

IMAGERY QUALITY ASSESSMENT SUMMARY

Note: Corrected imagery for issues originally indicated in this report was received and accepted on 16 July 2012; imagery was accepted and sent to the data base.

Project: ILLINOIS GPSC Block1 UTM16

Producer: AeroMetric, Inc

Date: 20110429

DELIVERY INFORMATION

Date: 2 Feb 2012

State Liaison: Shelley Silch

POC Information: (217) 328-9732 ssilch@usgs.gov

PROJECT INFORMATION

Project size: 452 GB

Image Size: 5000X5000

Number of image files: 4862

**File Naming Convention: The files appear to be named based on a grid scheme with 11 digits naming convention consisting of numbers and letters
Example 16SBH625555.tif**

File Format Information: are provided in GeoTIFF

Metadata: 1 XML file for each images tile leave

Cameras: N/A

Applicable NGA Urban Area: about 0%

Quadrangle Information: 100 7.5-minute quadrangles 46 full and 54 partial

Counties: All of 8 counties Winnebago, Boone, Dekald, Bureau, Stark, Putnam, Marshall, Clinton and Part of 1 counties Henry

Radiometry: 4 bands RGB NI 32 bit

Coordinate System: NAD 83 UTM 16 Meters

Pixel Resolution: 0.3 meters

Relative Horizontal Accuracy and Edge Alignment: appear to be ok

Horizontal Accuracy: The locations of existing USGS photo-identifiable ground control were evaluated on the geotiff images and compared with their ground values in order to calculate an overall horizontal RMSE of 0.77 feet NOTE 49 points were use.

Bounding Coordinates:

WEST LONGITUDE = 90.00617596

NORTH LATITUDE = 42.51666172

EAST LONGITUDE = 88.56268502

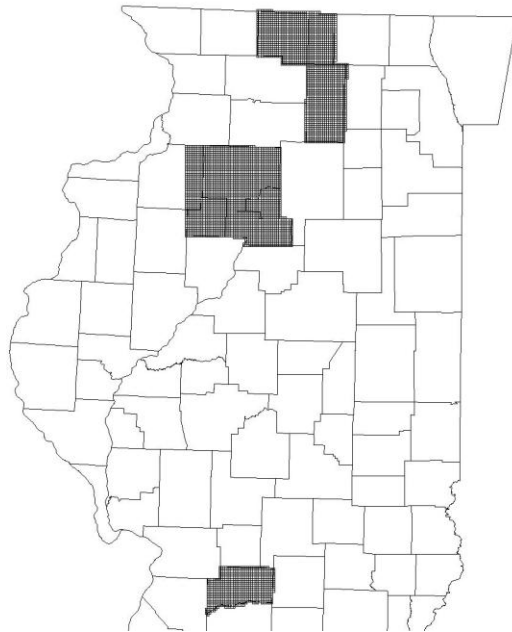
SOUTH LATITUDE = 38.41821237

REVIEW INFORMATION

General Observations: Overall image characteristics such as brightness, contrast and visible appear to be good. The calls that were made for corrections are because of tonal balance problem, offset roads, and 1 warped bridge.

Error File: an error shape file is included

Project Outline:



Project / Quadrangle Area:

Townley	Jasper	Cordova	Sipsey	Creel	Warrior	Trafford	Rendap	Springville	Ashville	Cox Gap	Ohatch
Oakman	Parrish	Goodsprings	Dora	Brookside	Gardendale	Pinson	Argy	Odenville	Wattsville	Ragland	Francis
Wiley	Tutwiler School	Gilmore	Sylvan Springs	Adamsville	Birmingham North	Ironville	Elyton	Cooks Springs	Pell City	Riverside	Eastab
dham Springs	Burchfield Store	Oak Grove	Concord	Bessemer	Birmingham South	Culaba Heights	Vandiver	Vincent	Laniers	Sleeping Giant	Tallad
ake Nicol	Brookwood	Abernant	McCalla	Greenwood	Helena	Chelsea	Westover	Harpersville	Childersburg	Winterboro	Porter

Examples: The next images are an example of the haze.



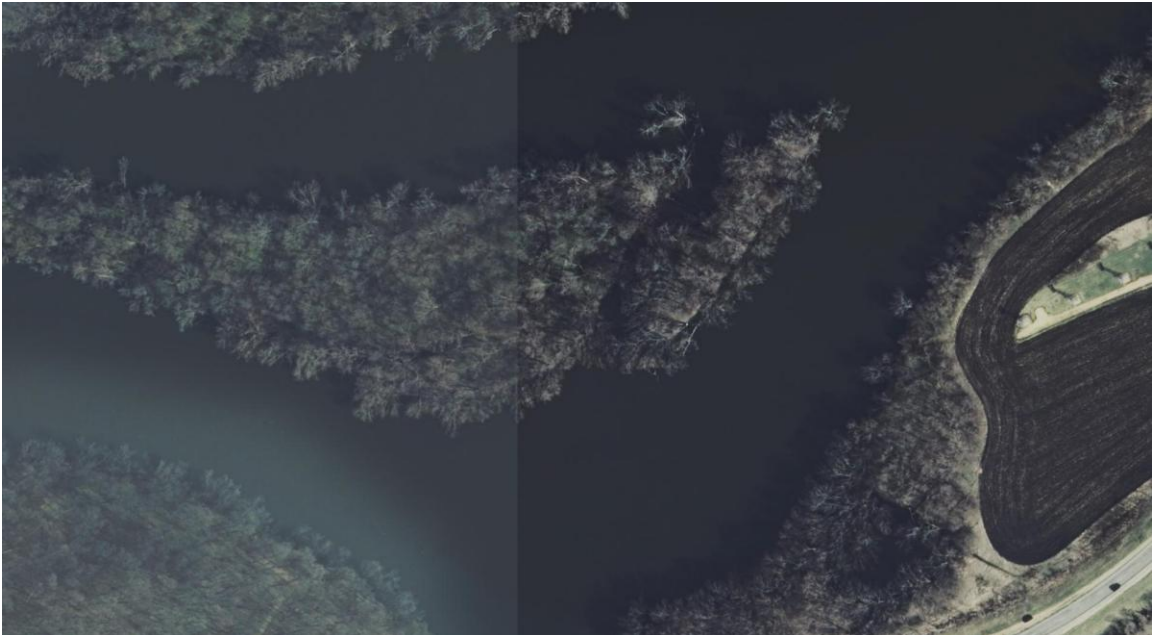
Examples: The next images are an example of the offset roads





Examples: The next images are an example of the Shadows.

Examples: The next images are an example of the tonal balance.



Examples: The next image is a example of the warped bridges.



REVIEWER

Summary Prepared By: Greg Sawyer

Date: 06/29/2012

Square Miles: 4222

Review Time: 60 hours

Viewing Scale: 1:1500

Viewing Software: Global Mapper

Down Load: 4 hr

Report time: 2 hours