

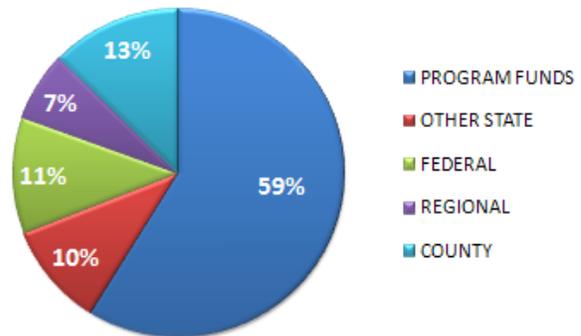
# Update: Minnesota's Spring Aerial Imagery Program (SAIP)

February 29, 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 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.



### 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 2).

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 and loaded onto the Geospatial Image Service. Data collection for the remaining county in this region – Meeker – is scheduled to take place this spring.

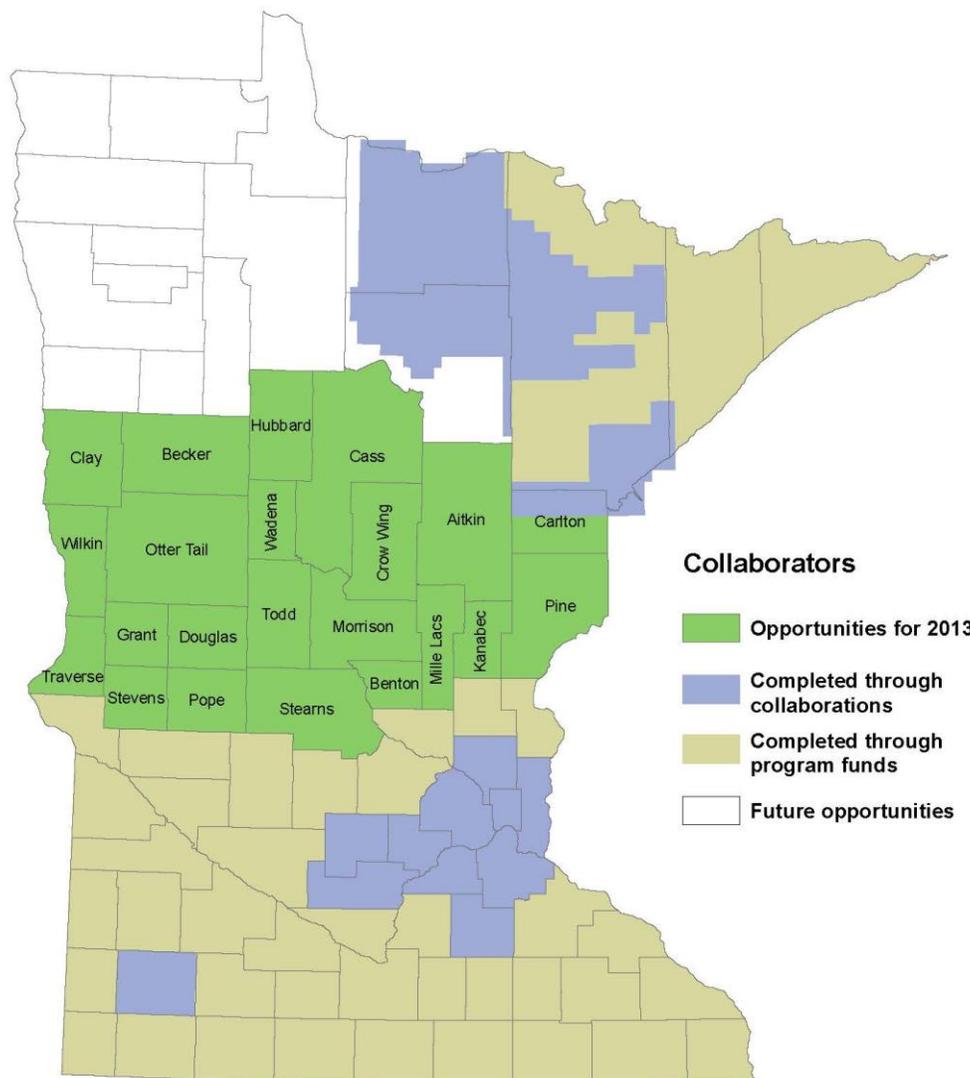
### 2013 Central MN Data Planning

SAIP flights for Central Minnesota will 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, which is scheduled to be flown in 2015. **An informational presentation has been scheduled in Fergus Falls at the March 7, 2012 meeting of the Pine-to-Prairie GIS Users Group.** 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. More details will soon be available [here](#). Additional buy-up meetings will be scheduled in the Central Region in early spring.

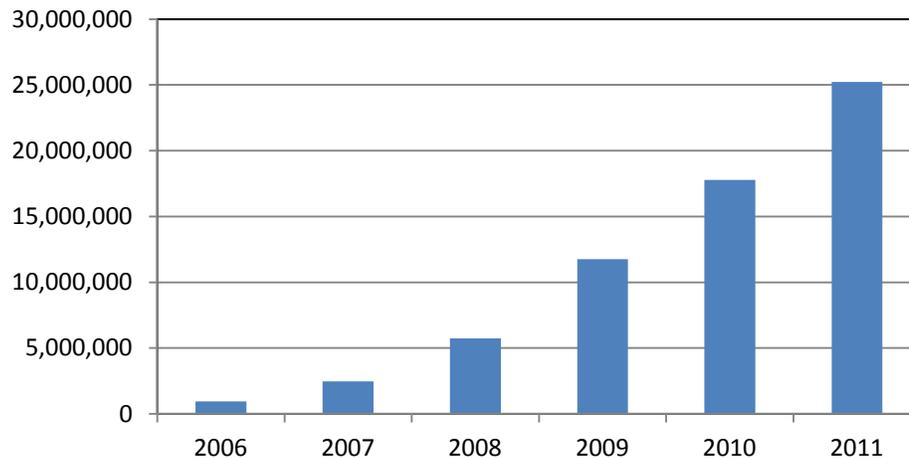
## SAIP Orthoimagery Collaborations 2009 - 2013



# Geospatial Image Service

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## 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

