

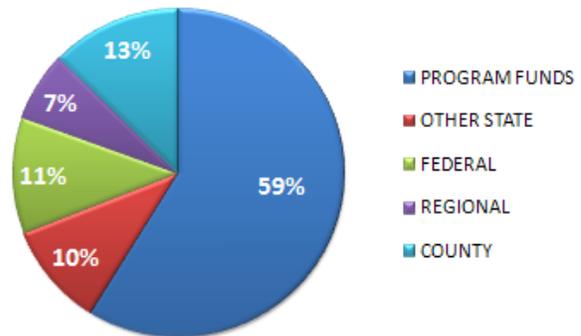
Update: Minnesota's Spring Aerial Imagery Program (SAIP)

May 18, 2012

Spring Aerial Imagery Program Partnerships 2009 – 2011

Program Status

To date, two phases of this five-part statewide [spring leaf-off orthoimagery program](#) – the Arrowhead and Twin Cities Metro – have been completed. The third phase – southern MN – is about 97% complete. Phases 4 and 5 are scheduled to take place in 2013 and 2014, respectively. Fourteen different public organizations have collaborated thus far, resulting in more than 40% of the cost of the project being financed through partnerships.



2010 Metro Region Completed

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, which was declared complete on December 3, 2011. 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 (see page 3).

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

Table 1. Thirteen Twin Cities Metro counties made up Phase 2 of the Minnesota SAIP.

2011 Southern MN Data Received

SAIP imagery for 35 of the 36-county region making up phase 3 of this program has been quality tested, accepted and loaded onto the Geospatial Image Service. Data collection for the remaining county in this region – Meeker – has been postponed until Spring 2013.

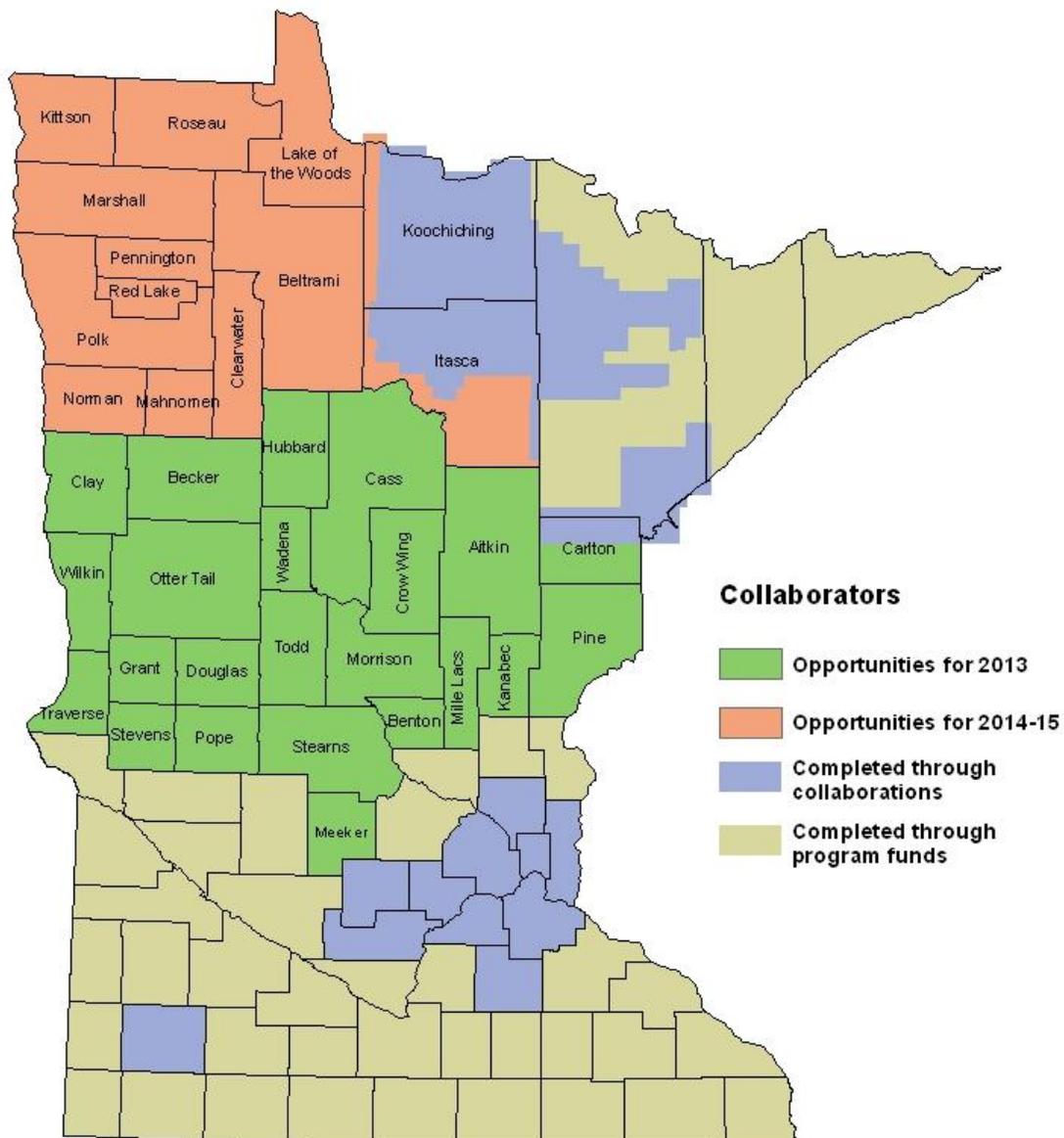
2013 Central MN Data Planning

SAIP flights for Central Minnesota will also be flown during the spring of 2013. To achieve that timeframe, MnGeo will issue a Request for Proposals to interested vendors in December 2012. The SAIP Coordinating

Team is interested in exploring options for new buy-up partnerships with counties and local governments in that region (the area in green on state status map), and in the northwest region of the state (the area in orange), which is scheduled to be flown in 2014 or 2015. Informational presentations were held in Fergus Falls on March 7 and in Bemidji on April 3, 2012. **A third meeting is scheduled for May 21, 2012 in Brainerd, hosted by Crow Wing County.** Chris Cialek (MnGeo), Steve Kloiber (DNR) and Pete Jenkins (MnDOT) will provide background information about this project and would like to discuss possible collaborations with counties interested in leveraging state funds to acquire higher-resolution imagery.

Anyone interested is invited to attend. Details are available at the project website: <http://www.mngeo.state.mn.us/chouse/airphoto/centralmn13.html>.

SAIP Orthoimagery Collaborations 2009 - 2015



Geospatial Image Service

Image Service Use by Calendar Year

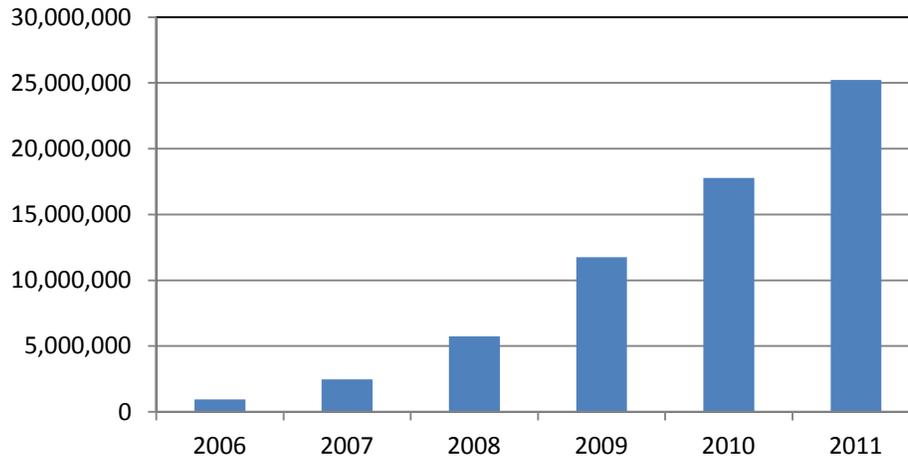
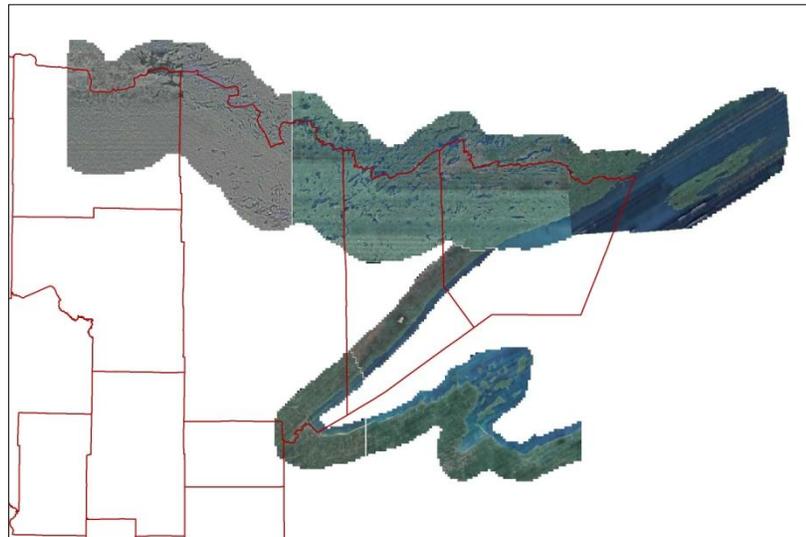


Image Service use grew by 42% in 2011, logging more than 25-million calls for orthophoto data during the year. New 6-inch high-resolution imagery recently added for Scott and Dakota counties and more than 20,000 square miles of natural color and color infrared imagery is now accessible over most of Southern 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
- Isle Royale
- North Shore
- Duluth area shoreline
- WI Lake Superior Shoreline/Apostle Islands



For more information, see: http://www.mngeo.state.mn.us/chouse/wms/geo_image_server.html