quantum SPATIAL

NAIP POST-MORTEM BRIEF

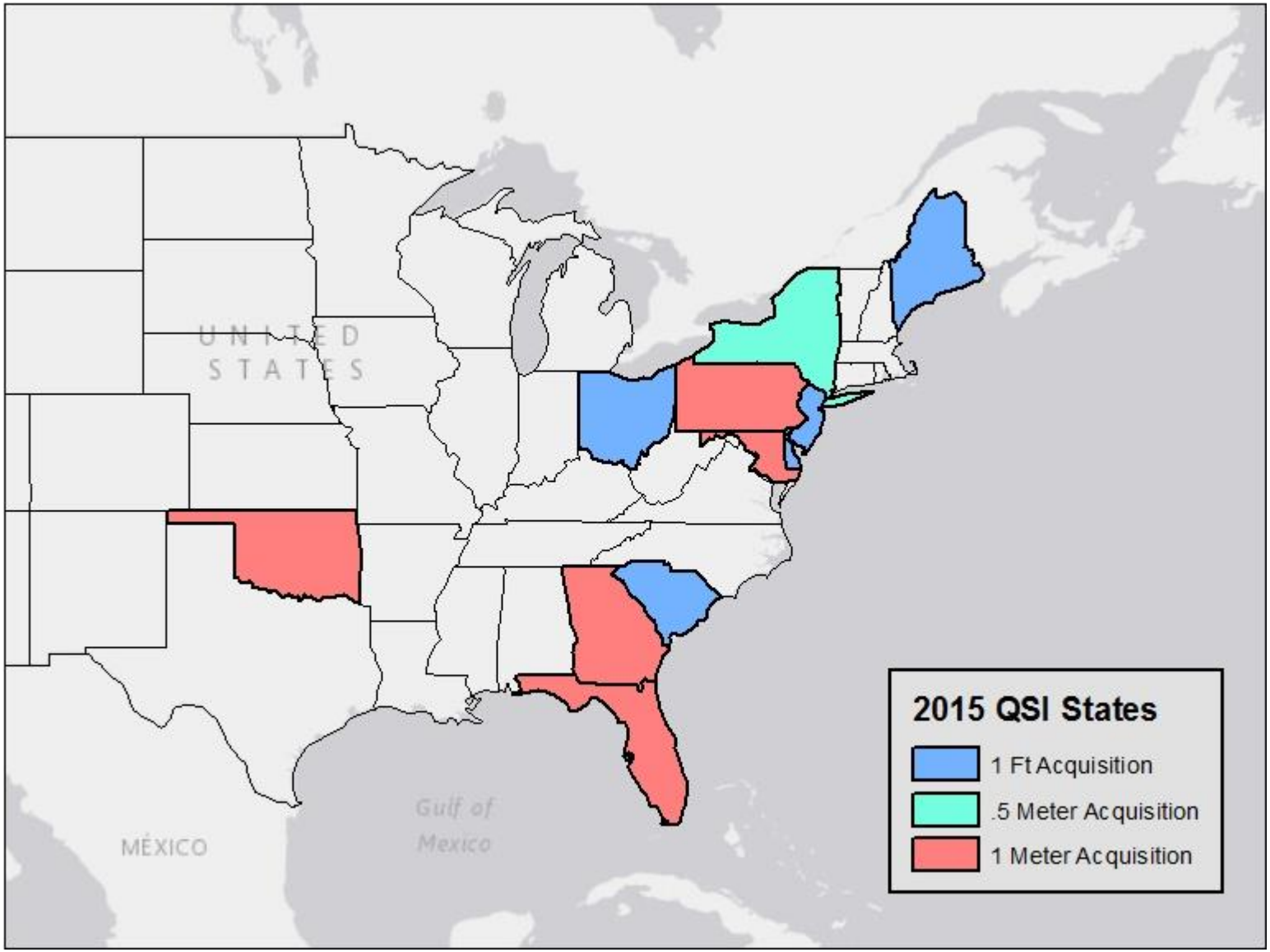
2015

Peter Briere – GA
Joel Burroughs - KY
KC Love - DC

Award Summary

State	DOQQs
DE	176
FL	3,956
GA	3,913
MD	902
ME	2,754
NJ	634
NY; 50cm	3,880
OH	3,049
OK	4,815
PA	3,343
SC	2,152
Total	**29,574**

Super-resolution test lines over Tulsa, OK


UNITED STATES
MÉXICO
Gulf of Mexico
2015 QSI States
1 Ft Acquisition
.5 Meter Acquisition
1 Meter Acquisition

Resources

Sensors

7 ADS100 (4 QSI-owned, 3 lease)

1 ADS81 (QSI-owned)

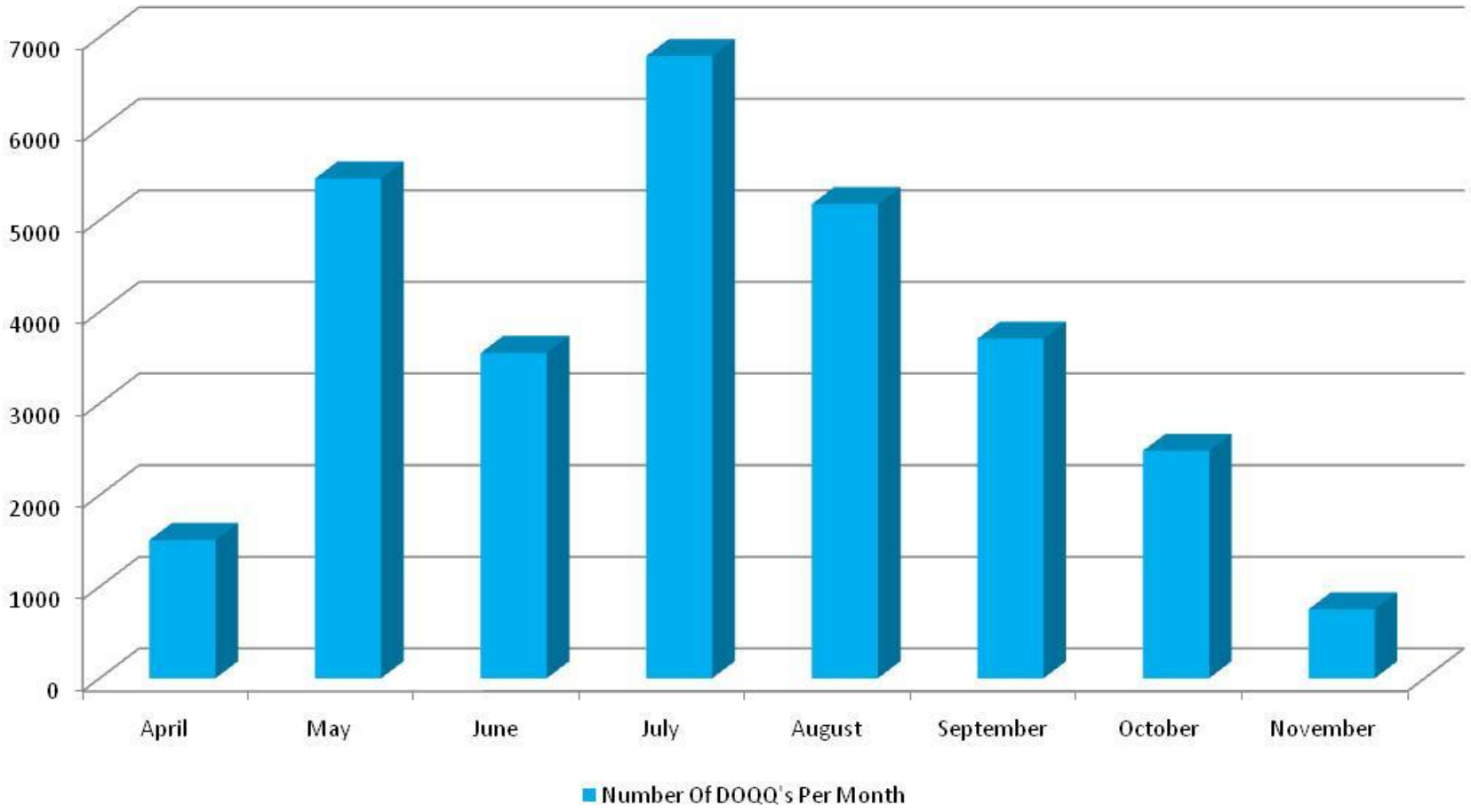
Aircraft

(4 QSI-owned, 6 lease)

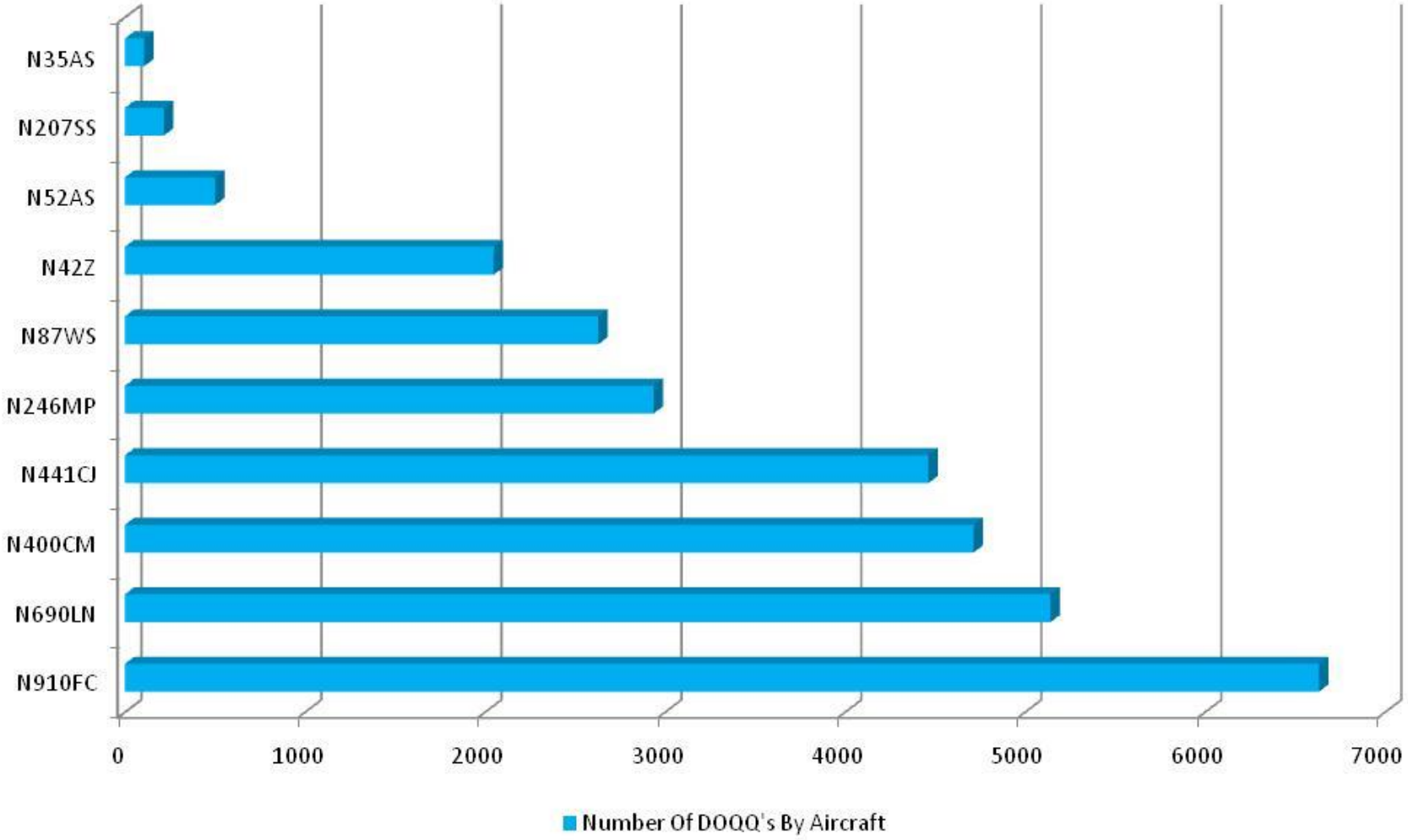
Lease partners Keystone, Aerial Surveys, Aerial Services, DAS, Dynamic Aviation, Hexagon (sensors)

AeroCommander (690LN, 910FC)
Conquest (441CJ, 87WS, 207SS)
Piper Cheyenne (400CM, 52AS)
King Air (42Z)
Piper Navajo (35AS)
Cessna 402C (246MP)

Number of DOQQ's Acquired Per Month



Number of DOQQ's Acquired Per Aircraft

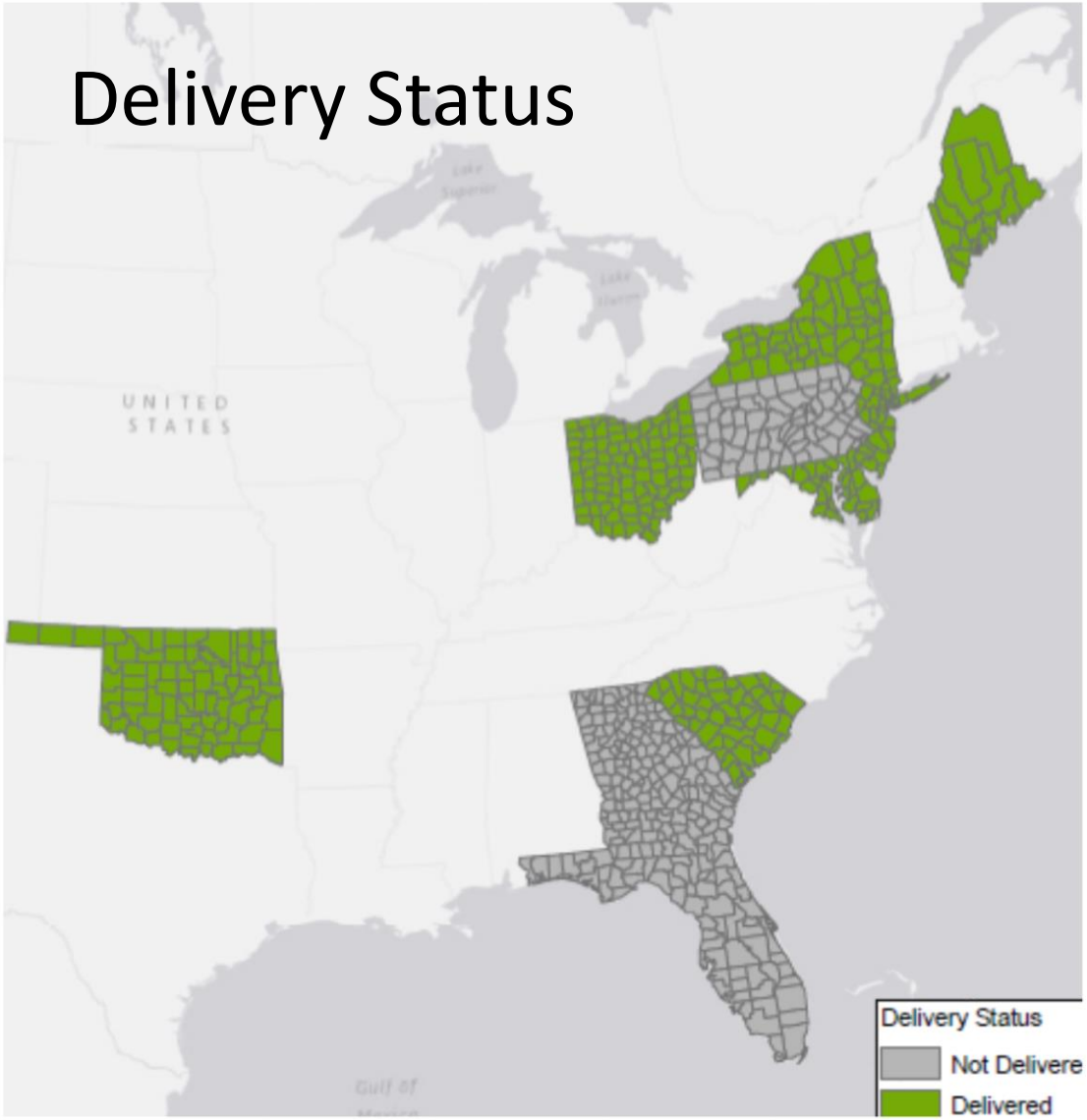


Accuracy Summary Statistics

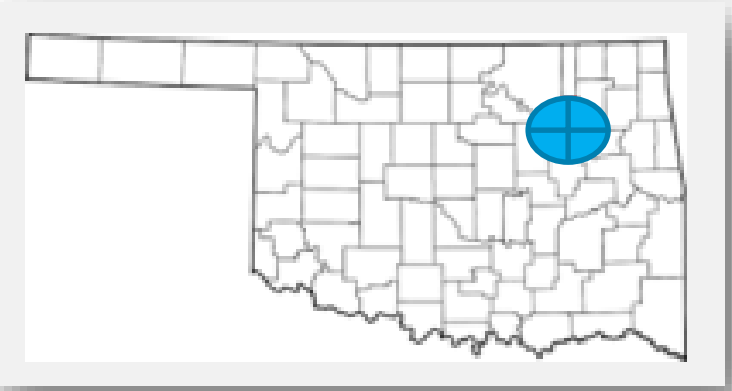
State	Ground Pts	RMSEr (m)	Accuracy r at 95% (m)
Oklahoma	33	1.15	1.99
Delaware	4	0.78	1.36
S Carolina	21	0.80	1.39
Maryland	7	1.27	2.21
N Jersey	7	0.91	1.58
Maine	21	1.05	1.82
New York	38	1.33	2.29

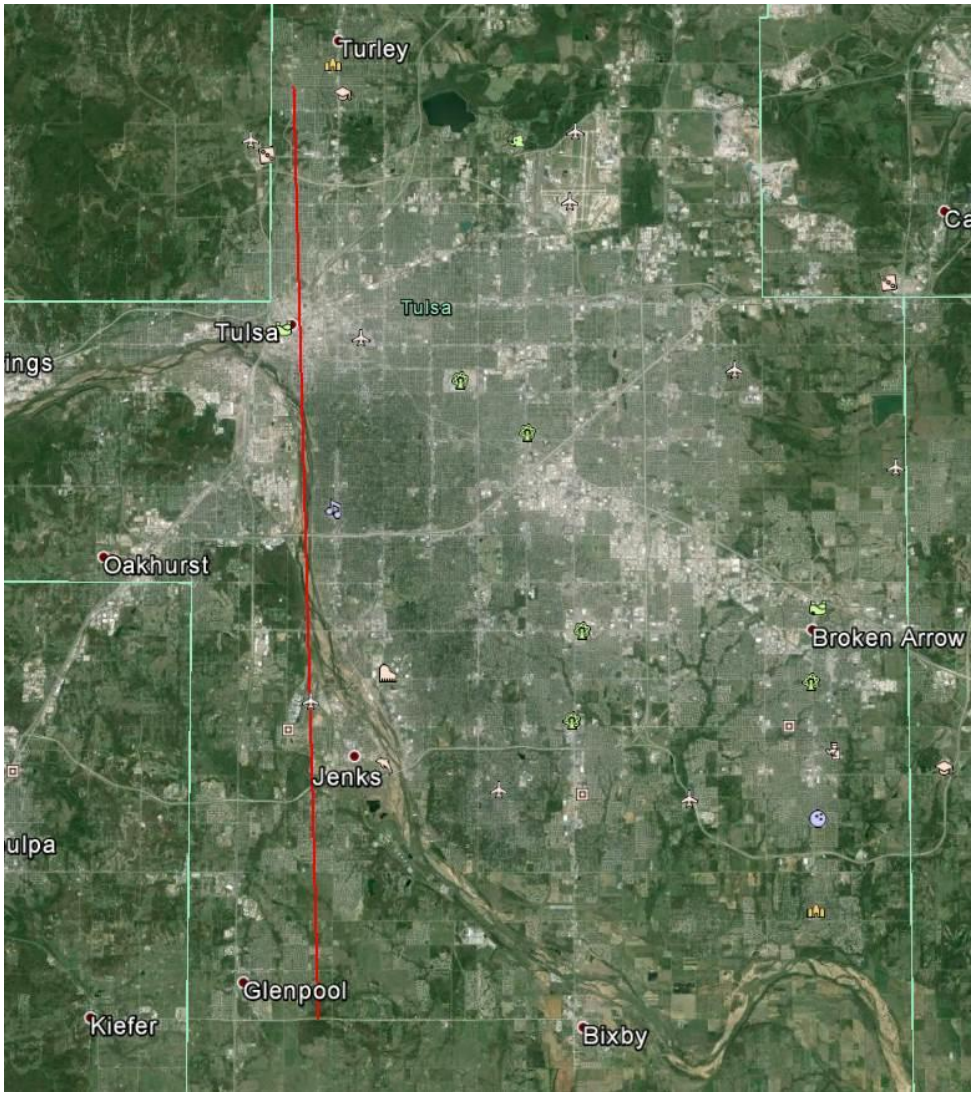
2014 State	Ground Pts	RMSEr (m)	Accuracy r	
Illinois	46	1.66	2.88	← High
Massachusetts	11	0.80	1.38	← Low
N Carolina	40	1.21	2.09	

Delivery Status

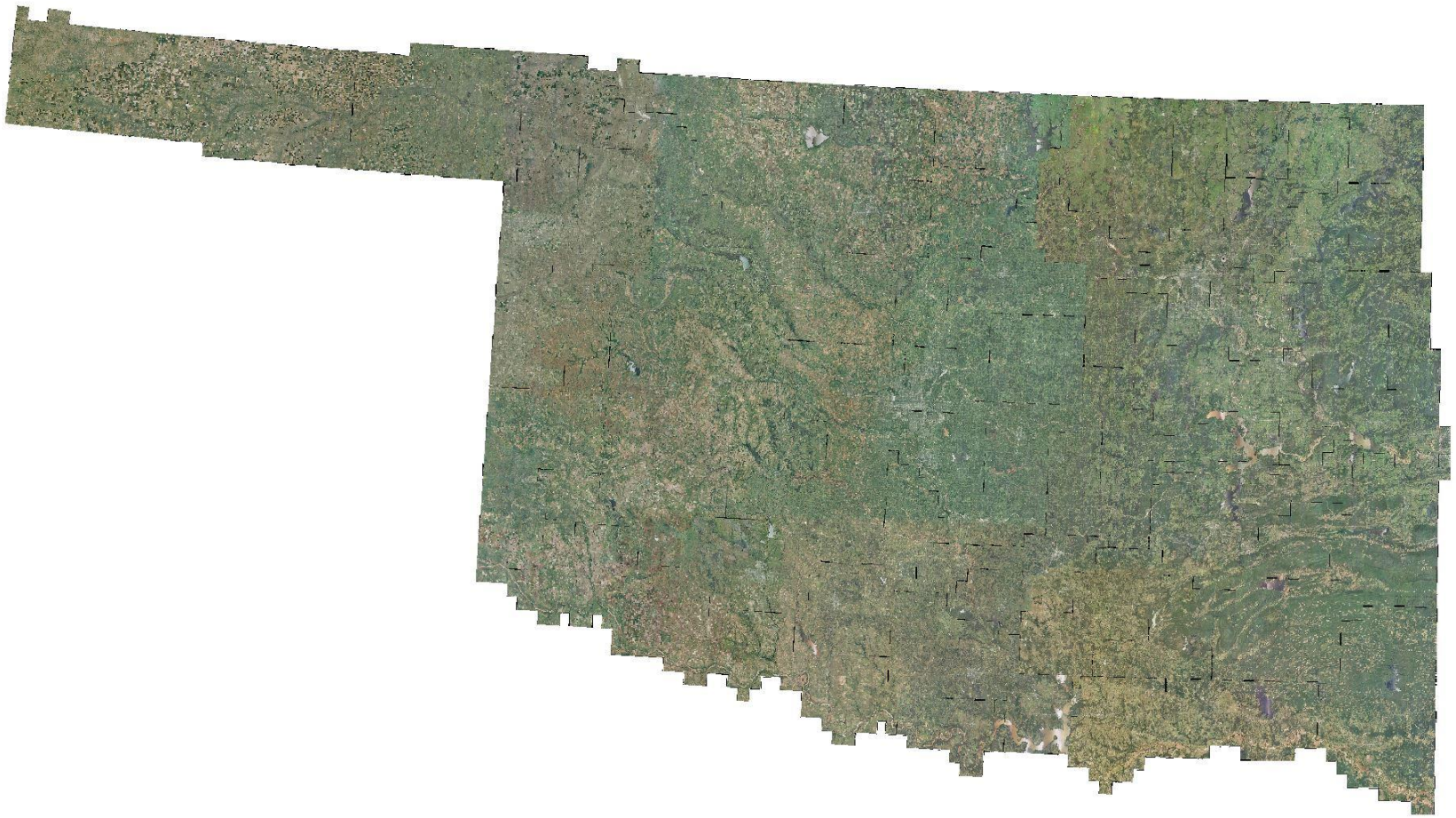


Super-resolution pilot area

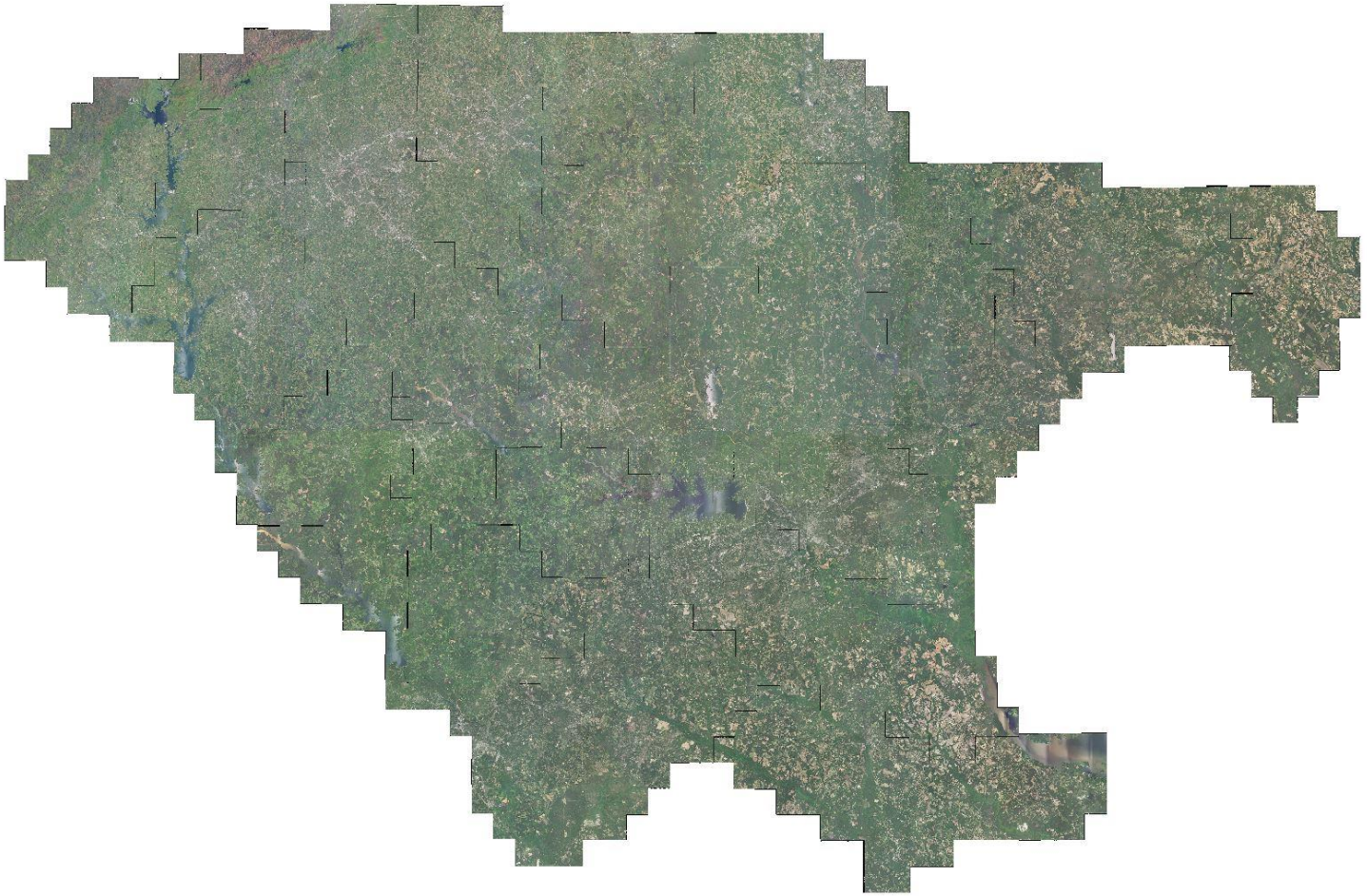




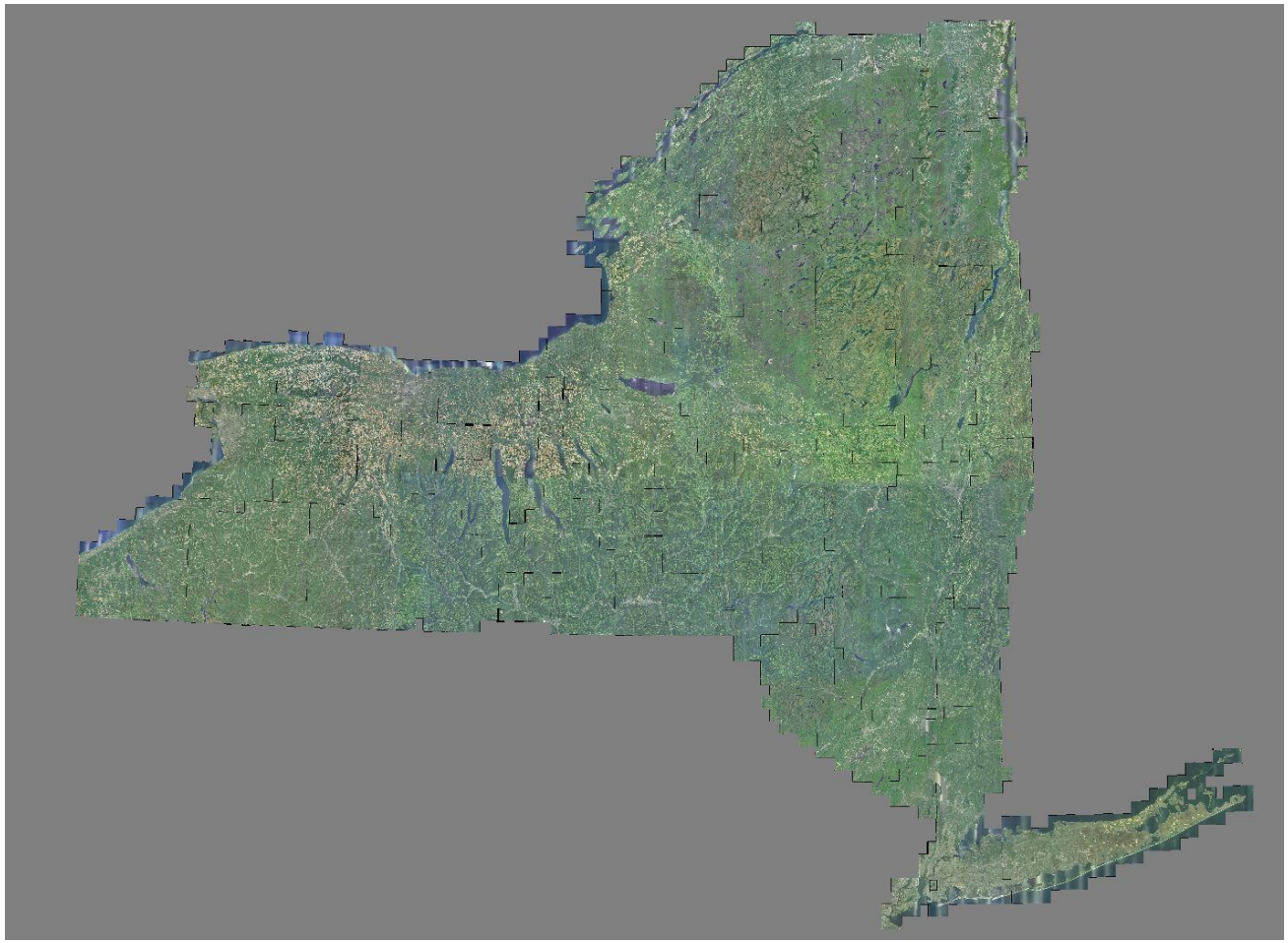
Oklahoma



South Carolina



New York



Delaware and New Jersey

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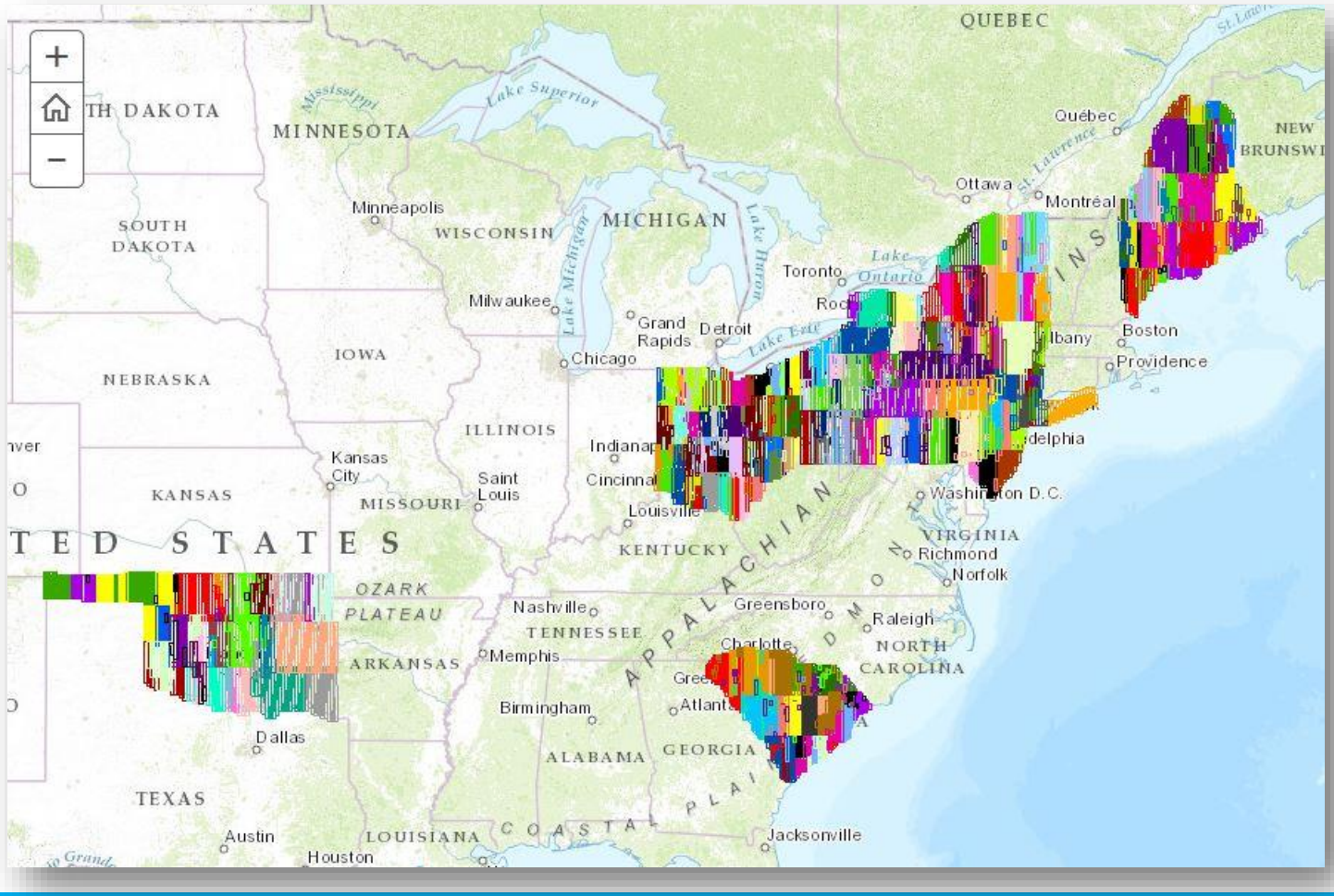
2015 Quantum Summary

11 State Tasks
First year for Quantum Spatial flying ADS100 sensors
First ½-meter NAIP state task
First year participating in HxIP acquisitions (5 states)
SC doqqs and ccms all shipped by July 28
FL acquisition challenged

Early Access Web Services

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