Manitoba 🦬

Downloading Ortho Photos (Air Photos) into ArcGIS 9.x

Downloading ortho photos allows users to acquire an air photo "basemap" for creating of a wide variety of unique photo maps where features are layered over the air photo instead of a map. GPS data or data created from digitizing can be added as a shapefile over the ortho photo.   Examples of uses include land use, community, and field studies. The Manitoba Land Initiative website; a service of the Government of Manitoba, includes a collection of ortho photo coverage, in shapefile format for ArcGIS, of most populated regions of the province.

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1. Visit the Manitoba Land Initiative website at https://mli2.gov.mb.ca

2. Click on **Download Digital Maps** button. If this is your first time using the site you will need to register and create a username and password. There is no registration fee.

3. Once you have gained access to the site, click on **Digital Imagery** in the left menu and select **5km tiles – MrSid.**

4. Double click on the location of the index map for which you want photo coverage. Save the image file to a desired location, but do not change its name at this time (it will be an alphanumeric code).

ORTHO PHOTOGRAPHY - MrSid Mosaic

Click on general area of interest to download ortho photo mosaic
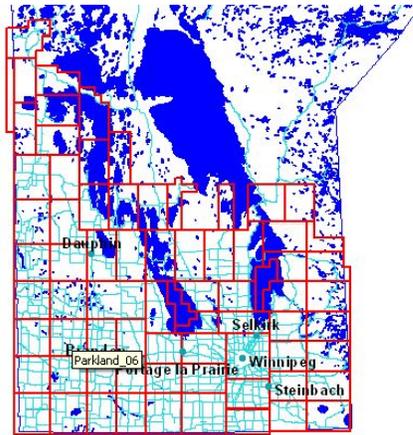
Note: Tiles are in **MrSid** compressed format and require the **MrSid** viewer or **MrSid** enabled software package to view. The MrSid GeoViewer and MrSid Browser Plug-in are available as a download from: LizardTech Most other GIS software applications (ArcView, ArcExplorer, FGis etc.) are able to read these datasets. Tiles range in size from 20 to 98 Mb.
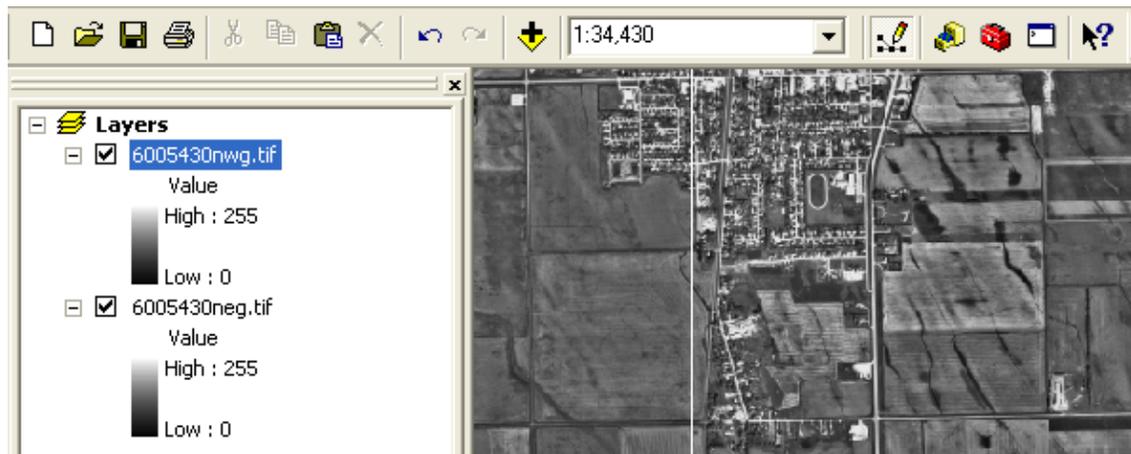
Download world files (.SDW) for all MrSid tiles (may be required for older versions of software).

Download MrSid Ortho grid in SHAPE format

Download 5K Ortho grid in SHAPE format

Download Township grid in SHAPE format

5. Open **ArcMap** and use the **Add Data** button ⬇ to add the photo from the location where it was saved to your Data View Table of Contents. You can now change the alphanumeric code to a meaningful layer name.

6. All the GIS functions for working on a map base layer apply to the air photo base layer.

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