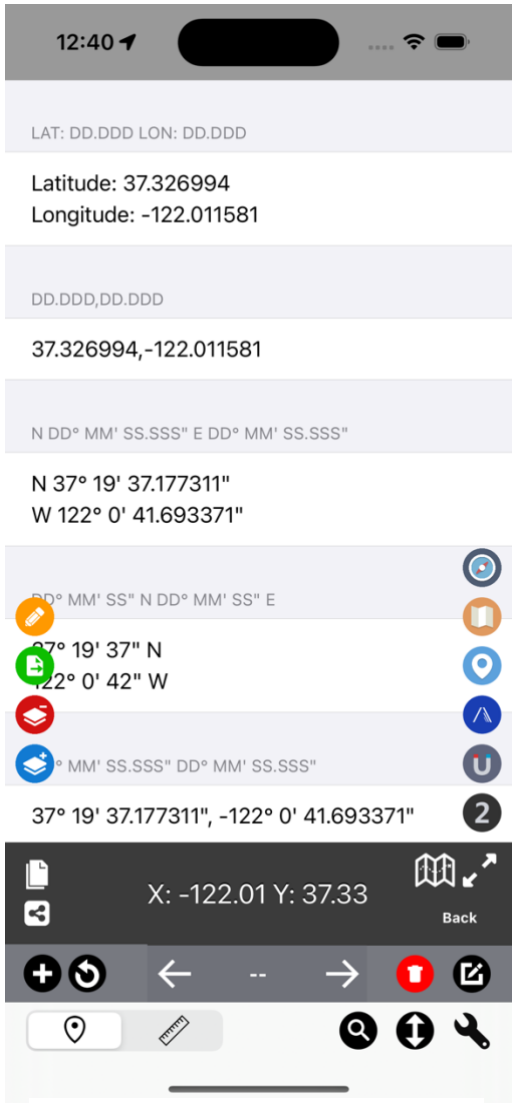


6.1. Navigate

Just find your location in the center of the screen (where the grey-line intersects), and result will appear instantly



"**Format**" button pressed



"List" button (☰) Pressed

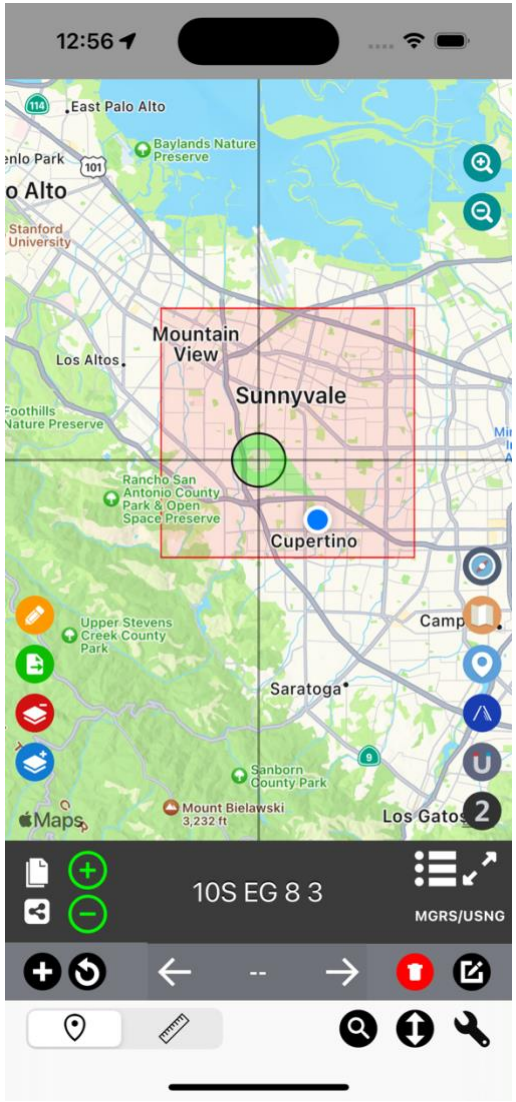
6.2. Change Format

Press **"Format" (In the screenshot "Degree")** button to open coordinates type selection menu. Then press on desired format, or type in search bar for desired format.

Alternatively, press **"List"** button (☰) to see list of converted formats.

Please refer to 17. List of supported coordinates for full list of supported coordinates.

Note: For "ECEF" format, please turn on magnet geomagnetic menu to see or adjust altitude value.



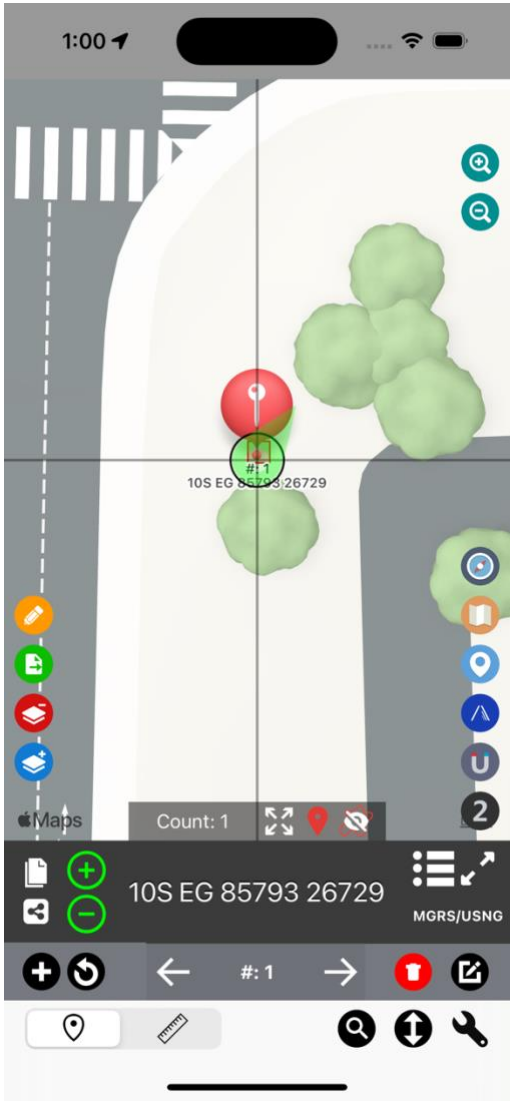
6.3.Adjust format accuracy level

If coordinates type selected support accuracy adjustment (⊕) and (⊖) button will appear on the screen

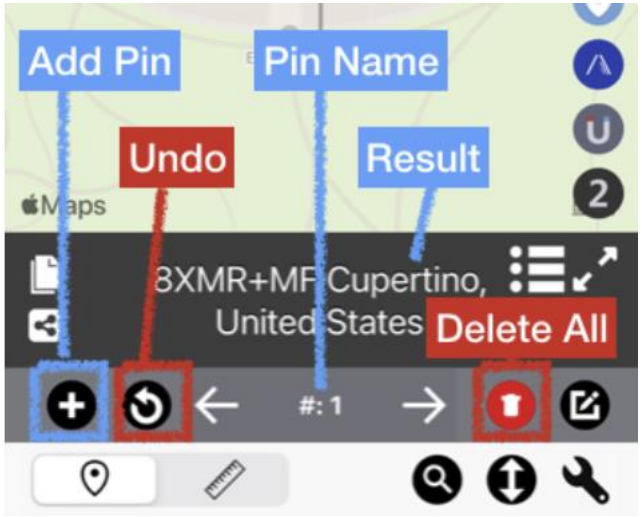
Press (⊕) or (⊖) button to adjust format accuracy.

Map will also show red grid rectangle for any supported format.

Note: Only applicable to MGRS/UTM/QTH/Geohash/NAC/etc.



6.4. Pin



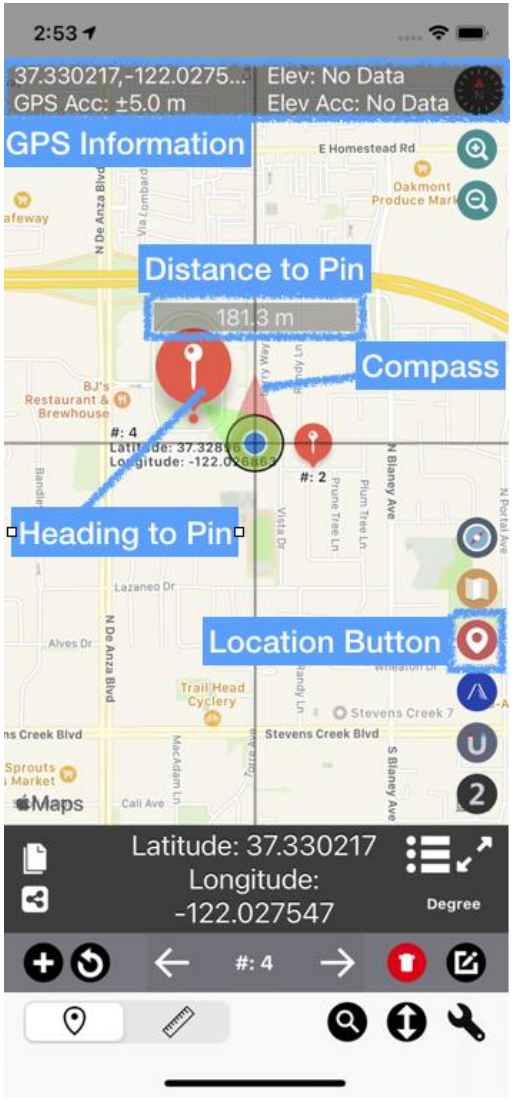
Press “Add Pin” (⊕) button to save (pin) a coordinate

Press “Undo”(↺) button to delete last pin.

Press “Pin Name” Button (#: 1) to rename and/or update pin

Press “Delete All” (🗑) button to delete all pins.

Note: You can change how pin shapes in “Setting” (🔧) menu



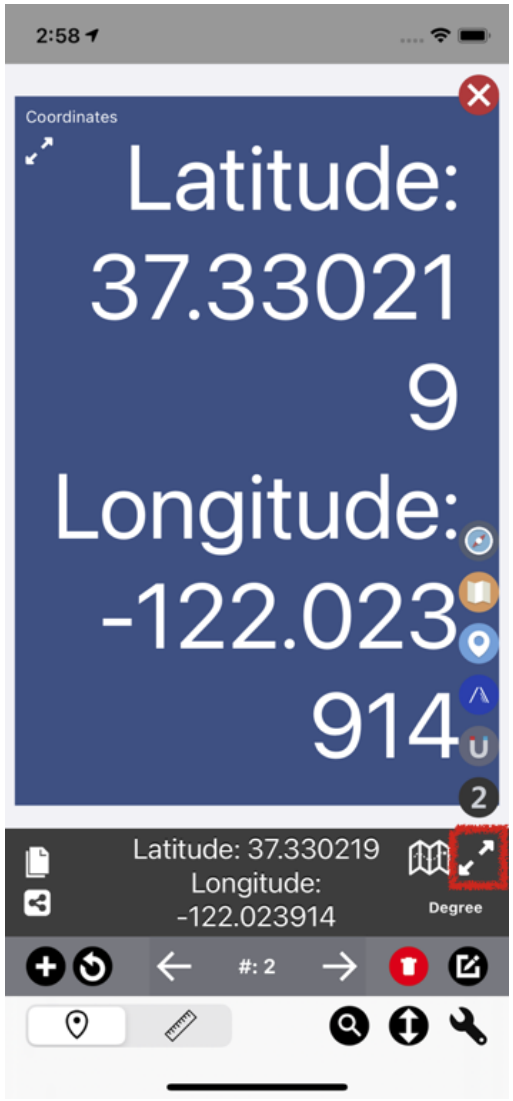
6.5.Go to current location / Tracking Mode

Press **"Location"** ( ) button one to move the map to current location, press it twice or more to switch between tracking modes. GPS information will be shown on the screen.

Go to Current Location/
Activate Tracking Mode
Tracking Mode Off
Tracking Mode On
Tracking Mode On with heading

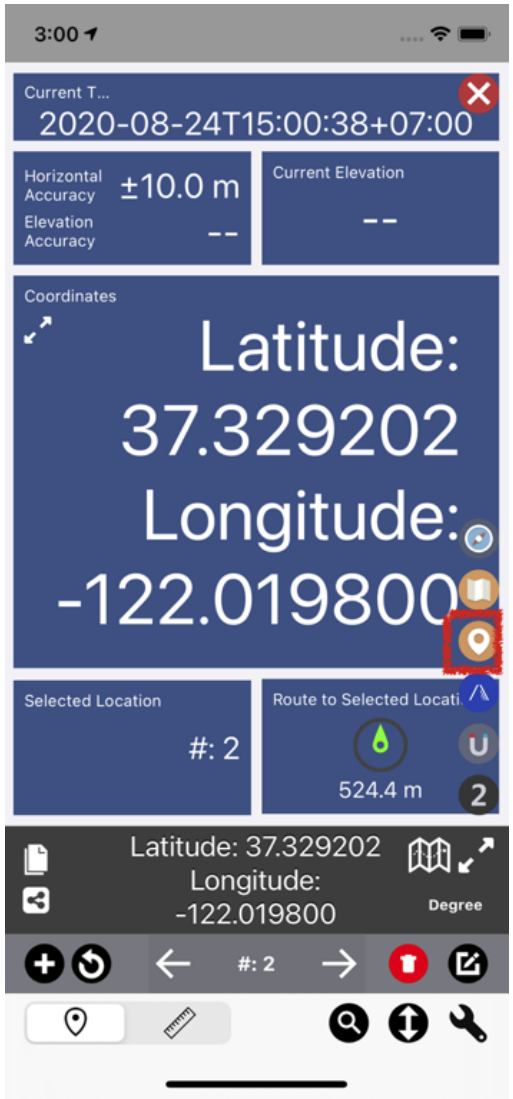
Note: what3words, Plus Code (With City name), and Street Address are not available while tracking mode is active

If you find distance label or compass missing. You may turn it on within “Setting” **( )** menu.



6.6. Large mode

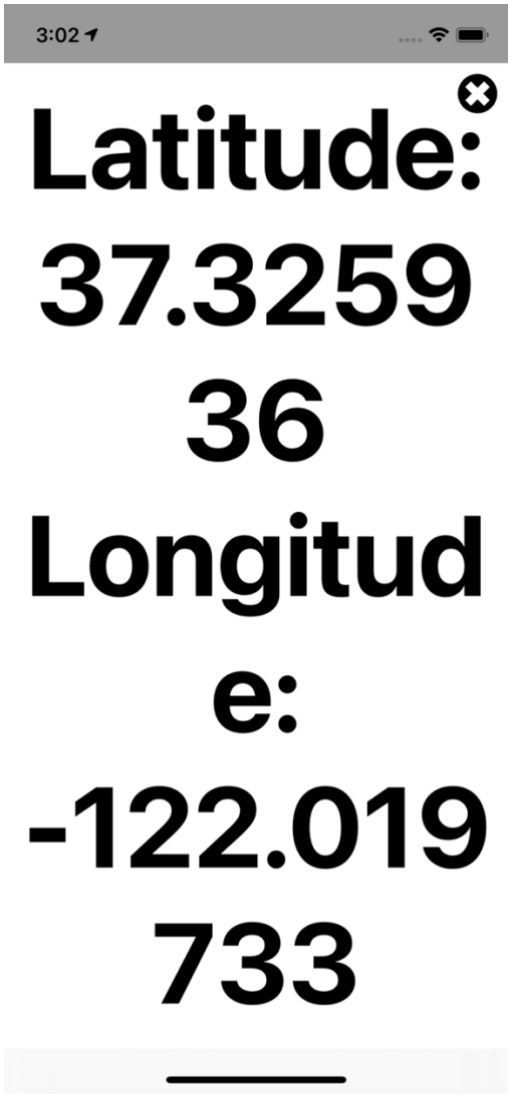
Press “Zoom” (↙↗) Button to see coordinates in larger screen



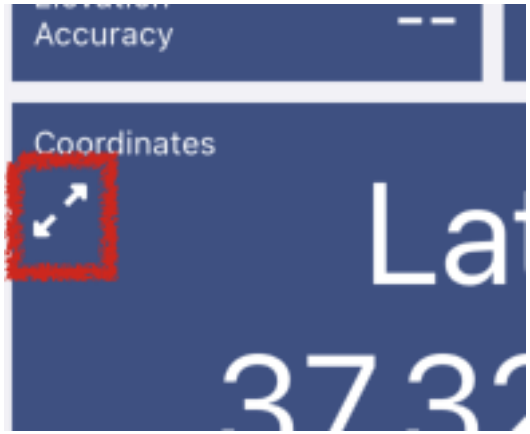
6.6.1. Large mode with tracking

Press “Locate” ( ) button while on large mode to change tracking mode. More information will be visible.

- Current Time
- GPS accuracy
- Elevation and its accuracy
- Coordinates
- Previously Selected Pin
- Distance to selected Pin with compass

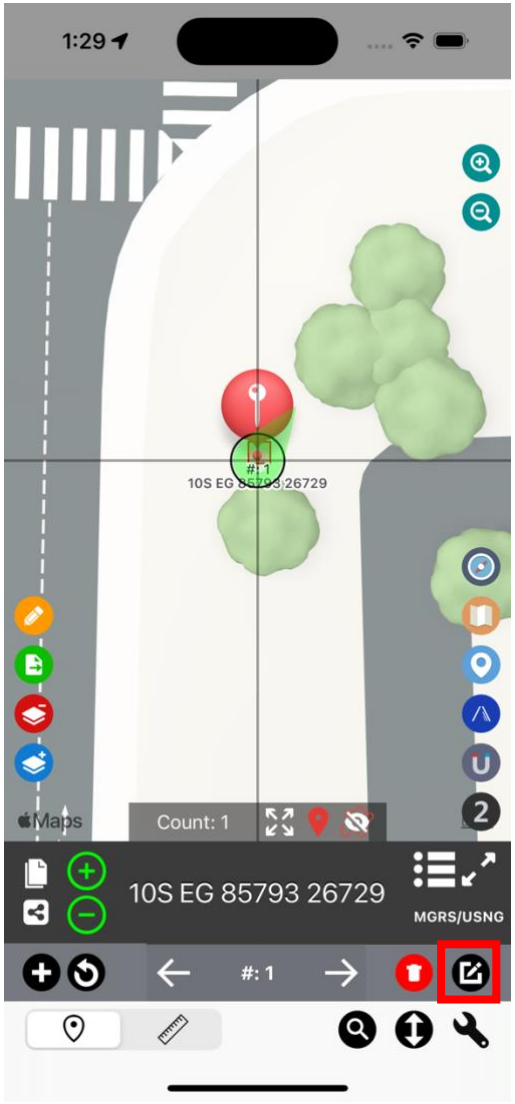


6.6.2. Large mode full screen



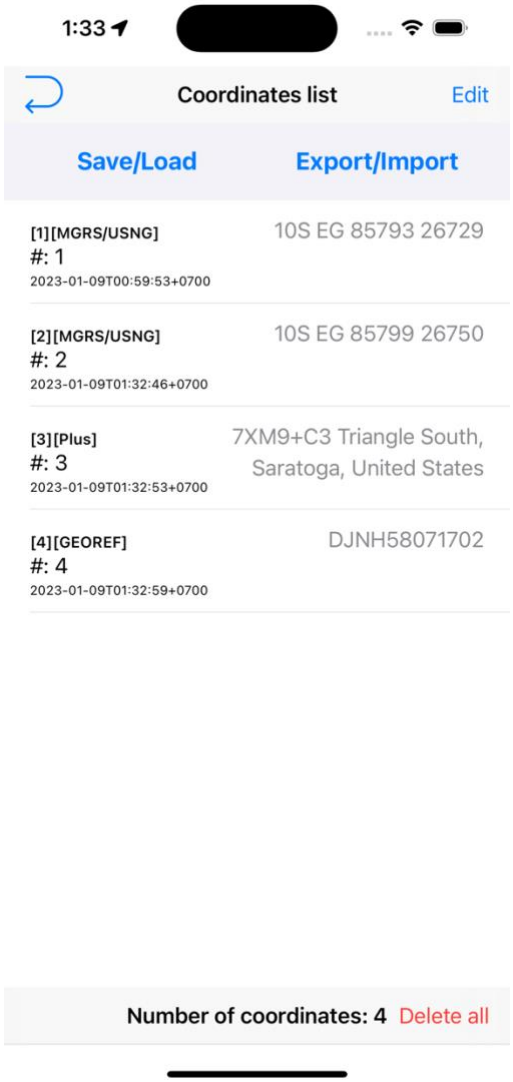
Press “Zoom” (↙↗) button right below coordinates title to display even larger result

7. Basic usage 2 – Manage coordinates list



7.1. Access

Press “Show pin list” ( ) button to access pin list menu.



7.2. Manage coordinates pins

In this page you can manage your pinned coordinates, number of coordinates point is shown at the bottom of the screen.

Pinned coordinates are shown in the table. Each row is for one point.
They are shown under this format:

[Pin number][Coordinates format type]	
PinName	Converted Coordinates
CreationTime	

Pressing on desired row will show "**View/Edit Point**" popup menu.

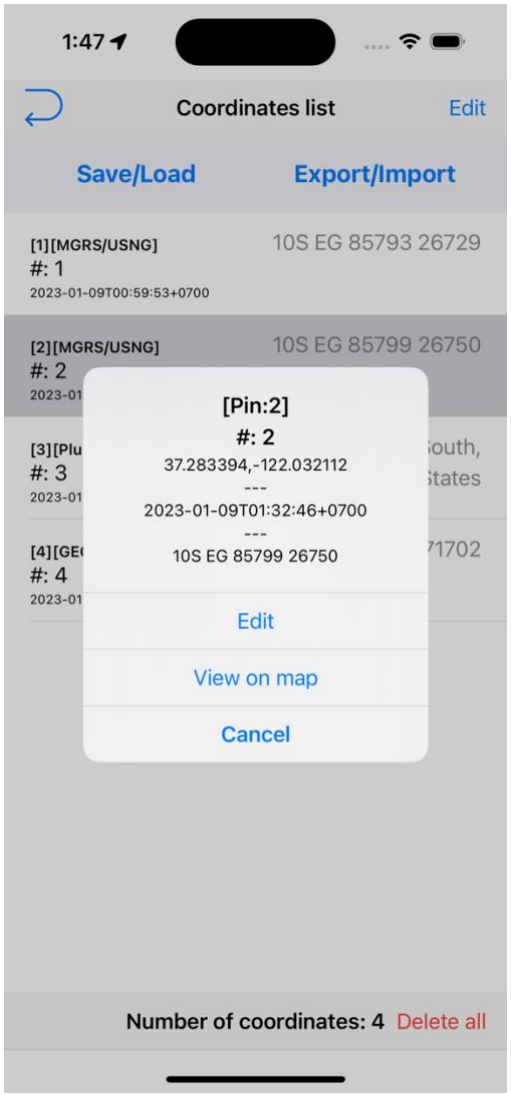
Press "**Back**" (⮌) button to go back to previous page

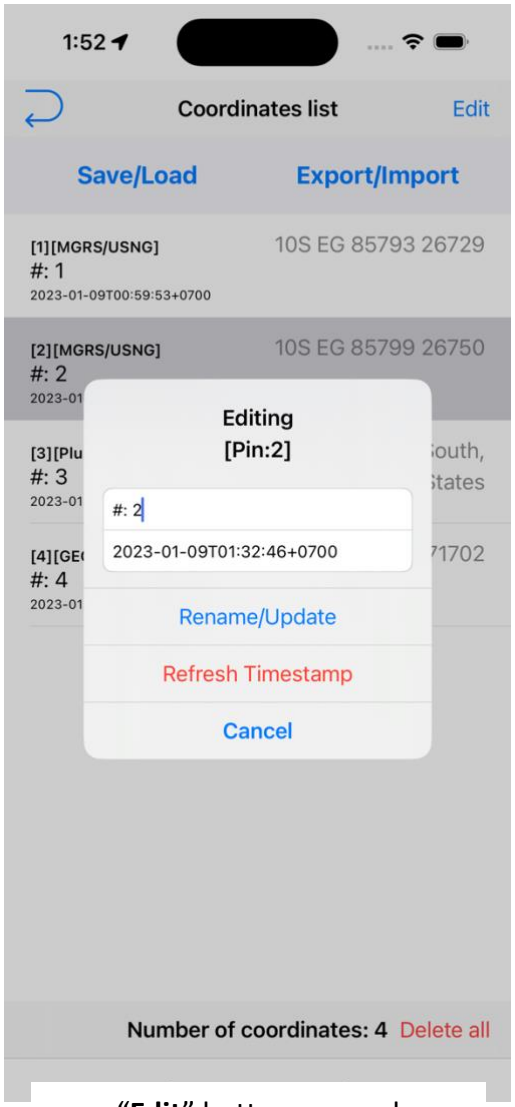
Press "**Edit**" button to remove or change pin order.

Press "**Save/Load**" button to access save/load menu.

Press "**Export/Import**" button to access export/import menu.

Press "**Delete All**" button to delete all pins.





"**Edit**" button pressed

7.2.1. View/Edit Point

After you selected one of the row. Tap again to access this popup.

Result is shown under this format

Pin: PinNumber
Pinname
Coordinates in WGS84 format

CreationTime

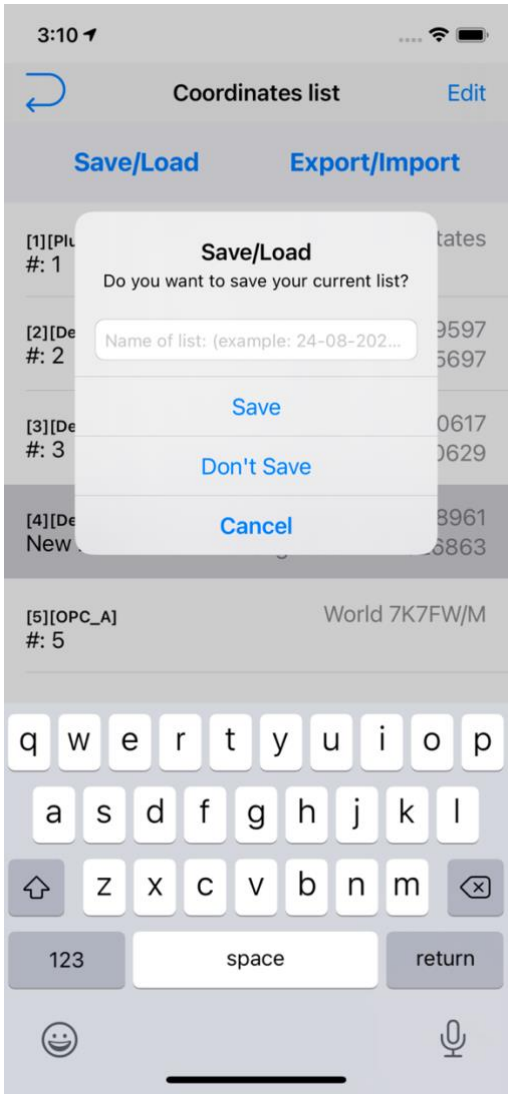
Converted Coordinates

To edit selected point by pressing "**Edit**" button.

From here you can rename and change timestamp. Then press "**Rename/Update**" button to save any changes

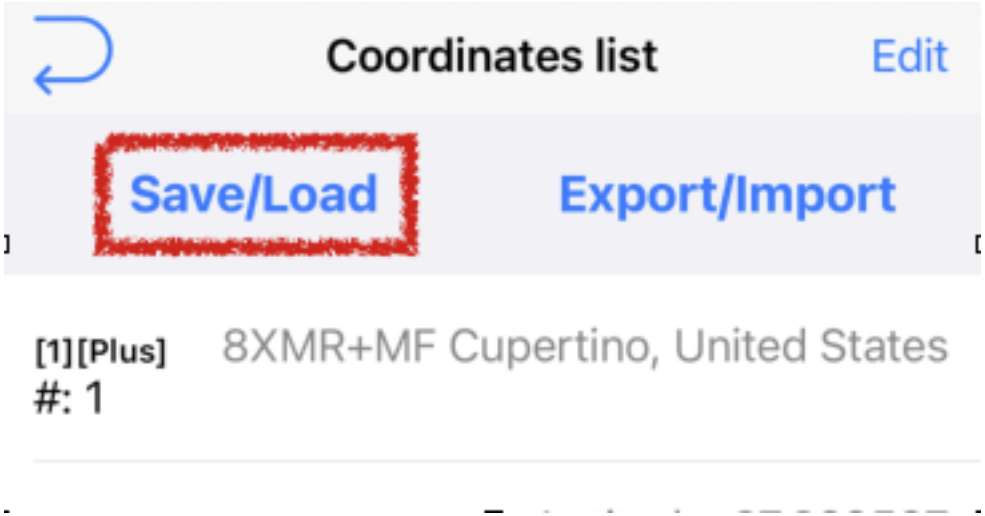
If required press "**Refresh Timestamp**" to set selected pin creation time as current time.

Press **"View on Map"** open the map with selected coordinates



7.2.2. Save/Load menu

Press “Save/Load” Button begin save/load process

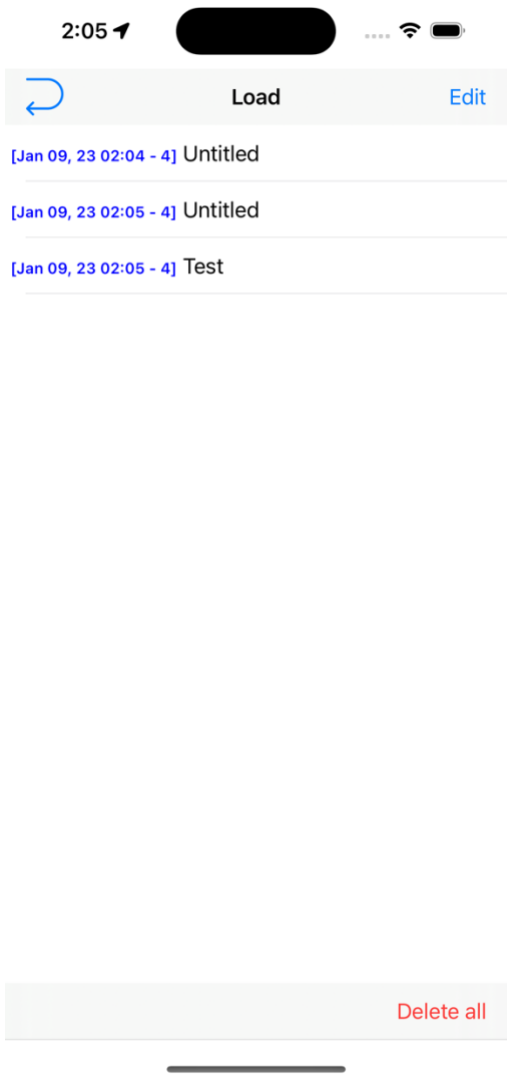


If coordinates list is not empty. Saving process will begin, you will be prompted to set list name.

Press **“Save”** to Save and go to load menu

Press **“Don’t Save”** to ignore current coordinates list and go to load menu

If coordinates list is empty, you will be redirected to load screen right away.



7.2.3. Load

Each saved list are shown under this format:

[Date – Pin Count] ListName

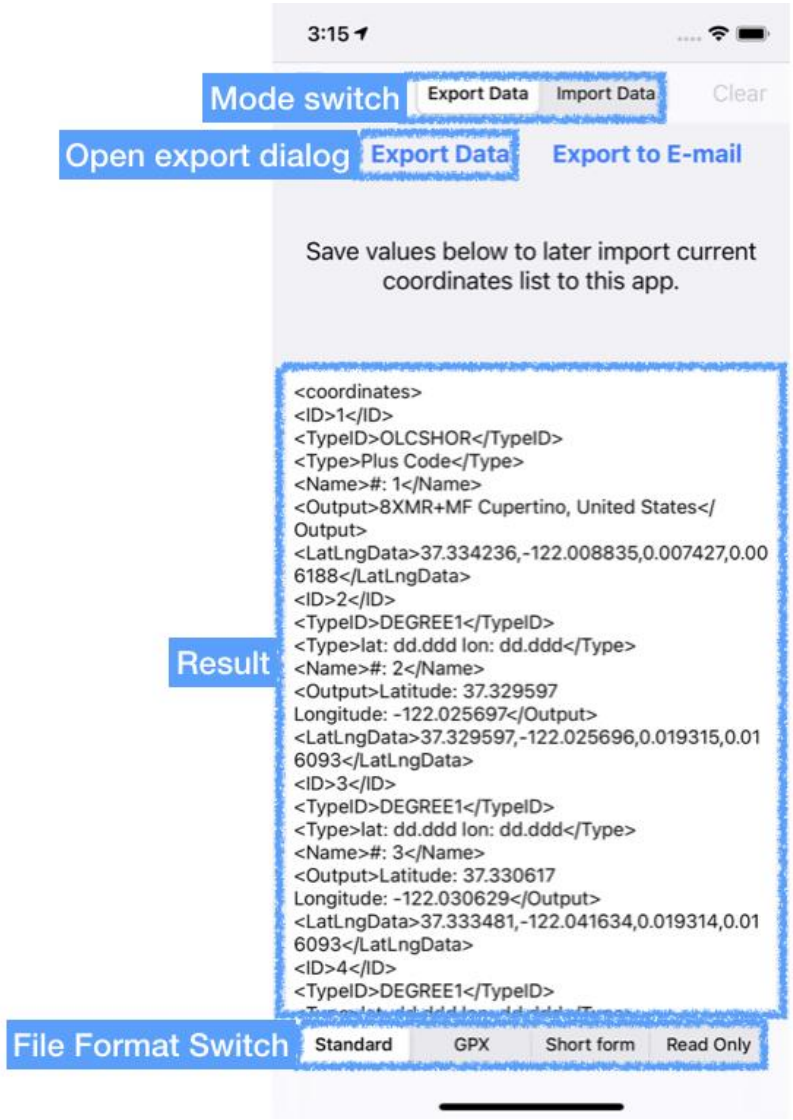
Select desired row to load saved list

Note: It would replace any coordinates you have on the previous screen if you previously chose not to save.

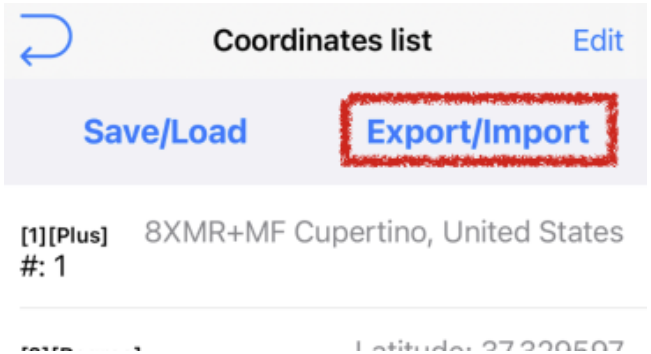
Press “**Edit**” to delete/rearrange saved list

Press “**Delete all**” to delete all saved list

8. Basic Usage 3 -- Import/Export Coordinates Points



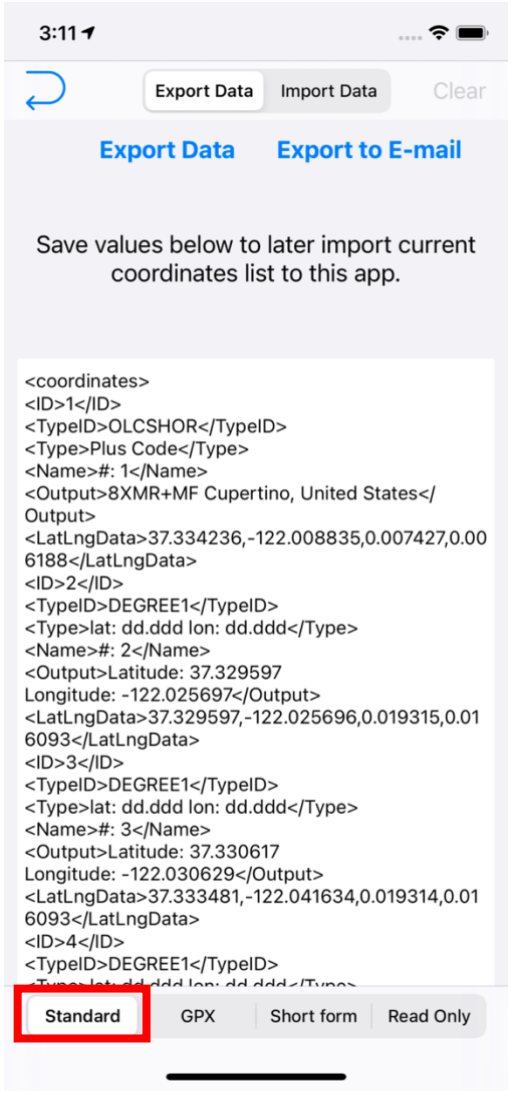
Enter this menu by pressing “Export/Import” button



Each section is explained as shown. In this case, export mode is selected.

Note: If coordinates points are empty. Import mode will be selected as default. Export mode will not be accessible.

If coordinates points are not empty. Export mode will be selected as default. You must select import mode manually.



8.1. Export

To begin export process, press File Format Switch to select format

8.1.1. Export Formats

8.1.1.1. Standard format

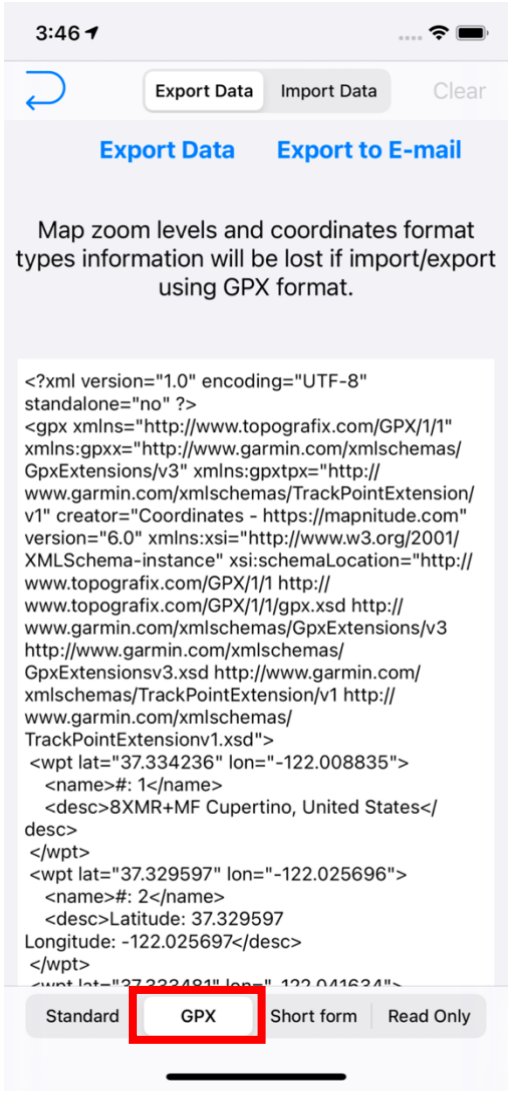
This file format contain most information for "**Coordinates**" app. Which is also cross-platform compatible with Android Version. This is recommended way to backup your data.

EXAMPLE:

<coordinates>
<ID>1</ID>
<TypeID>OLCSHOR</TypeID>
<Type>Plus Code</Type>
<Name>#: 1</Name>
<Output>8XMR+MF Cupertino, United States</Output> <LatLngData>37.334236,-122.008835,0.007427,0.006188</LatLngData>
….
</coordinates>

DEFINITIONS OF TAGS

- **<coordinates>** File beginning/ending tag
- **<ID>** ID number in full number. Beginning with 1
- **<TypeID>** Coordinates type in 7 letters code. Please refer to 17. List of supported coordinates (Page - 104 -).
- **<Type>** Type name in plain text (Can be left empty)
- **<Name>** Coordinates point name
- **<Output>** Coordinates result
- **<LatLngData>** Coordinates point position in this format (Latitude, Longitude, Latitude Span, Longitude Span)

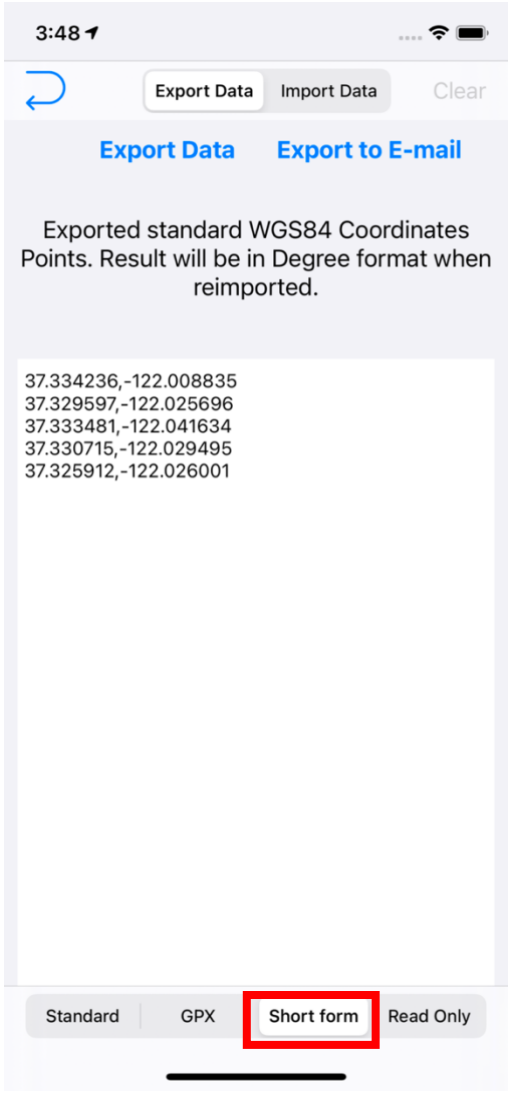


8.1.1.2. GPX format

This format is widely used in many GPS application.

However, it is not possible to reimport **Format types** and **Zoom Level** information back to the app.

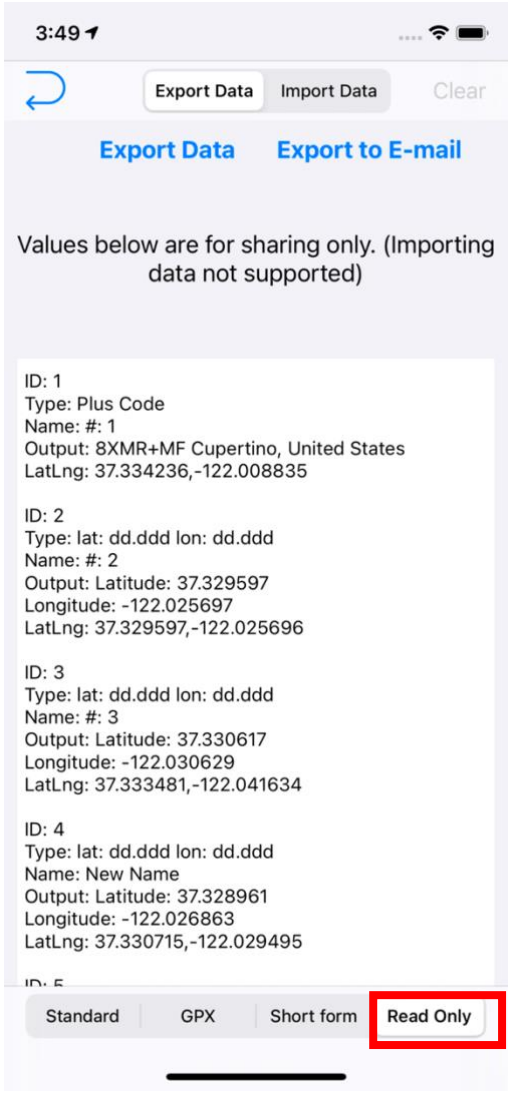
Read more about GPX format here:
https://wiki.openstreetmap.org/wiki/GPX



8.1.1.3. Short format

Output plain Latitude Longitude list with no other information

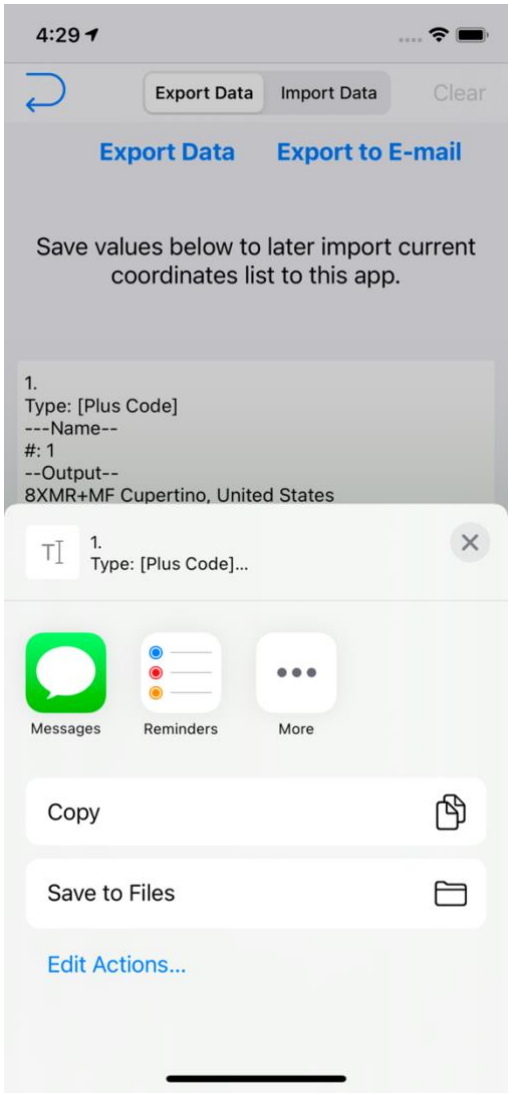
Latitude,Longitude



8.1.1.4. Read-Only format

Easier to read format. However, it's not possible to re-import data in this format

ID: PinNumber
Type: CoordinatesType
Output: ConvertedCoordinates
LatLng: Latitude,Longitude



8.1.2. Export Dialog

Open export dialog by pressing **Export Data** button.

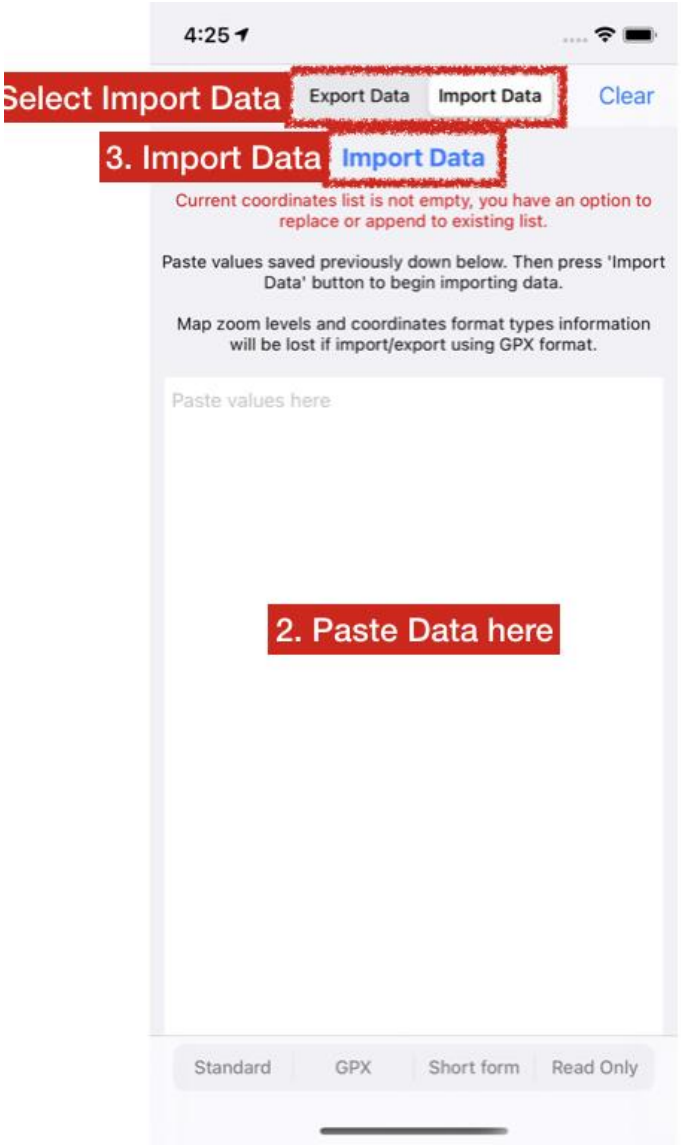
Selected Action as desired

For example:

Select **AirDrop** to send data to other device

Select **Copy** to copy data as plain text for later use

Select **Save to Files** to save as .txt file. So you could open it later with **Files** app



8.2.Import

To access this menu you may refer to Basic Usage 3 -- Import/Export Coordinates Points

8.2.1. Import data (Copy-Paste Method)

To import data,

1. **Select Import data mode.**

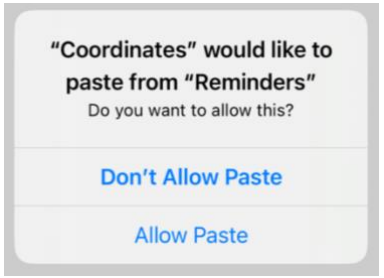
2. **Paste data in the textbox.**

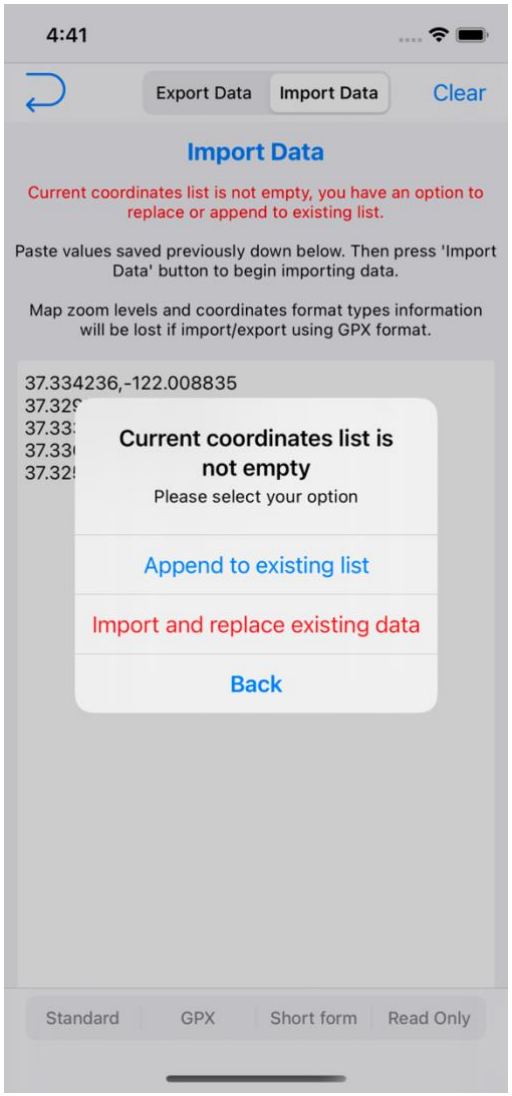
Supported formats: (Please Refer to 8.1.1 Export Formats (Page - 25 -)

- **Standard format**
- **GPX Format**
- **Short format**

3. **Press Import Data**

Note: Due to iOS permission requirement, you will need to select “Allow Paste” if this popup ever appear.





4. **If you coordinates point is not empty you have an option to choose between two options:**
    - **Append coordinates points to existing list**

      For example:
      Original list,
      10,10
      20,20

      Import list
      5,5,

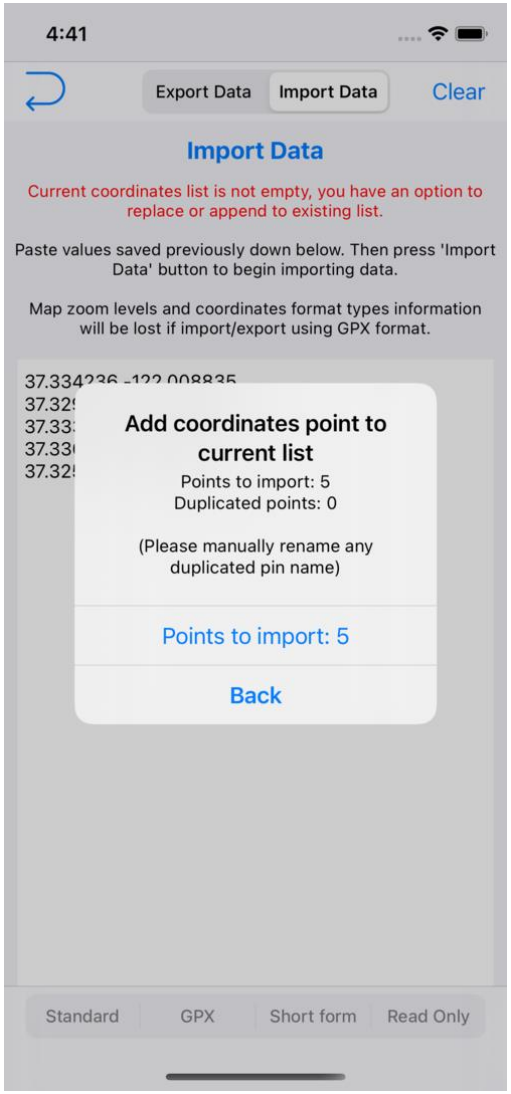
      Result:
      10,10
      20,20
      5,5

    - **Replace existing coordinates with imported coordinates**

      For example:
      Original list,
      10,10
      20,20

      Import list
      5,5

      Result:
      5,5



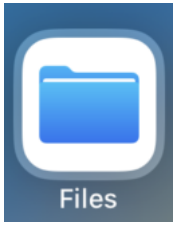
5. Another prompt to confirm before change is made.

Number of points are shown to confirm if they are imported correctly.

8.3. Import Data from file

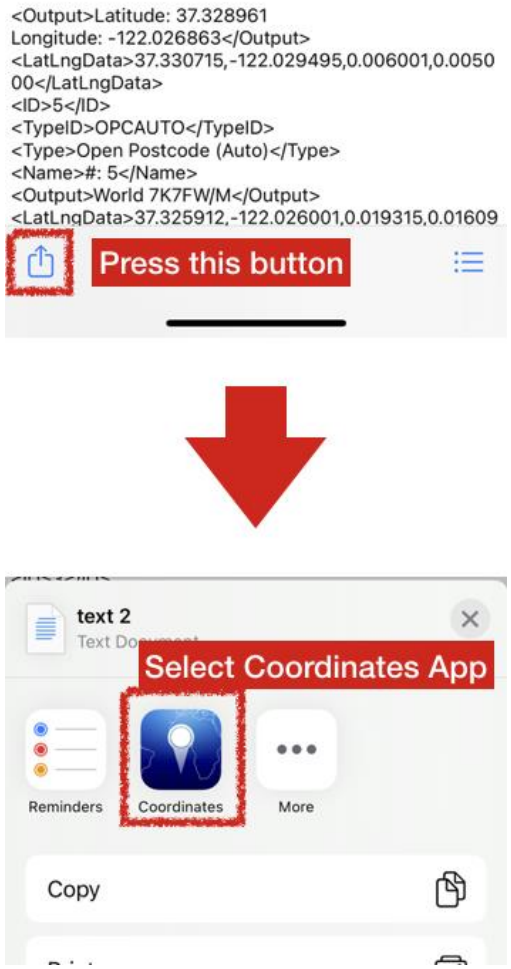
You may import .txt or .gpx file directly to Coordinates app.

For example: From Email attachment, AirDrop or file management apps.



In this example we will open "Files" app and open .txt file.

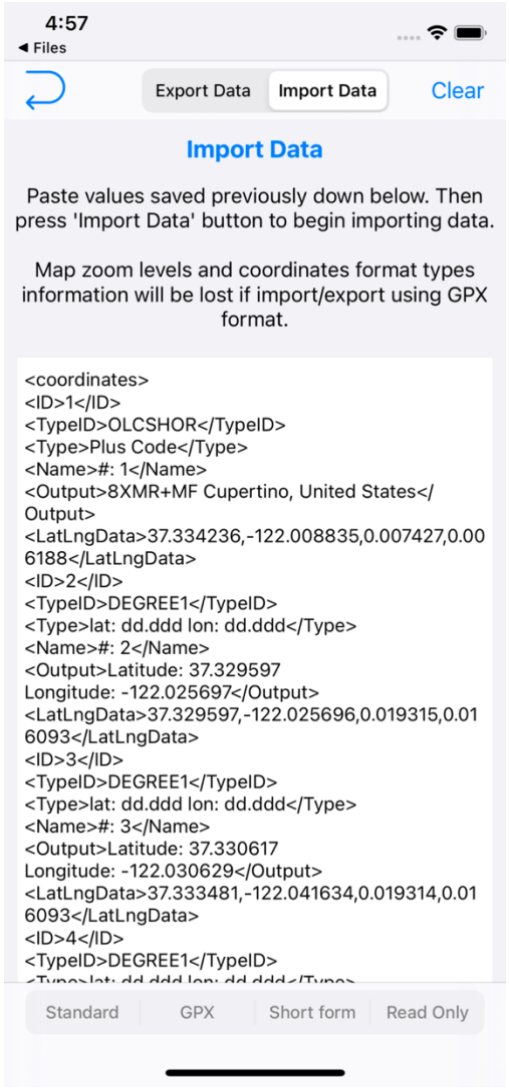
Note: .txt file must be formatted under "**Standard format**" as in 8.1.1.1 Standard Format page - 25 -



8.3.1. Import Data from file - 2

Once you open the file. It may show result in plain text. If so, press export button as shown.

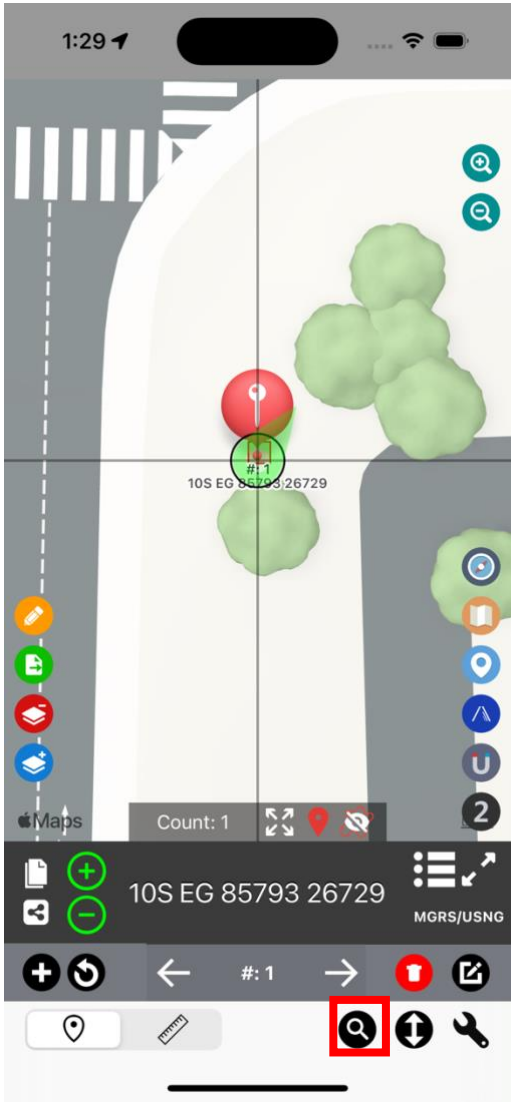
Then select **Coordinates App**



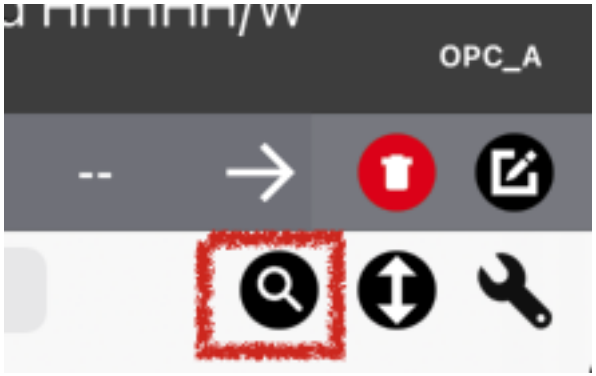
8.3.2. Import Data from file - 3

Data will be ready to import. Please follow section 8.2.1 page - 30 - from **3. to 5**. for the rest of process.

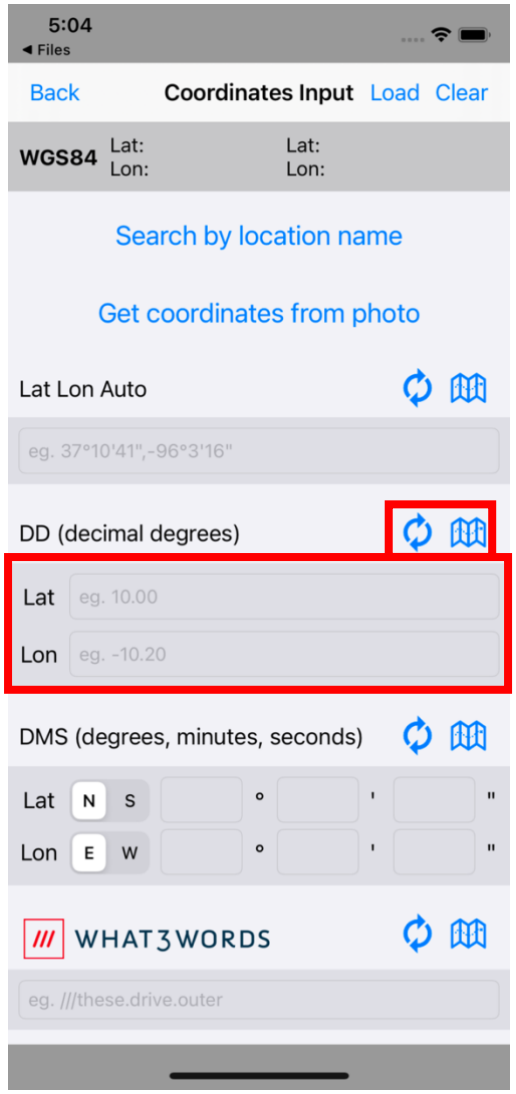
9. Basic usage 4 – Search / Convert Coordinates



9.1. Access



Press **"Magnifier"** (🔍) button to enter search menu.



9.2.Search / Convert Coordinates

To use this menu, please type in coordinates on desired box. In this example, Type Latitude and Longitude inside DD (decimal degrees) format, so we can view the same pin point location in all other formats.

Alternatively, Press **“Load”** to load value from main map.

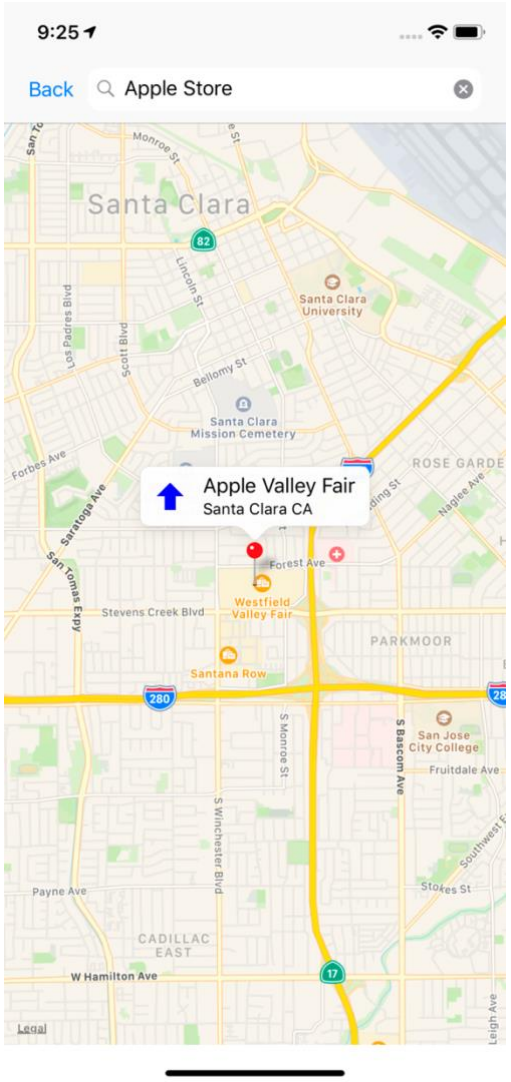
Press **“Sync”** button to convert coordinates to all coordinates type on page.

Press **“Map”** button to view this coordinates type on map. On the map view, result will display as “Custom (Proj4) format. Please refer 9.5 Extra – Proj4 Conversion (page. - 40 -)

For **‘Lat Lon Auto’** section, it will try to figure out what is the source format. But supported format is currently very limited. Here are some example of what you can try.

10,10
10.0, 10.0
10SEG8532
NAC: H5Q2 R48Q
wsj8vt
PL02
22°30'0", 121°0'0"

Press **“Clear”** to delete all boxes



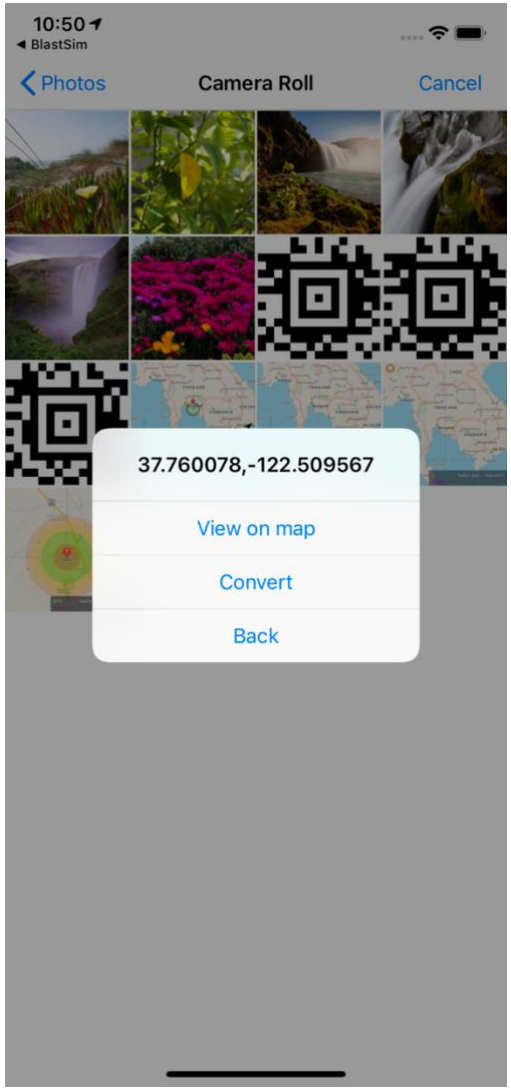
9.3.Search by location name

Press **"Search by location name "** button from previous page to enter this menu.

Please type in location name on the search bar

Select location appeared on the table

Then press **Blue arrow ( )** button to continue



9.4. Get coordinates from geotagged photo's metadata

When you took photos from your device, GPS coordinates is recorded in the image under EXIF format

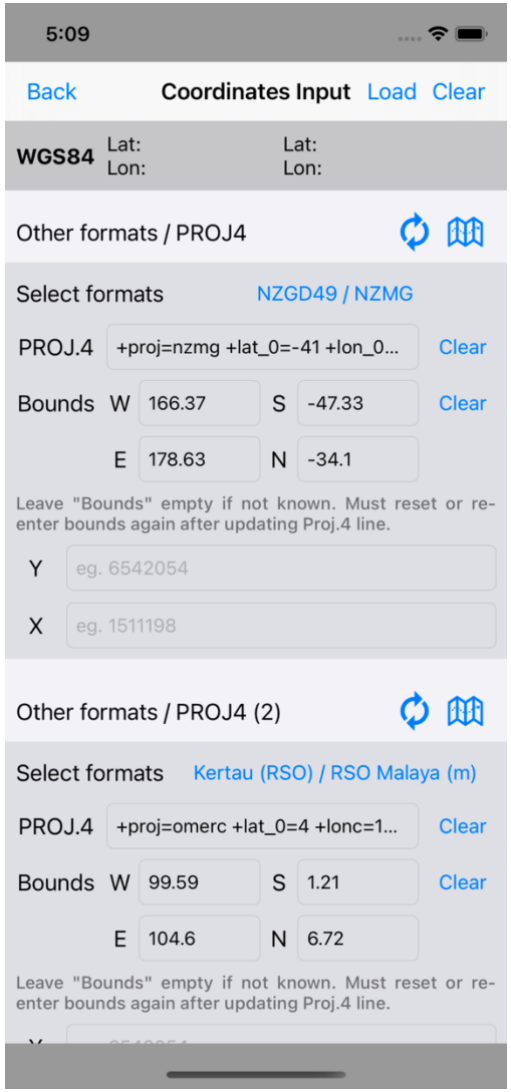
Read More about Geotagged Photo here
https://en.wikipedia.org/wiki/Geotagged_photograph

Press **"Get coordinates from photo "** button from previous page to enter this menu.

Select any photo you would like to read GPS information to load its coordinates.

Press "View on map" to view location on map

Press **"Convert"** to convert location on previous menu

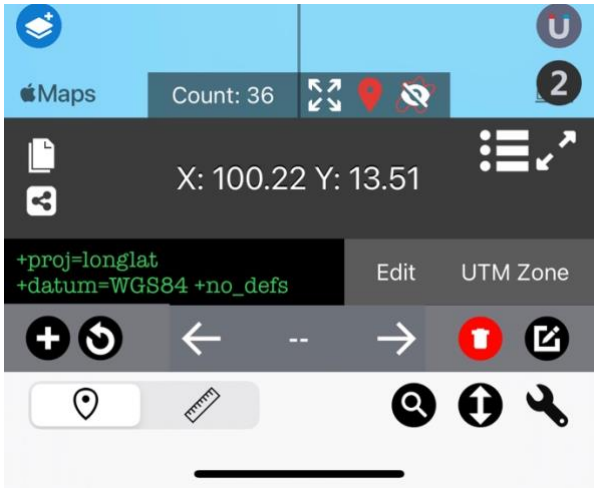


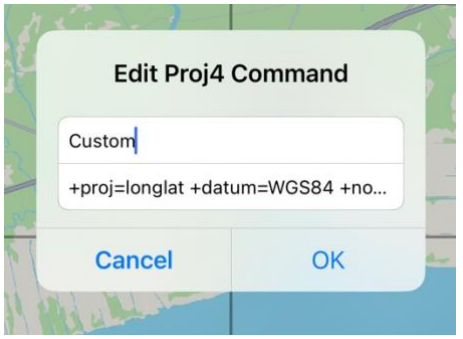
9.5. Extra – Proj4 Conversion

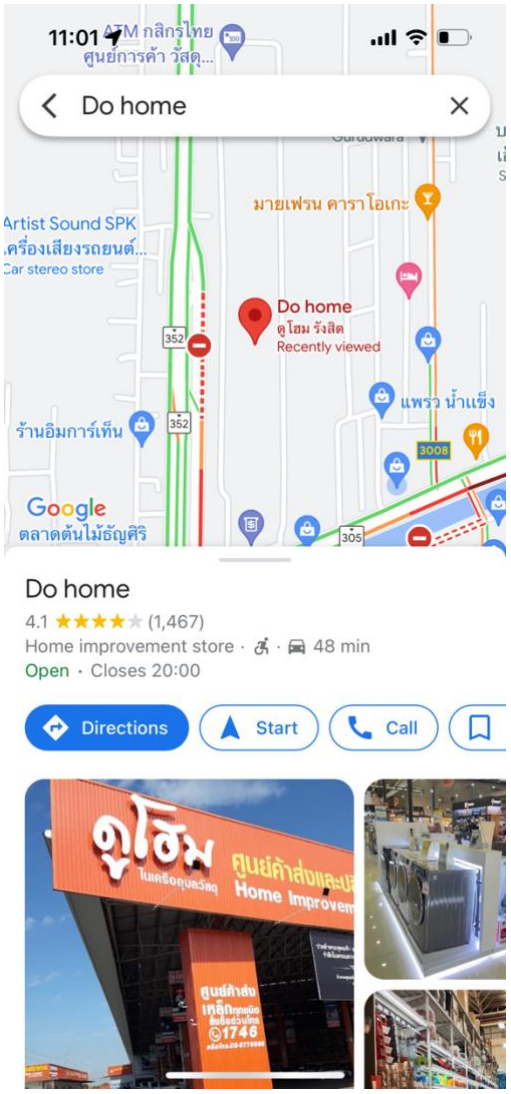
If your coordinates type is not listed in the menu then they may be in this section. You may paste your own Proj4 format here as well.

If you choose to view coordinates from this menu, transform coordinates menu or select **"Custom (Proj4)"** from coordinates type selection menu. Proj4 bar will appear, and from here you may edit its syntax, set UTM zone and custom type name here.

Read more about Proj4 here https://en.wikipedia.org/wiki/PROJ

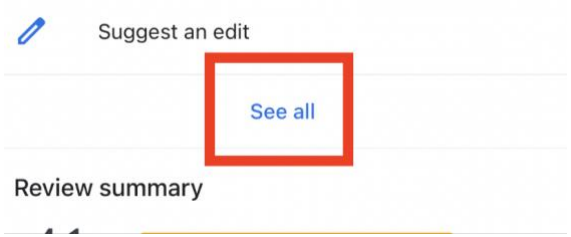




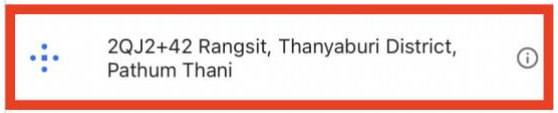


9.6. Extra – Get coordinates of existing location from Google Map App on iOS

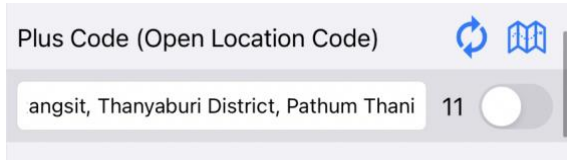
1. Open **Google Map** App
2. Select desired location on the map
3. Scroll down until you see “See All” button. Press “See All”



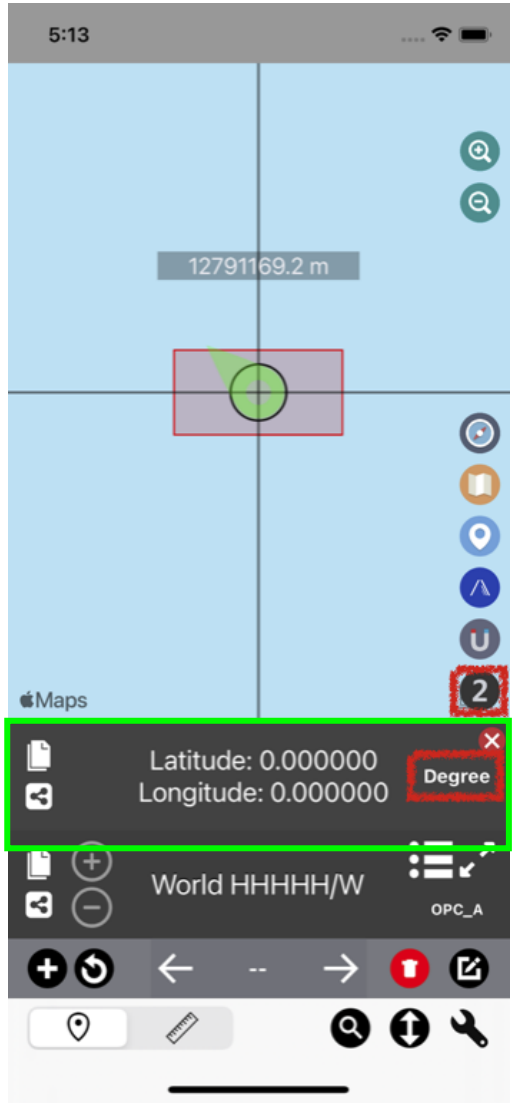
4. Once a Plus Code section appeared. Copy value by pressing on it.



5. Go back to Coordinates app.
6. Press ( ) button to enter search menu.
7. Scroll to Plus Code, and paste value on the text box. And do conversion by pressing button. Or go to map by pressing button



10. Sidebar



10.1. Secondary Coordinates Bar

This mode allows you to see one more converted coordinates of any type.

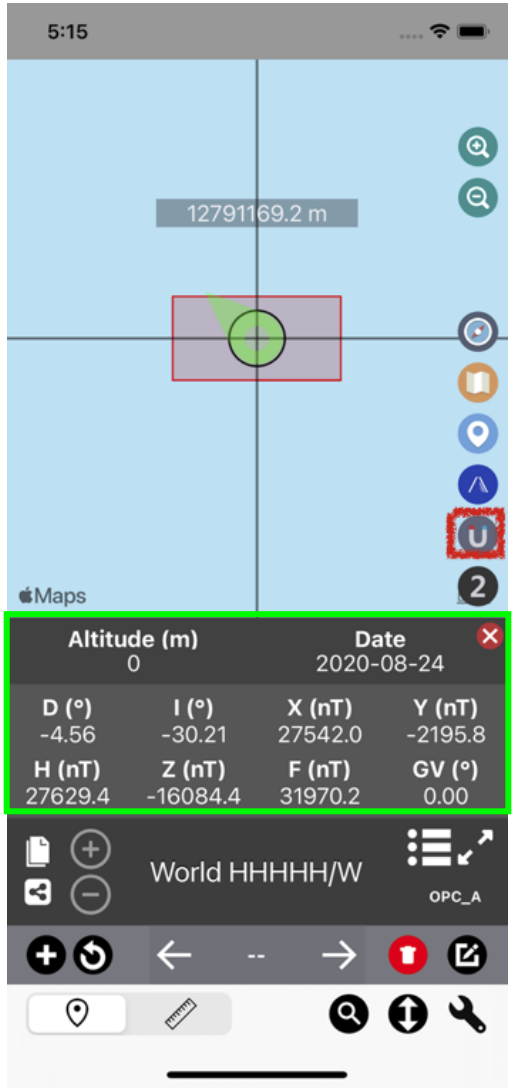
Press (2) button to activate the secondary bar.

You may press "**Format" button " (In the screenshot "Degree")** on the right to change its unit.

Press ( ) to copy result to clipboard.

Press ( ) to share result.

Press ( ) to close secondary bar.



10.2. World Magnetic Model Calculator

Press "**Magnet**" (**)** button on the main page to show Geomagnetic bar.

Press on "**Altitude**" or "**Date**" button to make changes to their values
Explanation of each abbreviations:

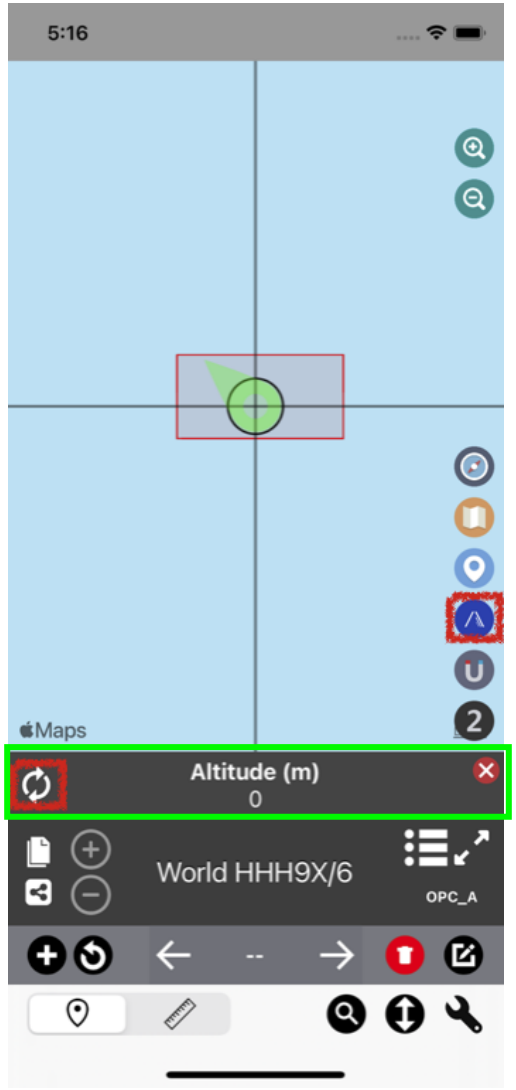
D = Declination (Degree)
I = Inclination (Degree)
X = North Intensity (nT)
Y = East Intensity (nT)
H = Horizontal Intensity (nT)
Z = Vertical Intensity (nT)
F = Total Intensity (nT)
GV = Magnetic Grid Variation (Degree)

WMM2015v2 model is used as default.

To change WMM model, go setting menu by press "**Setting**" (**)** button. Then scroll down to Geomagnetic section and choose between **WMM2015** or **WMM2015v2**.

Note: App does not automatically adjust altitude, 0m is set as default. Please make change to the value manually.

Press (**) to close Geomagnetic bar.



10.3. Elevation Data

Activate elevation banner by pressing “**Elevation**” ( ) icon on the right.

If you open the app for the first time, you will be redirected to Setting Menu.

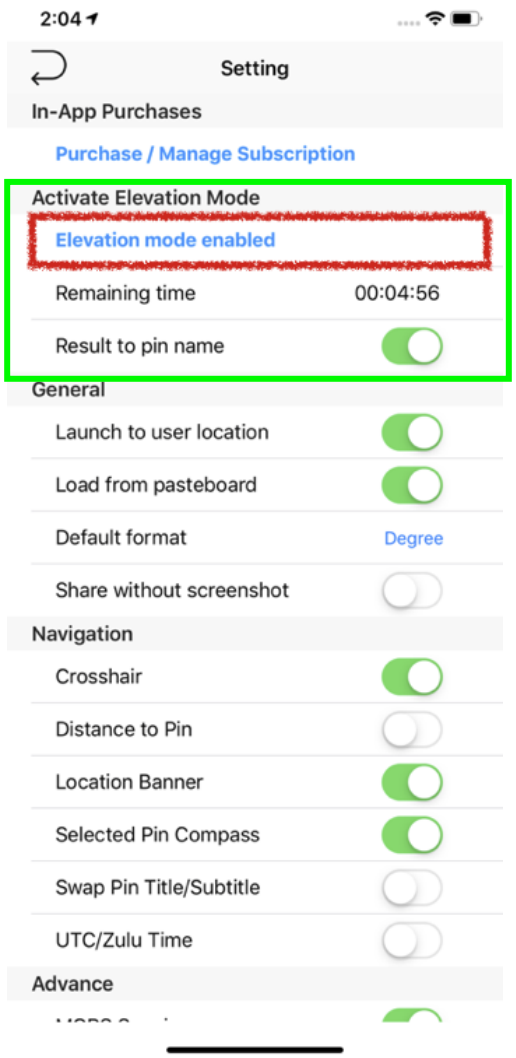
After you came back to this page, you can press “**Refresh**” ( ) button to fetch elevation data. You will have to wait 10 seconds before you can fetch another data.

If you find elevation data incorrect, you can manually type in new data by pressing the label.

Note: Please refresh elevation data before adding new pin. App will not fetch elevation automatically while adding new pin

Elevation value is shared between Geomagnetic mode as well as here.

Press ( ) to close Elevation bar.



10.3.1. Elevation Data – Setting Menu

You can make changes to Elevation mode in the Setting menu (🔧).

Since elevation data is costly for us to maintain, we have to make it available in a limited time to prevent abuse.

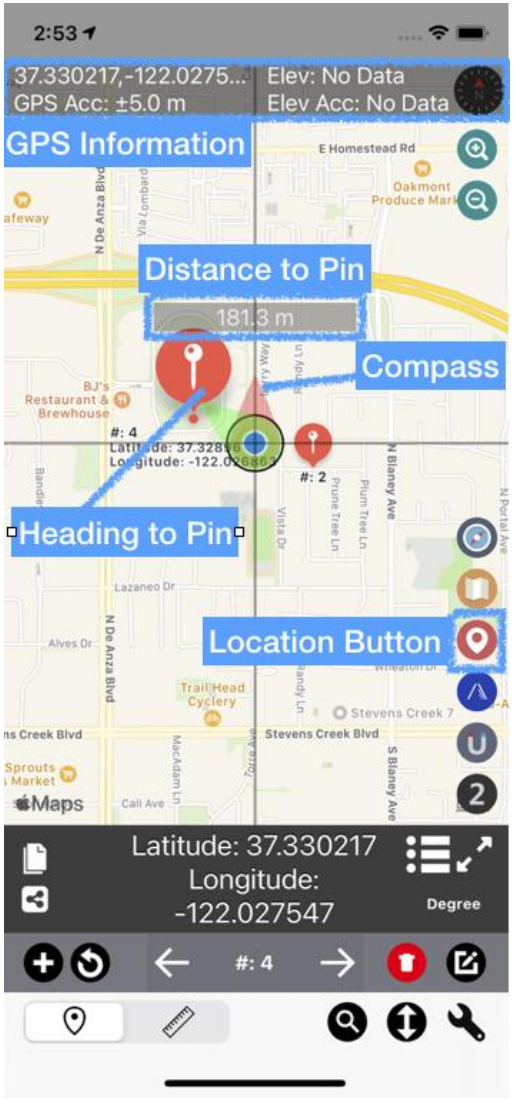
Press (Temporary activate 'Elevation' mode) button to temporary enable elevation mode, elevation banner will be available for 5 minutes. After timer is expired, this option will be disabled for another 24 hours.

However, you also have an option to skip wait time and continue right away.

Enabling "**Result to pin name**" switch will append elevation data to the pin name once you placed a new pin

Note: Subscribers are not subjected to these limitations.

For more sophisticated Elevation data, please check **Elevation App**



10.4. Go to current location / Tracking Mode

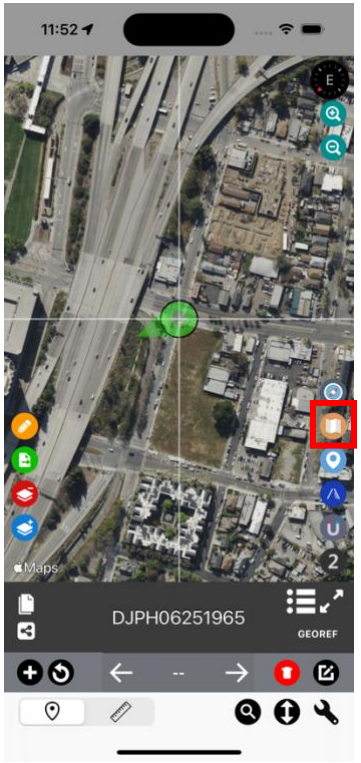
Press **"Location"** ( ) button one to move the map to current location, press it twice or more to switch between tracking modes. GPS information will be shown on the screen.

Go to Current Location/
Activate Tracking Mode
Tracking Mode Off
Tracking Mode On
Tracking Mode On with heading

Note: what3words, Plus Code (With City name), and Street Address are not available while tracking mode is active

If you find distance label or compass missing. You may turn it on within Setting menu **( )**.

Normal Map



Satellite Map

Hybrid Map

10.5. Change Map

Press **"Map"** ( ) button to switch between map layers.

- Normal map – Standard vector map
- Satellite map – Satellite map
- Hybrid map – Satellite map with street and point of interest

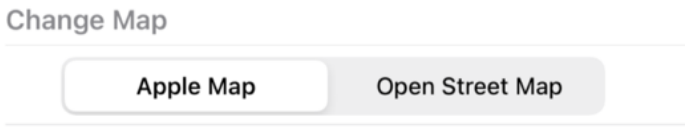
10.5.1. Open Street Map (OSM)

OpenStreetMap (OSM) is a free, open geographic database updated and maintained by a community of volunteers via open collaboration. Contributors collect data from surveys, trace from aerial imagery and also import from other freely licensed geodata sources.

Read more about **OpenStreetMap (OSM)** here: https://www.openstreetmap.org/about

To change to "**Open Street Map**"

Please go to **Setting menu (🔧)**. Then scroll down to "**Change Map**" Section



Select "**Open Steet Map**" to activate. Then press "**Back**" button to go back to map screen.

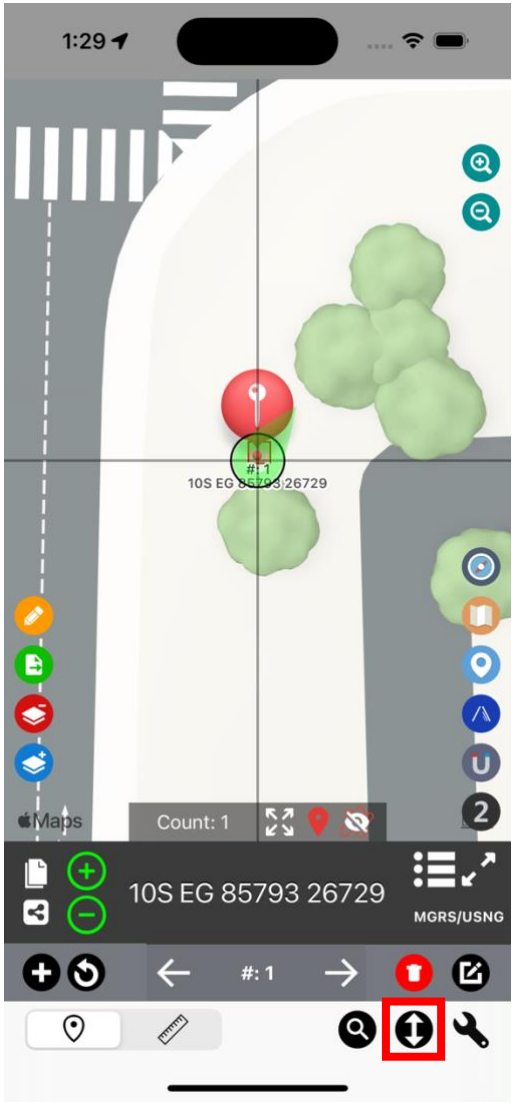
Note: Satellite map is not available while Open Street Map is active. Please switch back to Apple Map to re-activate satellite map.

10.6. On-screen compass

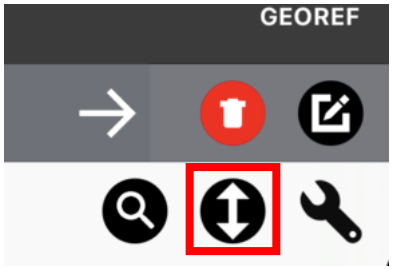
Press “**Compass**” ( ) Button to turn on On-screen compass

Press “**Compass**” ( ) Button again to close it.

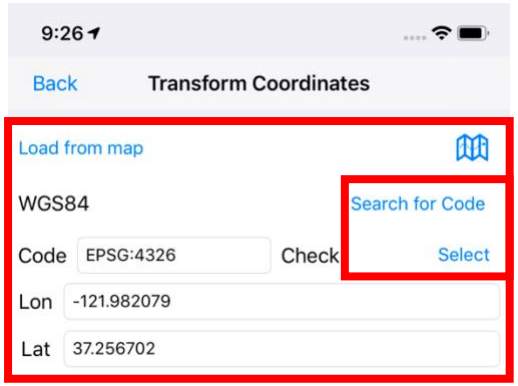
11. Transform coordinates



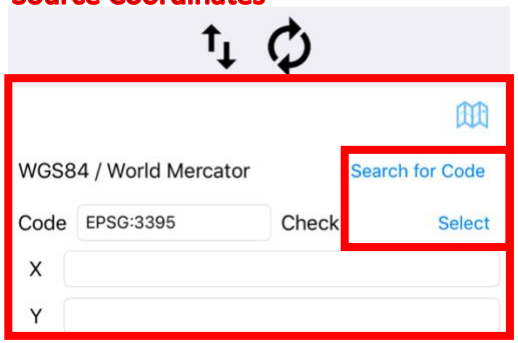
11.1. Access



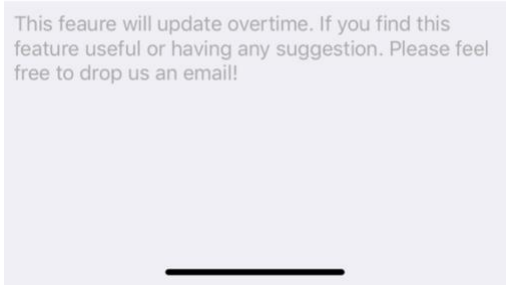
Press **"Transform Coordinates"** (⇕) button to enter the transform coordinates menu.

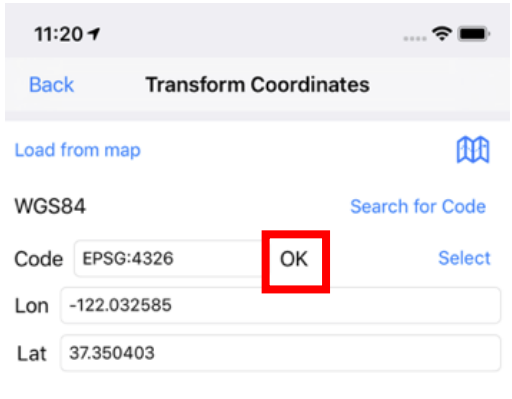


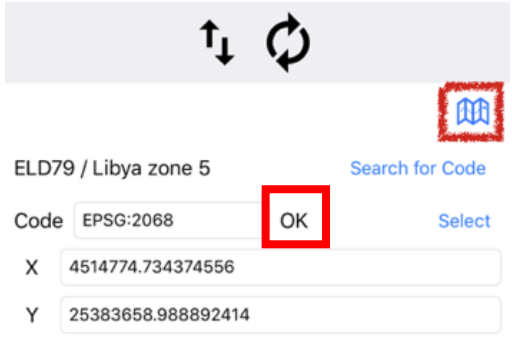
Source Coordinates

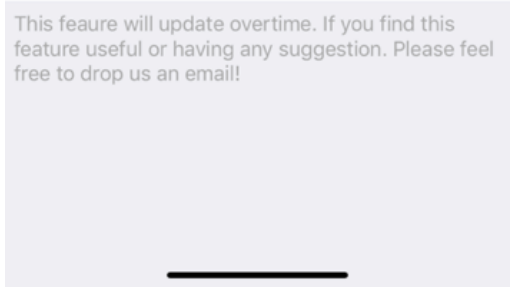


Result Coordinates







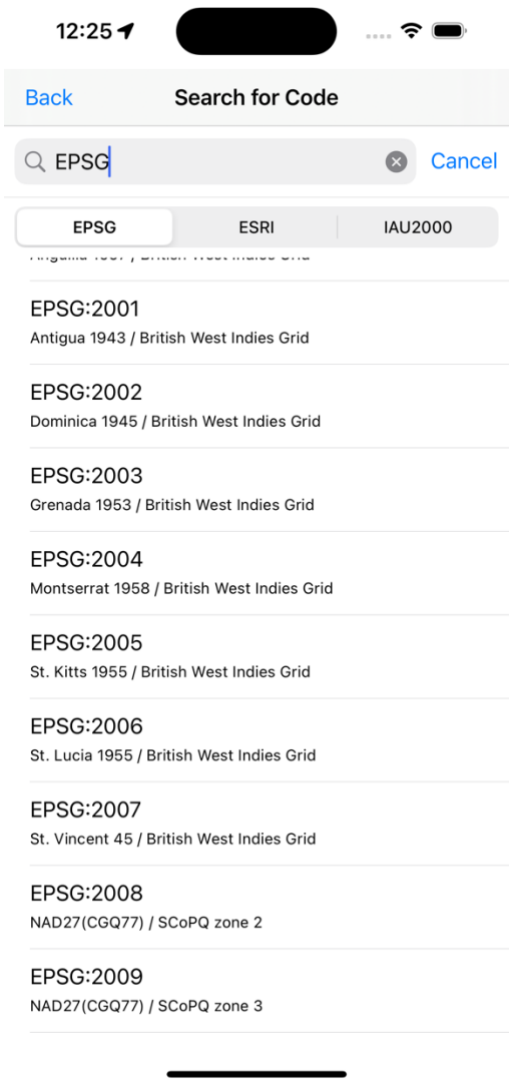


11.2. Usage

This menu allows you to convert coordinates between different datums. Here is how to do it:

1. As default, Center coordinates is loaded to “Lon” and “Lat” boxes with WGS84 (EPSG:4326) coordinates format.
2. To change source format press “**Select**” button or “**Search for Code**” button
3. To edit, re-type new source coordinates in “**Lon**” and “**Lat**” (“**X**” and “**Y**” other coordinates type) box as required.
4. Revert to default coordinates from 1. By pressing “**Load from map**” button
5. Within **Result Coordinates**. Select destination format by pressing “**Select**” button or “**Search for Code**” button
6. Press press “**Refresh**” ( ) button to begin conversion. If there is no error, “**OK**” status will appear on both Source and Destination. And result coordinates will appear.
7. Press “**Map**” ( ) button to view coordinates on the map.

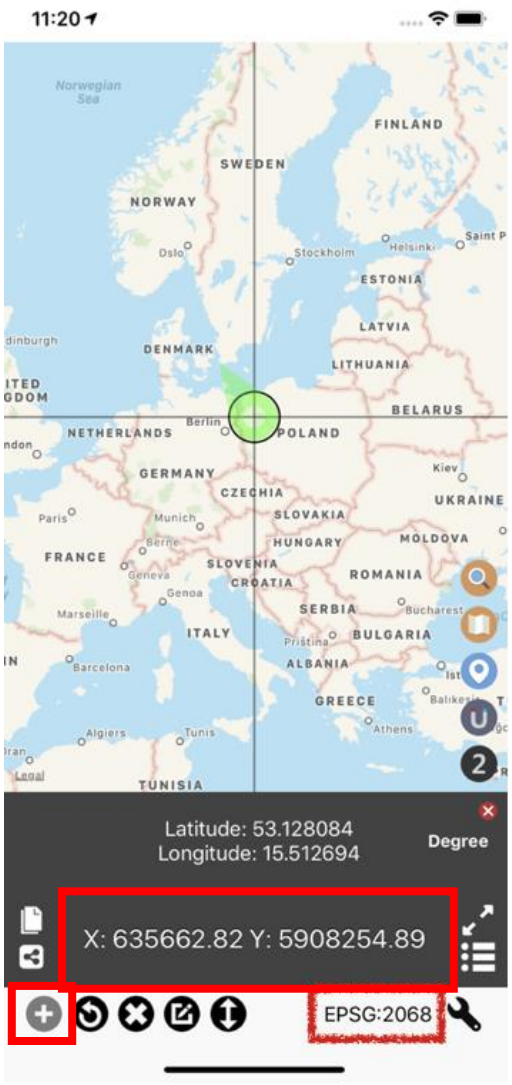
   Press “**Switch**” ( ) button if you want to switch input between sources and result coordinates.



11.3. Transform Coordinates – Search for code

After you pressed “Search for code” in the previous screen. This menu will appear.

1. Select between **“EPSG”, “ESRI”, “IAU2000”**
2. Type in the name or code for coordinates format within search bar.
3. Select coordinates on the table below by tapping twice.



11.4. View transformed coordinates on the map

Note that unit button changed to reflect format you selected.

This format stays on the map, you can move the map to see transform coordinates in different locations.

“Add Pin” (⊕) button is disabled under this mode. To resume adding pin for other formats please press unit button to change to other unit first

12. Distance Measurement

Activate Distance Mode by pressing "**Distance**" ( ) button in **Mode Switch.** Press "**Continues**" on the popup.

Add **Distance pin** by selecting existing pin or add new one with ( ) Button. When two or more pin are drop on screen. Measurement lines will be visible. Repeat until finish drawing line.

Press "**Change Unit**" button to change between distance units

Press "**Undo**" ( ) button to remove last pin

Bearing between points are also shown on the screen.

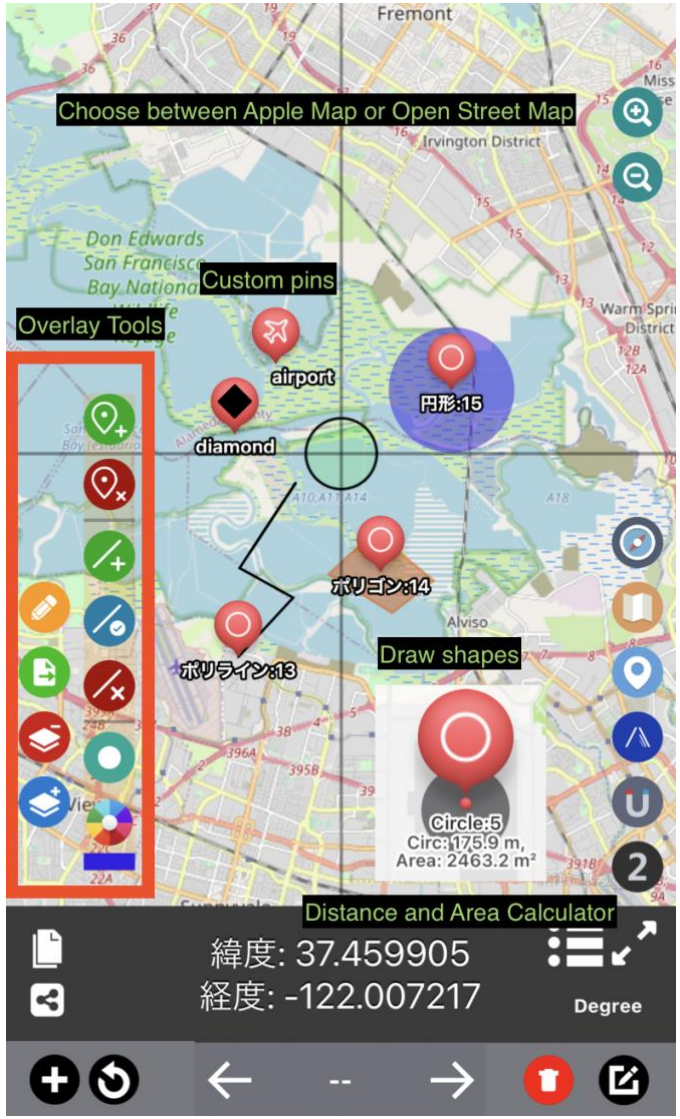
Press ( ) to copy result to clipboard.

Press ( ) to share result.

Press **"Pin"** ( ) button in **Mode Switch** to exit Distance mode,

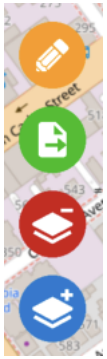
Note: No progress will be save under distance mode

13. Working with shape



Apart from pinning coordinates points, the Coordinates app now allow adding custom pins, lines, and shapes on the map.

Overlay tools on the left of the screen is where you can work with shape on the map.



Draw Menu

Export Files

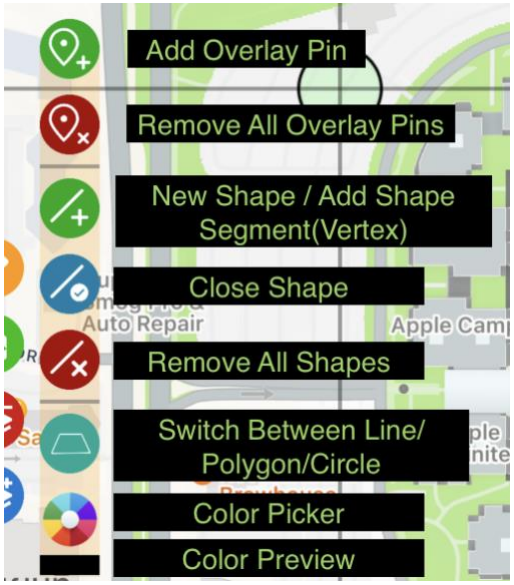
Remove previously imported pins/overlays

Import overlay files

Note: The app will store overlays on the memory, but they are not included in the coordinates list. Please export to the .kml file manually to prevent losing progress.

13.1. Draw menu

To access the menu. Press “**Pencil**”  button



From here you can add extra pins, lines, shapes, or circles. On top of the original coordinates list.

Distance and Area data are provided alongside the shape you drew as well.

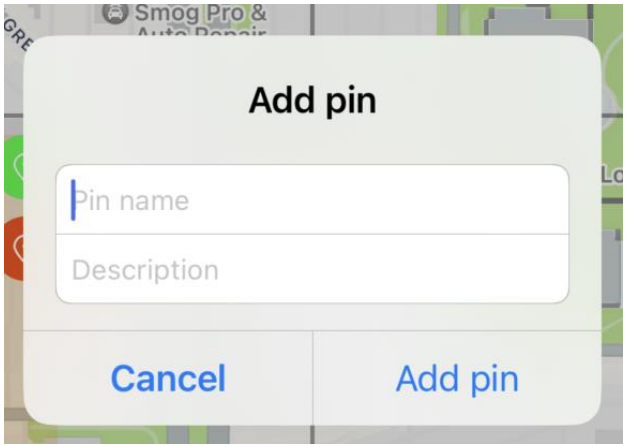
Note: These pins will not be saved alongside coordinates pin data. Please export to .kml to save these added pins for later use.

13.1.1. Add Pin

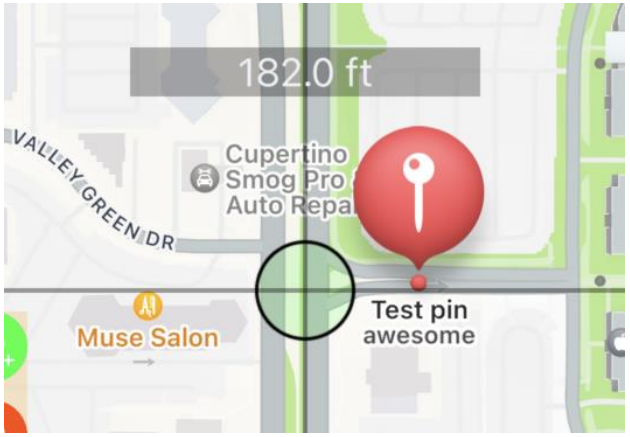
This is done in the following process.

1. To start adding pins. Press “Add Pin”  button.

2. This popup will appear.

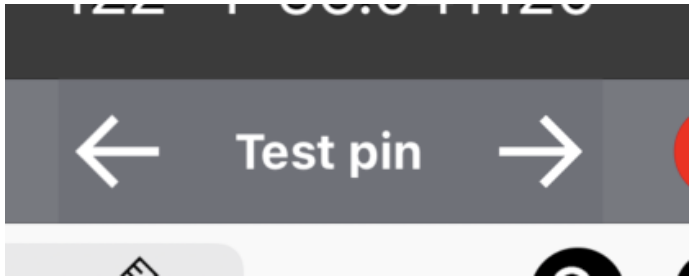


3. Type pin name and description as needed. The description will appear under the pin title as a subtitle.

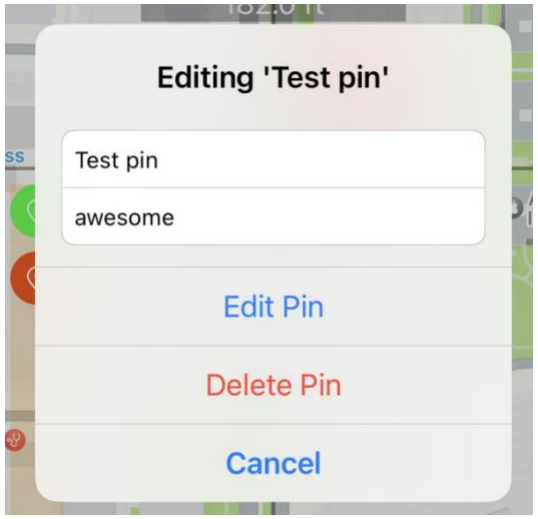


13.1.2. Edit Pin

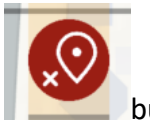
1. To edit pin, press at the pin  on the map until pin name appear at the bottom bar. Press the pin name.



2. From here, you may edit pin, delete pin as desired.



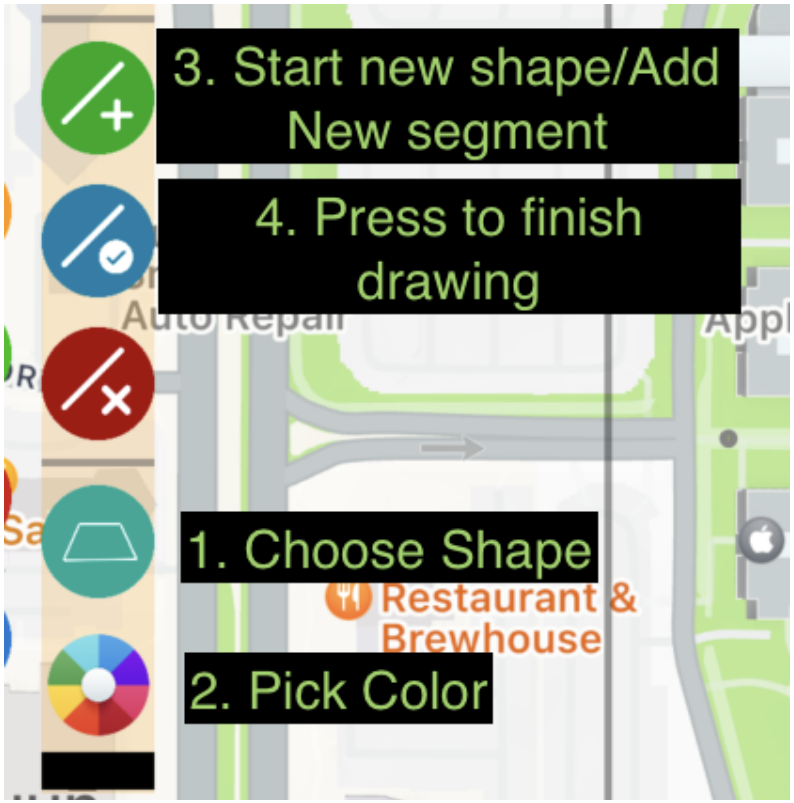
13.1.3. Delete All Pin

Press Delete All  button.

Note: This will only delete all pins created through this menu. All coordinates pins created through another method are not deleted here.

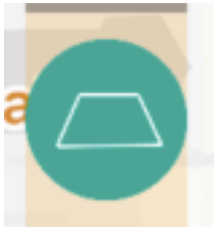
13.1.4. Add shape

It is recommended to follow this step



1. Choose shape

Press to switch between options: Polyline, Polygon, Circle

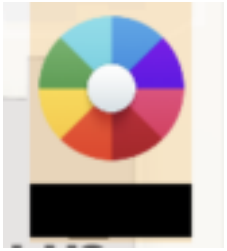


Polyline (Line)

Polygon (Closed Shape)

Circle

2. Choose color



Press color wheel to begin choose color. Color picker popup will appear. Choose color you want by following instruction on the screenshot on the left.

Note: Default color is black color.

This is the color wheel when new color is updated to blue color.

3. Start Drawing

In this tutorial we will try draw a closed shape on apple campus like so

Step 1: Pick Polygon and choose desired color

Step 2: Move the map to starting location

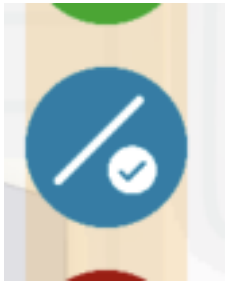
Step 3: Press add button

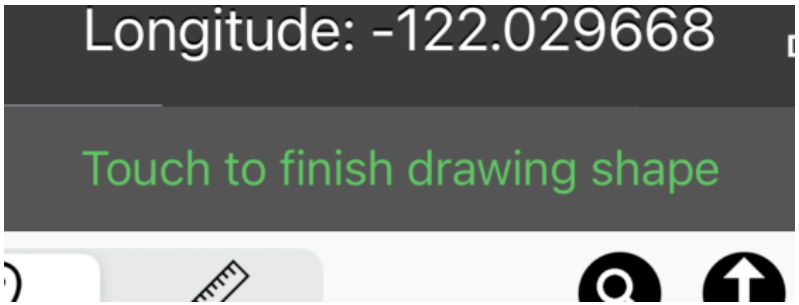
Step 4. Move the map to next location

Repeat **Step 3** and **Step 4** until getting a full shape.

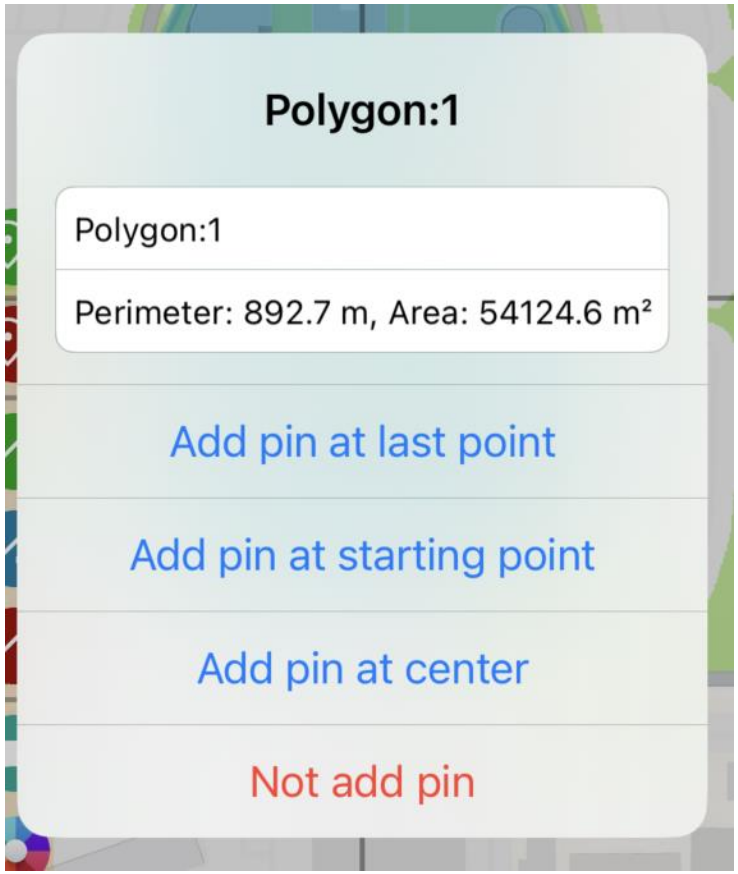
Step 5: Close shape

Press close shape button or press the text at the bottom screen





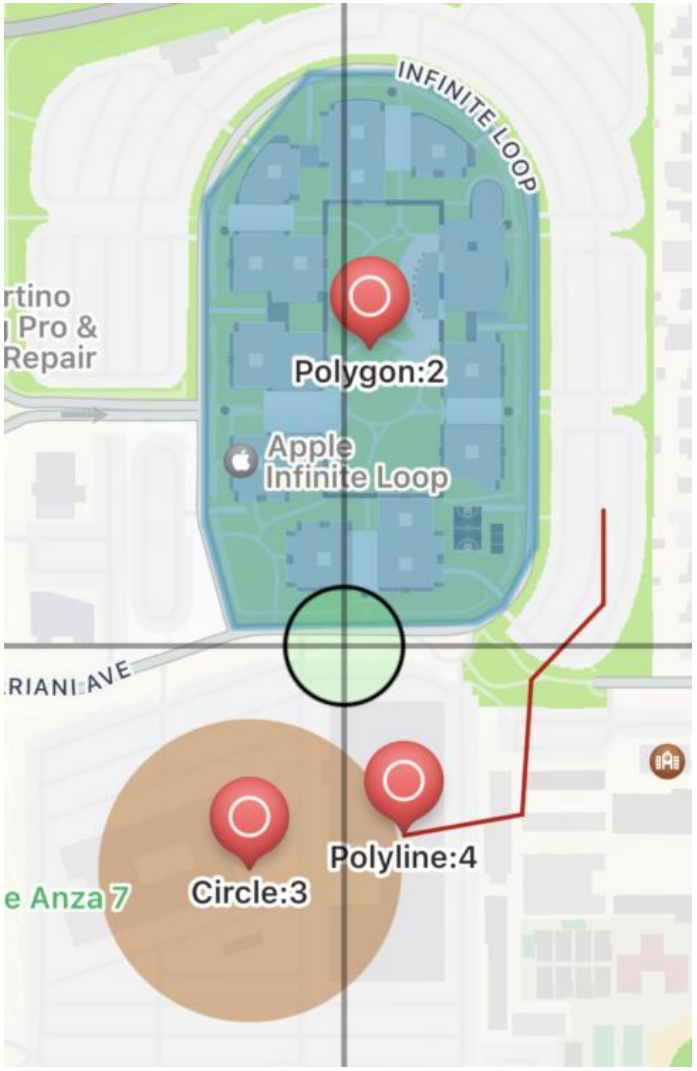
Step 6: Add pin if required



From here, you can

- Edit pin name.
- Read distance/perimeter. Read area calculation
- Add or not to add pin at the desired position

Step 7: (Optional) Repeat step 1 onward to add more shapes.

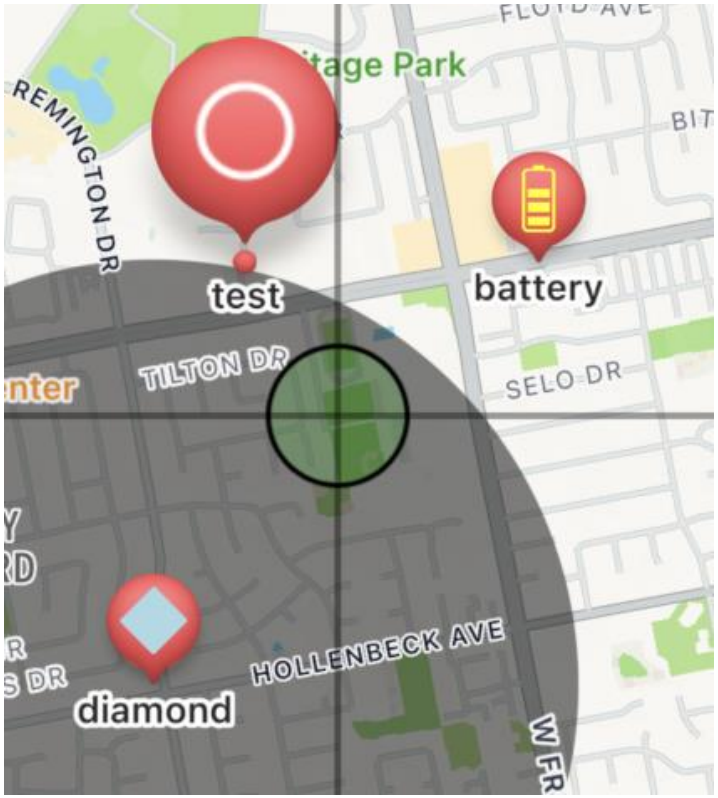


13.1.5. Delete shape

Press Delete button  to delete all shapes

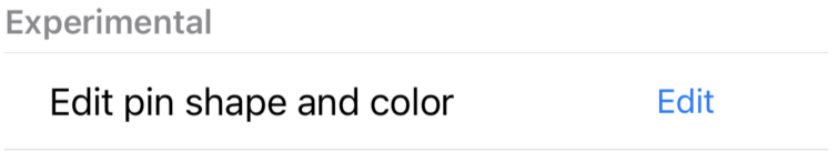
13.2. Custom pins

You can change pins from a standard pin to any shape you want by specifying the prefix of the pin title to match specific keywords.

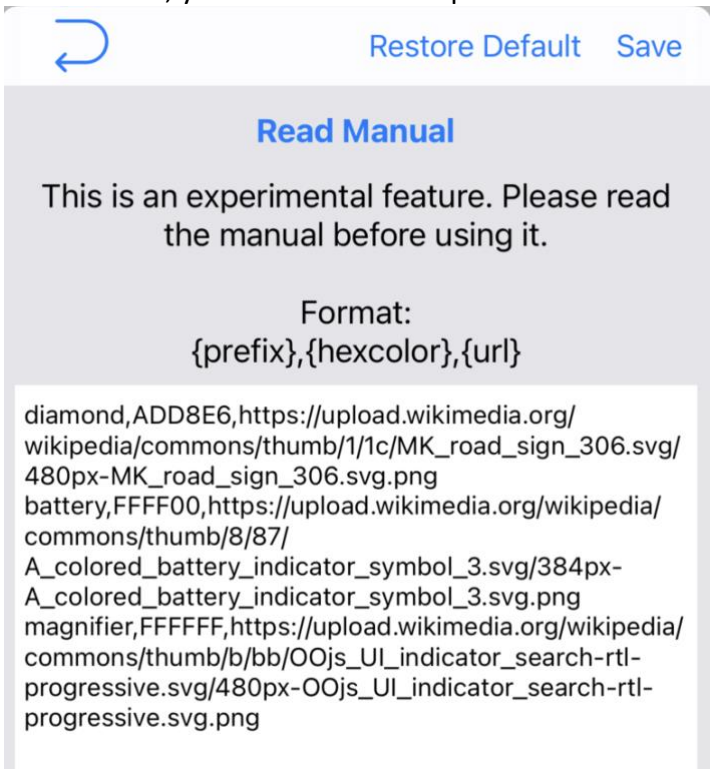


To edit. Go to setting menu ( )at the bottom right of the screen

Then scroll down until you see this section. Press Edit.



In this menu, you can edit custom pin information.



An example script has three lines. each line is divided into three sections.

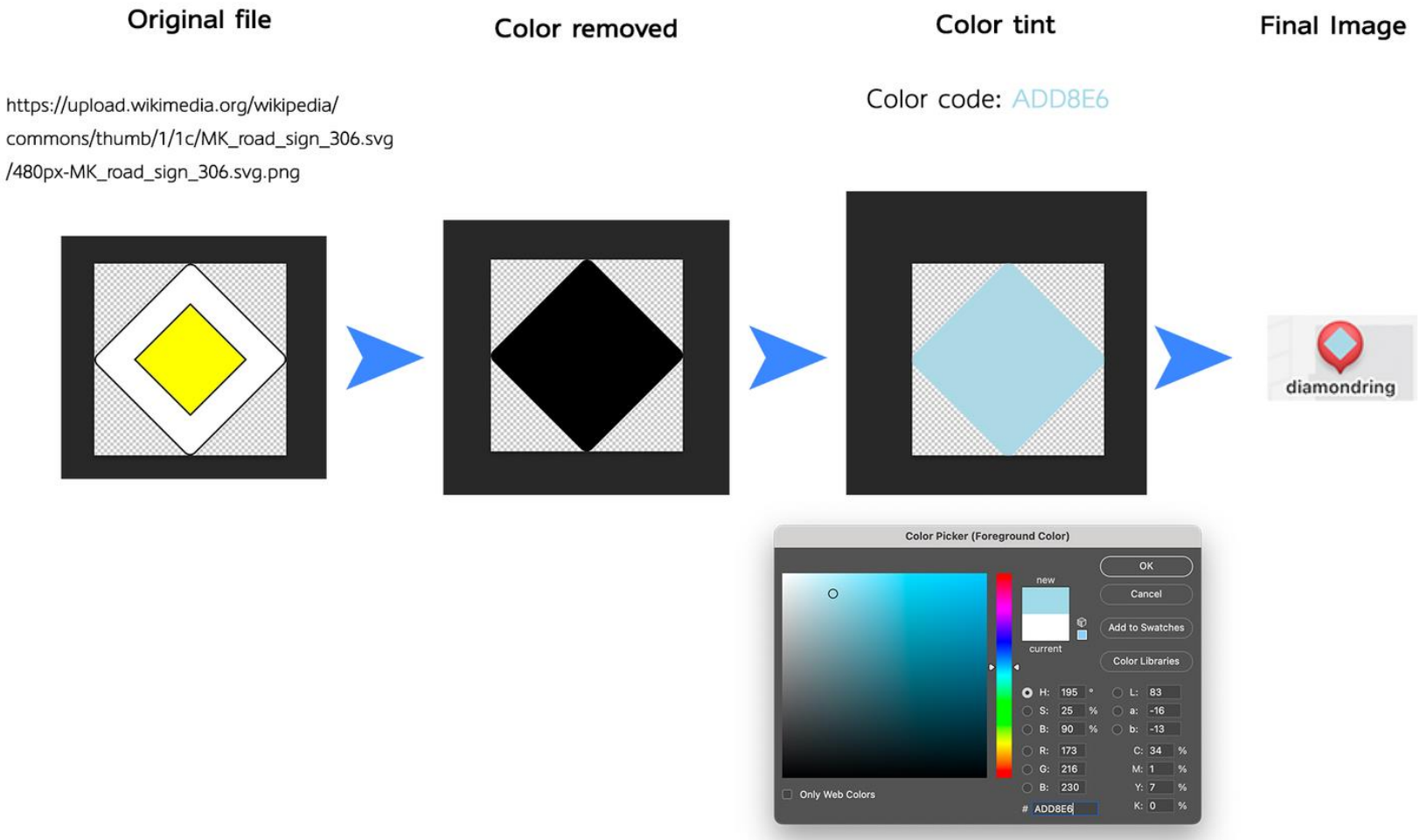
Here is a structure of the data
<prefix>,<colorcode>,<url>
Let's look at the first line from the above example

diamond,ADD8E6,https://upload.wikimedia.org/wikipedia/commons/thumb/1/1c/MK_road_sign_306.svg/480px-MK_road_sign_306.svg.png

Here is an explanation.

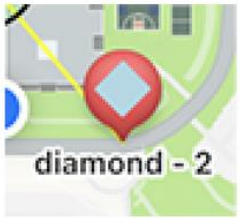
Any pin which has 'diamond' as a prefix of a title will have an icon image https://upload.wikimedia.org/wikipedia/commons/thumb/1/1c/MK_road_sign_306.svg/480px-MK_road_sign_306.svg.png tinted in **ADD8E6 (light-blue)** color

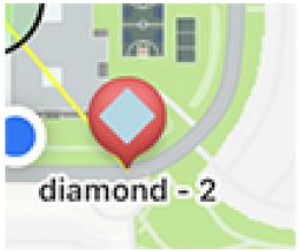
Note: The image needs to have a transparency layer and the image will always be filled in a single color.



This is how the app process image file

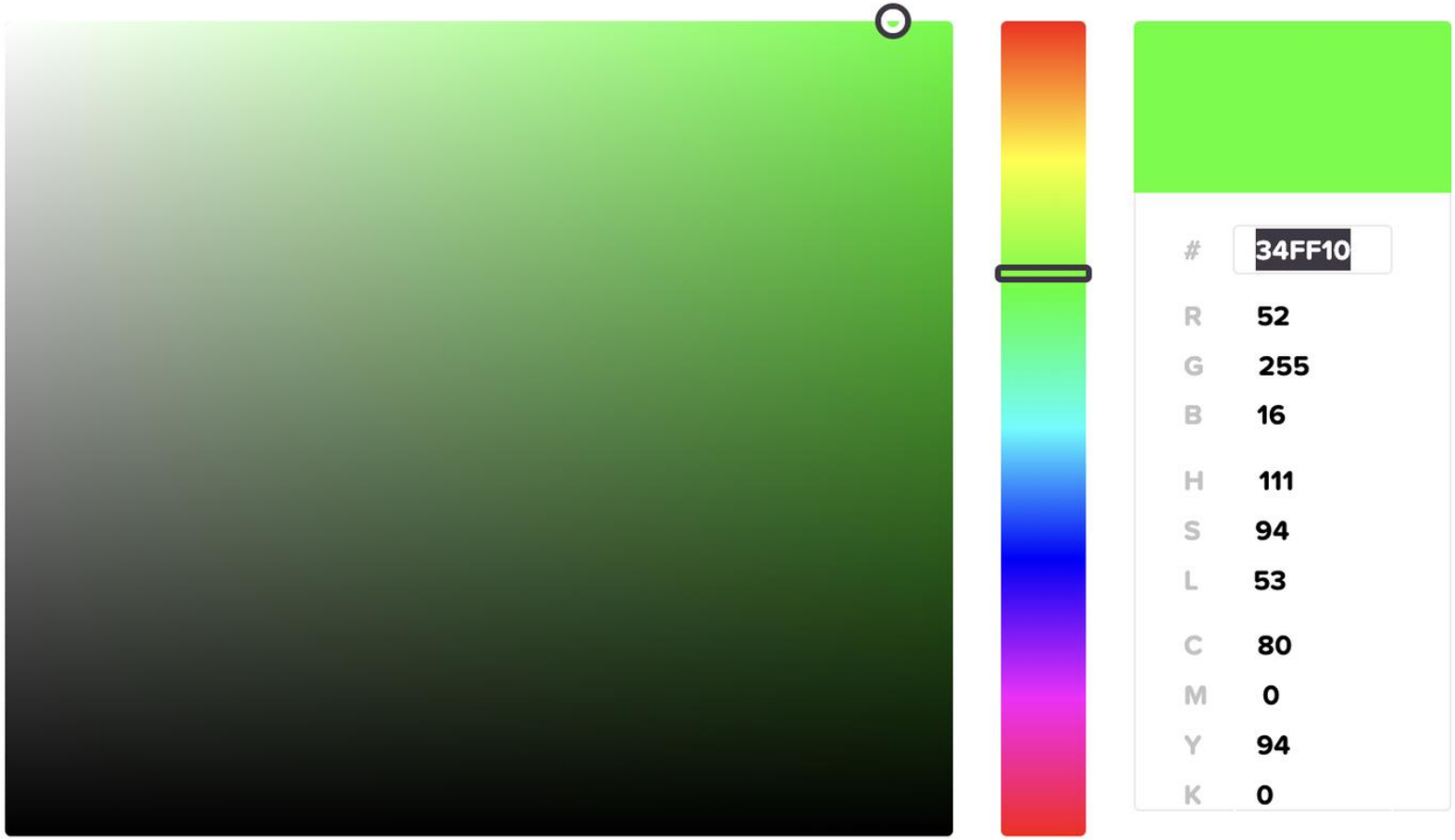
diamond at the start of the title





diamond not at the start of the title

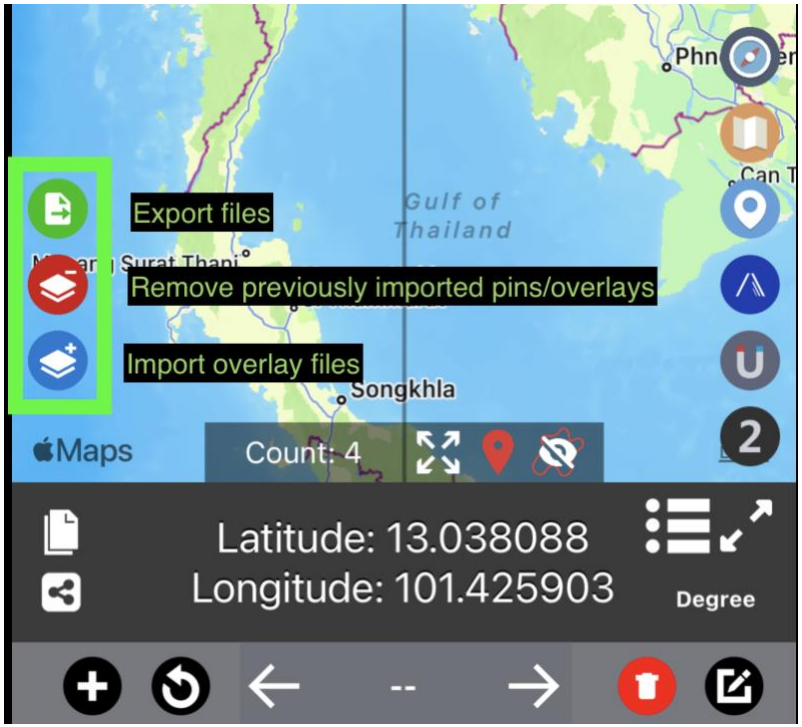
Note: To know which color code, you can try this site https://htmlcolorcodes.com/color-picker



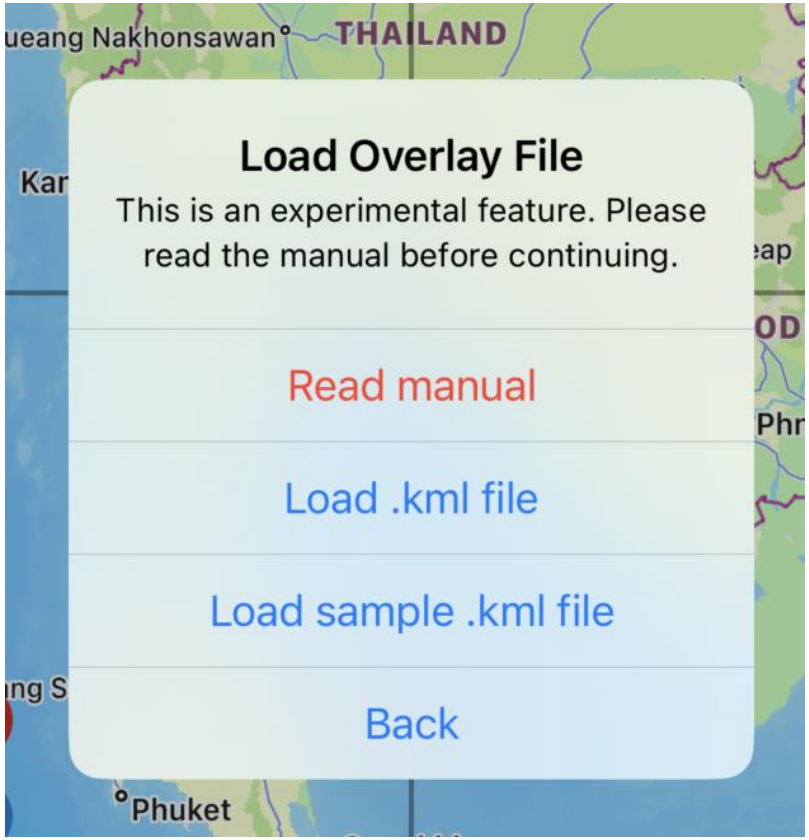
34FF10 is what you have to fill in the script

13.3. Import Overlay (.kml file)

You may access this feature through the blue import button on the left side of the map.



Press the blue button to launch import menu



- Read manual
- Load .kml file
  - Load .kml file from files app. Which will be explained in the next section
- Load sample .kml file
  - The app will load sample overlay file and display on the map.

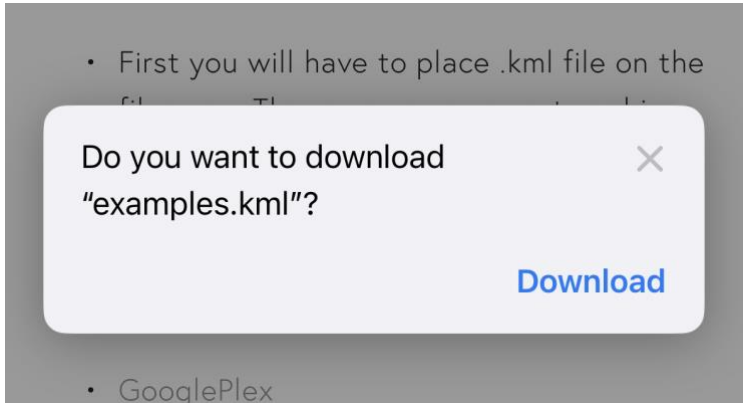
13.3.1. How to download .kml file

If you already have .kml file in the file app. You may skip this section

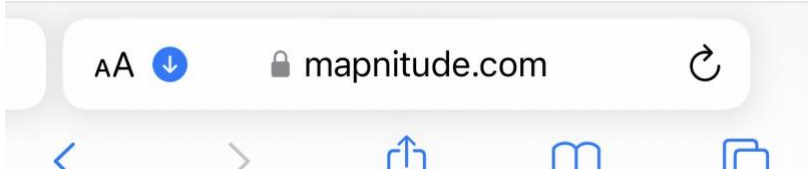
1. First you will have to place .kml file on the files app. You can press on any .kml file from email, website then press share to files app. https://www.iphonelife.com/content/how-to-save-items-to-files-app-iphone

2. If you don't have the files now. You can try these sample .kml files. Please download it using your iOS device.
   2.1. GooglePlex - https://mapnitude.com/s/KML_Samples.kml
   2.2. CentralPark - https://mapnitude.com/s/examples.kml
   2.3. Nevada - https://mapnitude.com/s/nevada.kml
   2.4. ThirteenColonies - https://mapnitude.com/s/13Colony.kml

3. Once you press on one of the links. This popup will appear. Press "Download"

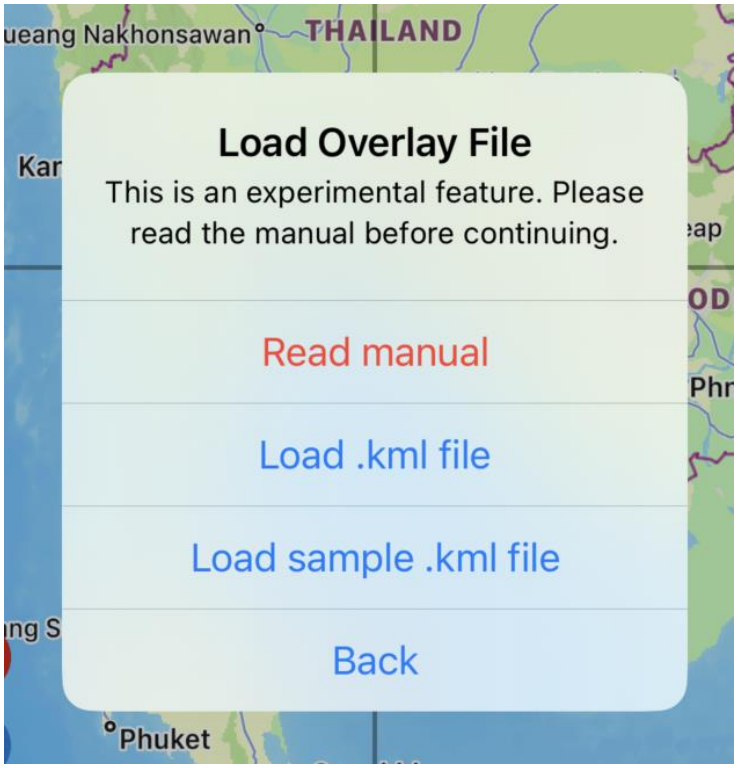


4. Once download is completed. Press blue arrow button to see list of downloaded files.

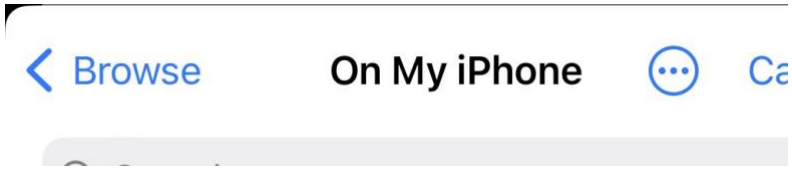


13.3.2. How to open downloaded .kml file

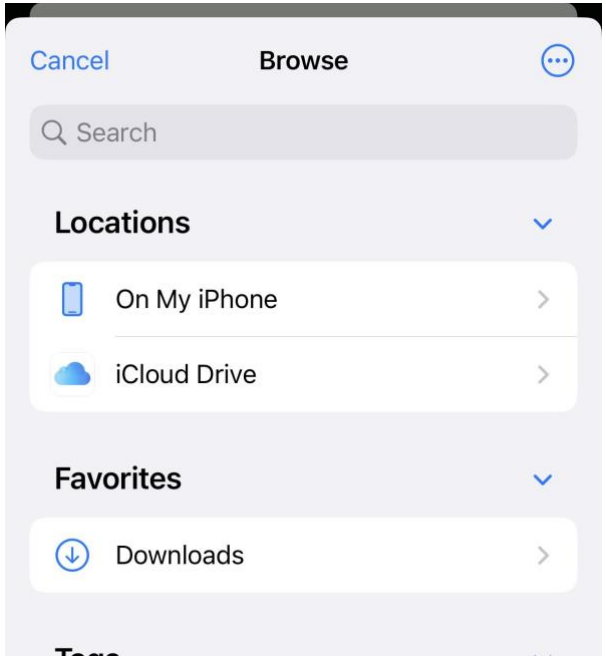
5. Back to Coordinates app. Go press import overlay button and press import .kml file



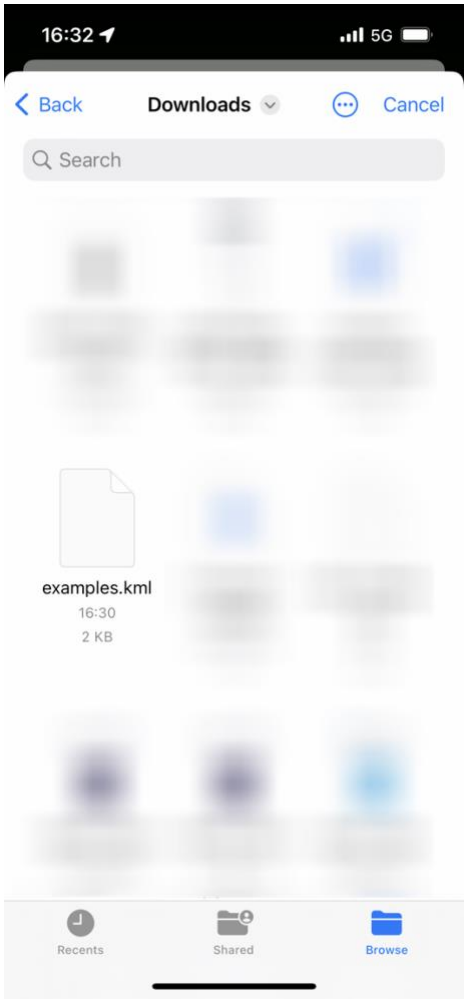
6. If you are not inside “Download” folder. Press back/browse until you go back to the top screen.



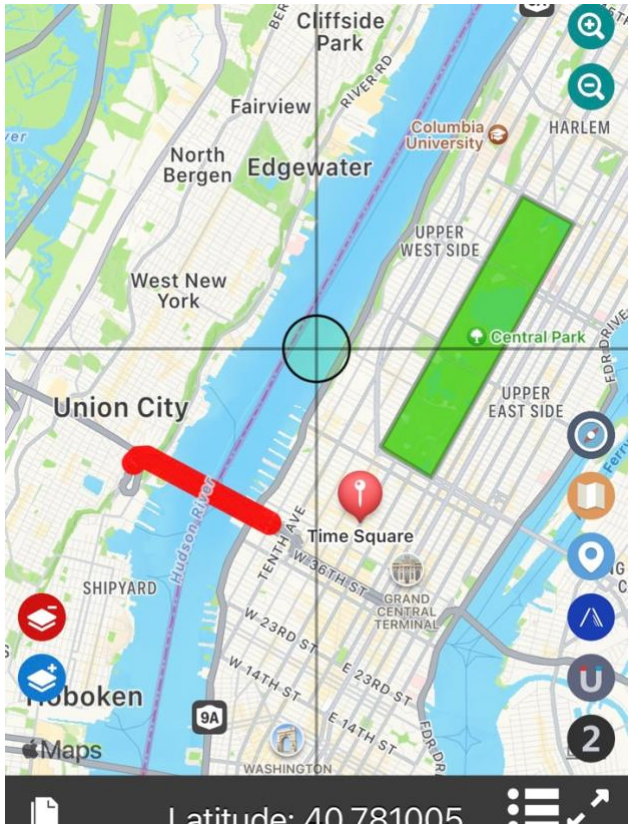
7. From here you will see download folder



8. From here Selected .kml file



9. .kml file is successfully loaded



13.3.3. (Extra) How to open .kmz file

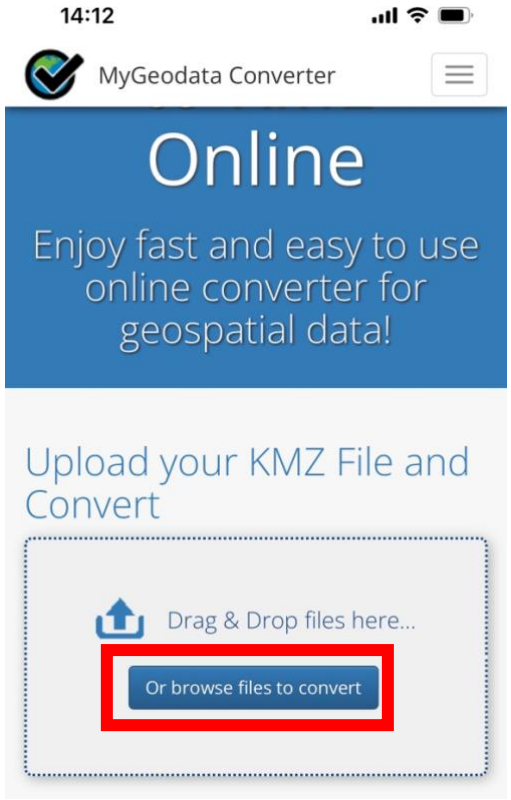
A KMZ file is a Zip-compressed .KML file that stores map locations viewable in various geographic information systems (GIS) applications

Coordinates app can't handle .kmz file directly, but it's possible through conversion to .kml file.

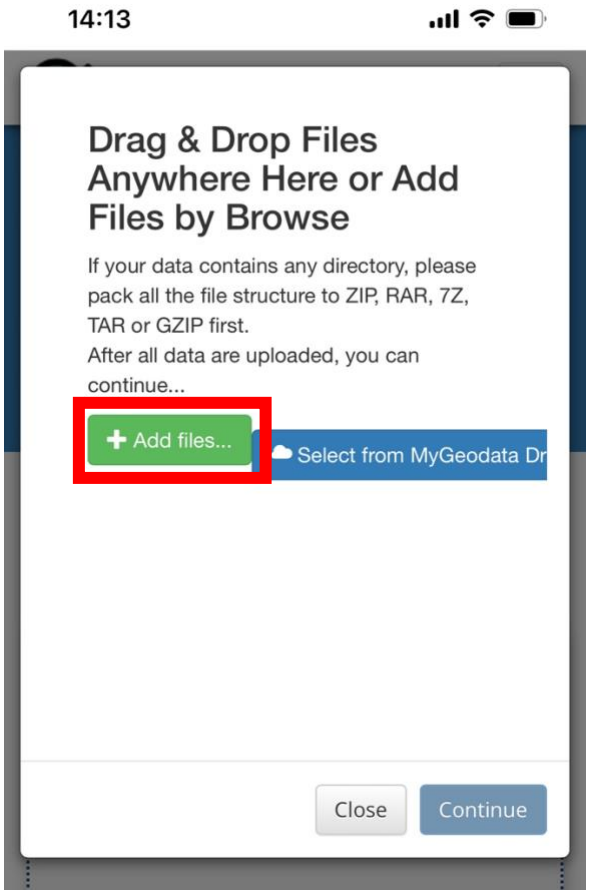
1. If you don't already have the .kmz in files app. Please follows **13.3.1 How to download .kml file (Page - 73 -)**

2. Go to https://mygeodata.cloud/converter/kmz-to-kml

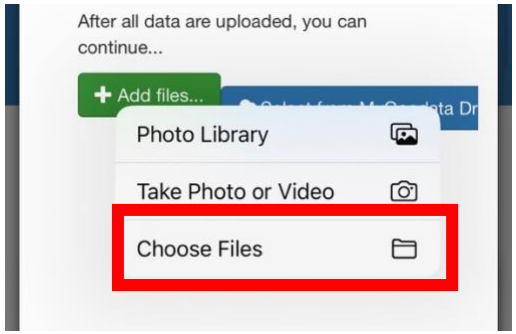
3. From this page. Press "Or **browse files to convert**"



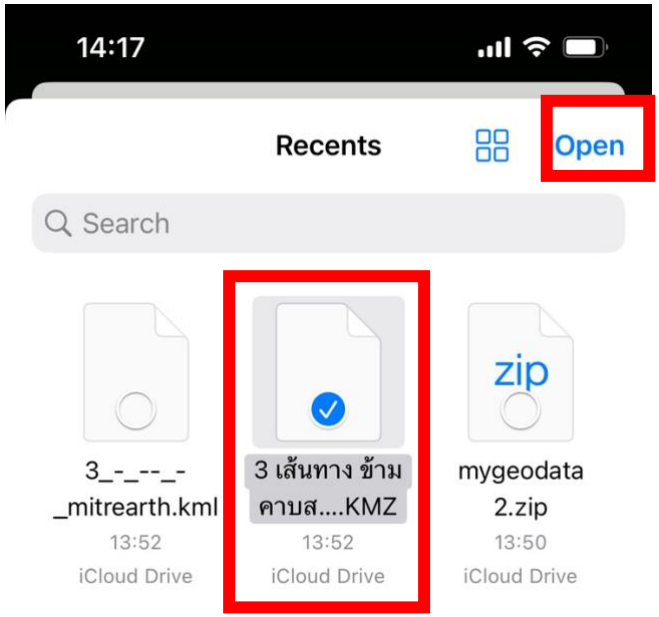
4. Press “**Add files**”



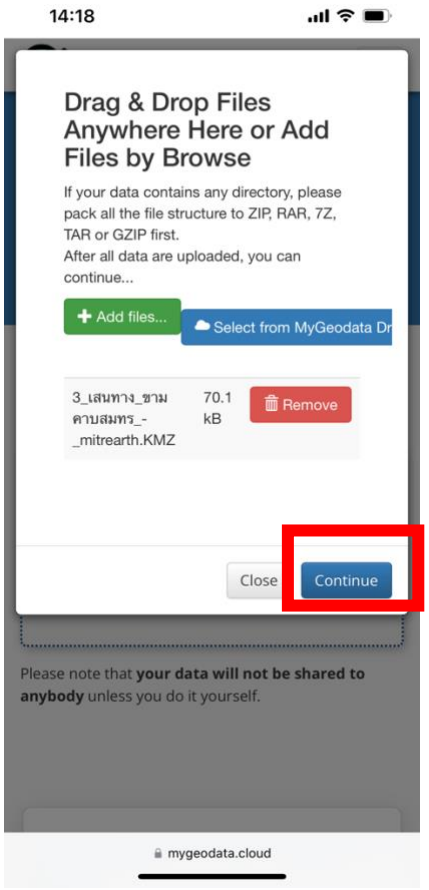
5. Press “**Choose Files**”



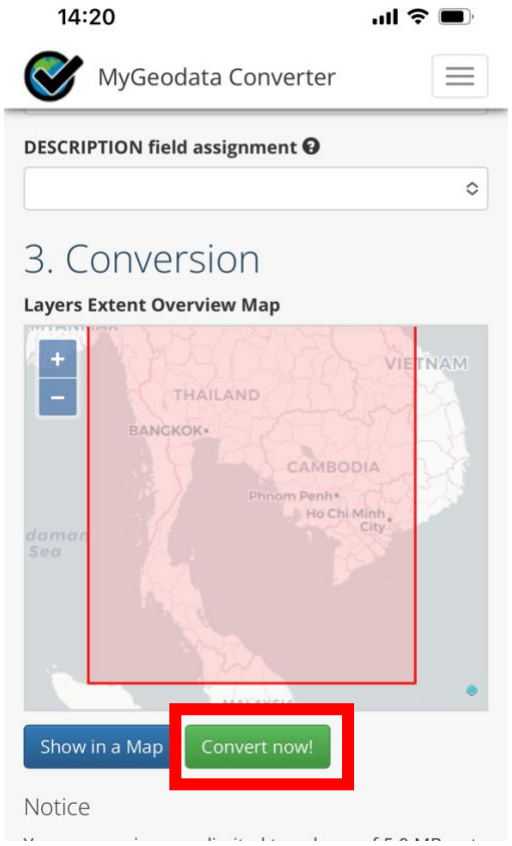
6. Select previously downloaded .kmz file then press “Open”



7. Press “Continue”

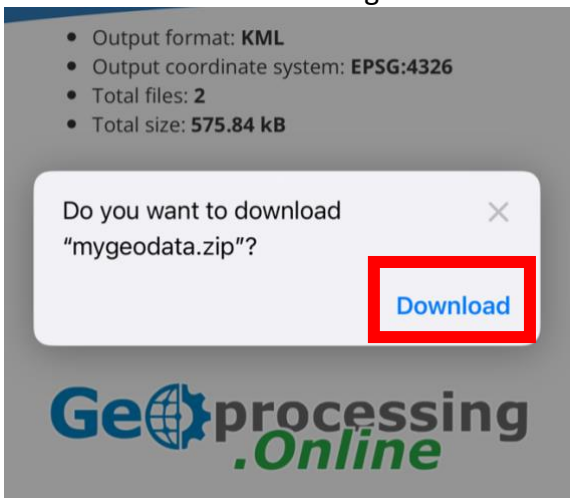


8. Once you are redirected to a new page. Scroll down and press “Convert Now!”

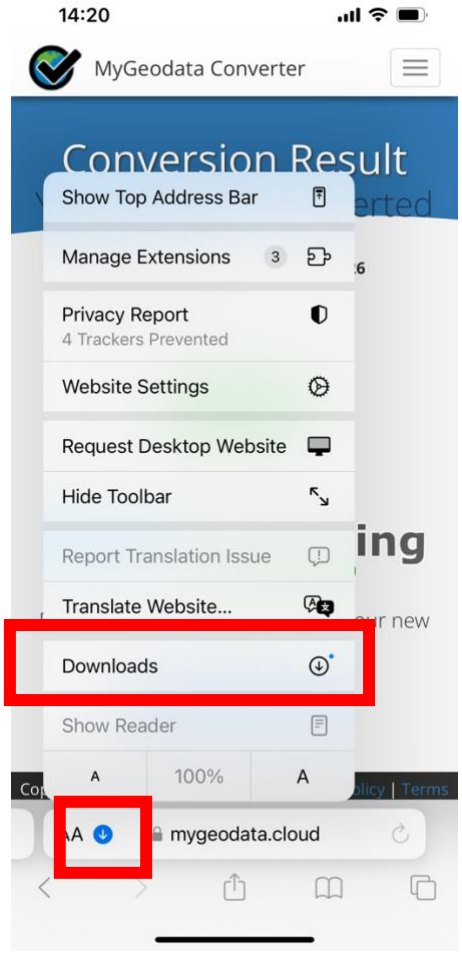


9. Press “Download”

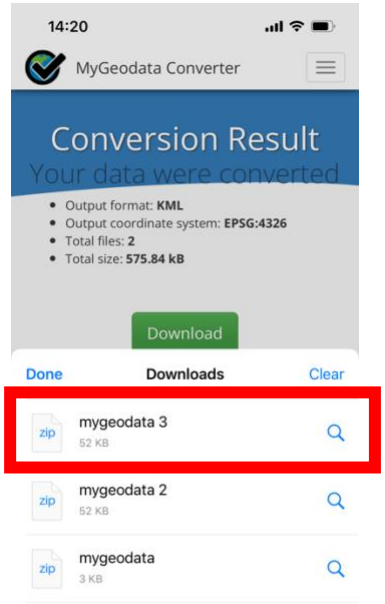
10. Press “Download” again



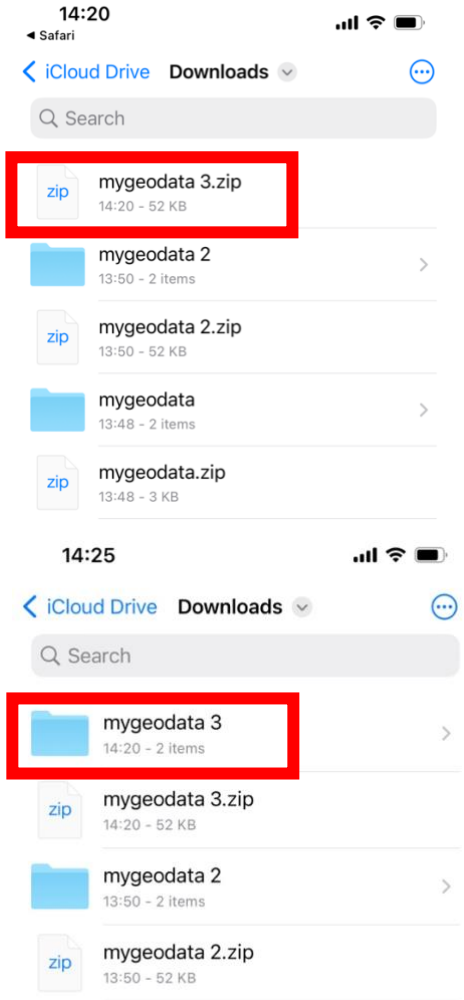
11. Once download is completed. Go to downloaded files here



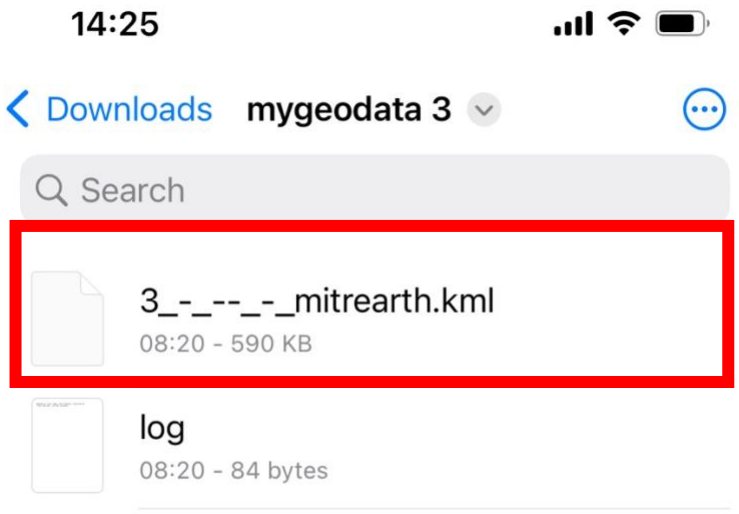
12. Press at the file



13. Since the file is downloaded in zip format. Press at the file to unzip. Then go inside the folder

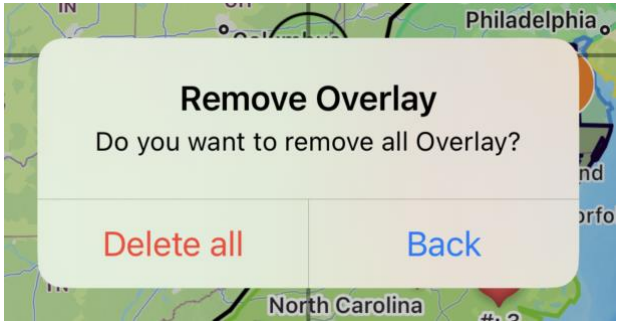


14. Your .kml file is ready. Please follow **13.3.2 How to open downloaded .kml file (Page - 74 -)** , to import .kml file



13.4. Remove Overlays

- Press “**Remove Overlay**” button to open prompt screen



- Press delete all to delete all previously imported overlays/pins

Note: Coordinates pins placed by other menus are not affected. You may remove those pins manually through another screen.

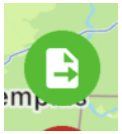
13.5. Export .kml file

Very important!

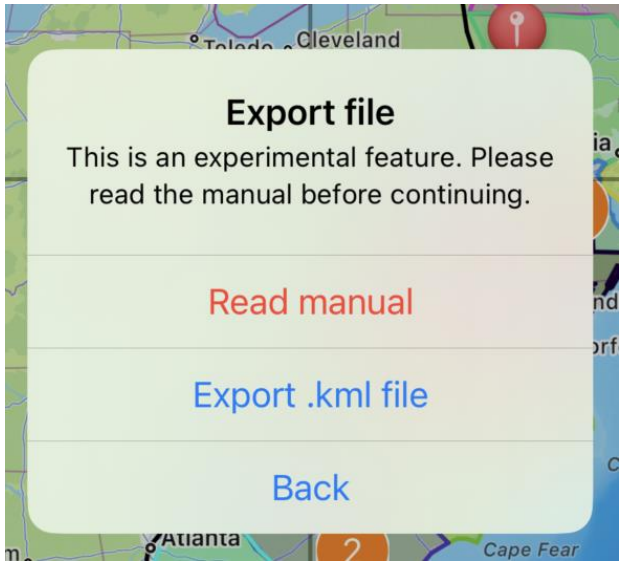
In order to export every pin correctly. You must change the pin display mode back to "Old Style" before continue

- Go to the setting menu (Wrench button on the bottom right) -> **Pin Display** section
- Change to "**Old Style**"

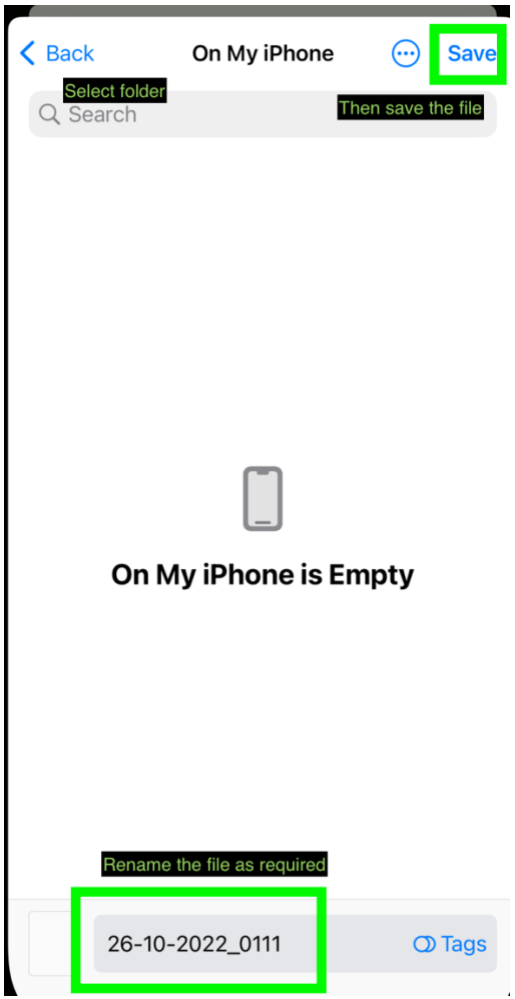
- **Completely close the app. Then re-open the app.**
- Then, press "**Export**" button to proceed



- Then select "**Export .kml file**"



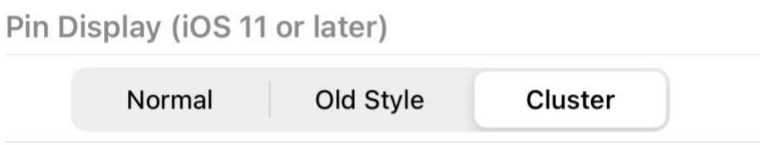
- Choose saving destination as required. Then save.
- You may later access the .kml though files app



Note: The color of each polygon will reset. Each will be randomly assigned a color.
Note2: All original placed coordinates points, .kml imported polygons, .kml imported polylines, .kml imported pins all will be combined and saved in the new .kml file.
Note3: If you are using the app with a device language other than supported by the coordinates app. "My location" pin may appear in the result. Please double-check and edit the file manually.

13.6. Limitations

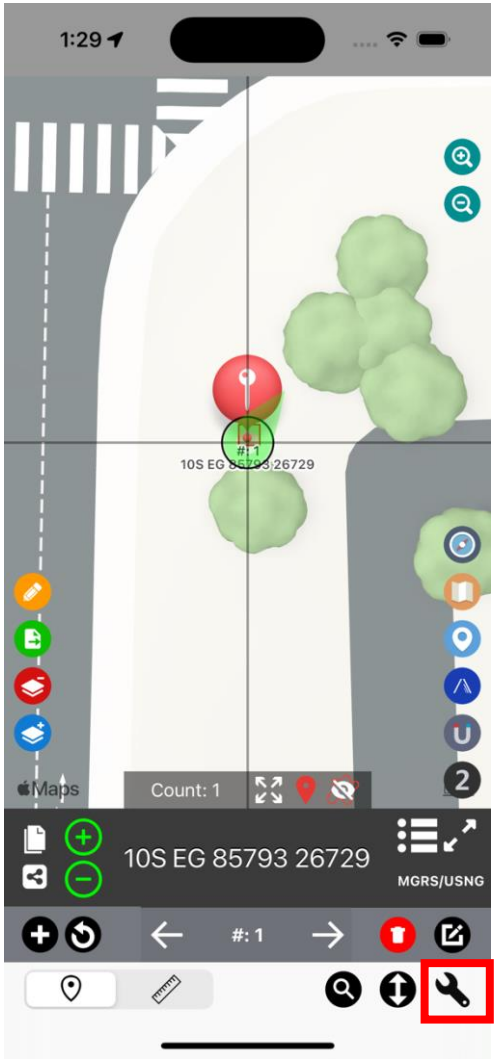
- **These overlays will only display momentarily, it won't be saved alongside the original coordinates pins placed in the app.** Once you reset the app or close the screen. You will need to re-import them.
- Currently, only vector .kml file is supported. Raster images will not display inside the app.
- Icon images are not included in .kml file.
- With some workarounds, it is possible to import **.kmz** or **.shp** files too, but you will first need to convert them to a .kml file first. You may do it here.
    - KMZ to KML - https://mygeodata.cloud/converter/kmz-to-kml
    - SHP to KML - https://mygeodata.cloud/converter/shp-to-kml
- For .kmz file. It is possible to convert the file to .kml without 3rd party tool. Just decompress the file to get .kml file by changing .kmz file extension to .zip then unzip the file. (**Please see 13.3.3 (Extra) How to open .kmz file Page 76)13.3.3**
- For .shp file do not forgot to upload also associated .dbf and .shx files (and if available also .prj and .cpg files)
- If you can't see the imported overlay. You may have to manually zoom in on the map to see overlays.
- If your .kml file doesn't work at all. You can try importing it to KMZ to KML converter and use that export file and try again. If it still doesn't work. Please double-check check syntax of the files following the examples provided above.
- Sometimes, pins that are imported through .kml files are grouped together. You can try changing the pin display mode back to "Old Style" for better visibility
    - Go to the setting menu (Wrench button on the bottom right) -> Pin Display section
    - Change to the desired mode



    - Completely close the app. Then re-open the app.

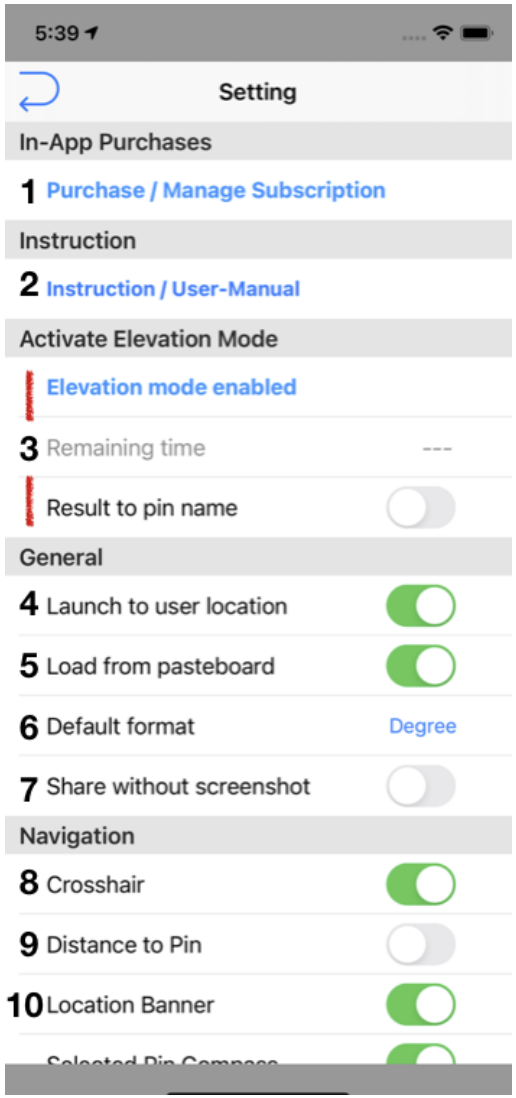
- As always, if you have any suggestions. Or would like to fire bug report. Please feel free to send a message here https://mapnitude.com/support

14. Setting



14.1. Access

Press “Setting” ( ) button to access setting menu.



14.2. Setting 1

Press **"Wrench"** button to access setting menu

1. You may purchase / manage optional subscription to remove ads from this application by pressing **“Purchase / Manage Subscription”** button.

2. Read Instruction. https://mapnitude.com/coordinates

3. (Elevation section was explained in **Section 13, 13.1**)

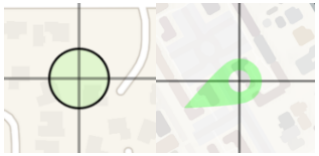
4. Turn this option on to move at to current location when launching the app.

5. Turn this option on to load supported coordinates from pasteboard (clipboard) from your device. For example use case: Copy **10.50,68.50** from other app. and reopen Coordinates app. App will ask to move to copied location

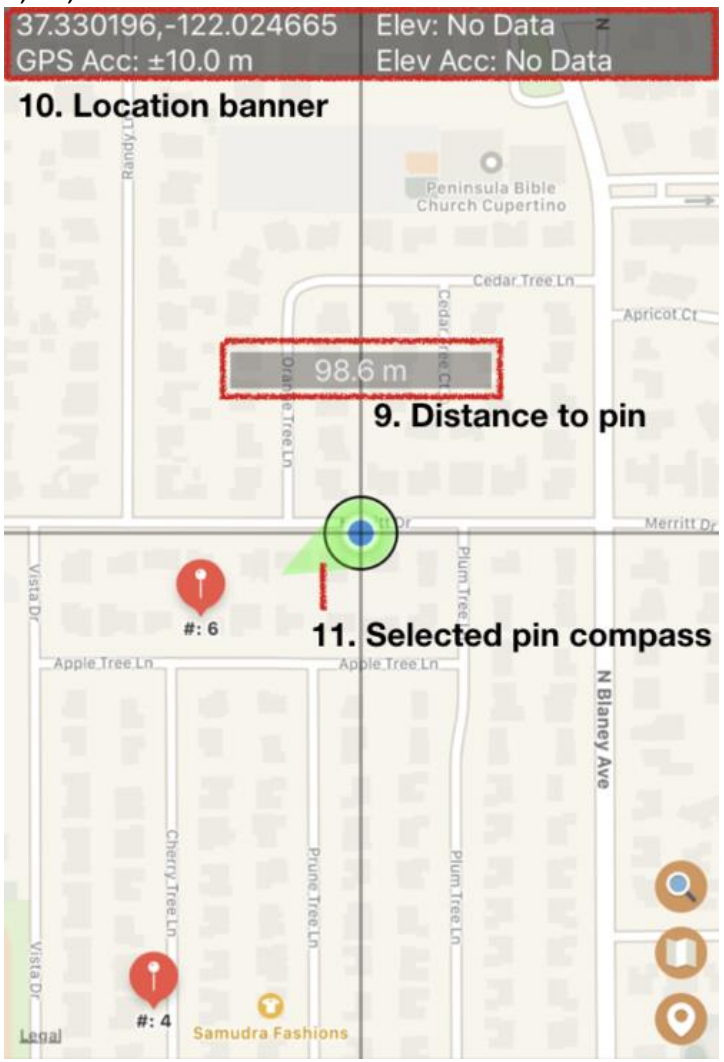
6. Select default coordinates format. App will use this coordinates type at launch

7. Turn this option on to disable app from sharing screenshot along with coordinates.

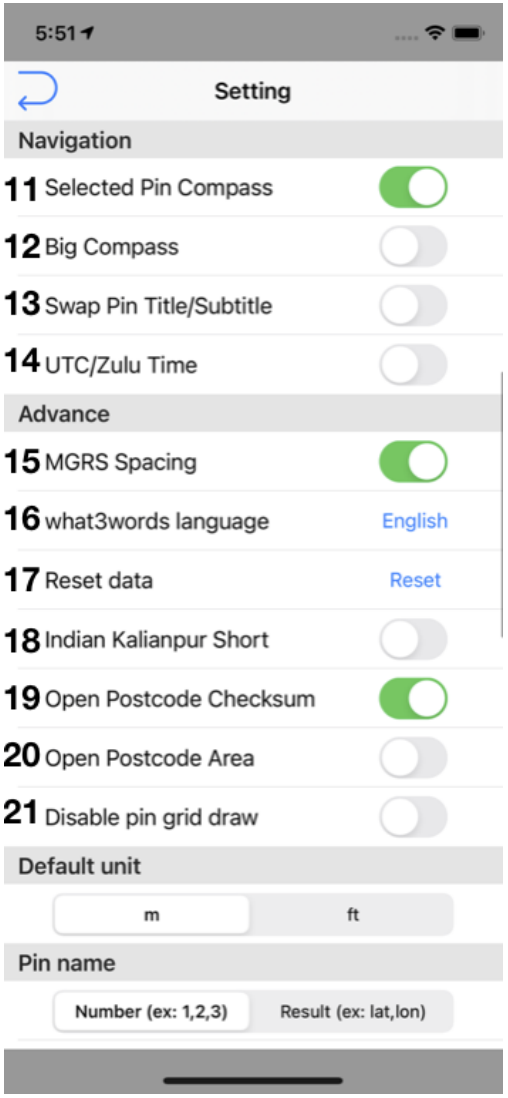
8. Turn on or off crosshair on the map view.



9, 10, 11



Selected Pin Compass will only shown when tracking mode is active.

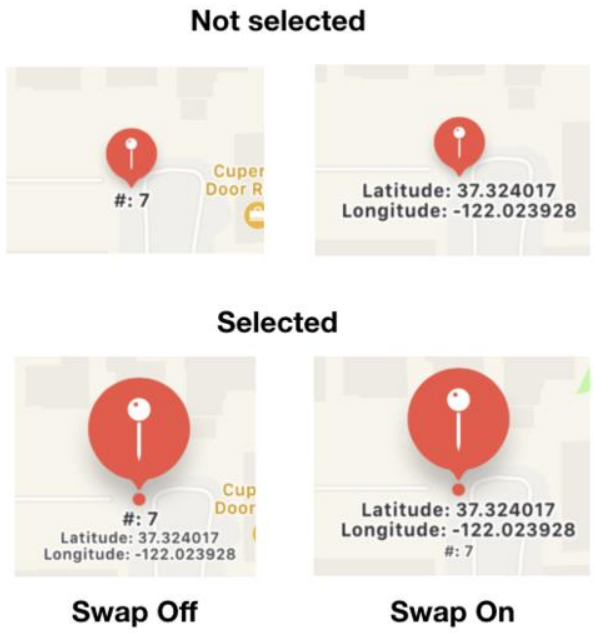


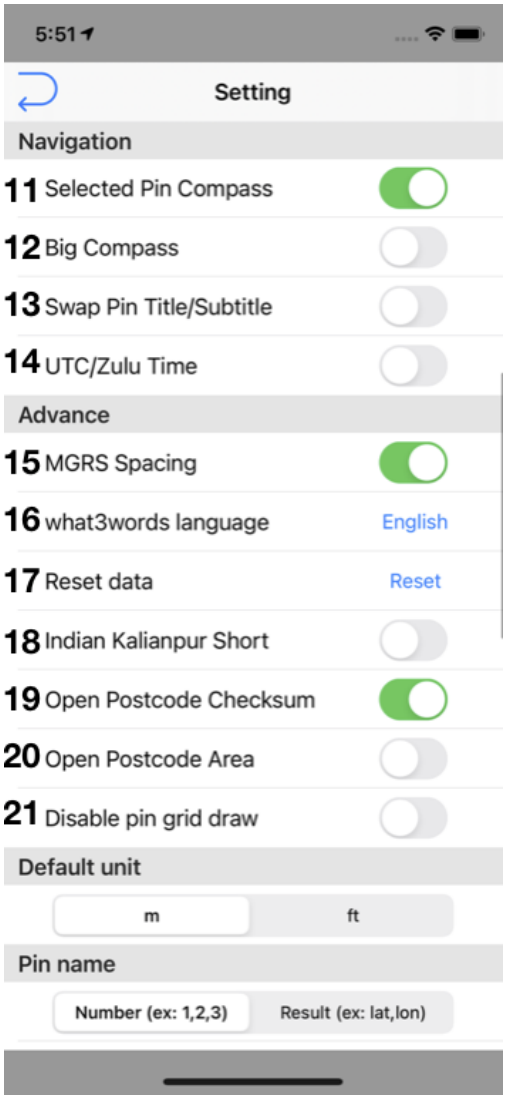
14.3. Setting 2

11 Enable/Disable Selected Pin compass. Check Page 88 for more information about Selected Pin Compass- 93 -

12 Force On-Screen Compass to show at every app launch. Check 10.6 On-screen compass

13. Swap Pin Title/Subtitle
Please check diagram below





14.4. Setting 3

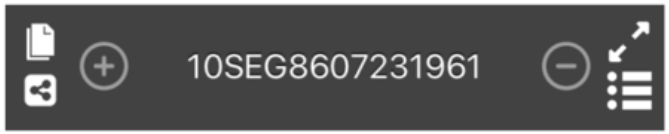
14. UTC/Zulu Time

Zulu off

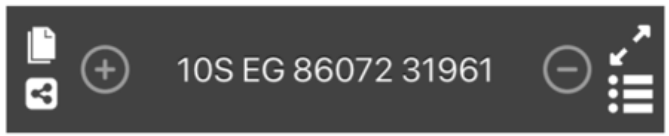
Zulu on

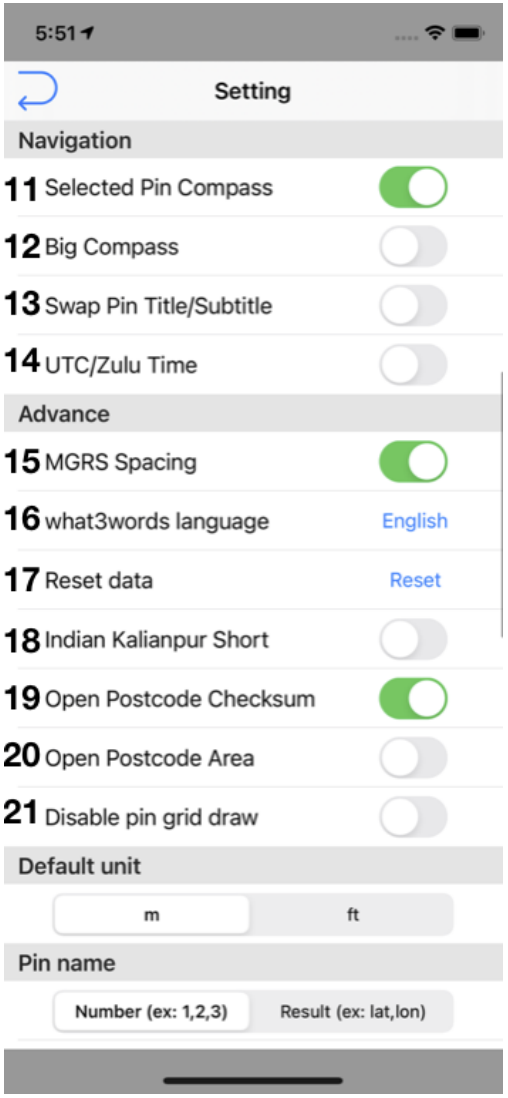
15. MGRS Spacing

MGRS Spacing off



MGRS Spacing on





14.5. Setting 4

16. Change what3words languages

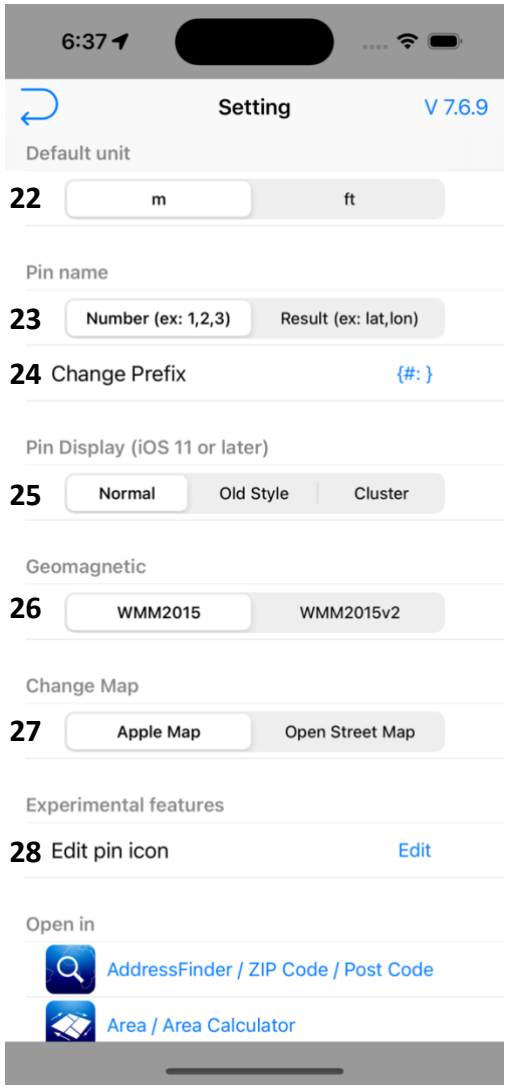
17. Reset Data
Press “Reset” to remove all coordinates data. Including one saved in a list

18. Switch between Indian Kalianpur 1975 short and long form
ON: XX 34567 34567
OFF: XX 1234567 1234567

19. Open Postcode Checksum
ON: 7K7FW/M
OFF: 7K7FW

20 Open Postcode Dash
ON: World K259X-JX7/8
OFF: World K259XJX7/8

21 Disable Grid Draw

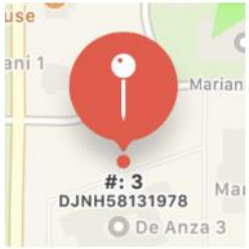


14.6. Setting 5

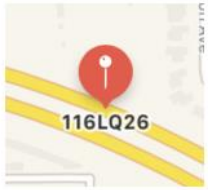
22. Change unit: Effect UTM and Elevation results

23. Set pin name

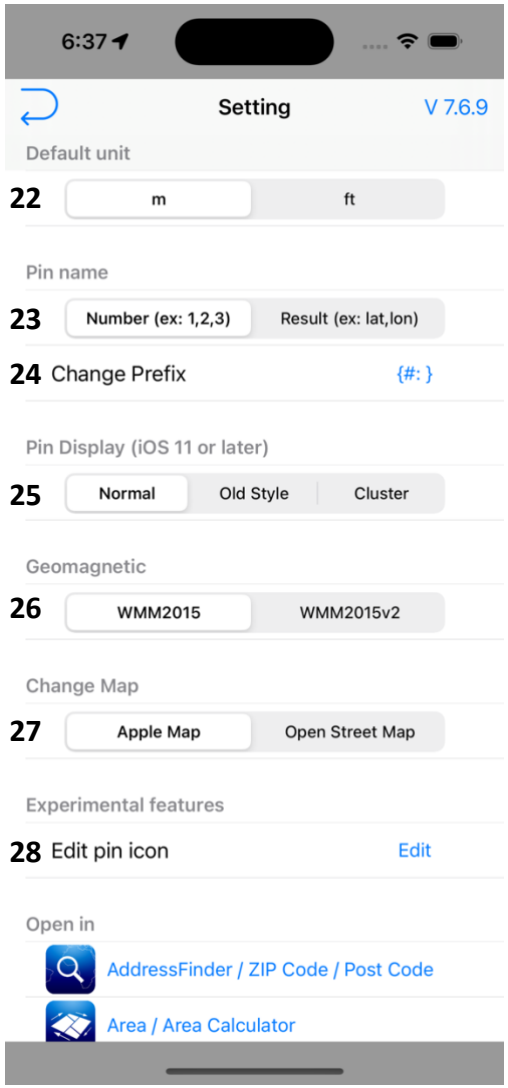
- Number with Prefix
- Result as pin name) it will appear as single unless changed in list menu



Number

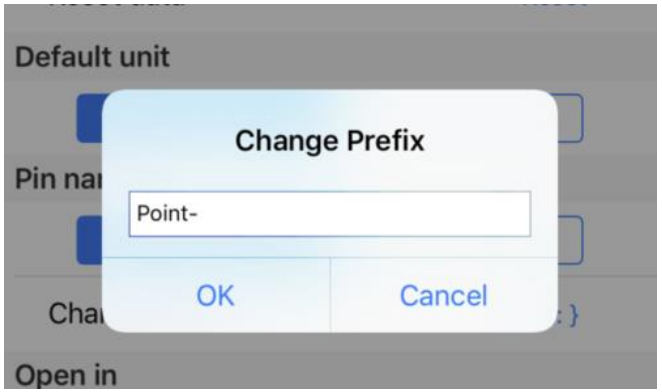


Result



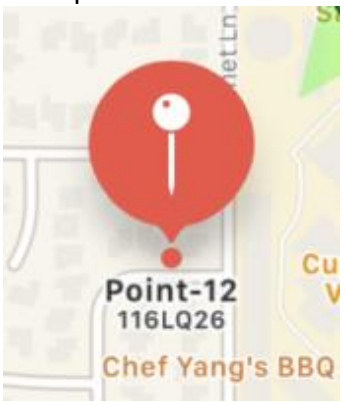
14.7. Setting 6

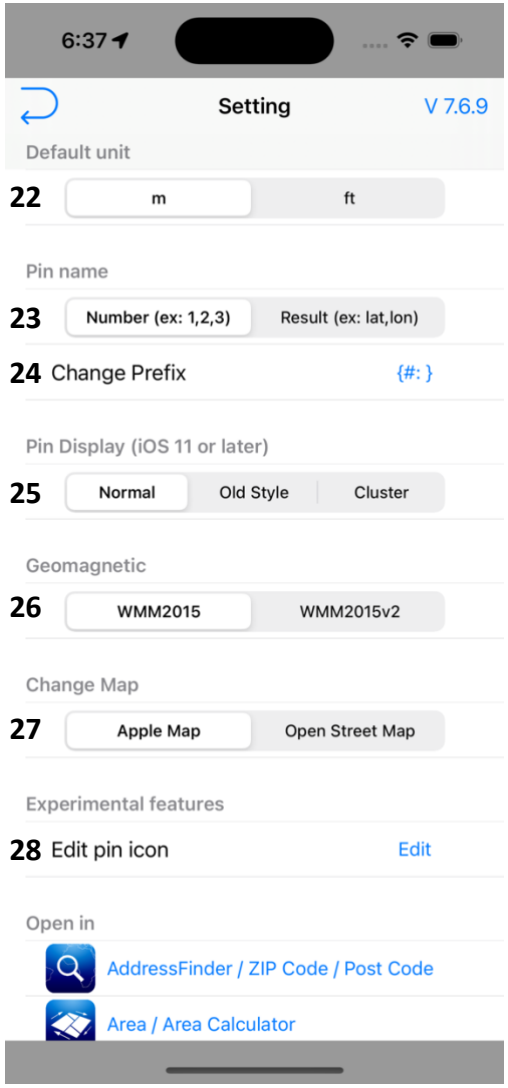
24. Change prefix when “Number” is selected as pin name



Make sure you add extra space character **“ “** if required

Example:





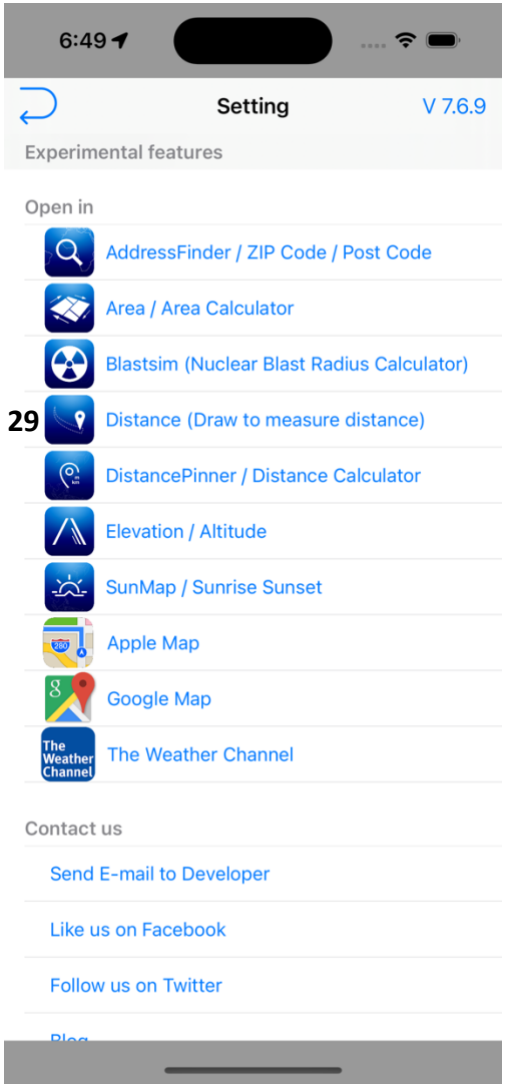
14.8. Setting 7

25. Pin Display Mode

26. Switch between World Geomagnetic Model:
WMM2015 (Dec 2014),
WMM2015v2 (Sep 2018 in response to unexpected secular variation in the north polar region)

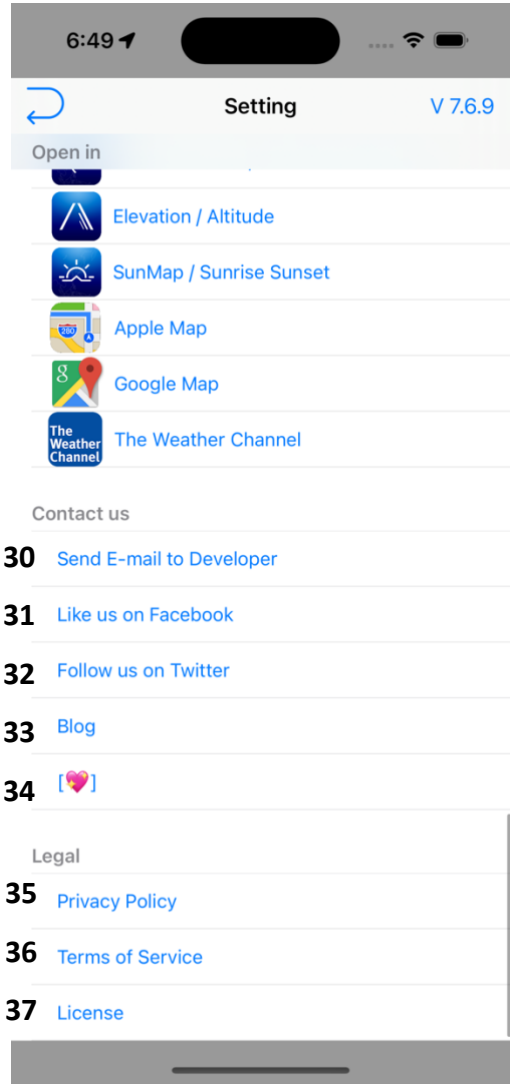
27. Switch between Apple Map and Open Street Map

28. Edit custom pin icons.



14.9. Setting 8

29. Open center coordinates in different apps.



14.10. Setting 9

30. Send email to developer

Alternatively, you can send a message us through these channels.

https://mapnitude.com/support
support@mapnitude.com

Please feel free to talk to us regarding app update feature suggestion, bug reports, etc.

31. Go to our Facebook page.
https://www.facebook.com/mapnitudeapps/

32. Go to our Twtter.
https://twitter.com/mapnitude

33. Read our blog. We are mostly active here.
https://mapnitude.com/blog

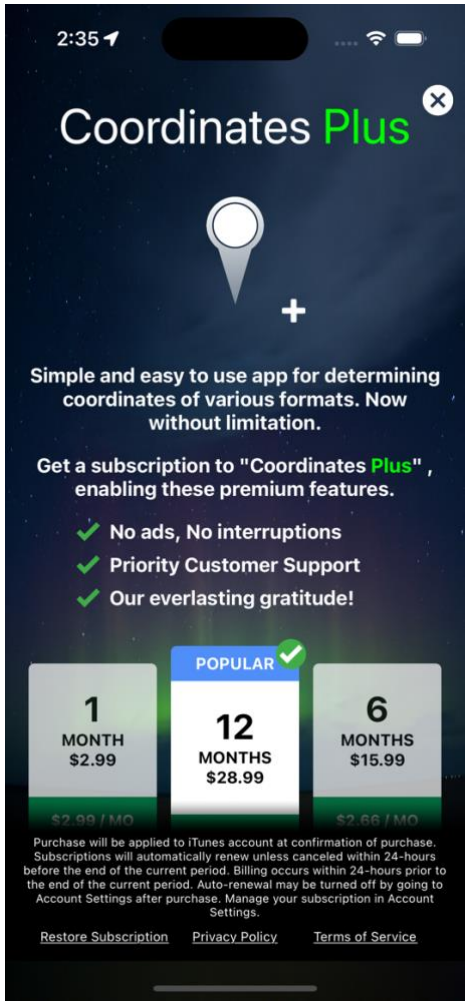
34. Tweet to us

35. Privacy Policy
https://mapnitude.com/privacy-policy

36. Teams of Service
https://mapnitude.com/terms-of-service

37. App License

15. Subscription

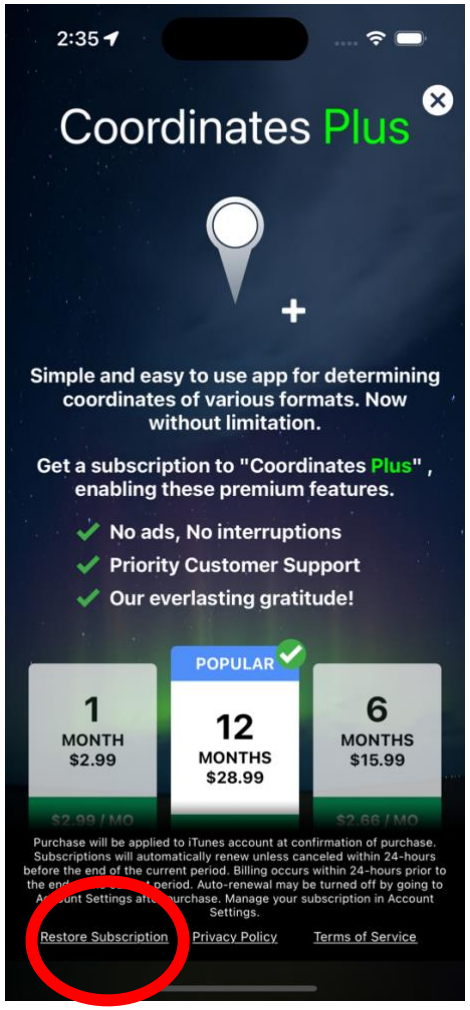


15.1. Purchase for subscription

If you would like to upgrade your app experience and remove ads, you can purchase a subscription. To do so, follow these steps:

1. Access app setting by pressing on “**Setting**” (**)** button
2. Tap on the "**Purchase/Manage Subscription**" option in the setting menu.
3. Review the subscription options and select the one that you prefer.
4. Tap on the "**Continue**" button to begin the purchase process.
5. Follow the prompts to enter your payment information and complete the purchase.

Please note that purchasing a subscription is optional and not required to use the app. All features of the app are available to all users, whether or not they have purchased a subscription.



15.2. Restore subscription

If you have previously purchased a subscription and it has not yet expired, but ads are still appearing in the app, you can try to restore your subscription to remove the ads again by following these steps:

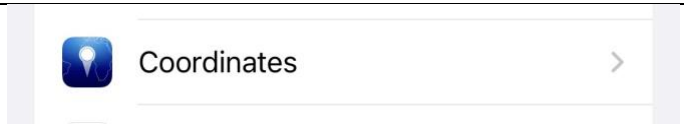
1. On the "**Purchase/Manage Subscription**" page, press the "**Restore Subscription**" button.

2. Login to the same Apple account that you used to purchase the subscription, then follow instructions.

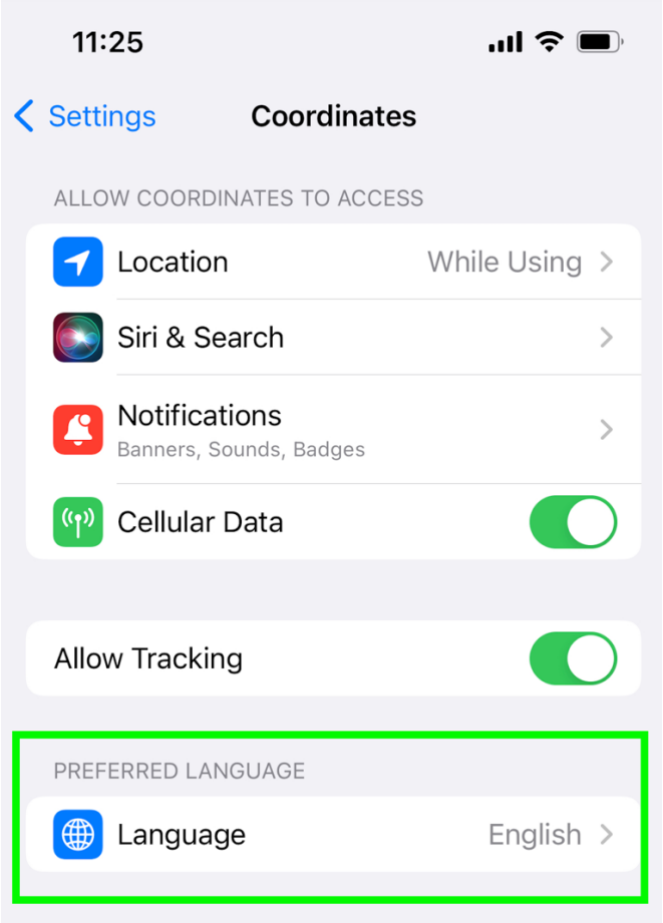
16. Troubleshooting

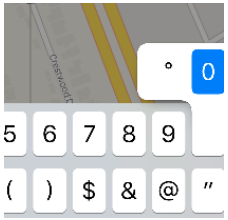
Most of the workaround are taken from https://mapnitude.com/faqs

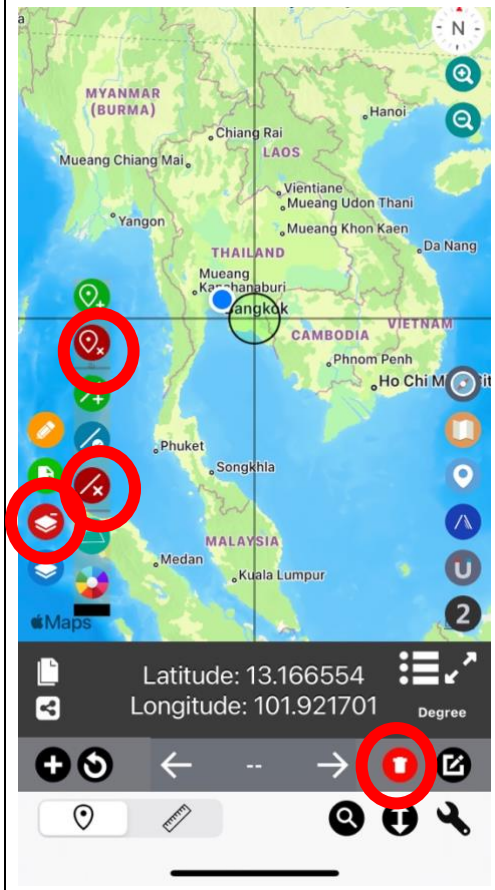
My app crash at launch	- If you don't have any important data, please try to reinstall the app. And then restore data from previously saved coordinates - Send us a message so we can help you identify issues. It is always recommended to make regular backup
The map contain false information. Cloud all over the place. Satellite image out of date.	Unfortunately we do not own these map data since they are provided by **Apple Map**. Please contact them directly if you have issue https://www.apple.com/feedback/maps_ios.html
I previously purchased the subscription, but the ads still appear on the app	Please see 15.2 **Restore subscription**
The app is in wrong language.	Some apps support multiple languages. However in some cases it may display wrong languages if your locale setting isn't set properly. Please do the following to fix this issue: **Method 1: (Recommended)** 1. Go to device's Settings / Scroll down until you see Coordinates app.



2. Change languages as required



	Method 2: Change device's language Go to device's Settings / General / International / Language 1. Select English or any other language you understand with as a secondary one. 2. Tap Done 3. Once the device's language has been changed, change it back to your main language.
There's translation error	Send us a message and we will fix it asap.
I would like to cancel subscription	Please follow this instruction https://support.apple.com/en-us/HT202039
How to type degree **"°"** symbol? **(Eg. from 34° 0' 0.0000'' N)**	 Hold '0' on iOS keyboard then the symbol will appear

Tried to remove all pin and lines but some of them still appearing	Press all these four buttons 
My App sometimes froze after loading large .kml file	This is known issue for iOS 16.1, Please update to iOS 16.2 or later

My GPS accuracy is bad	**Improving GPS accuracy**
	GPS accuracy varies depending on the number of visible GPS satellites. Locating all visible satellites can take several minutes, with accuracy gradually increasing over time.
	
	Use these tips to improve GPS accuracy:
	
	• Ensure the date, time, and time zone are correctly set on the device in **Settings > General > Date & Time**. If possible, use Set Automatically.
	  ○ **Important:** Incorrect settings on your computer can sync to your device. Verify the date, time, and time zone on any computer that syncs with your device.
	• Restart your device.
	• Verify that you have a cellular or Wi-Fi network connection. This allows the Assisted GPS (A-GPS) on the device to locate visible GPS satellites faster, in addition to providing initial location information using the Wi-Fi or cellular networks.
	  ○ **Note:** Microcells (sometimes called Femtocells) are not supported with Location Services.
	• Maintain a clear view of the horizon in several directions. Keep in mind that walls, vehicle roofs, tall buildings, mountains, and other obstructions can block line of sight to GPS satellites. When this occurs, your device will automatically use Wi-Fi or cellular networks to determine your position, until the GPS satellites are visible again.

17. List of supported coordinates

ID – ID Number
Short Name – Appears on button name
FullName – Appears in search bar
TypeID – For file export only

ID	Short Name	Full Name	TypeID
0	Degree	lat: dd.ddd lon: dd.ddd	DEGREE1
1	Degree 2	dd.ddd,dd.ddd	DEGREE2
2	Radian	N dd° mm' ss.sss" E dd° mm' ss.sss"	RADIAN1
3	Radian 2	dd° mm' ss" N dd° mm' ss" E	RADIAN2
4	Radian 3	dd° mm' ss.sss" dd° mm' ss.sss"	RADIAN3
5	Radian 4	dd mm.mmm, dd mm.mmm	RADIAN4
6	UTM	UTM	UTM0001
7	NATO UTM	NATO UTM	NATOUTM
8	MGRS/USNG	MGRS/USNG	MGRS001
9	GEOREF	Georef	GEOREF1
10	QTH	QTH/Maidenhead/IARU	QTH0001
11	WorldM	World Mercator	WORLDM1
12	WebM	Web Mercator	WEBM001
13	GeoH	Geohash	GEOHASH
14	W3W	what3words	W3WORDS
15	GARS	Global Area Reference System [GARS]	GARS001
16	BNG	OS National Grid Reference [BNG]	BNG0001
17	OSGB36	EPSG:27700 / OSGB 1936 / British National Grid	OSGB36X
18	ISO 6709	ISO 6709	ISO6709
19	NAC	Natural Area Coding System	NACX001
20	Irish	Irish Grid Reference	IGR0001

21	IGC	Irish Grid Coordinates	IGC0001
22	RadMar	dd mm'.mmN\S, dd mm'.mmE\W	RADMAR1
23	Plus_full	Plus Code (Full)	OLCFULL
24	Plus	Plus Code	OLCSHOR
25	Mapcode	Mapcode	MAPCODE
26	UTM (Short)	UTM (Short)	UTM0002
27	Dutch Grid	Dutch Grid	DUTCHGR
28	ECEF	ECEF	ECEF001
29	K (Auto)	Indian Kalianpur 1975 (Auto)	INDAUTO
30	K 0	Indian Kalianpur 1975 0	IND0000
31	K IA	Indian Kalianpur 1975 IA	IND00IA
32	K IB	Indian Kalianpur 1975 IB	IND00IB
33	K IIA	Indian Kalianpur 1975 IIA	IND0IIA
34	K IIB	Indian Kalianpur 1975 IIB	IND0IIB
35	K IIIA	Indian Kalianpur 1975 IIIA	INDIIIA
36	K IIIB	Indian Kalianpur 1975 IIIB	INDIIIB
37	K IVA	Indian Kalianpur 1975 IVA	IND0IVA
38	K IVB	Indian Kalianpur 1975 IVB	IND0IVB
39	OPC_A	Open Postcode (Auto)	OPCAUTO
40	OPC_W	Open Postcode (World)	OPCWORL
41	GEOH36	Geohash-36	GEOHA36
42	GTM	Guatemala GTM	GTM0001
43	RT90	RT 90	RT90XXX
44	SWEREF99	EPSG:3006 / SWEREF 99	SWEREF9
45	Radian 5	Ndd° mm.mmm Edd° mm.mmm	RADIAN5
46	UTMTH	UTM (Thai)	UTM00TH
47	Radian 6	ddd°mm’.mmN ddd°mm’.mmE	RADIAN6
48	QND95	QND95 / Qatar National Grid	QND95XX
49	Indian 1975	EPSG:4240 / Indian 1975	IND1975

50	IRENET95	EPSG:2157 / IRENET95 / Irish Transverse Mercator	IRENETX
51	KOSOVAREF01	SR-ORG:7392 / KOSOVAREF01	KOSOVAR
52	HD72	EPSG:23700 / HD72 / EOV	HD72EOV
53	Kertau	Kertau (RSO) / RSO Malaya (m)	KERTAUR
54	Timbalai	Timbalai 1948 / RSO Borneo (m)	TIMBALA
55	EST97	Estonian 1997	EST97XX
56	LKS92	EPSG:3059 / LKS92 / Latvia TM	LKS92XX
57	NZGD49	NZGD49 / NZMG	NZGD49X
58	NZGD2000	EPSG:2193 / NZGD2000 / NZTM	NZGS200
59	CH1903	EPSG:21781 / Swiss CH1903 / LV03	CH1903X
60	CH1903+	EPSG:2056 / Swiss CH1903+ / LV95	CH1903P
61	GGRS87	EPSG:2100 / GGRS87 / Greek Grid	GGRS87X
62	ETRS89	EPSG:3035 / ETRS89-extended / LAEA Europe	ETRS89X
63	NTF (Paris)	NTF (Paris) / Lambert zone II	NTFPARIS
64	DFCI	French DFCI Grid	DFCI000
65	ARINC	ARINC 424	ARIN424
66	FMS	FMS	FMSXXXX
67	DEGFLI	N00000 E000000	DEGFLIG
68	ARC1950	Arc 1950	ARC1950
69	A50Z34S	Arc 1950 / UTM zone 34S	A50Z34S
70	A50Z35S	Arc 1950 / UTM zone 35S	A50Z35S
71	A50Z36S	Arc 1950 / UTM zone 36S	A50Z36S
72	Albanian 1987	EPSG:2462 / Albanian 1987 / Gauss-Kruger zone 4	ALB1987
73	AS 1962	EPSG:3102 / American Samoa 1962 / American Samoa Lambert	ASA1962
74	NAD832S	EPSG:2195 / NAD83(HARN) / UTM zone 2S	NAD832S
75	Ang1957	EPSG:2000 / Anguilla 1957 / British West Indies Grid	ANG1957
76	Ant1943	EPSG:2001 / Antigua 1943 / British West Indies Grid	ANT1943
77	EPSG:24819	EPSG:24819 / PSAD56 / UTM zone 19N	EP24819
78	EPSG:2317	EPSG:2317 / PSAD56 / ICN Regional	EPS2317

79	GDA94GAL	EPSG:3112 / GDA94 / Geoscience Australia Lambert	GDA94GA
80	GDA94AA	EPSG:3577 / GDA94 / Australian Albers	GDA94AA
81	ETRS89AL	EPSG:3416 / ETRS89 / Austria Lambert	ETRS89A
82	Bahrain	EPSG:20499 / Ain el Abd / Bahrain Grid	BAHRAIN
83	ETRS89/TM93	EPSG:25884 / ETRS89 / TM Baltic93	ETRS89T
84	GULS303	EPSG:3106 / Gulshan 303 / Bangladesh Transverse Mercator	GULS303
85	Bar1938	EPSG:21292 / Barbados 1938 / Barbados National Grid	BAR1938
86	BEL2008	EPSG:3812 / ETRS89 / Belgian Lambert 2008	BEL2008
87	BEL1972	EPSG:31370 / Belge 1972 / Belgian Lambert 72	BEL1972
88	SIB1922	EPSG:5589 / Sibun Gorge 1922 / Colony Grid	SIB1922
89	BDA2000	EPSG:3770 / BDA2000 / Bermuda 2000 National Grid	BDA2000
90	DRUKREF	EPSG:5266 / DRUKREF 03 / Bhutan National Grid	DRUKREF
91	SAD69(96)	EPSG:5530 / SAD69(96) / Brazil Polyconic	SAD6996
92	PUER20N	EPSG:3920 / Puerto Rico / UTM zone 20N	PUER20N
93	GDBD2009	EPSG:5247 / GDBD2009 / Brunei BRSO	BRUBRSO
94	NAD83CA	EPSG:3978 / NAD83 / Canada Atlas Lambert	NAD83CA
95	NAD83SC	EPSG:3347 / NAD83 / Statistics Canada Lambert	NAD83SC
96	CAPEVER	EPSG:4826 / WGS 84 / Cape Verde National	CAPEVER
97	CRTM05	EPSG:5367 / CR05 / CRTM05	CRTM05X
98	HTRS96LCC	EPSG:3766 / HTRS96 / Croatia LCC	HTRS96L
99	HTRS96TM	EPSG:3765 / HTRS96 / Croatia TM	HTRS96T
100	Krovak	EPSG:5513 / S-JTSK / Krovak	KROVAKX
101	DOM1945	EPSG:2002 / Dominica 1945 / British West Indies Grid	DOM1945
102	OCO1935	EPSG:5460 / Ocotepeque 1935 / El Salvador Lambert	OCO1935
103	MASU37N	EPSG:26237 / Massawa / UTM zone 37N	MASU37N
104	EST1997	EPSG:3301 / Estonian Coordinate System of 1997	EST1997
105	ETRS89FTM	EPSG:5316 / ETRS89 / Faroe TM	ETRSFTM
106	Fiji 1986	EPSG:3460 / Fiji 1986 / Fiji Map Grid	FIJ1986
107	ETRS89FIN	EPSG:3067 / ETRS89 / TM35FIN(E,N) -- Finland	ETRSFIN

108	RGF93	EPSG:2154 / RGF93 / Lambert-93 -- France	RGF93XX
109	GAB2011	EPSG:5523 / WGS 84 / Gabon TM 2011	GAB2011
110	Gabon TM	EPSG:5223 / WGS 84 / Gabon TM	GABONTM
111	ETRSGER	EPSG:5243 / ETRS89 / LCC Germany (E-N)	ETRSGER
112	GHANAMG	EPSG:25000 / Leigon / Ghana Metre Grid	GHANAMG
113	EPSG GPS	EPSG:5938 / WGS 84 / EPSG Greenland Polar Stereographic	EPSGGPS
114	GRE 1953	EPSG:2003 / Grenada 1953 / British West Indies Grid	GRE1953
115	RRAF 1991	EPSG:4559 / RRAF 1991 / UTM zone 20N	RRA1991
116	Guam Grid	EPSG:4414 / NAD83(HARN) / Guam Map Grid	GUAMGRI
117	Bissau	EPSG:2095 / Bissau / UTM zone 28N	BISSAUX
118	HK1980	EPSG:2326 / Hong Kong 1980 Grid System	HK1980G
119	ISN2004	EPSG:5325 / ISN2004 / Lambert 2004	ISN2004
120	ED50IGR	EPSG:3893 / ED50 / Iraq National Grid	ED50IGR
121	KAR1979	EPSG:6646 / Karbala 1979 / Iraq National Grid	KAR1979
122	ISR1993	EPSG:2039 / Israel 1993 / Israeli TM Grid	ISR1993
123	JAD2001	EPSG:3448 / JAD2001 / Jamaica Metric Grid	JAD2001
124	ED50JDM	EPSG:3066 / ED50 / Jordan TM	ED50JDM
125	KOCLAMB	EPSG:24600 / KOC Lambert	KOCLAMB
126	EPSG:22780	EPSG:22780 / Deir ez Zor / Levant Stereographic	EP22780
127	EPSG:22770	EPSG:22770 / Deir ez Zor / Syria Lambert	EP22770
128	LGD2006	EPSG:3177 / LGD2006 / Libya TM	LGD2006
129	LKS94	EPSG:3346 / LKS94 / Lithuania TM	LKS94XX
130	LUX1930	EPSG:2169 / Luxembourg 1930 / Gauss	LUX1930
131	ARCU36S	EPSG:20936 / Arc 1950 / UTM zone 36S	ARCU36S
132	EPSG:29702	EPSG:29702 / Tananarive (Paris) / Laborde Grid approximation	EP29702
133	MOLDREF99	EPSG:4026 / MOLDREF99 / Moldova TM	MOLDREF
134	MON1958	EPSG:2004 / Montserrat 1958 / British West Indies Grid	MON1958
135	EPSG:28992	EPSG:28992 / Amersfoort / RD New -- Netherlands - Holland - Dutch	EP28992
136	RGNC91-93	EPSG:3163 / RGNC91-93 / Lambert New Caledonia	RGNC913

137	EPSG:3851	EPSG:3851 / NZGD2000 / NZCS2000	EPS3851
138	EPSG:28192	EPSG:28192 / Palestine 1923 / Palestine Belt	EP28192
139	EPSG:5469	EPSG:5469 / Panama-Colon 1911 / Panama Lambert	EPS5469
140	EPSG:5472	EPSG:5472 / Panama-Colon 1911 / Panama Polyconic	EPS5472
141	EPSG:3783	EPSG:3783 / Pitcairn 2006 / Pitcairn TM 2006	EPS3783
142	EPSG:2180	EPSG:2180 / ETRS89 / Poland CS92	EPS2180
143	EPSG:3763	EPSG:3763 / ETRS89 / Portugal TM06	EPS3763
144	EPSG:4437	EPSG:4437 / NAD83(NSRS2007) / Puerto Rico and Virgin Is.	EPS4437
145	EPSG:28600	EPSG:28600 / Qatar 1974 / Qatar National Grid	EP28600
146	EPSG:3844	EPSG:3844 / Pulkovo 1942(58) / Stereo70	EPS3844
147	EPSG:2005	EPSG:2005 / St. Kitts 1955 / British West Indies Grid	EPS2005
148	EPSG:2006	EPSG:2006 / St. Lucia 1955 / British West Indies Grid	EPS2006
149	RGSPM06	EPSG:4467 / RGSPM06 / UTM zone 21N	RGSPM06
150	EPSG:2007	EPSG:2007 / St. Vincent 45 / British West Indies Grid	EPS2007
151	EPSG:2318	EPSG:2318 / Ain el Abd / Aramco Lambert	EPS2318
152	EPSG:31028	EPSG:31028 / Yoff / UTM zone 28N	EP31028
153	EPSG:3414	EPSG:3414 / SVY21 / Singapore TM	EPS3414
154	EPSG:3794	EPSG:3794 / Slovenia 1996 / Slovene National Grid	EPS3794
155	EPSG:5179	EPSG:5179 / Korea 2000 / Unified CS	EPS5179
156	EPSG:2062	EPSG:2062 / Madrid 1870 (Madrid) / Spain	EPS2062
157	EPSG:5234	EPSG:5234 / Kandawala / Sri Lanka Grid	EPS5234
158	EPSG:5235	EPSG:5235 / SLD99 / Sri Lanka Grid 1999	EPS5235
159	EPSG:31121	EPSG:31121 / Zanderij / UTM zone 21N	EP31121
160	EPSG:3829	EPSG:3829 / Hu Tzu Shan 1950 / UTM zone 51N	EPS3829
161	EPSG:25231	EPSG:25231 / Lome / UTM zone 31N	EP25231
162	EPSG:5887	EPSG:5887 / TGD2005 / Tonga Map Grid	EPS5887
163	EPSG:2163	EPSG:2163 / US National Atlas Equal Area	EPS2163
164	Custom	Custom (Proj.4)	XXPROJ4
165	Address	Street Address	ADDRESS

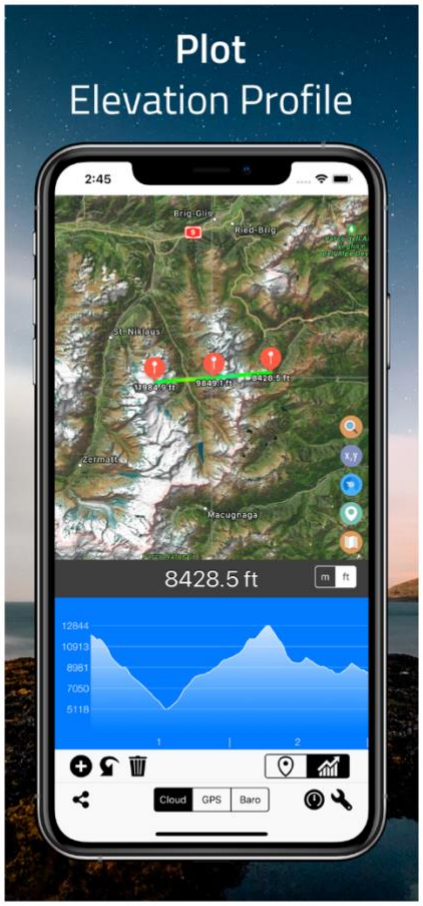
166	EPSG:3031	EPSG:3031 / WGS 84 / Antarctic Polar Stereographic	EPS3031
167	EPSG:3413	EPSG:3413 / WGS 84 / NSIDC Sea Ice Polar Stereographic North	EPS3413
168	EPSG:4284	EPSG:4284 / Pulkovo 1942 / SK42 / CK-42	EPS4284
169	EPSG:4923	EPSG:4923 / PZ-90 / ПЗ-90	EPS4923
170	EPSG:4267	EPSG:4267 / NAD27	EPS4267
171	EPSG:4326	EPSG:4326 / WGS84	EPS4326
172	H3	H3	H300001
173	Placekey	Placekey	PLACEKE
174	EPSG:4920	EPSG:4920 / GDM2000	EPS4920
175	EPSG:3375	EPSG:3375 / GDM2000 / Peninsula RSO	EPS3375
176	EPSG:3376	EPSG:3376 / GDM2000 / East Malaysia BRSO	EPS3376
177	EPSG:3167	Kertau (RSO) / RSO Malaya (ch)	EPS3167
178	EPSG:29871	Timbalai 1948 / RSO Borneo (ch)	EP29871
179	EPSG:29872	Timbalai 1948 / RSO Borneo (ftSe)	EP29872

18. Other apps my Mapnitude

Please check links on the right for full list of apps.

iPhone/iPad
https://apps.apple.com/us/developer/mapnitude-company-limited/id473558784?see-all=i-phonei-pad-apps

Android
https://play.google.com/store/apps/developer?id=Mapnitude+Co.,+Ltd.



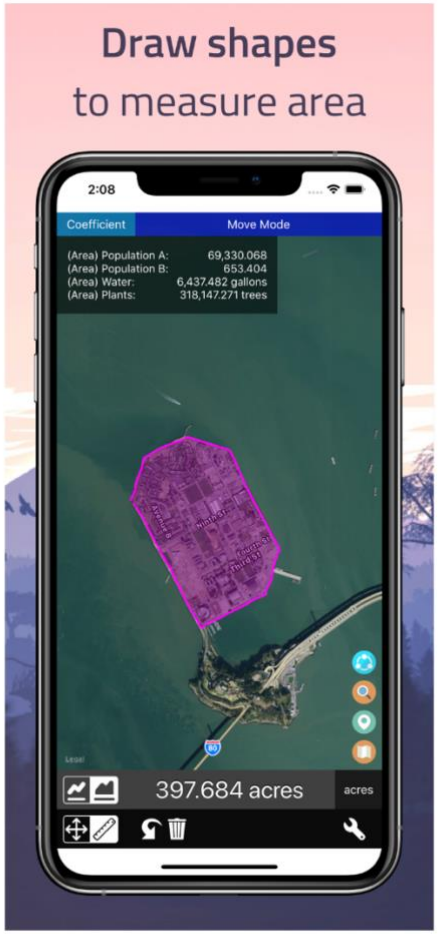
18.1. Elevation

Know your current elevation, altitude, height above sea level easy with this app.

Get elevation data from cloud, build-in GPS, or build-in barometer in your device. Use the app as standalone barometer, and much more!

App Store
https://itunes.apple.com/us/app/elevation-height-above-sea-level-altitude-map/id480740433

Google Play
https://play.google.com/store/apps/details?id=com.myice92.elevation



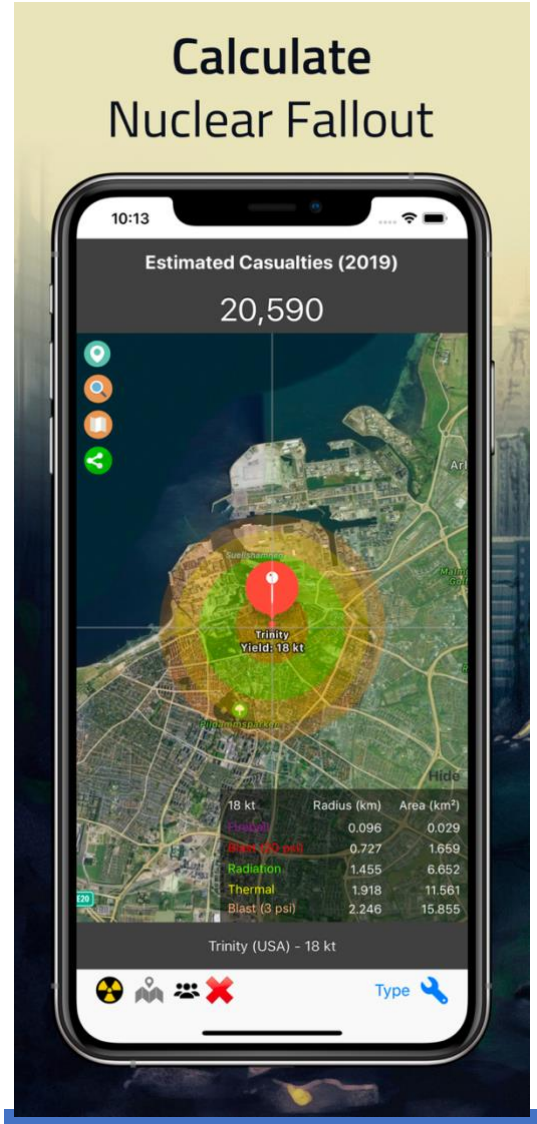
18.2. Distance

Draw to measure distance along the map, made easy with this app. Now with area measurement and custom coefficients.

By simply dragging on the screen. Draw a route on the map to find its distance. Magnifier will help you make precise drawing and measurement.

App Store
https://itunes.apple.com/us/app/distance-find-my-distance/id483591610

Google Play
https://play.google.com/store/apps/details?id=com.myice92.distance



18.3. BlastSim

Draw to measure distance along the map, made easy with this app. Now with area measurement and custom coefficients.

By simply dragging on the screen. Draw a route on the map to find its distance. Magnifier will help you make precise drawing and measurement.

App Store
https://apps.apple.com/us/app/blastsim/id1441173322?ls=1

Google Play
https://play.google.com/store/apps/details?id=com.myice92.blastsim

19. Contact Us

To contact us, you can use the in-app email feature or visit our website.

https://mapnitude.com/support

We appreciate all feedback and are always looking for ways to improve our app. If you have any questions, suggestions, or issues, please don't hesitate to send us a message. We will do our best to respond to your message as soon as possible.

We value your input and hope to work together to make our app the best it can be. Thank you for using our app!

20. Change Log

13 May 2023
1.0.5 – Add Extra – Get coordinates of existing location from Google Map App on iOS

17 Jan 2023
1.0.4 – Updated FAQ

17 Jan 2023
1.0.3 – Added .kmz conversion instruction

10 January 2023
1.0.2 – Fixed main screen diagram. Add missing draw on map link

10 January 2023
1.0.1 – First uploaded version

9 January 2023
1.0.0 – Document creation