

S1 Mobile Application V5.1 for Android

Public Viewer - Quick Reference Guide

Map View

GPS Position Bar:

- GPS position is displayed in Decimal Degrees, WGS84
 - Tap bar to change Coordinate System displayed
- Number of satellites used in position fix
- Estimated GPS accuracy is displayed in meters or feet (68% or 95% confidence)
- Coordinate Source of GPS

Map View:

- Map View is capable of displaying different layers at same time:
 - Base Map
 - Tracklogs
 - GeoTag Photos
 - S1 Waypoints
- Shows current GPS Position
- Adjust map orientation
- Auto rotate to device direction arrow, enable and lock

Activate GPS Button:

- Tap GPS button to activate GPS
 - Location will show on screen once button is tapped
 - GPS Position bar appears near top of map when GPS is activated
- GPS and Auto Pan: OFF
 GPS and Auto Pan: ON
 GPS button: ON and Auto Pan: OFF
 Bluetooth GPS and Auto Pan: ON

Collect Features Menu:

- Access this button when ready to collect new features
- Provides the ability to collect two different data types
 - Tracklogs
 - GeoTag Photos
 - Waypoints
- GeoTag Photos and S1 Waypoints can be managed from the Manage Map Layers Menu

Manage Map Layers Menu:

- This button provides access to Downloaded Maps, Tracklogs, GeoTag Photos, and S1 Waypoints
- Tracklogs, S1 Waypoints and GeoTag Photos can be toggled ON/OFF
- Downloaded maps can be switched out or deleted from the device

GPS Position:

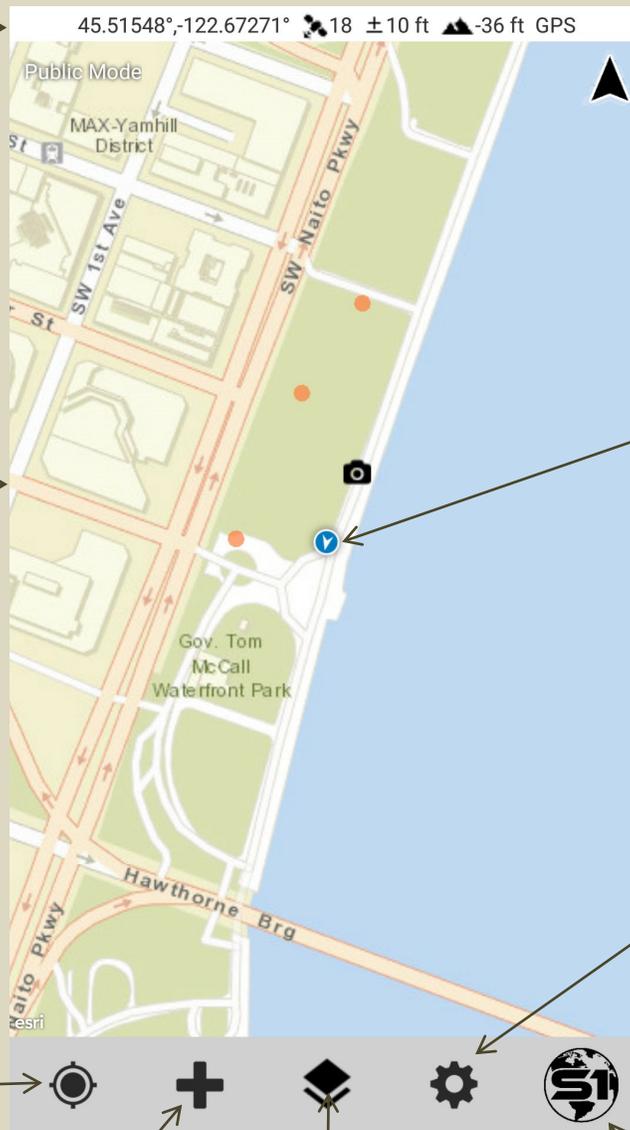
- GPS Position icon changes as satellite fix is acquired
- Map is centered on current GPS location (if Auto Pan GPS is on)
- GPS position on map without satellite fix
- GPS position on map with satellite fix
- Arrow within GPS position indicates direction of travel
- GPS accuracy is represented by a blue ring around current location

Tools/Options Menu:

- Tap button to open Tools/Options
- Options Menu
 - Number of Positions Averaged
 - Display Units: Metric or Statute
 - Navigation Alert Distance
 - Accuracy Level Display: 68% or 95% Confidence
 - Coordinate Units
 - Theme: Classic, BLM Theme, FS Theme
- Download Maps
- Connect to Bluetooth GPS
- Tools
 - Measure (Distance and Area)
 - Enter Coordinates

About S1 Mobile Application:

- Tap this button to display information about the S1 Mobile Android Application
 - Quick Help, Help, Feedback, About App, and Log On/Off



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Edit Mode

GPS Position Bar:

- GPS position is displayed in Decimal Degrees, WGS84
 - Tap bar to access additional coordinate systems
- Number of satellites used in position fix
- Estimated GPS accuracy is displayed in meters or feet (68% or 95% confidence)
- Coordinate Source of GPS

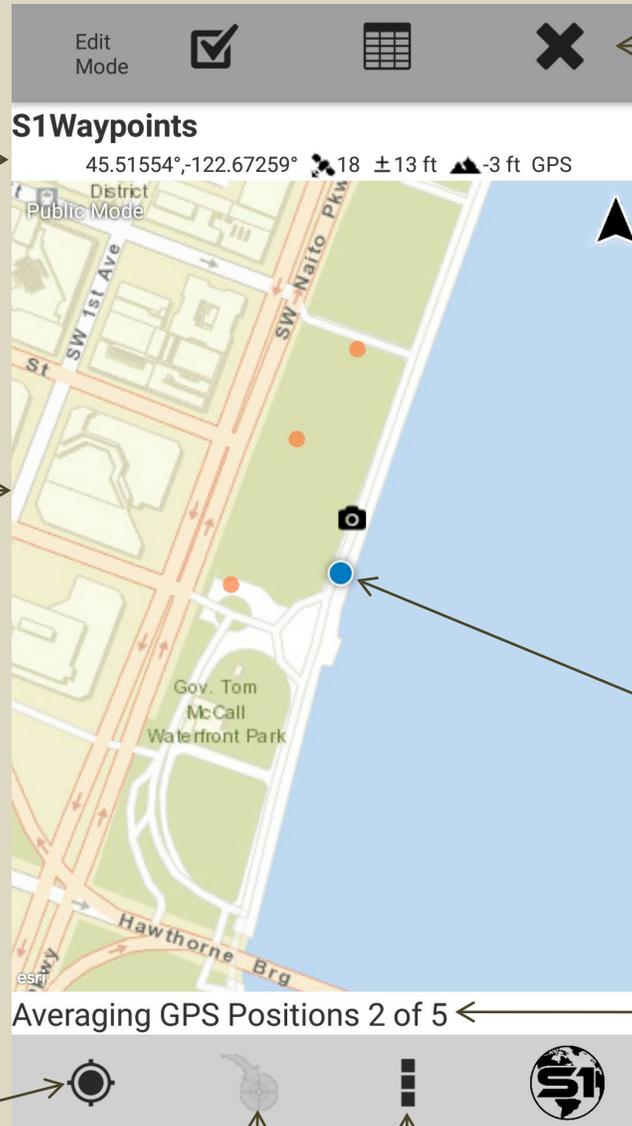
Map View:

- Map View is capable of displaying different layers at same time:
 - Base Map
 - Tracklogs
 - GeoTag Photos
 - Waypoints
- Shows current GPS Position
- Adjust map orientation

Activate GPS Button:

- Tap GPS button to activate GPS
- Location will show on screen once button is tapped
- GPS Position bar appears near top of map when GPS is activated

-  GPS and Auto Pan: OFF
-  GPS and Auto Pan: ON
-  GPS button: ON and Auto Pan: OFF
-  Bluetooth GPS and Auto Pan: ON



Edit Mode Toolbar:

- Submit Edit button allows feature to be saved
- Attribute View Toggle button allows user to switch between attribute form and map view
- Cancel button terminates the waypoint being collected (a warning asks if you are sure)

GPS Position:

- GPS Position icon changes as satellite fix is acquired
- Map is centered on current GPS location (if Auto Pan GPS is on)
-  GPS position on map without satellite fix
-  GPS position on map with satellite fix
-  Arrow within GPS position indicates direction of travel
-  GPS accuracy is represented by a blue ring around current location

Position Capture Status Bar

- Status bar reports the number of positions being collected for an S1 Waypoint

Begin Average GPS Point:

-  Average GPS button

Edit Options Menu:

- Options
 - Ability to access options menu while collecting a feature

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Select Mode



GPS Position Bar:

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Map View:

- Map View is capable of displaying different layers at same time:
 - Base Map
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- Shows current GPS Position

Activate GPS Button:

- Tap GPS button to activate GPS
- Location will show on screen once button is tapped
- GPS Position bar appears near top of map when GPS is activated

GPS and Auto Pan: OFF
 GPS and Auto Pan: ON
 GPS button: ON and Auto Pan: OFF
 Bluetooth GPS and Auto Pan: ON

Collect Features Menu:

- Access this button when ready to collect new features
- Provides the ability to collect data in different layers
 - Tracklogs
 - GeoTag Photos
 - Waypoints

Manage Map Layers Menu:

- This button provides access to downloaded Base Maps, Tracklogs, GeoTag Photos, and Waypoints
- Map content can be switched out, removed from the map view, or deleted from the device

Tools/Options Menu:

- Tap this button to open a menu for Options, Download Maps, Connect to Bluetooth GPS, and Tools

Select Mode Toolbar:

- Edit Feature button allows feature attributes/geometry to be edited
- Copy feature allows feature attribute/geometry to be copied to a new feature
- Delete Feature button deletes selected feature
- Navigate button will bring up a navigation window with distance and bearing to the selected feature
- Navigate directions will open Google Maps with directions to selected feature
- Tap off selected feature to unselect

Feature Bar:

- Text on Feature Bar indicates the name of the selected feature
- Swipe Feature Bar if multiple features are selected to cycle thru features
- Tap on Feature Bar to promote Feature Info display
- Feature Bar is only promoted when feature is selected

Selected Feature:

- Selected feature is symbolized with a blue/green box around border of feature
- Tap screen at another location to unselect the feature.

GPS Position:

- GPS Position icon changes as satellite fix is acquired
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GPS position on map without satellite fix
 GPS position on map with satellite fix
 Arrow within GPS position indicates direction of travel
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GPS Position in Map View

GPS Position: *without satellite fix*



GPS Position: *with satellite fix*



Arrow indicates direction of travel



Blue ring represents GPS accuracy



Application Toolbar

Activate GPS Button: *OFF*



Activate GPS Button: *ON*



GPS button: *ON* and Auto Pan: *OFF*



Activate Bluetooth GPS Button



Collect Features Menu



Manage Map Layers Menu



Tools/Option Menu



About S1 Mobile Application



Edit Tools

Average GPS Button



Undo Vertex Button



Options Menu



Edit Feature Button



Submit Edit Button



Attribute View Toggle Button



Navigation Button



Navigation Directions Button



Cancel Edit Button



Delete Feature Button



Map Download Tools

Download Button



Centers Map Extent on GPS Position



GeoTag Photo Tools

Share Location (*GeoTag Photo*)



Configure File Name (*GeoTag Photo*)



Capture GeoTag Photo (*GeoTag Photo*)



Auto Rotate Arrow



Lock Map Orientation

