



COLOR LEAF-OFF AND COLOR INFRARED

GIS News

Winter 2014

DESKTOP

2013 Aerial Photography

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New Imagery!

The Spring 2013 6-inch aerial photography has arrived, and I know you are already wondering how you can access it. There are a number of ways, whether you are a Dakota County staffer, City staffer or the public.

County Staff

Dakota County staff members have a number of options. If you are a DCGIS user you can simply go to the Aerial Photography folder and turn on the *2013 Air Photo – Leaf Off (6 inch)* or the *2013 Air Photo (CIR) – Leaf Off (6 inch)* layers. The “Aerial View” basemap will be updated in the coming weeks. If you are a DCPI (Dakota County Property Information) user the “Aerial” basemap will be updated using the new imagery in the coming weeks, as well. If you are an ArcGIS for Desktop user you can simply add the Aerial Photography layer from the GIS Portal; both the standard image and the CIR (Color InfraRed) image will load into ArcGIS for Desktop.

City Staff

Dakota County cities can use DCPI and DCGIS just like County staff. Also for ArcGIS for Desktop users, the imagery has been published to the “AerialPhotography” folder

on our ArcGIS for Server system. Just add it like you did any of the previous year’s imagery. If you want the imagery for hosting at your site, contact me and I’ll get you a copy or a subset of the source imagery.

The Public

The public can access the imagery in DCPI and DCGIS too. Those who have used the imagery published in the “AerialPhotography” folder on our ArcGIS for Server system in the past, also have access to the 2013 imagery too. And in the coming months we hope to contribute the imagery to the [Minnesota Composite Image Service WMS](#).

To learn how to add ArcGIS for Server services to ArcGIS for Desktop, please read the GIS Newsletter article [Summer 2010 – Tech Talk: ArcGIS Services](#).

Positional Accuracy Testing

The imagery tested very well. We identified known visible locations that we had previously collected high accuracy GPS locations for. Using the National Standard for Spatial Accuracy, the data set tested to 1.13 feet horizontal accuracy at 95% confidence level.

	DCPI	DCGIS	ArcGIS for Desktop
County Staff	✓	✓	✓
City Staff	✓	✓	✓
The Public	✓	✓	✓

Ways to access the new imagery

Retiring old imagery

Our plan is to make only the three most recent years of imagery available in the ArcGIS for Server “AerialPhotography” folder for consumption as an Image Service.

Therefore, the 2008 imagery services will be retired on December 31, 2013. The imagery will remain accessible as a raster layer in the DCGIS_OL_AerialPhotography services with all other available years of aerial photography.