

Orthoimagery Program Update

January 10, 2012

2010 Metro Region Completed

This portion of a five-part statewide [spring leaf-off orthoimagery program](#) was declared complete as of December 30, 2011. Data covering 13 East-Central Minnesota counties, provided in at least one of three different resolutions, over two flying seasons, made up this phase of the program.

Nine public organizations partnered to complete this \$372,000 project – two state agencies, two federal agencies, two regional organizations and three counties.

Positional accuracy was particularly important to project partners, who required improved specifications – ones that meet ASPRS Class I standards. Accuracy tests conducted by MnDOT indicate that imagery quality exceeds all accuracy thresholds specified. These data are currently accessible through MnGeo’s Geospatial Image Service. Representatives from Surdex Corporation will conduct a project debriefing in St. Paul on January 18.

County	Resolution(s)	Year
Anoka	1-foot	2010
Carver	1-foot	2010
Chisago	½-meter	2010
Dakota	6-inch; 1-foot	2010
Goodhue	½-meter	2011
Hennepin	1-foot	2010
Isanti	½-meter	2010
Ramsey	1-foot	2010
Rice	1-foot	2011
Scott	6-inch; 1-foot	2010
Sherburne	½-meter	2010
Washington	1-foot	2010
Wright	½-meter	2010

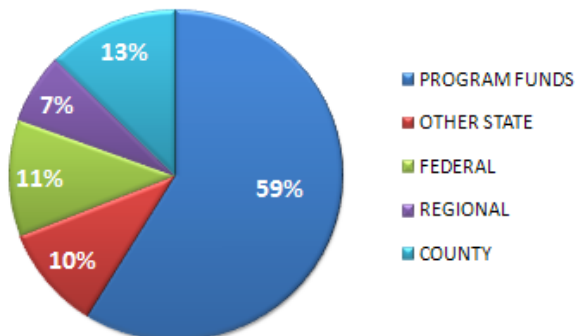
2011 Southern MN Data Received

Imagery for 35 counties of the 36-county region making up phase 3 of this program has been received and is currently undergoing final quality assurance testing. These data have been loaded onto the MnGeo Image Service to facilitate more widespread scrutiny. Evaluation is expected to be complete early February.

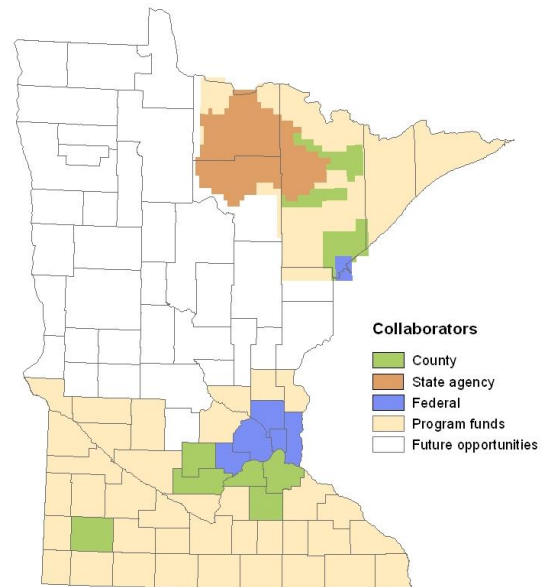
Program Status

To date, two phases of this program – the Arrowhead and Metro Twin Cities – have been completed, with the third

Spring Aerial Imagery Program Partnerships 2009 – 2011



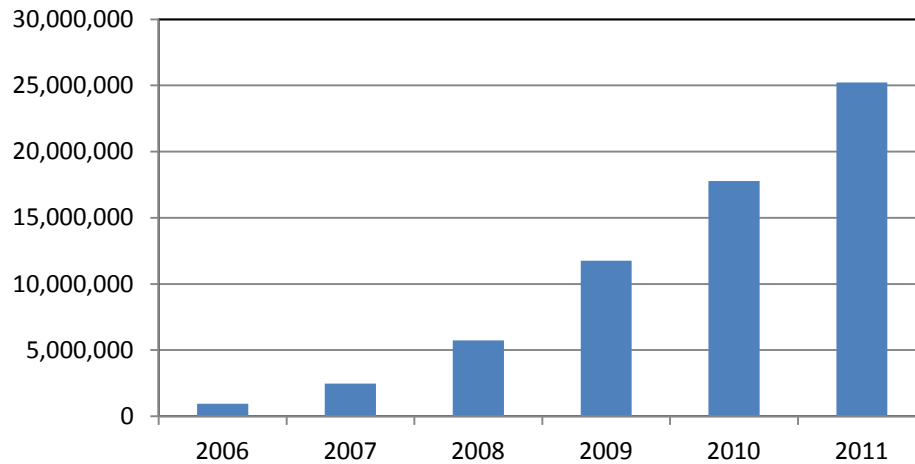
Orthoimagery Collaborations 2009 - 2011



phase – southern MN – expected to be 97% complete next month. Phases 4 and 5 are scheduled to take place in 2013 and 2015, respectively. Fourteen different public organizations have collaborated thus far, resulting in more than 40% of the cost of the project being financed through partnerships.

Geospatial Image Service

Image Service Use by Calendar Year



[Image Service](#) use grew by 42% in 2011, logging more than 25-million calls for orthophoto data during the year. New 6-inch high-resolution imagery recently added for Scott and Dakota counties and more than 20,000 square miles of natural color and color infrared imagery is now accessible over most of Southern Minnesota. In addition, a number of new data sets were added during the last week of December, collected by the NGA in 2009 and provided by the USGS. They focus on the U.S./Canadian boundary region, specifically:

- Voyageurs National Park
- BWCA
- North Shore
- Duluth area shoreline
- WI Lake Superior Shoreline/Apostle Islands
- Isle Royale

