



# IMAGERY QUALITY ASSESSMENT SUMMARY

**Project Name:** Orange\_NC\_2010

**Area Of Interest:** Orange County

**Producer:** The Sanborn Map Company, Inc.

**Date:** 20100320 - 20100404

## DELIVERY INFORMATION

**Date:** 20111107

**POC:** Gary Merrill, State Liaison

**POC Information:**

E-mail: [gmerrill@usgs.gov](mailto:gmerrill@usgs.gov)

Phone: 803-750-6124

Fax: 803-750-6181

720 Gracern Road

MS 509

Columbia, SC 29210-7651

## PROJECT INFORMATION

**Project size:** 139 GB

**Image Size:** 10,000 X 10,000 pixels

**Number of image files:** 500

**File Naming Convention:** OC6i0\_37\_000\_10972701\_20100411R0.tif and .tfw

**File Format Information:** provided in TIFF (.TIF) format with associated world files (.TFW).

**Metadata:** Project level metadata was provided in .XML and .HTML format.

**Applicable NGA Urban Area:** 36 %

**Quadrangle Information:** 6 complete quads, 8 partial quads

**Radiometry:** 3 band, RGB

**Coordinate System:** State Plane and NAD 83

**Pixel Resolution:** 0.5-foot



# IMAGERY QUALITY ASSESSMENT SUMMARY

**Relative Horizontal Accuracy and Edge Alignment:** All tiles were inspected for alignment issues. No significant misalignment issues were found along tile borders. Tile interiors were inspected for anomalies which are noted in an error file.

## **Horizontal Accuracy:**

The 0.5' pixel GSD orthophotos were designed to meet ASPRS Class 2 horizontal accuracies at a design scale of 1:2400 (1'=200') where the limiting RMSE in either X or Y is not greater than 4.0'.

15 control points were within the imagery area. 13 of the 15 control points were used in resolution. Average RMSE is 3.411 feet. Class 2 ASPRS expected accuracy is 5.66 feet.

## **Bounding Coordinates:**

WEST LONGITUDE = -79. 27129446 ° W  
NORTH LATITUDE = 36. 25025056 ° N  
EAST LONGITUDE = -78. 94913218 ° W  
SOUTH LATITUDE = 35. 85163383 ° N

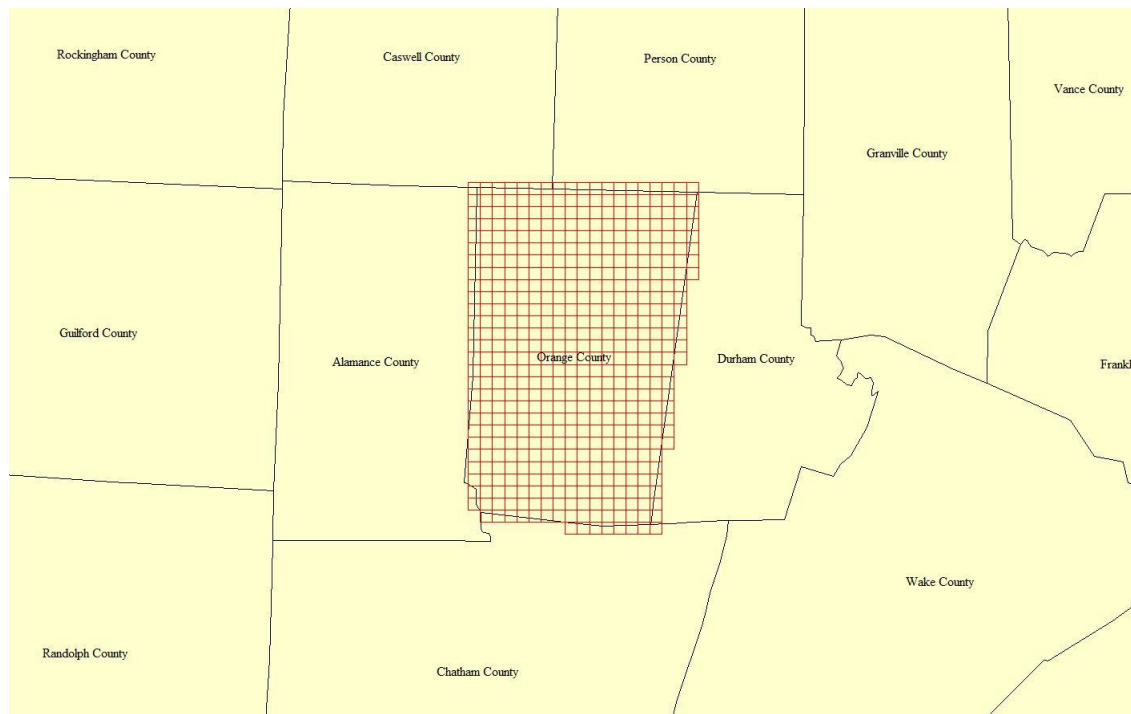
**Camera Information:** Zeiss/Intergraph Digital Mapping Camera

## **REVIEW INFORMATION**

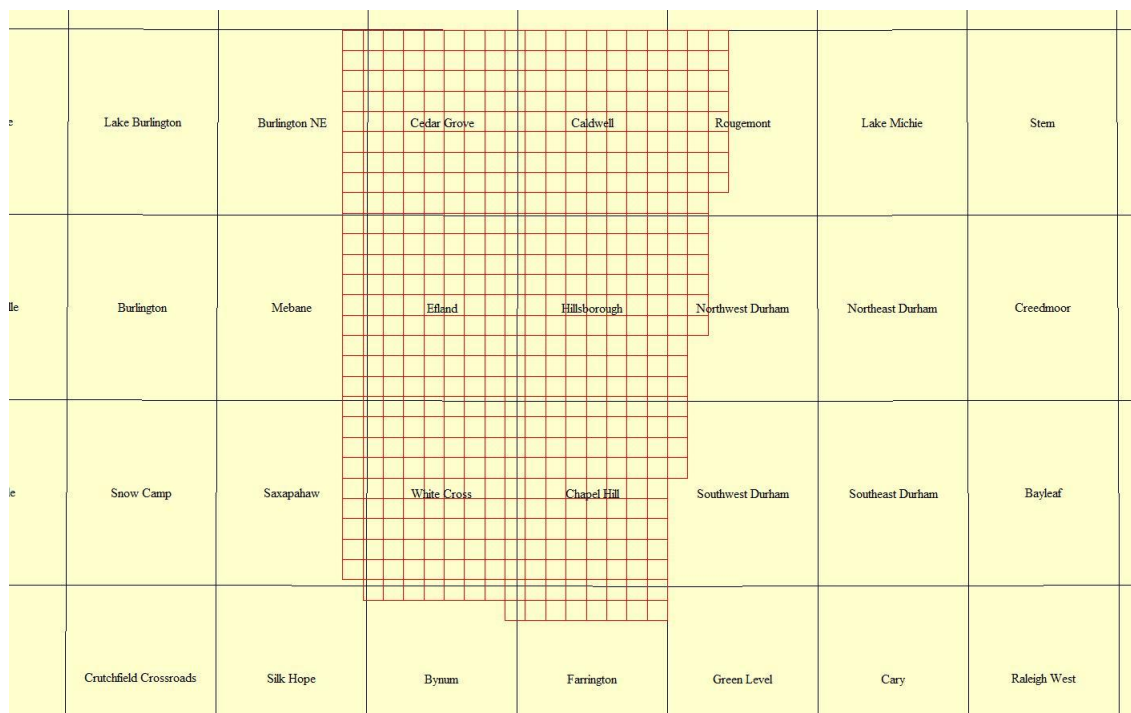
**General Observations:** The imagery covers the entire extent of Orange County, North Carolina. The imagery is partly in Caswell, Person, Durham, Chatham, and Alamance counties in North Carolina. The imagery is partly in the Raleigh-Durham area of the 133 Cities Program. For your information there is a white line between two of the images. Images of the ends of the white line is provided in this report. The bounding coordinates are from the Global Mapper metadata.

**Error File:** An error shape file highlighting all noted errors is not included. No errors are being reported.

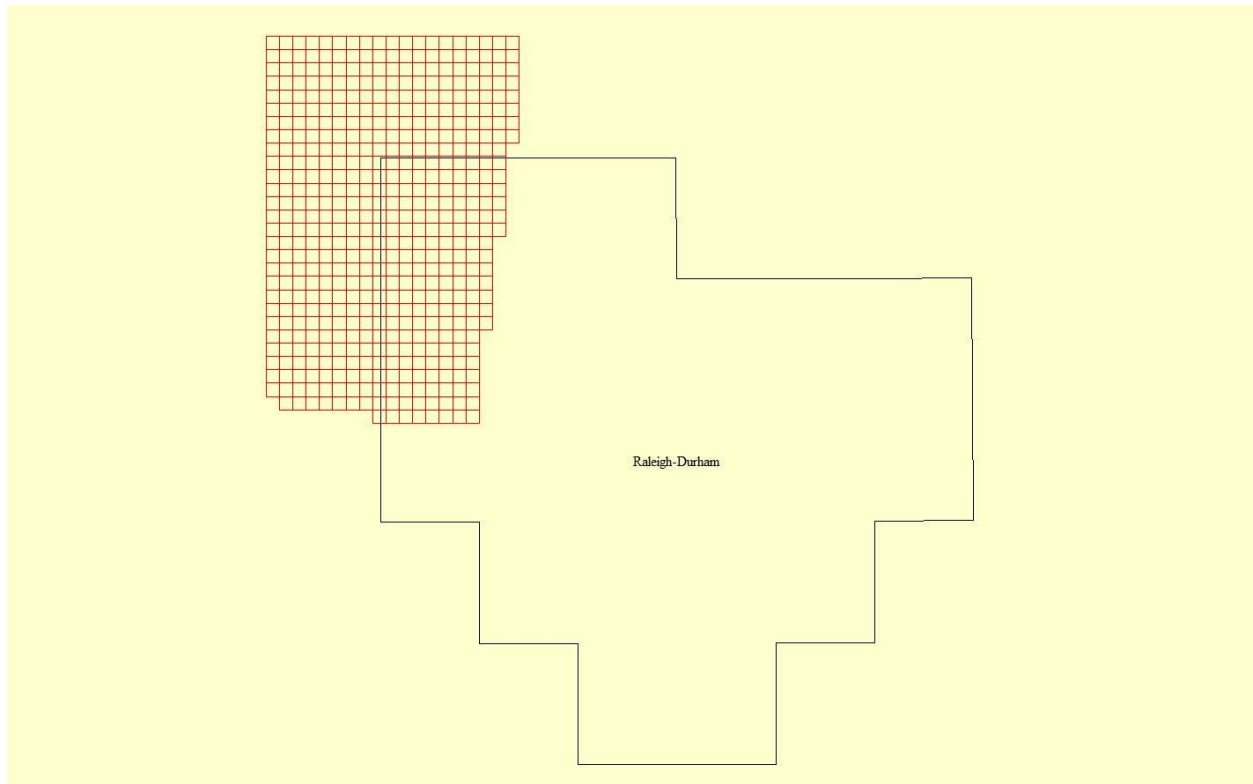
## Project Outline:



## Project/Quadrangle Area:



NGA



White Line

from between images:

OC6i0\_37\_000\_10986904\_20100411R1.tif and OC6i0\_37\_000\_10986903\_20100411R1.tif

From [1969996.91, 894994.86] to [1969996.91, 890024.52]





# **IMAGERY QUALITY ASSESSMENT SUMMARY**

## **REVIEWER**

**Summary Prepared By:** Nan Aldridge

**Date:** 20130129