

2010 Metro and 2011 Southern Minnesota Orthoimagery Projects

May 26, 2011

All wrap-up imagery was collected by Surdex for the remainder of the 2010 East-Central MN Orthoimagery Project. Areas included are outlined in red on Figure 1, and consist of:

- Reflight of downtown St. Paul to minimize building lean
- Stereo imagery at 0.5-meter resolution for Scott, Dakota, Rice and Goodhue counties
- 1-foot resolution buy-up imagery for Rice County

Image inspection is complete with no follow-up flights deemed necessary. Color inspection is now taking place and aerotriangulation has begun for St. Paul imagery.

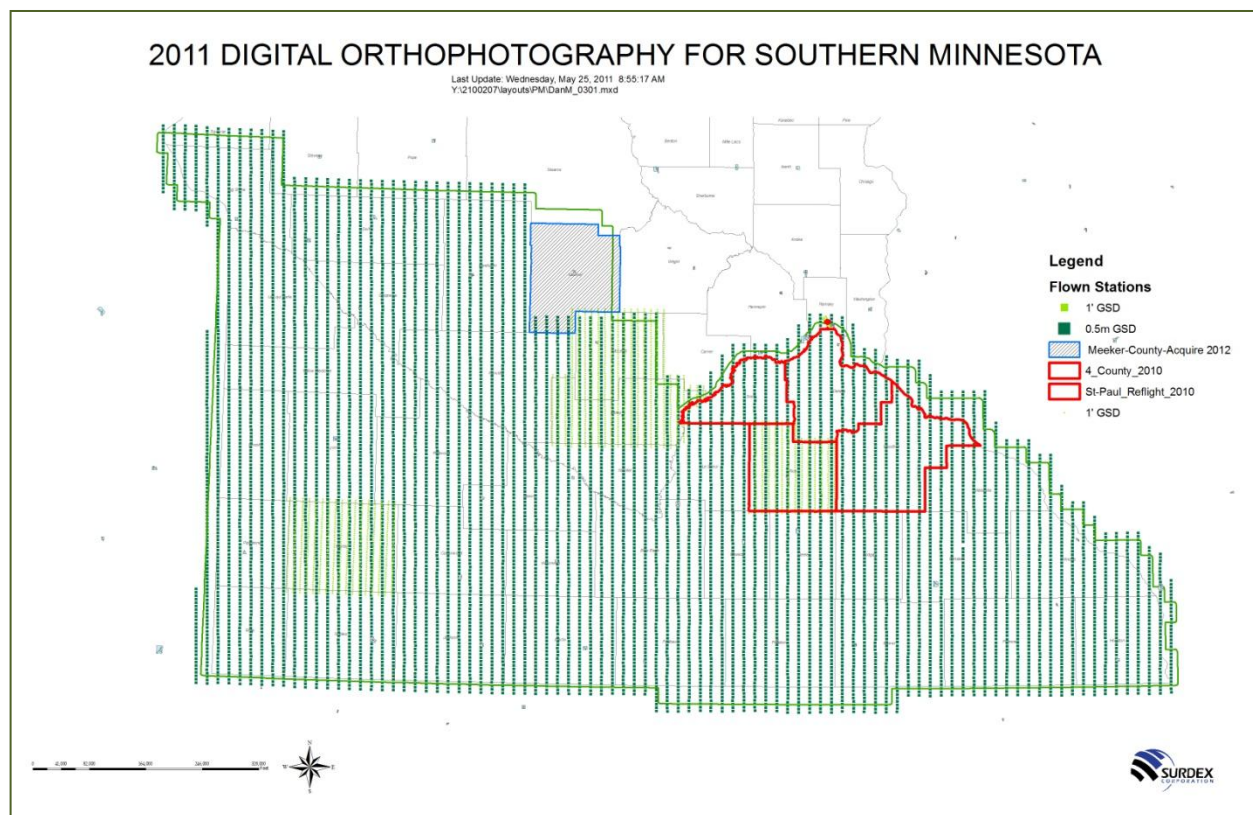


Figure 1. Digital Imagery collected during Spring, 2011.

The 2011 digital imagery project formally began on March 18, 2011 with the execution of a contract between the State and Surdex Corporation. As with the 2010 project, specifications include 4-band, leaf-off imagery, provided in both ortho-rectified and stereo form. The nominal resolution of the new

data collection is ½-meter, but three counties – McLeod, Murray and Sibley – have contracted to also buy-up to 1-foot resolution imagery.

The vendor dedicated as many as four planes and cameras for this project but, even so, poor weather conditions kept the number of flying days down. Advanced leaf-out conditions forced the project managers to cease new data collection on May 17, 2011. All but one county – Meeker – had been collected up to that point (see Figure 1). Meeker will be collected in the spring of 2012.

Imagery inspection indicates that all data collected are acceptable and that no reflights are necessary. Color samples of the imagery will be delivered on May 26 for inspection and acceptance determination. Image processing is expected to begin shortly.

This project is funded by the Minnesota Department of Natural Resources through the Environmental and Natural Resources Trust Fund as recommended by the Legislative-Citizen Commission on Minnesota Resources (LCCMR).

For more information on these projects, see MnGeo's [spring air photo project website](#) or contact Chris Cialek, MnGeo, at chris.cialek@state.mn.us or 651-201-2481.