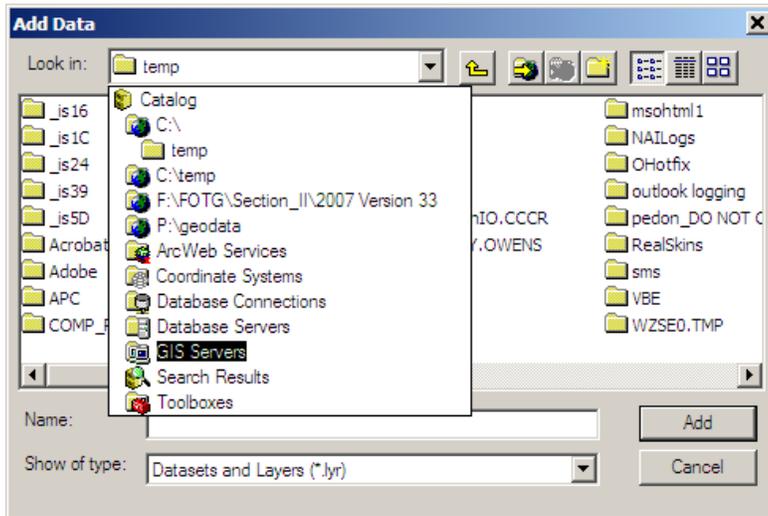


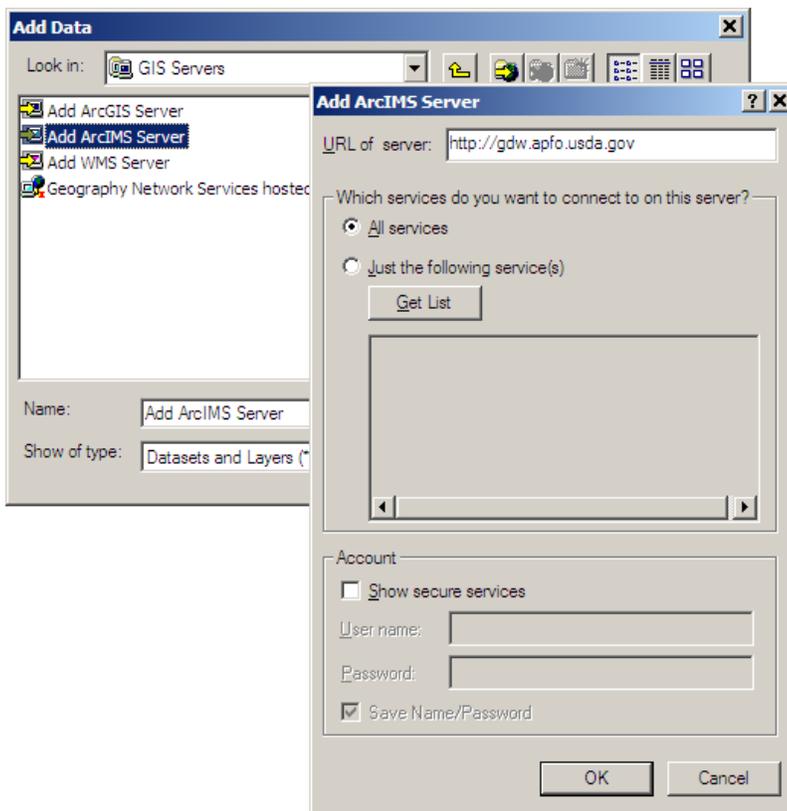
## Adding Orthoimagery to ArcMap Using a Web Map Service

A quick and easy orthoimagery source exists to replace the massive MrSID County Compressed Mosaics often used in ArcMap projects. Imagery can be added to ArcMap from an internet map service. This is the same type of service that is used for adding, for instance, the USFWS National Wetland Inventory data.

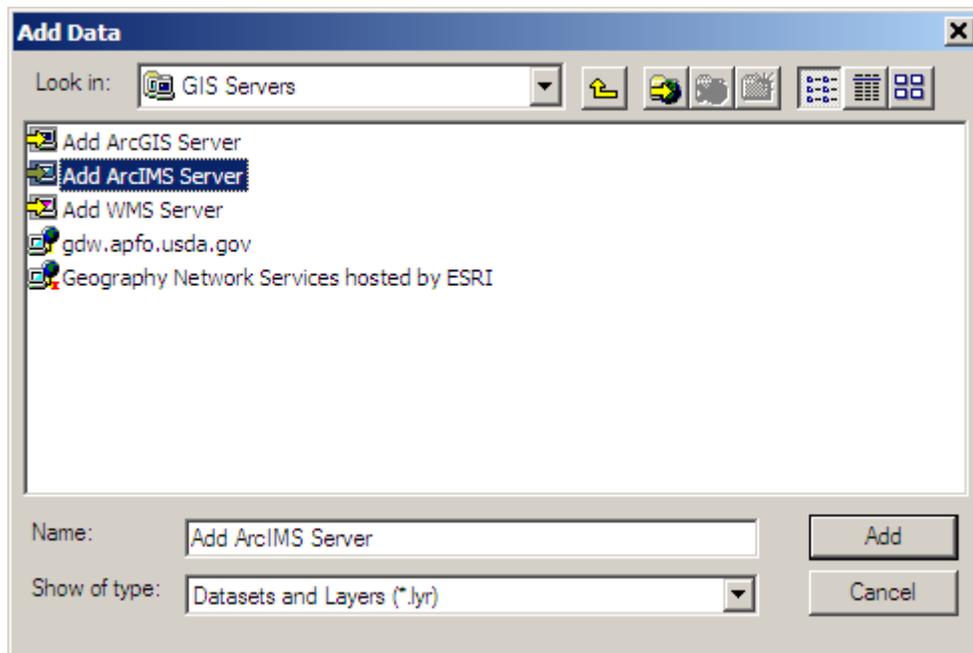
- To use the service, start up an ArcMap project, either from Toolkit or from the start menu.
- Click the *Add Data* button to start the add data dialog:



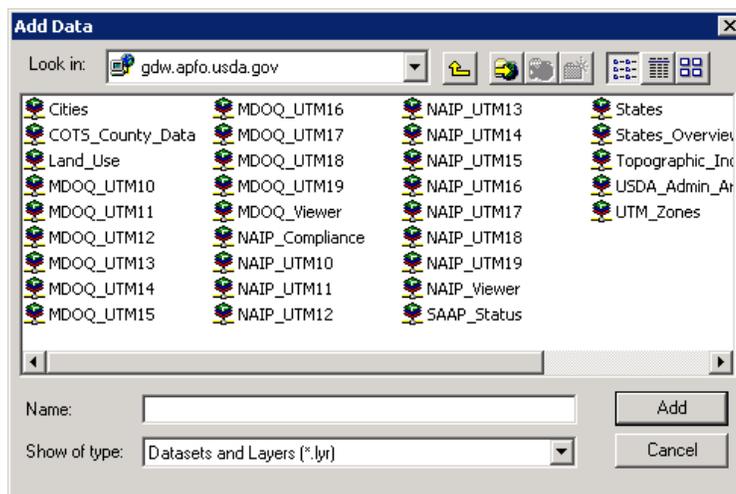
- Using the down arrow in the “Look in:” box, select *GIS Servers*.
- Double-click *Add ArcIMS Server*.
- Complete the dialog as shown below, adding the URL <http://gdw.apfo.usda.gov>.



- Click *OK* to complete the dialog.
- The *Add Data* dialog will update to show the new data source.



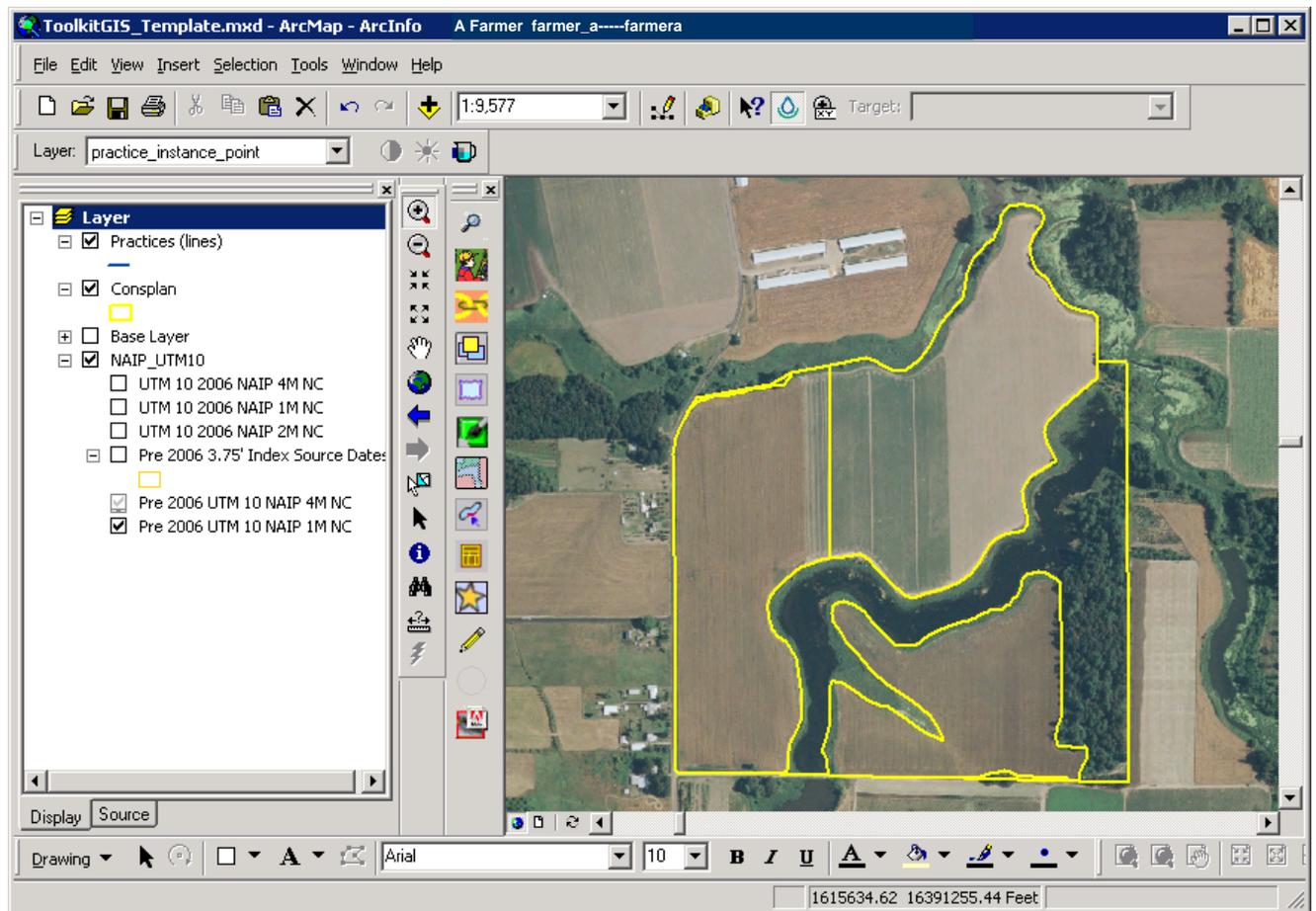
- Double-click the new data source *gdw.apfo.usda.gov*.
- The data layers available from the web service will be shown.



The imagery layers are listed by UTM zone.

- MDOQ layers are the older B/W imagery.
- NAIP layers are the new color imagery.
- *Select* and *Add* the NAIP layer for your UTM zone.
- The layer will be added to your ArcMap table of contents. By default, the most recent imagery will be checked for display.
- For Oregon, however, the best quality and most complete coverage for the state are the *Pre 2006 UTM 10 NAIP* layers.
- Check the display boxes as shown on the next page.

Note: The layers have default scale dependencies set, i.e. they will only display within certain scale ranges. When a layer is outside its display scale range, its checkmark will turn gray.



There are several advantages to using the web imagery services.

- The layers are seamless across UTM zones.
- The data source location is universal, unlike the MrSID county compressed mosaics, which may be located on different drives in different offices.
- The web image layers normally load faster than the MrSID county compressed mosaics, and panning and zooming is faster.

Note: because the web image services are internet-based, they are only available when your workstation is connected to the internet.