

Statewide Orthoimagery Program

Ben Shelton

NC Center for Geographic Information and Analysis

April 10, 2025

Current Orthoimagery Program Cycle

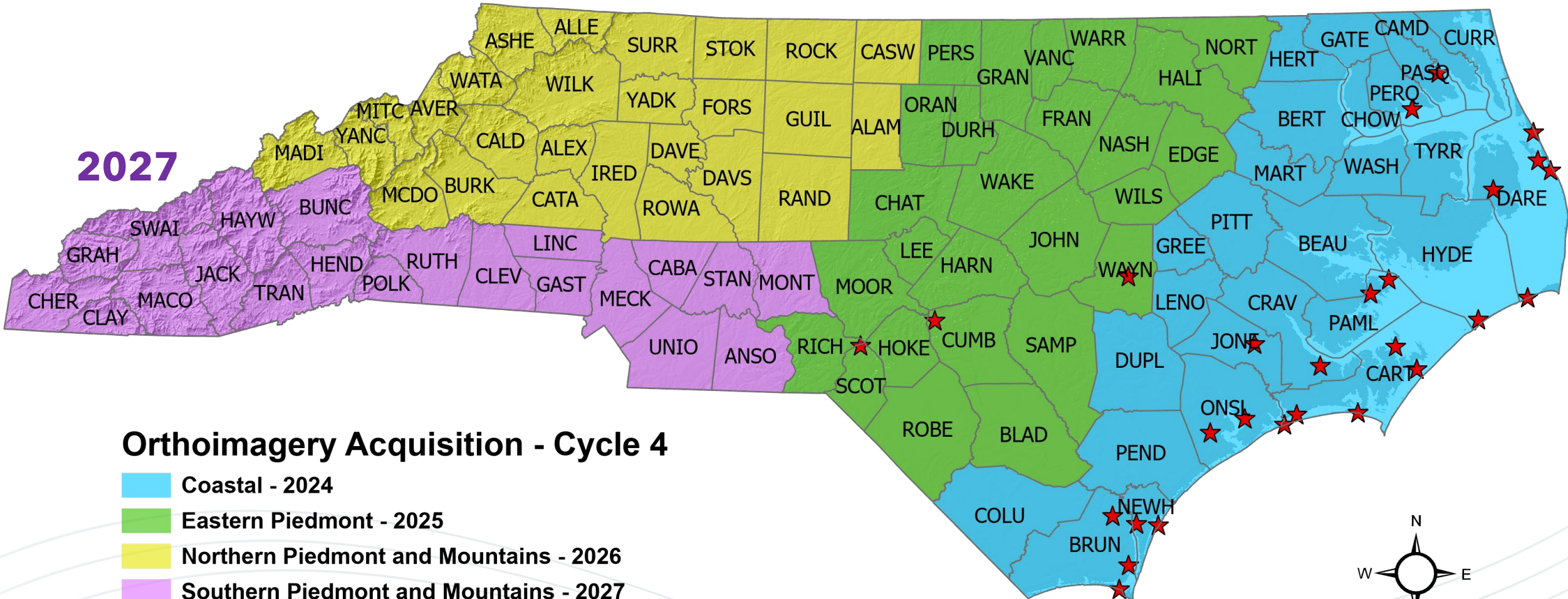
4-Year Cycle

2026

2025

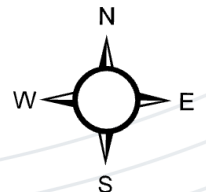
2024

2027



Orthoimagery Acquisition - Cycle 4

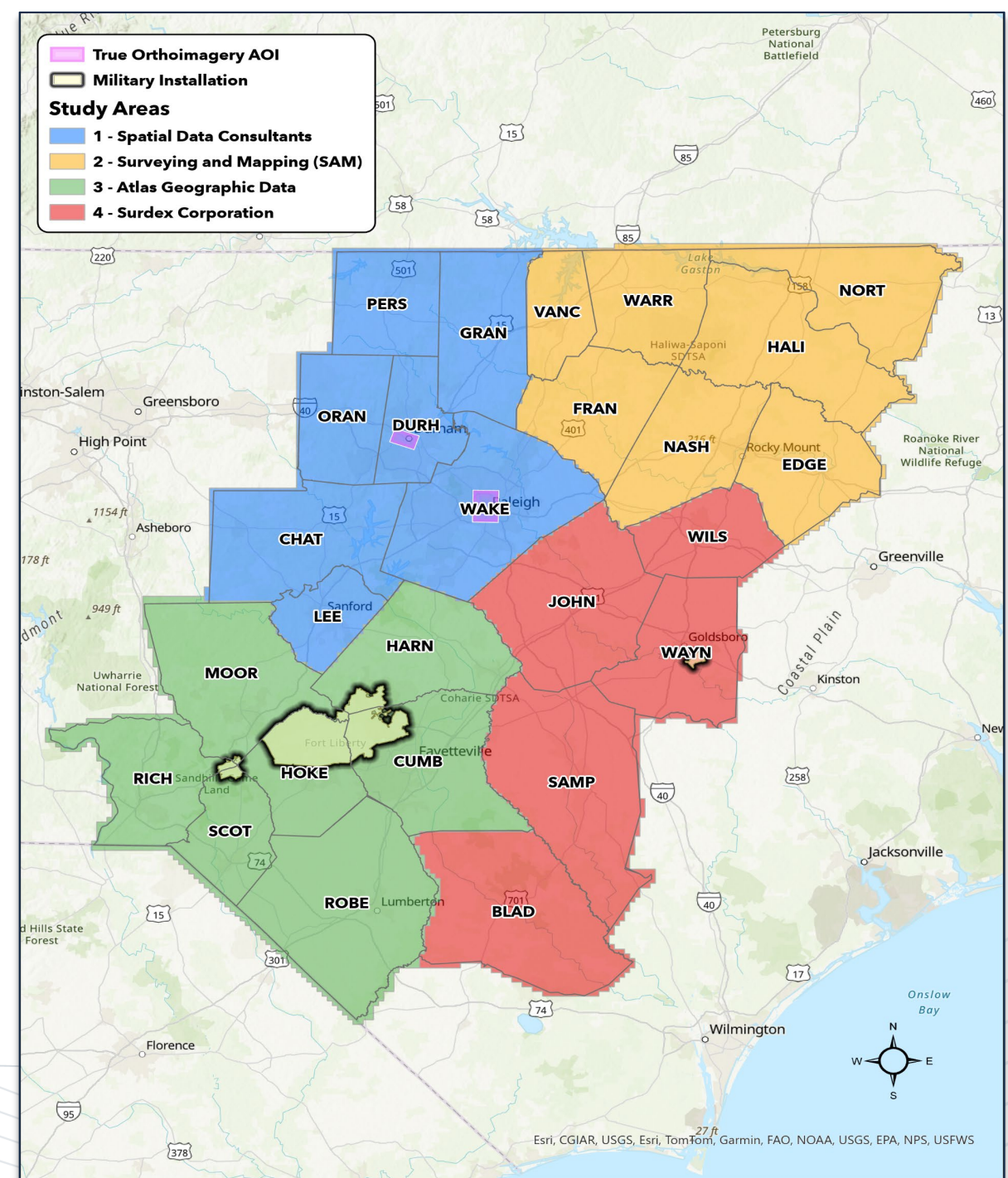
- Coastal - 2024
- Eastern Piedmont - 2025
- Northern Piedmont and Mountains - 2026
- Southern Piedmont and Mountains - 2027
- ★ Military Installations



2025 Project Area

- 26 Counties
- 15,141 square miles
- True Orthoimagery – SA1
 - Raleigh
 - Durham
- Military Coordination – SA3 & SA4

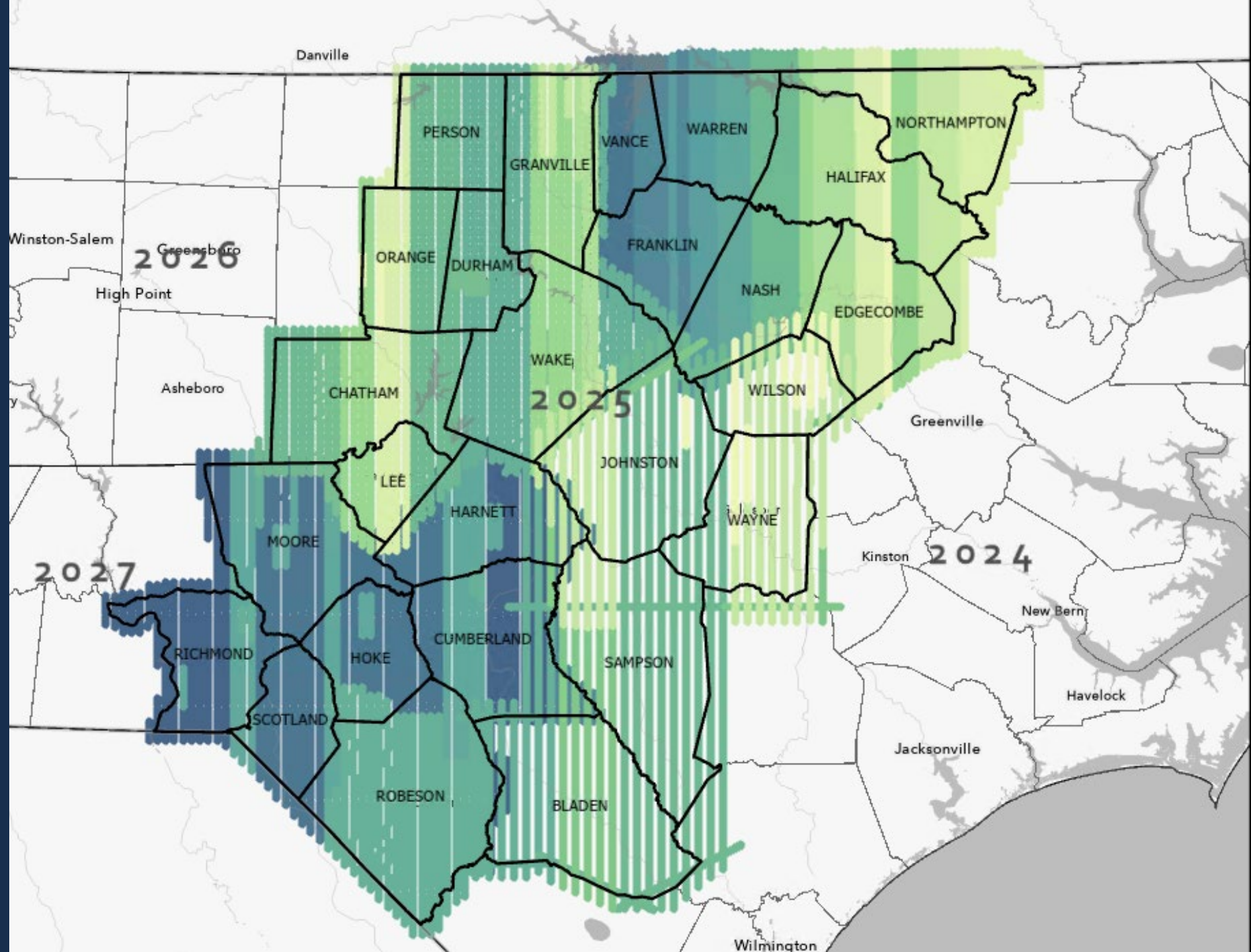
Study Area	Vendor	Number of Tiles	Square Miles	Number of Counties
1	Spatial Data Consultants	3,948	3,540	7
2	Surveying and Mapping, LLC (SAM)	4,074	3,653	7
3	Atlas Geographic Data	4,793	4,302	7
4	Surdex Corporation	4,070	3,650	5
Total		16,885	15,145	26



Current Status

Exposure Point

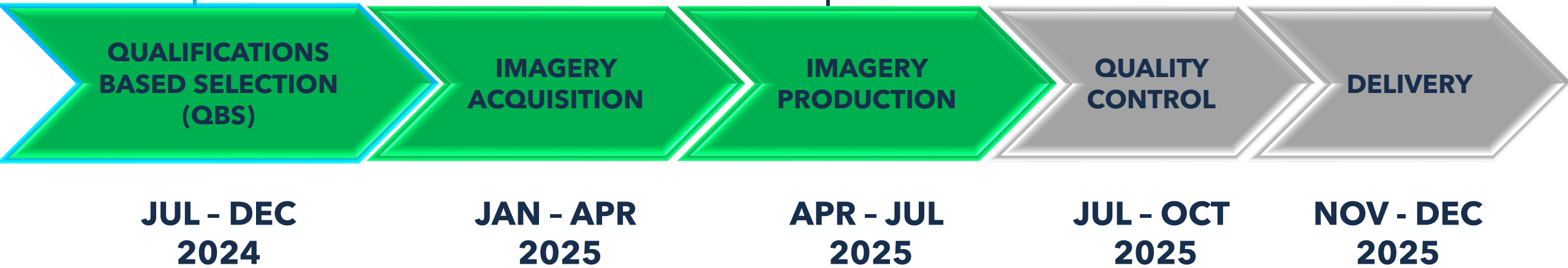
- 1/28/2025
- 1/29/2025
- 1/30/2025
- 2/4/2025
- 2/7/2025
- 2/14/2025
- 2/17/2025
- 2/18/2025
- 2/23/2025
- 2/24/2025
- 2/25/2025
- 2/26/2025
- 2/28/2025
- 3/1/2025
- 3/2/2025



2025 Project Schedule

Changed to a multi-year
Pre-qualification
Process

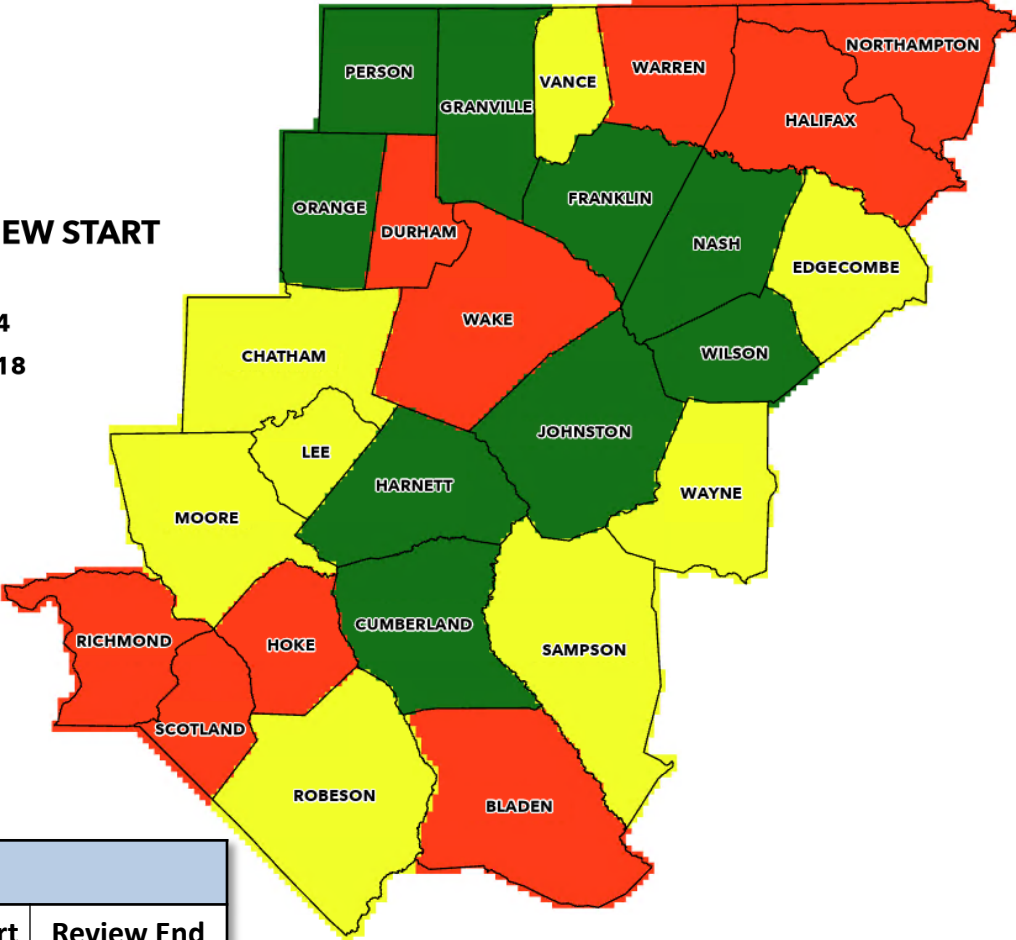
Status	Production Tasks to complete prior to Quality Control Start:
100%	• Attachment C-1 – Control Surveys Report
50%	• Attachment D – Imagery Acquisition Compliance Report
25%	• Attachment E – GNSS-IMU Post Processing & Aerotriangulation Report
100%	• Radiometry Exploitation Sample
100%	• Radiometry Tile Samples
Pending	• Radiometry Web Map Service of Entire Project Area



2025 End User Quality Review

QUALITY REVIEW START

- 1 - JULY 21
- 2 - AUGUST 4
- 3 - AUGUST 18



2025 Orthoimagery Review Schedule								
County	Review Start	Review End	County	Review Start	Review End	County	Review Start	Review End
Cumberland	21-Jul	15-Aug	Chatham	4-Aug	29-Aug	Bladen	18-Aug	12-Sep
Franklin	21-Jul	15-Aug	Edgecombe	4-Aug	29-Aug	Durham	18-Aug	12-Sep
Granville	21-Jul	15-Aug	Lee	4-Aug	29-Aug	Halifax	18-Aug	12-Sep
Harnett	21-Jul	15-Aug	Moore	4-Aug	29-Aug	Hoke	18-Aug	12-Sep
Johnston	21-Jul	15-Aug	Robeson	4-Aug	29-Aug	Northampton	18-Aug	12-Sep
Nash	21-Jul	15-Aug	Sampson	4-Aug	29-Aug	Richmond	18-Aug	12-Sep
Orange	21-Jul	15-Aug	Vance	4-Aug	29-Aug	Scotland	18-Aug	12-Sep
Person	21-Jul	15-Aug	Wayne	4-Aug	29-Aug	Wake	18-Aug	12-Sep
Wilson	21-Jul	15-Aug				Warren	18-Aug	12-Sep

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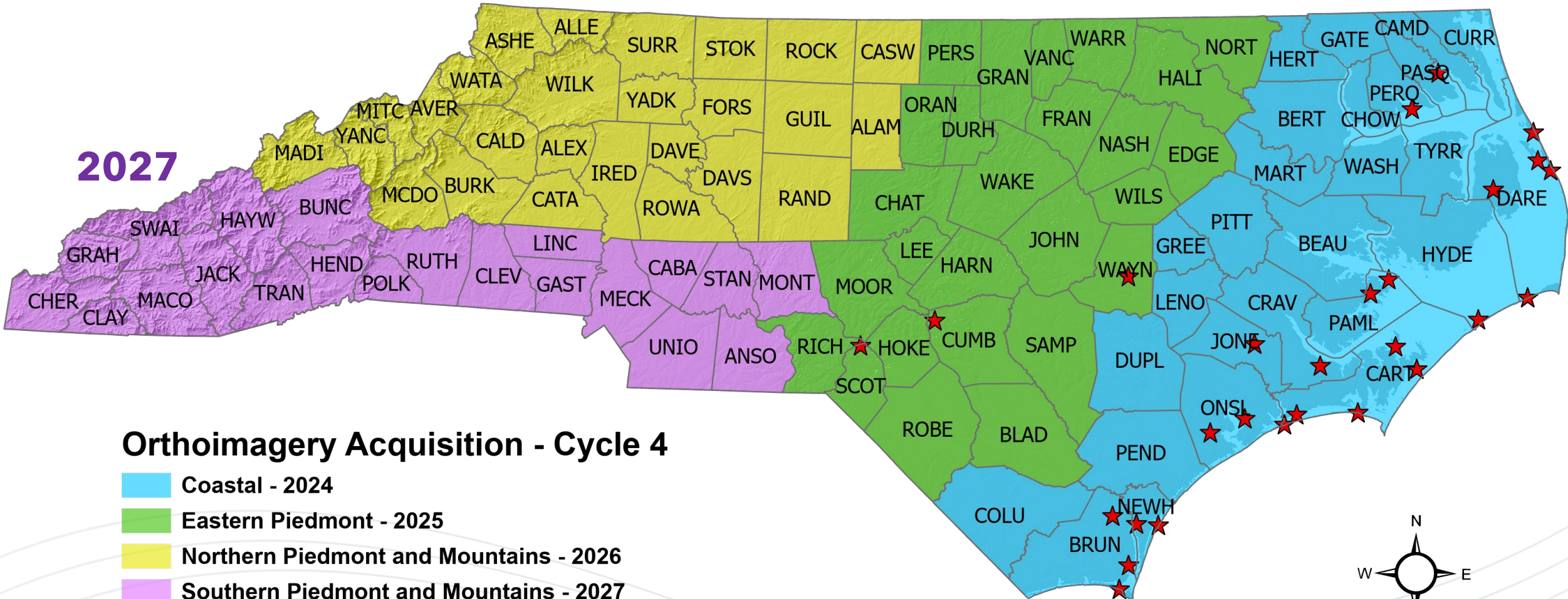
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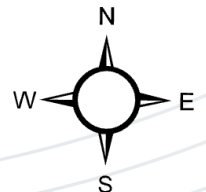
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<https://www.nconemap.gov/pages/imagery>