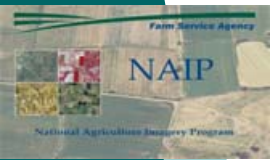
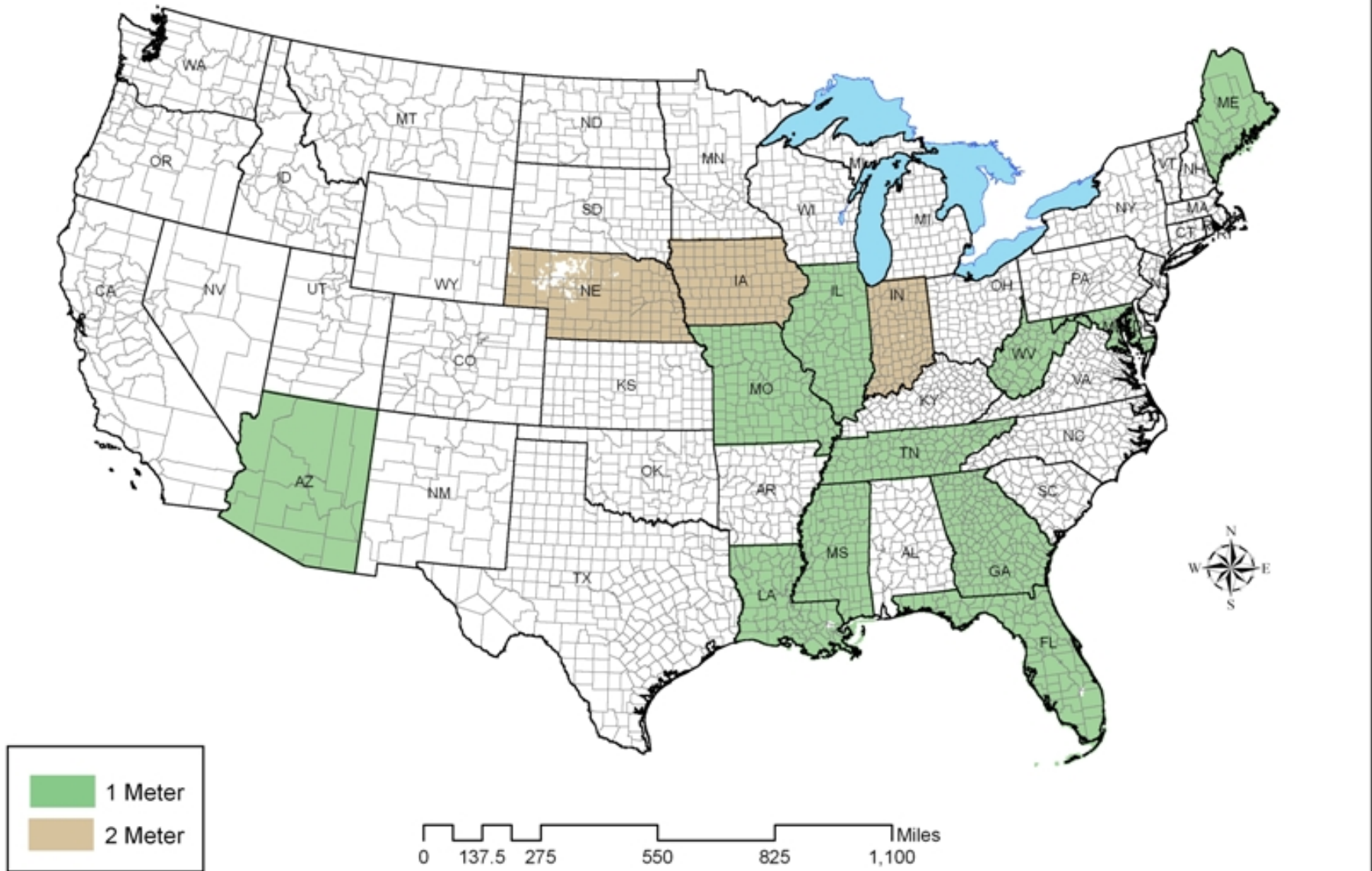


2007 NAIP Post-Mortem Review

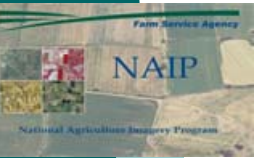


John Mootz

2007 NAIP Coverage



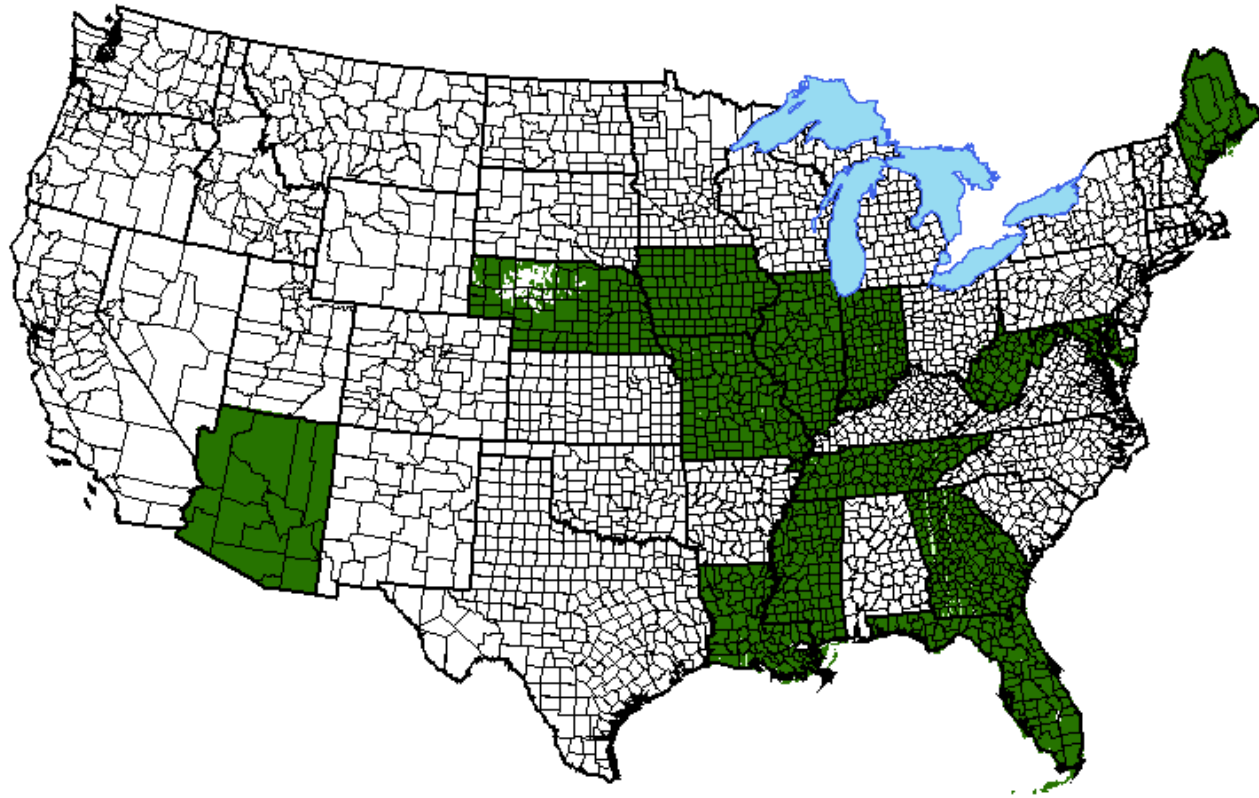
2007 Contract Changes


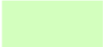


- Flight Planning data
 - Both shapefile & station files provided
- New “histogram” specifications
- Preproduction sample required within 21 days of 1st flight
 - STO/Partners no longer review samples

November 15, 2007

2007 NAIP Imagery Status

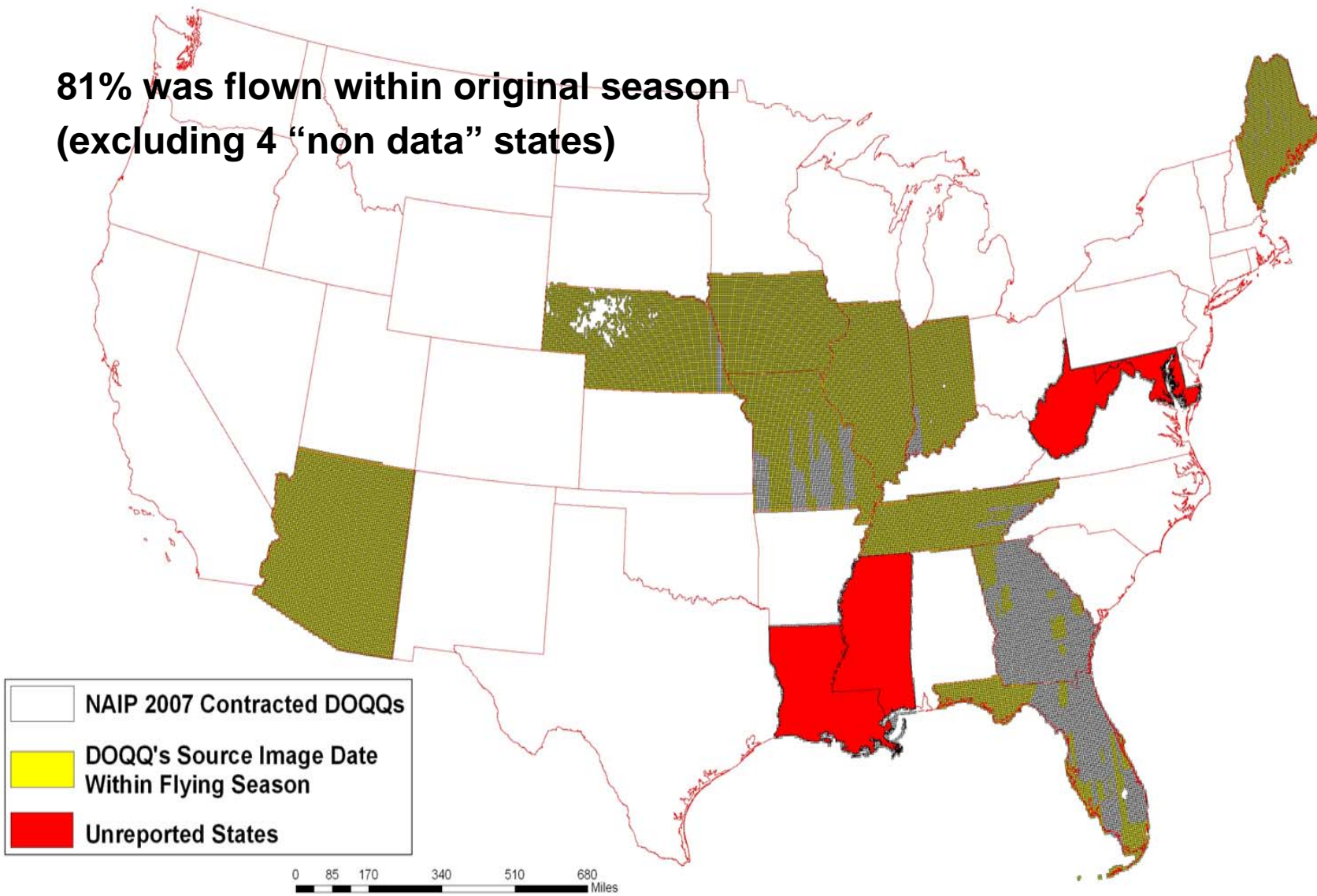


-  AREAS FLOWN
-  AREAS CONTRACTED

99.6% Acquired

NAIP 2007 DOQQ Source Image Date vs Flying Seasons

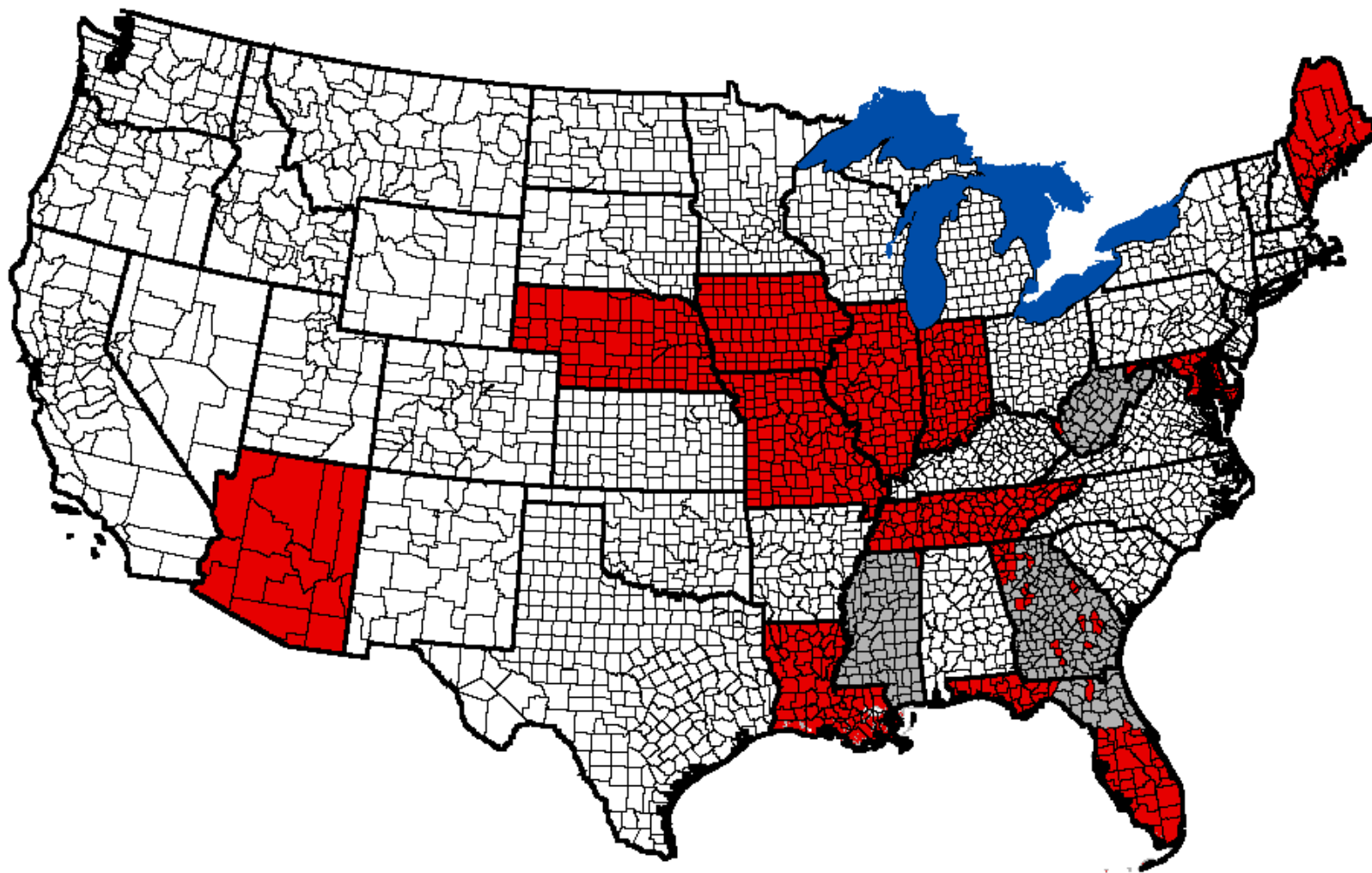
**81% was flown within original season
(excluding 4 "non data" states)**





This map illustrates NAIP 2007 DOQQ flying seasons versus source image dates. DOQQs that have a source image date within a flying season are in yellow. If the source image date is before or after a flying season, there is no color fill. Note: this map does not take into account season extensions. Also, as of 11/19/2007, there is no data for Louisiana, West Virginia, Mississippi, or Maryland

2007 NAIP COMPRESSED COUNTY MOSAICS (CCM)

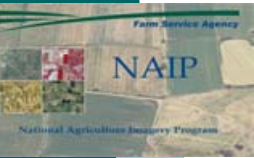
November 16, 2007



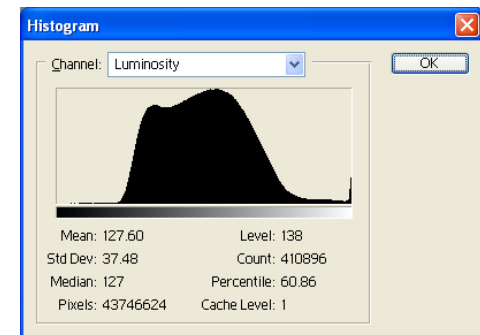
 COUNTIES AVAILABLE
 COUNTIES CONTRACTED

73% of DOQQs received

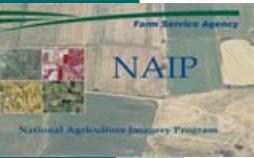
3001 Inc.



- 1 state: Florida
- Season extensions
 - Season 1: delayed due to smoke
 - Season 2: summer weather
- Lessons learned
 - Coastal imagery caused multi-peak histograms



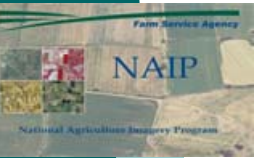
Aerial Services Inc.



- 3 states: Illinois, Iowa, Maine
- Season extensions
 - ME: 10 days (plane incident)
- Lessons learned
 - Due to contract number error, had to retile 81 rolls of film



North West



- 2 states: Arizona, Indiana
- Season extensions
 - IN: Poor weather
- AZ was pilot for 4-band; absolute control; and seamline shapeline
- Lessons learned
 - Challenge color correcting 4-band
 - Seamline file had "pixel pockets"

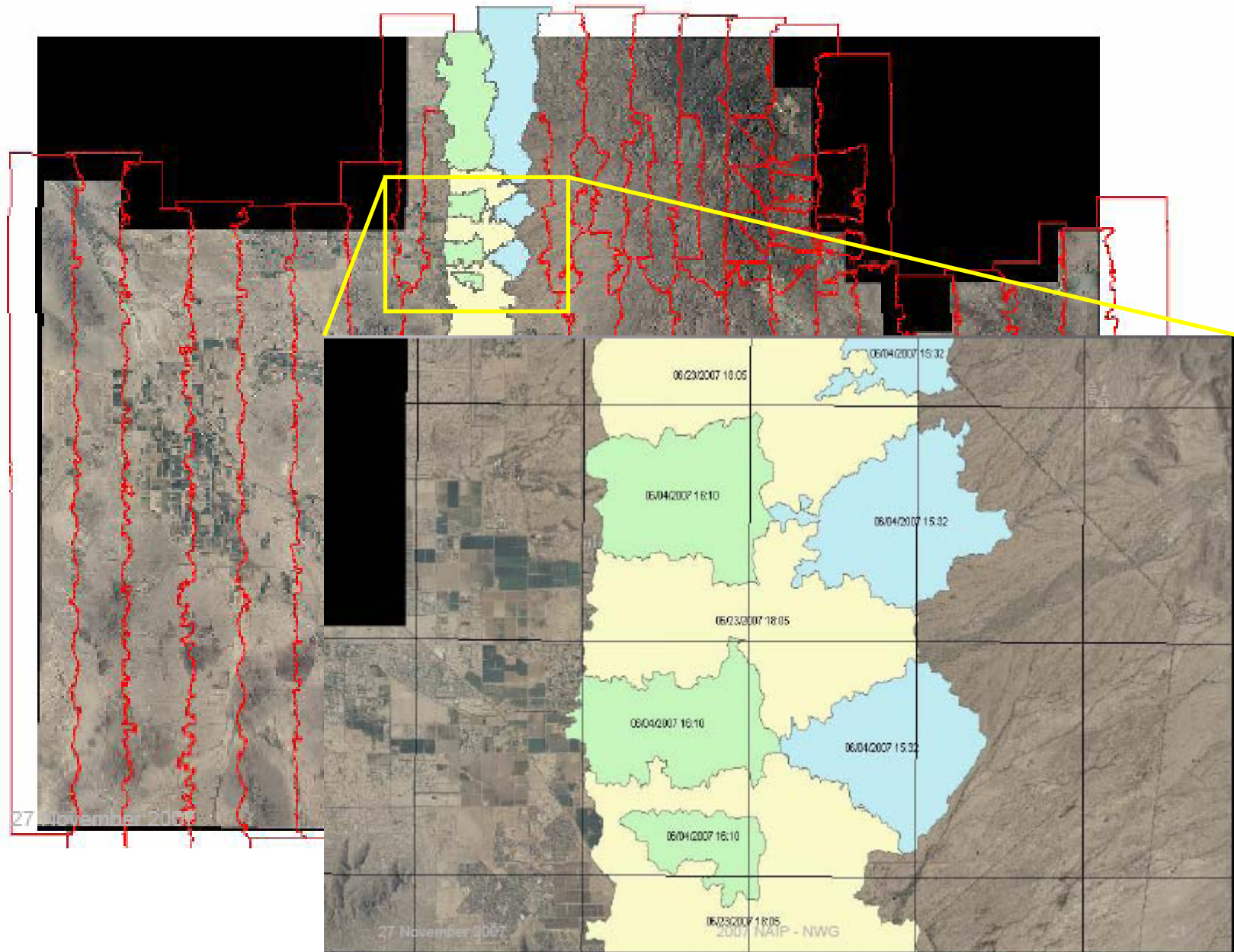
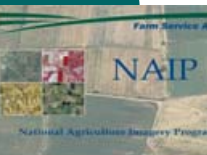
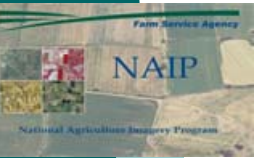
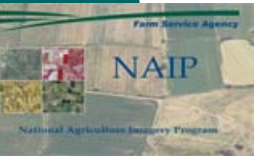


Photo Science

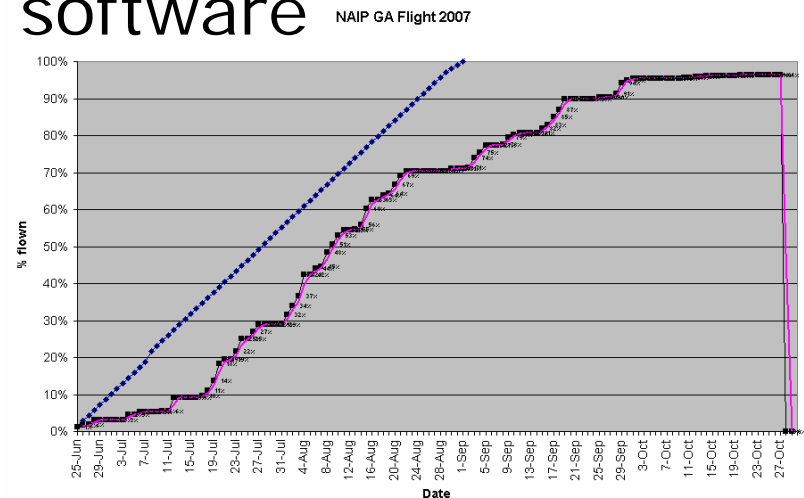


- 4 states: MD, MS, NE, WV
- Season extensions
 - All: poor weather
- Lessons learned
 - Undocumented MOAs
 - Post-processing DMC imagery

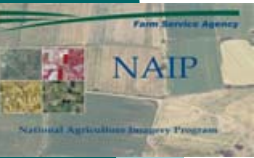
Sanborn



- 1 state: Georgia
- Season extensions
 - Poor weather
- Lessons learned
 - Switched to COTS software

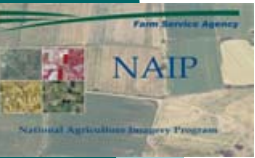


Surdex



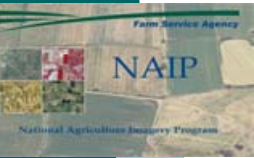
- 3 states: LA, MO, TN
- Season extensions
 - All: poor weather
- Lessons learned
 - New mandatory FAA inspections (specifically Conquests) will increase future cost

Pilot Projects



- Seamline Shapefile
 - Update specifications and requirements
 - Likely small pilot (state or two)
- 4-band Imagery
 - Likely expand to a few states
- Absolute Control
 - Likely expand to a few states

CCM Compression



- JPEG 2000
 - MrSID does not support 4-band
 - Need to standardize JPEG 2000 settings
 - Requesting information on recommended compression settings
- 2008 Pilot expected
 - Most likely a single 4-band state