

The Emerald Ash Borer: Identifying and Characterizing the Ash Resource



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EAB Life cycle



David Cappaert, Michigan State University, bugwood.org

Larvae



David Cappaert, Michigan State University, bugwood.org

Late instar larvae feeding on bark



Larval galleries under bark

EAB Life cycle



David Cappaert, Michigan State University, bugwood.org



David Cappaert, Michigan State University, bugwood.org



Daniel Herms, The Ohio State University, Bugwood.org

Adult – female lives 21 to 25 days

2-3 week maturation feeding on leaves

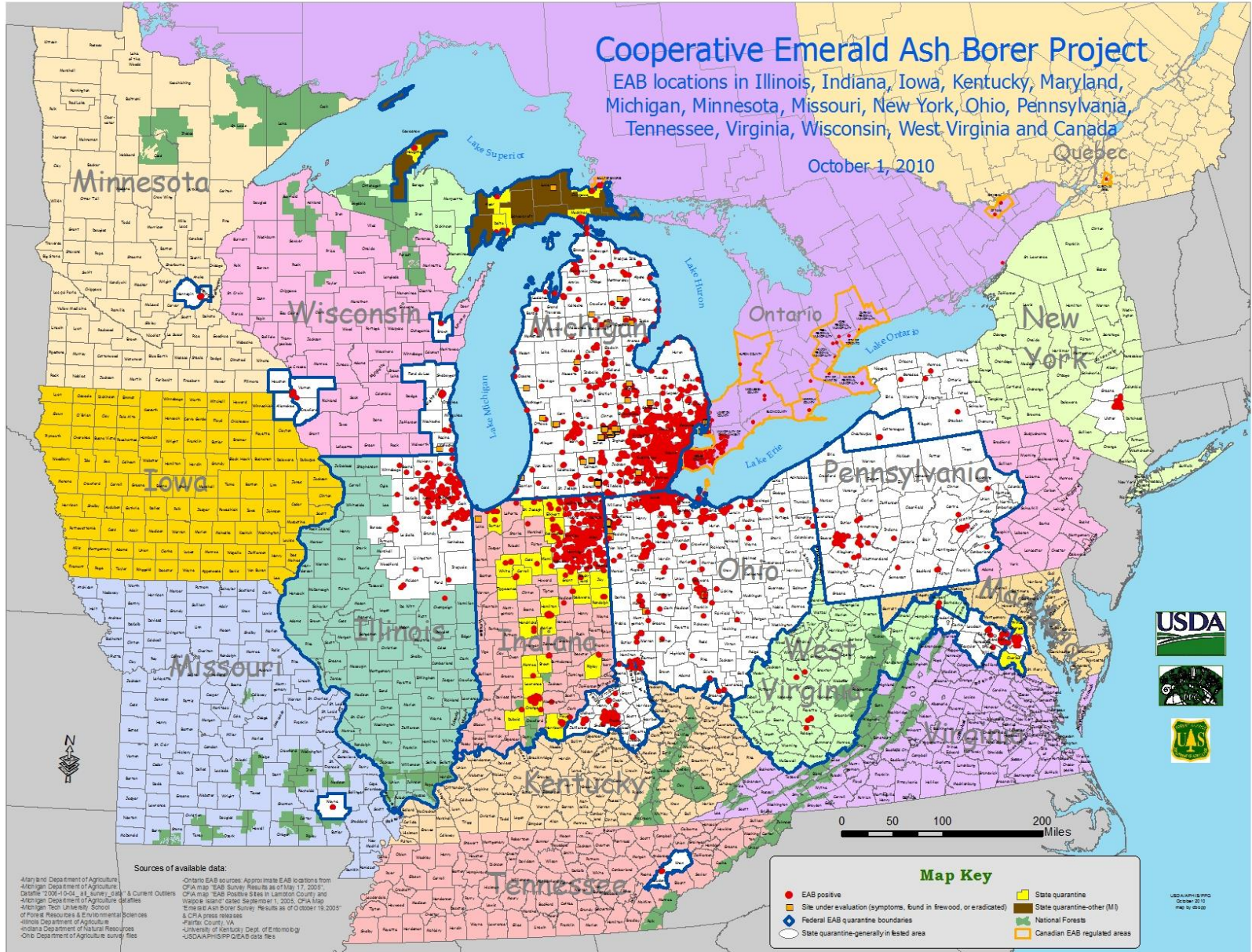
Female lays 60 to 90 eggs

October 2010

Cooperative Emerald Ash Borer Project

EAB locations in Illinois, Indiana, Iowa, Kentucky, Maryland, Michigan, Minnesota, Missouri, New York, Ohio, Pennsylvania, Tennessee, Virginia, Wisconsin, West Virginia and Canada

October 1, 2010



Sources of available data:

-Maryland Department of Agriculture
 -Michigan Department of Agriculture
 -Ontario Department of Agriculture
 -Pennsylvania Department of Agriculture
 -Virginia Department of Agriculture
 -West Virginia Department of Agriculture
 -Wisconsin Department of Agriculture
 -Illinois Department of Agriculture
 -Indiana Department of Agriculture
 -Iowa Department of Agriculture
 -Kentucky Department of Agriculture
 -Tennessee Department of Agriculture
 -Ohio Department of Agriculture
 -Minnesota Department of Agriculture
 -Missouri Department of Agriculture
 -New York Department of Agriculture
 -Quebec Department of Agriculture
 -USDA Forest Service
 -USDA APIS/PPQ/EAB data file


Map Key

- EAB positive
- ◆ Site under evaluation (symptoms, found in firewood, or eradicated)
- State quarantine
- State quarantine-other (M)
- National Forests
- Canadian EAB regulated areas
- State quarantine-generally in tested area



USDA APIS/PPQ
October 2010
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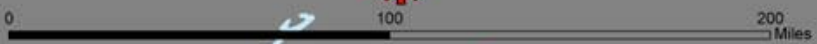
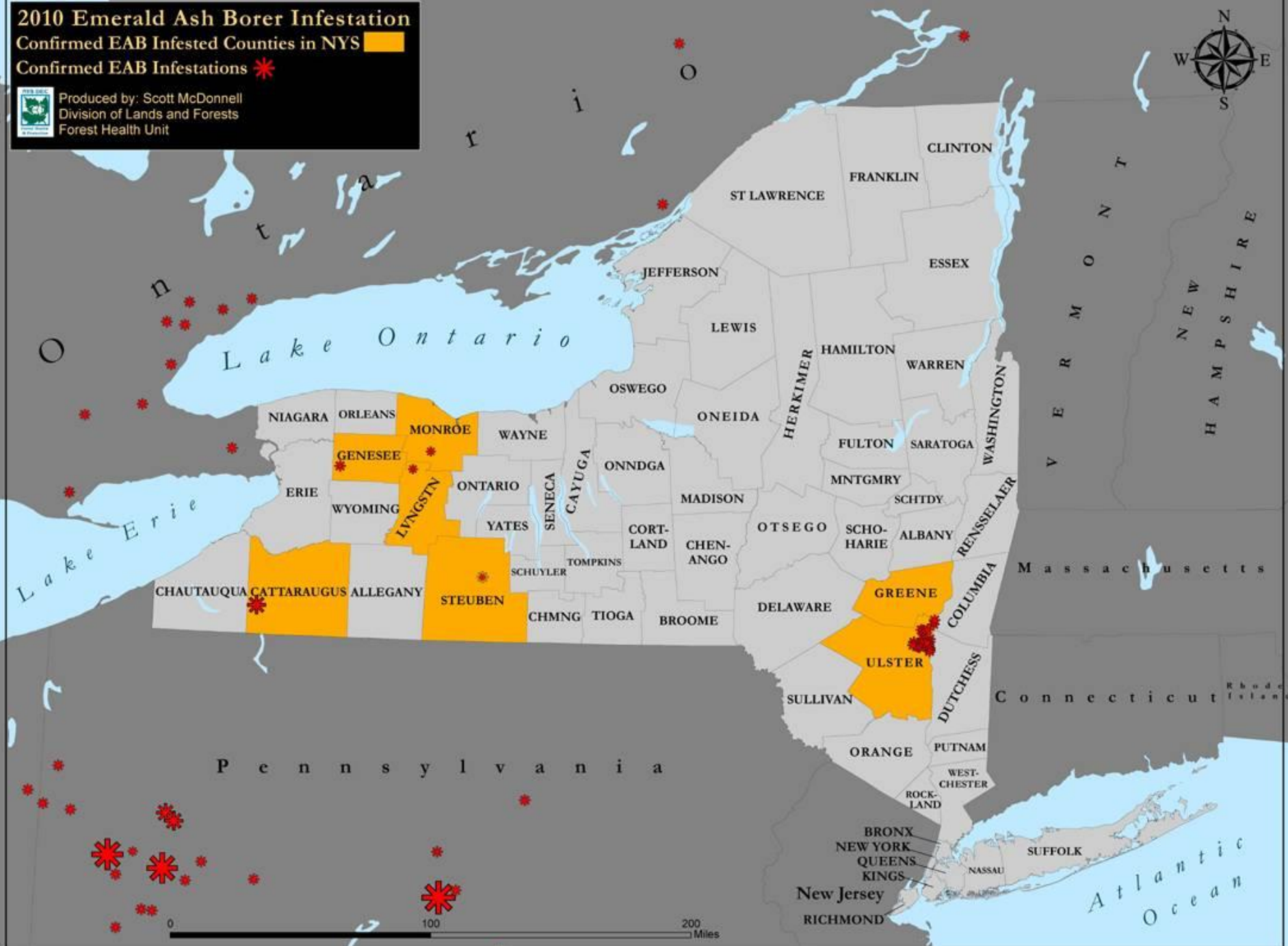
2010 Emerald Ash Borer Infestation

Confirmed EAB Infested Counties in NYS 

Confirmed EAB Infestations 

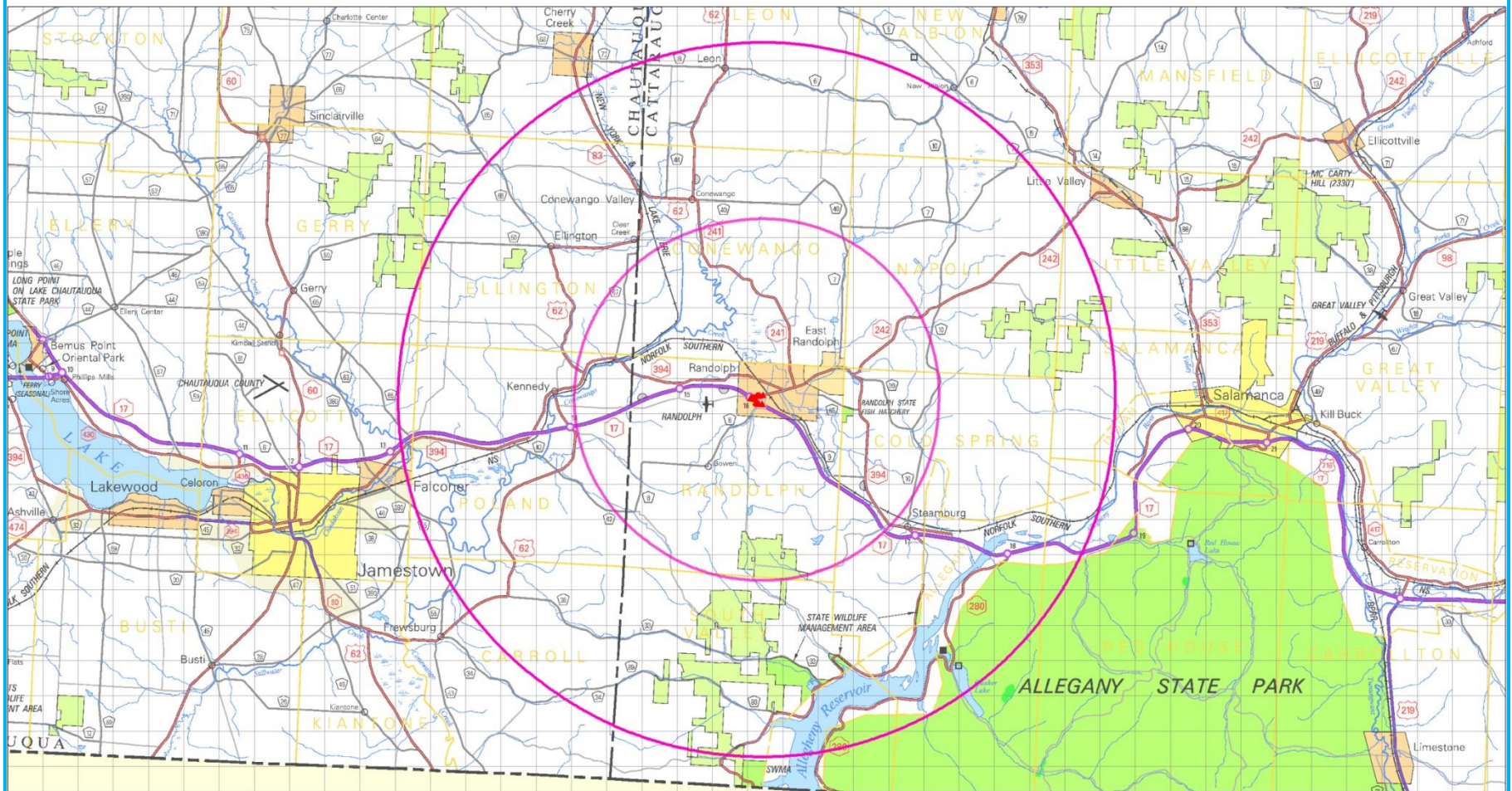


Produced by: Scott McDonnell
Division of Lands and Forests
Forest Health Unit



Randolph, NY

TEN MILE DELIMITING SURVEY - Randolph, Cattaraugus County
June 22, 2009



NYS Department of Agriculture & Markets
NYS Department of Environmental Conservation
USDA Animal and Plant Health Inspection Service

0 2 4 6 8 10 Miles

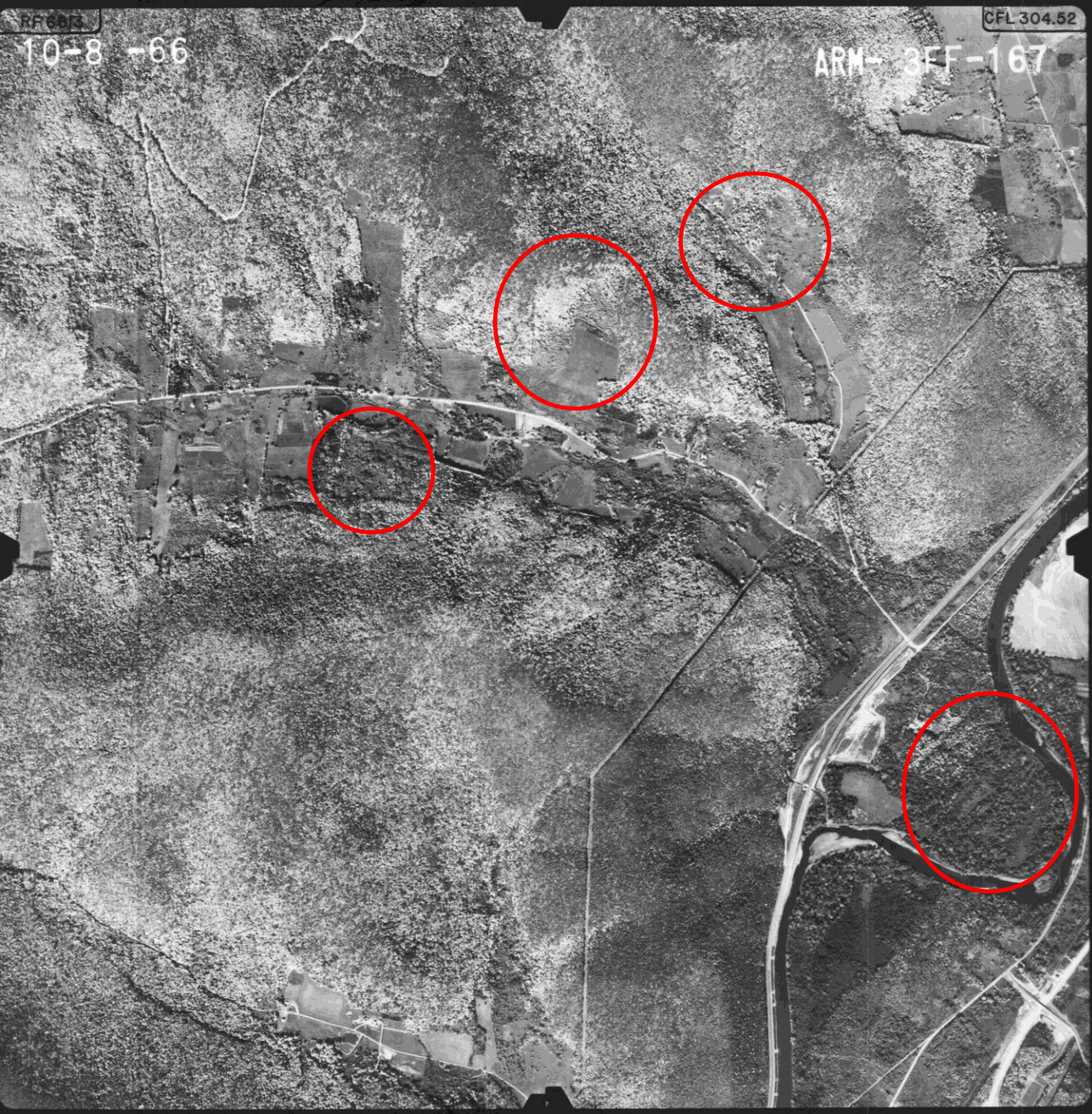


27SEP'56

ARM-4P



1956



10-8 -66

ARM- 3FF-167

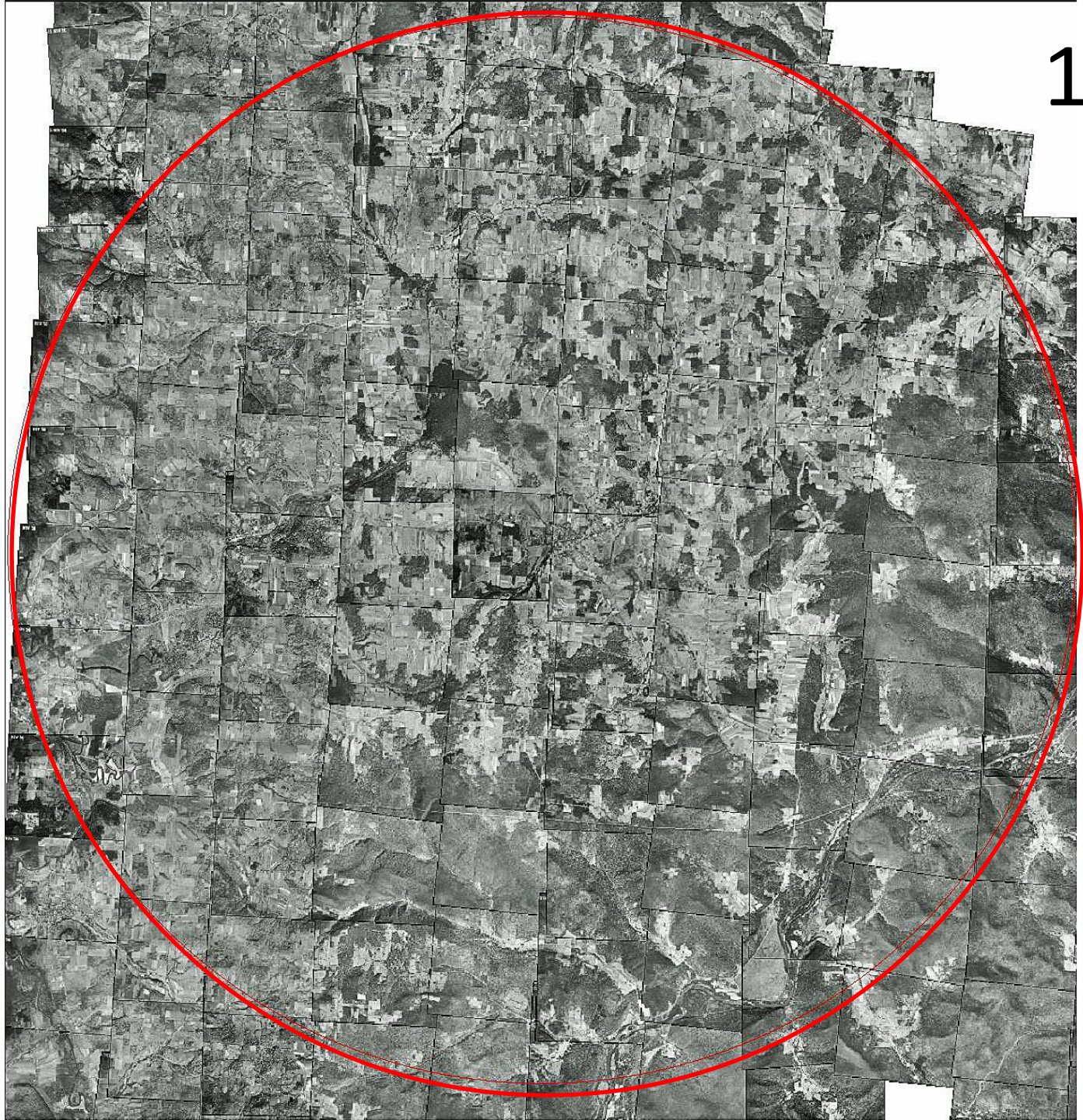
CFL 304.52

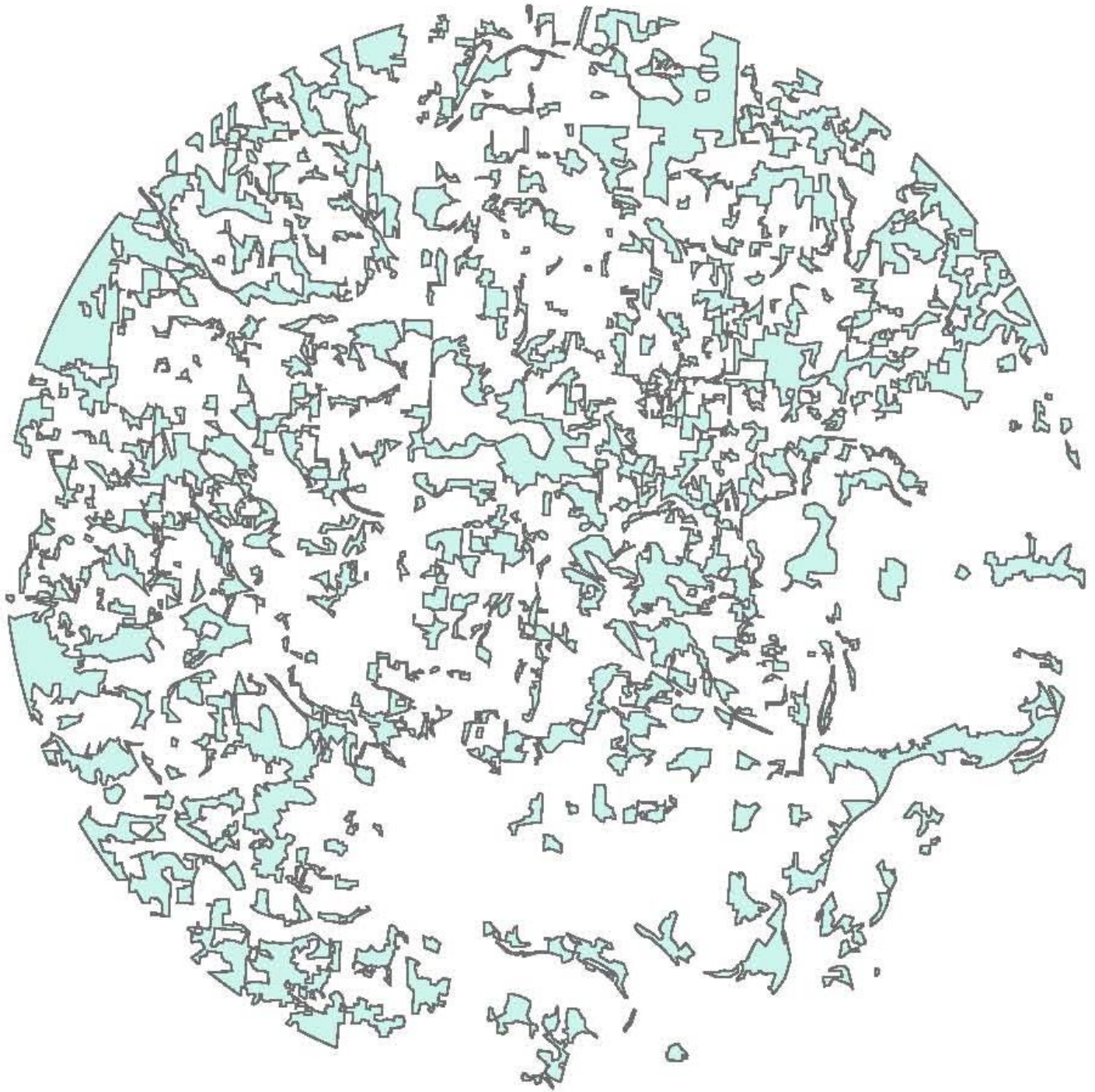
1966



2008

1956





1948 – 2008
Intersection