

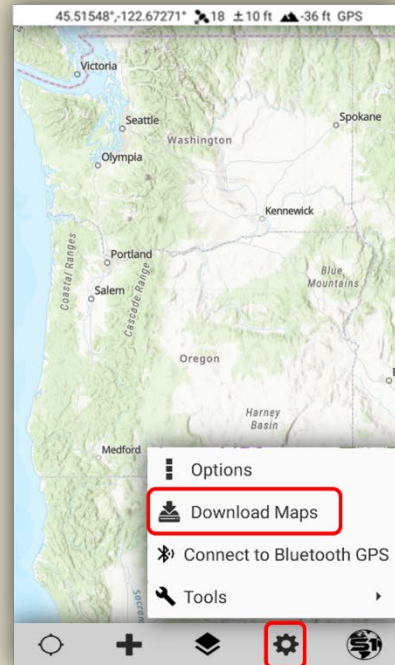
S1 Mobile Mapper Application 5.4 for Android

Public Viewer - Quick Reference Guide

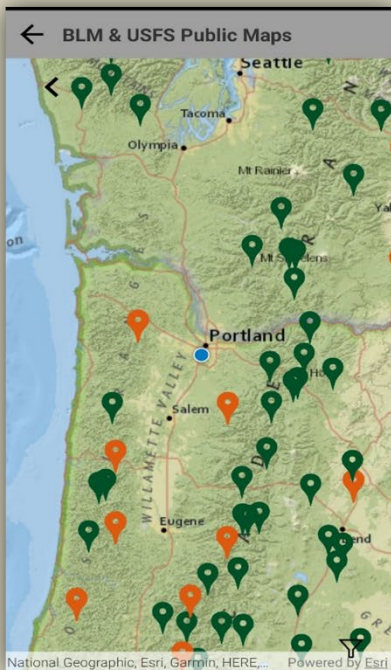
Start Here



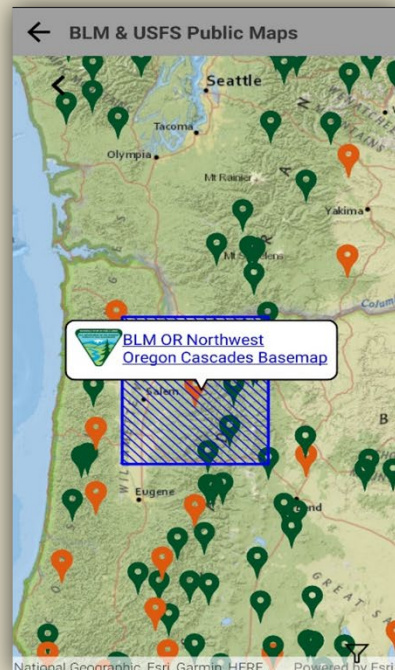
1. Open S1 Mobile Mapper App, then click on the Public Maps button. A Default map opens in the Map View window.



2. Pan to the location of interest, then tap the Tools/Options Button and select Download Maps.



3. Select a map pin. Orange is BLM and Green is USFS Public maps.



4. Tap on the pop-up window and download the Public Map selected in the Map View.

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Map View

GPS Status 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).
- Estimated elevation is displayed in meters or feet.
- Coordinate Source of GPS.

Map View:

- Map View can display:
 - Default Basemap
 - Tracklogs
 - S1 GeoTag Photos
 - S1 Waypoints
 - S1 Sketch
- Shows current GPS Position.
- North Arrow - adjust map orientation, enable navigation viewshed  or lock map view by long tap on the North Arrow.

Activate GPS Button:

- Tap GPS button to activate GPS.
- Location will show on screen once the button is tapped.
- GPS Status bar appears at the top of the map when the GPS is activated.

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

Create Features Menu:

- Provides the ability to collect Ad Hoc data:
 - Tracklogs
 - S1 GeoTag Photos
 - S1 Waypoints
 - S1 Sketches
- Ad Hoc data can be managed using the Manage Map Layers menu.





Manage Map Layers Menu:

- Manage Basemaps: Toggle on/off, Rearrange order, Delete, Zoom-To, & Transparency.
- Manage Tracklogs, S1 GeoTag Photos, S1 Waypoints, and S1 Sketches.

About S1 Mobile Application:

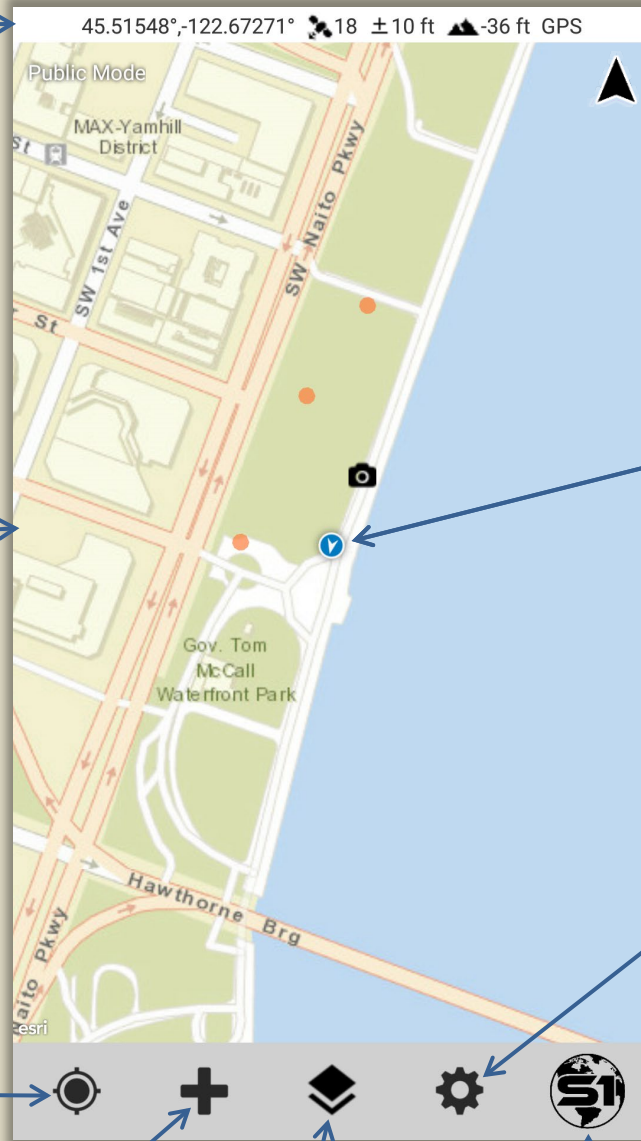
- Quick Help (This Document)
- Help (Public User Guide)
- Feedback
- S1 Log
- About
- Log In (to full service S1 App)

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:

- S1 Options Menu
 - Number of Average Positions
 - Snapping (toggle on/off)
 - Attachment Icon (toggle on/off)
 - Linear Units: Metric or Statute
 - Area Units: Metric or Statute
 - Navigation Alert Distance (xx)
 - Navigation Alert Distance Units
 - Accuracy Level Display: 68% or 95% Confidence
 - Coordinate Units
 - Theme: Classic, BLM Theme, FS Theme
 - Smart Forms (Toggle on/off)
- Download Agency Maps
- Connect to Bluetooth GPS
- Tools
 - Measure (Distance and Area)



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Edit Mode

GPS Status Bar:





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

Map View:

- Map View can display:
 - Default Basemap
 - Tracklogs
 - S1 GeoTag Photos
 - S1 Waypoints
 - S1 Sketch
- Shows current GPS Position.
- North Arrow - adjust map orientation, enable navigation viewshed  or lock map view by long tap on the North Arrow.

Activate GPS Button:

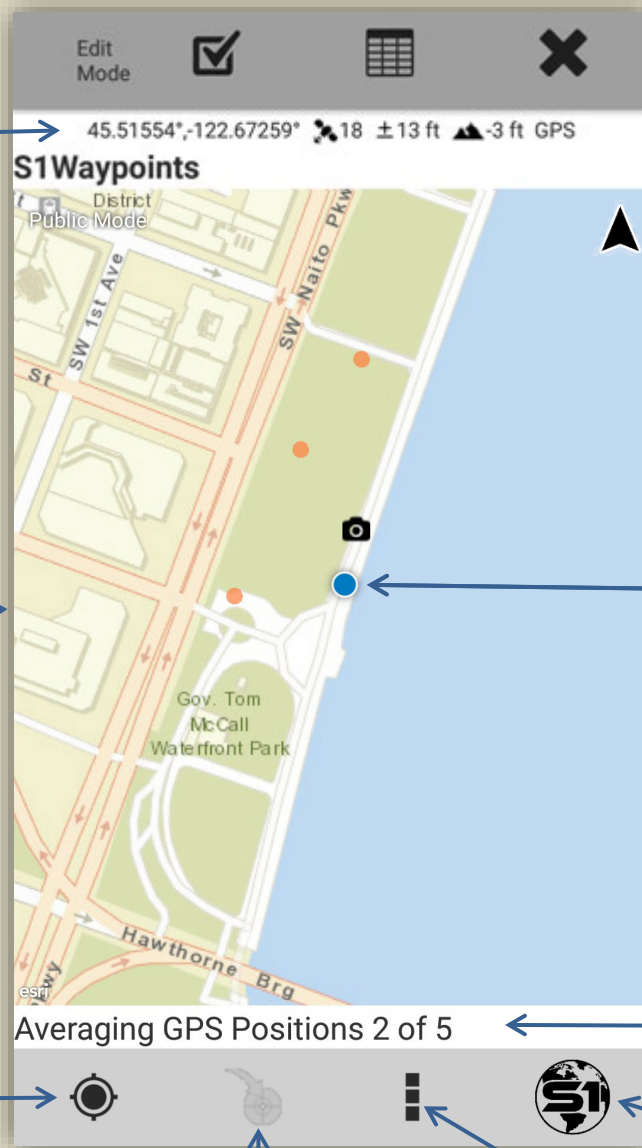
- Tap GPS button to activate GPS.
- Location will show on screen once the button is tapped.
- GPS Status bar appears at the top of the map when the GPS is activated.

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

Undo Vertex Button







will appear on the Application toolbar after adding an S1 Waypoint in Edit Mode.



Edit Mode Toolbar:

- Submit Edit button allows feature to be saved.
- Attribute Table View button allows user to switch between attribute table form and map view.
- Cancel button terminates the feature 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 with GPS On.

S1 Options Menu

- Number of Average Positions
- Snapping (toggle on/off)
- Attachment Icon (toggle on/off)
- Linear Units: Metric or Statute
- Area Units: Metric or Statute
- Navigation Alert Distance (xx)
- Navigation Alert Distance Units
- Accuracy Level Display: 68% or 95% Confidence
- Coordinate Units
- Theme: Classic, BLM Theme, FS Theme
- Smart Forms (Toggle on/off)

About S1 Mobile Application:

- Quick Help (This Document)
- Help (Public User Guide)
- Feedback
- S1 Log
- About
- Log In (to full service S1 App)

Average GPS button:

- Adds new S1 Waypoints to the Map View either by GPS On location or GPS Off (Digitizing).

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Select Mode

GPS Status 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).
- Estimated elevation is displayed in meters or feet.
- Coordinate Source of GPS.

Map View:

- Map View can display:
 - Default Basemap
 - Tracklogs
 - S1 GeoTag Photos
 - S1 Waypoints
 - S1 Sketch
- Shows current GPS Position.
- North Arrow - adjust map orientation, enable navigation viewshed or lock map view by long tap on the North Arrow.

Activate GPS Button:

- Tap GPS button to activate GPS.
- Location will show on screen once the button is tapped.
- GPS Status bar appears at the top of the map when the GPS is activated.

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

Create Features Menu:

- Provides the ability to collect data in different layers:
 - Tracklogs
 - S1 GeoTag Photos
 - S1 Waypoints
 - S1 Sketch
- Editable layers can be managed using the Manage Map Layers menu.

Manage Map Layers Menu:

- Manage Basemaps: Toggle on/off, Rearrange order, Delete, Zoom-To, & Transparency.
- Manage Tracklogs, S1 GeoTag Photos, S1 Waypoints, and S1 Sketches.

Tools/Options Menu:

- S1 Options Menu
- Download Maps
- Connect to Bluetooth GPS
- Tools
 - Measure
 - Enter Coordinates
 - Copy Geometry
 - Buffer Geometry

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:

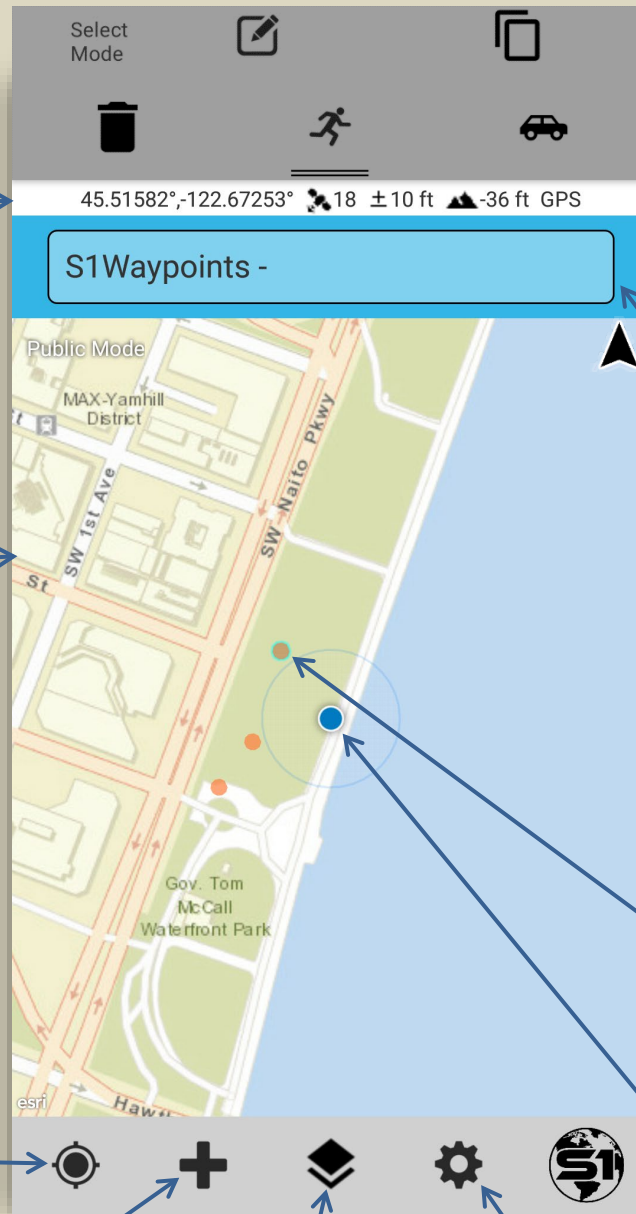
- Text on Feature Bar indicates the name of the selected feature.
- Tap arrow on Feature Bar if multiple features are selected to cycle thru features.
- Tap on Feature Bar or web map callout to show Feature Info display. The initial pop-up view honors web map settings and will display custom web map info. Tapping the button in the upper right will show all feature level metadata.

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.
- Map is centered on current GPS location (if Auto Pan GPS is on).



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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

GPS and Auto Pan: *OFF*



GPS and Auto Pan: *ON*



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



Activate Bluetooth GPS Button



Create Features Menu



Manage Map Layers Menu



Tools/Options Menu



About S1 Mobile Mapper



Edit Mode Tools

Begin Streaming Button



Pause Streaming Button



Average GPS Button



Attachment Button



Undo Vertex Button



Options Menu



Submit Edit Button



Attribute Table View Button



Cancel Edit Button



Pop-Up Overflow Menu



Select Mode Tools

Edit Feature Button



Copy Feature Button



Navigation Button



Navigation Directions



Delete Feature Button



Additional Tools

Download Button



Centers Map Extent on GPS Position



Manage Offset Button (*Offset Tool*)



Apply Offset Button (*Offset Tool*)



Share Location (*GeoTag Photo*)



S1 App Back Button



Configure File Name (*GeoTag Photo*)



Capture S1 GeoTag Photo (*Create Features Menu*)



Picture Capture



Record Video



Submit Attachments



Attachment Files



Toggle map orientation settings



Map Orientation locked



Manage Waypoints, Tracklogs, Geotagged Photos & Sketches



Basemap Thumbnail - Tap for info

