

WMS Maps

About

WMS (Web Map Service) is a standard protocol for serving georeferenced map images over the Internet that are generated by map servers using data from a **GIS database**. These are usually statistical maps that are mostly provided by government organizations (but also by many others). For more info, read this [Wiki page](#).

Locus Map offers a variety of worldwide sources that can be displayed or you can enter a direct URL to activate any WMS source you wish.

Displaying WMS Maps

Choose **WMS tab** in the Maps Manager (the tab can be switched off so select *Action menu* > *Visible tabs* and check WMS). The tab is empty after the Locus Map installation so you need to tell Locus Map which WMS source to display by tapping buttons in the **Action bar**:

- displays a list of **recommended WMS sources**. The best way how to begin with WMS. Just select and tap *Add to Locus*.
- launches a dialog to enter your **WMS link manually**.

WMS maps display always in an overlay above your active map (online, personal or Locus Maps).

When you launch a WMS source a **list of available layers** and a **opacity slider** appears - select layers to display, adjust their visibility above the active map and confirm. **Be aware that not all layers are visible in all places and in all zoom levels.**

The WMS source appears in your **Maps Manager WMS tab** in a folder named by its provider. **Long tap** at a source displays an **information window** about the source provider, author, contacts, possible fees and further description.

Action menu at the WMS source provides following:

- **Details** - information window mentioned above
- **WMS Layers** - available layers in the source
- **Center Map** - centering the map at the screen center of your phone in case your position is outside the map
- **Re-initialize map** - reloads required information from WMS server and sets the map to default values
- **Disable** - hides selected WMS layers in the map
- **Delete** - deletes the WMS source from the list

WMS Map Screen

After a WMS map display two new control buttons appear in the upper left corner:

- displays the **opacity slider** and **active WMS layers list** - check or un-check layers to display or hide.
- displays a **particular WMS feature information** - aim the screen center at a WMS object on the map and tap the button. In case the object contains some additional information it displays in a pop-up window.

WMS Maps Sources

Locus Map supports WMS specification versions **1.1.1, 1.3.0**



Current WMS support does not have any mechanism for tile caching. All data are stored only in your device's **temporary memory**.

Recommended [WMS Map Sources List >>](#)



Use *Add to Locus* links directly in your phone web browser (access to this page is also from your **Locus Map Manager WMS tab**).

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<https://docs.locusmap.eu/> - **Locus Map Classic - knowledge base**

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