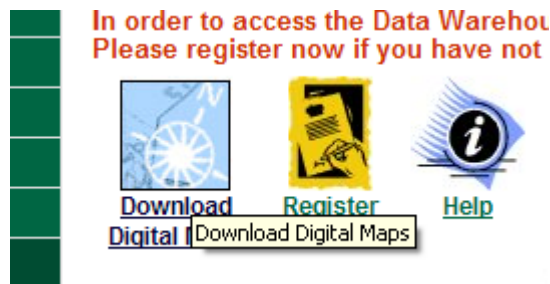


Downloading Ortho Photos (Air Photos) in ArcView 3.x

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 ArcView, of most populated regions of the province.

Author: Rob Langston, Neelin High School, Brandon School Division

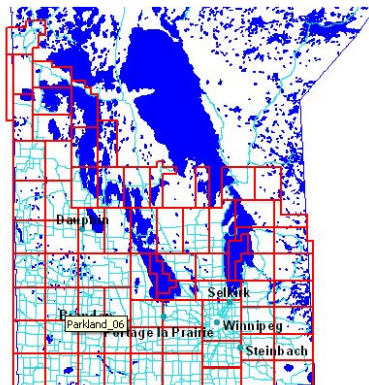
1. Visit the Manitoba Land Initiative website at <https://mli2.gov.mb.ca>
2. Click on **Download Digital Maps**. If this is your first time using this site you will need to register and create a username and password. There is no registration fee.



3. On the left hand menu, click on **Digital Imagery** and **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).

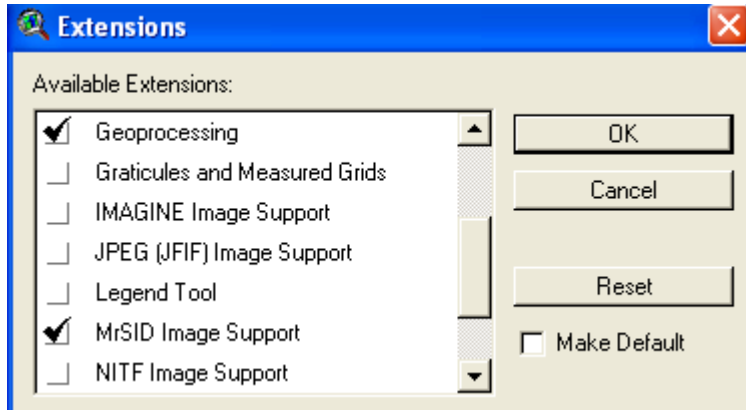
[Download MrSid Ortho grid in SHAPE format](#)


[Download 5K Ortho grid in SHAPE format](#)

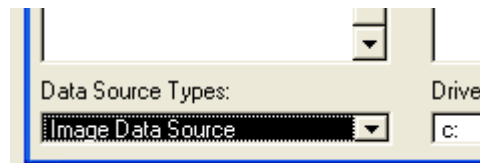
[Download Township grid in SHAPE format](#)

5. Open **ArcView** to create a new project with your air photo. Before you can add the air photo to your project you must activate the **MrSID Extension**.

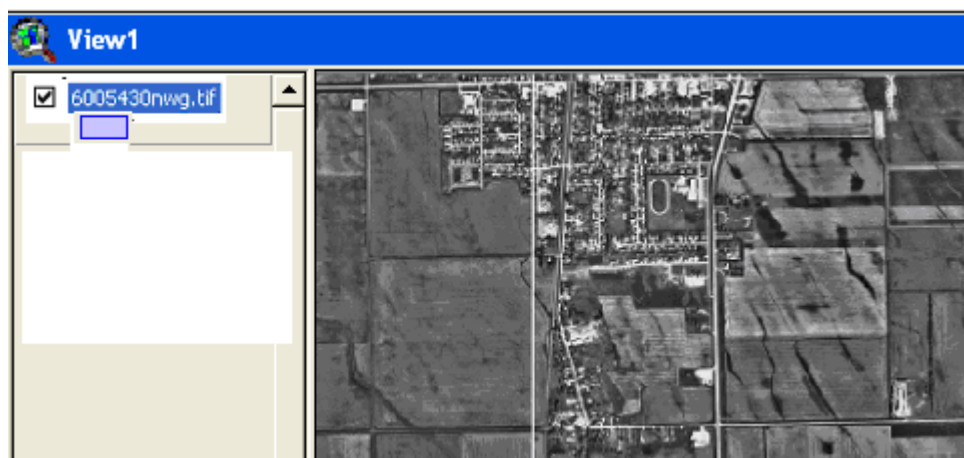
6. Go **File** → **Extensions** and turn on the extension by placing a check mark beside **MrSid Image Support**. Click **OK**.



7. To load the air photo, use the **Add Data** button  and navigate to the location where the photo was saved. You will need to change the Data Source Types to **Image Data Source**.



8. Once the air photo is added to your View, you can change the alphanumeric code to a meaningful layer name. To do this, go **Theme** → **Properties** and type in the desired theme name and click **OK**.
9. All the GIS functions for working on a map apply to air photos in ArcView.



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