

Chapter VI Hazard Identification

Maps

2018 Historical Hurricane Tracks

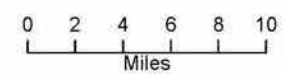
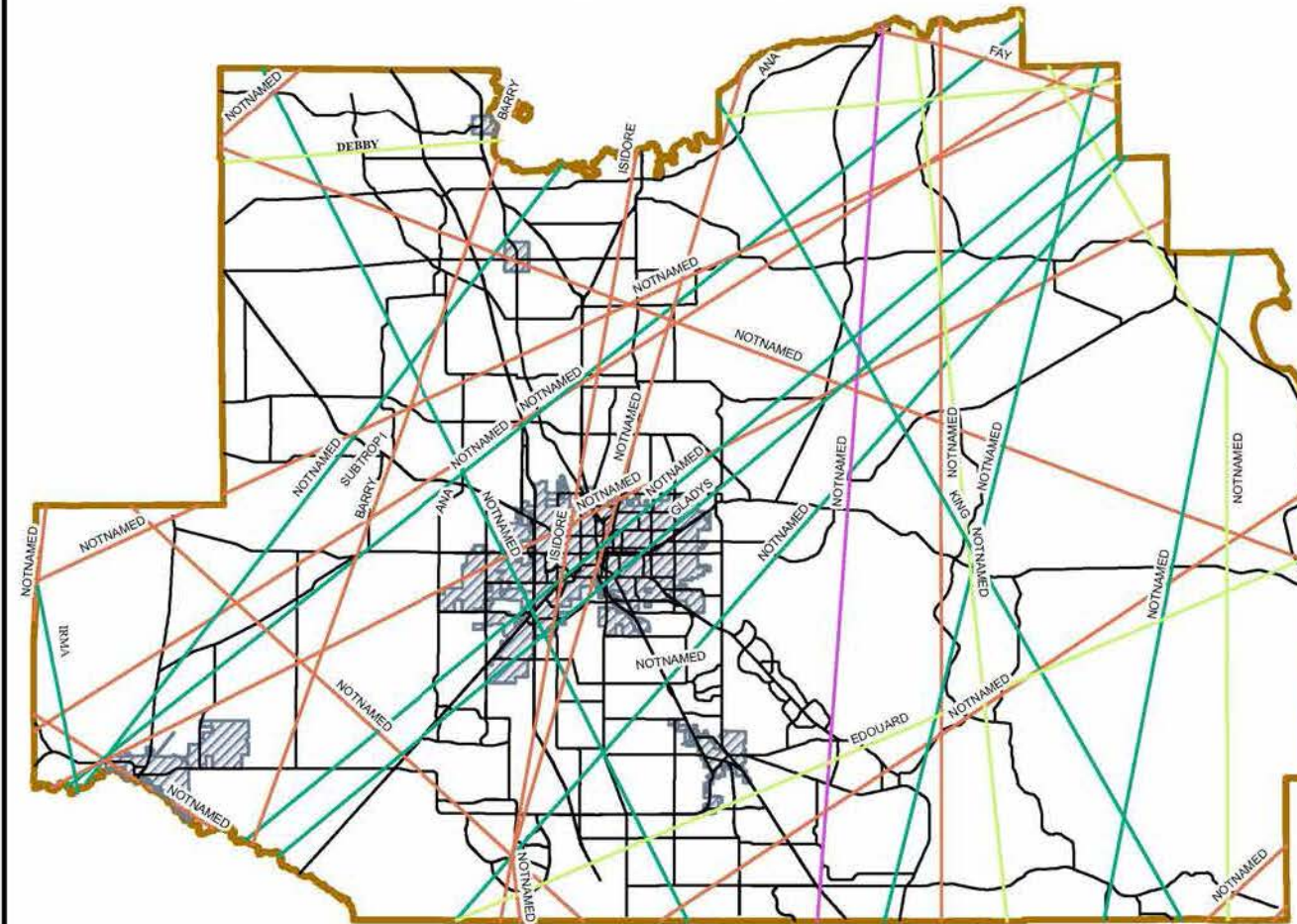
MARION COUNTY



Legend

Historical Hurricane Tracks Category

- Category 1
- Category 2
- Tropical Storm
- Tropical Depression
- Principal Roads
- Municipalities
- County Boundary



Map VI-1 Historic Hurricane Tracks

2008 & 2017 FIRM FLOOD ZONE

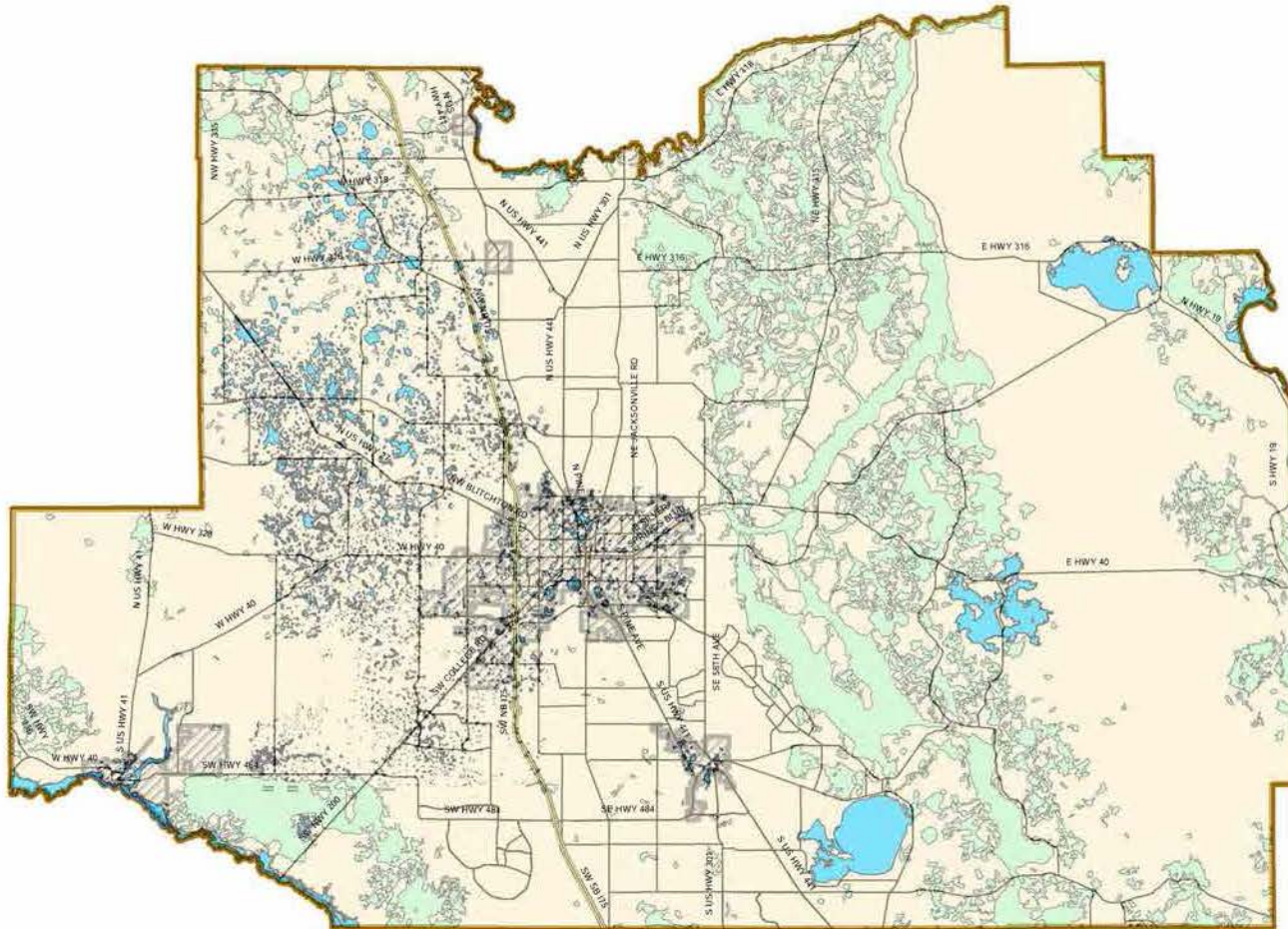
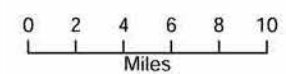
MARION COUNTY



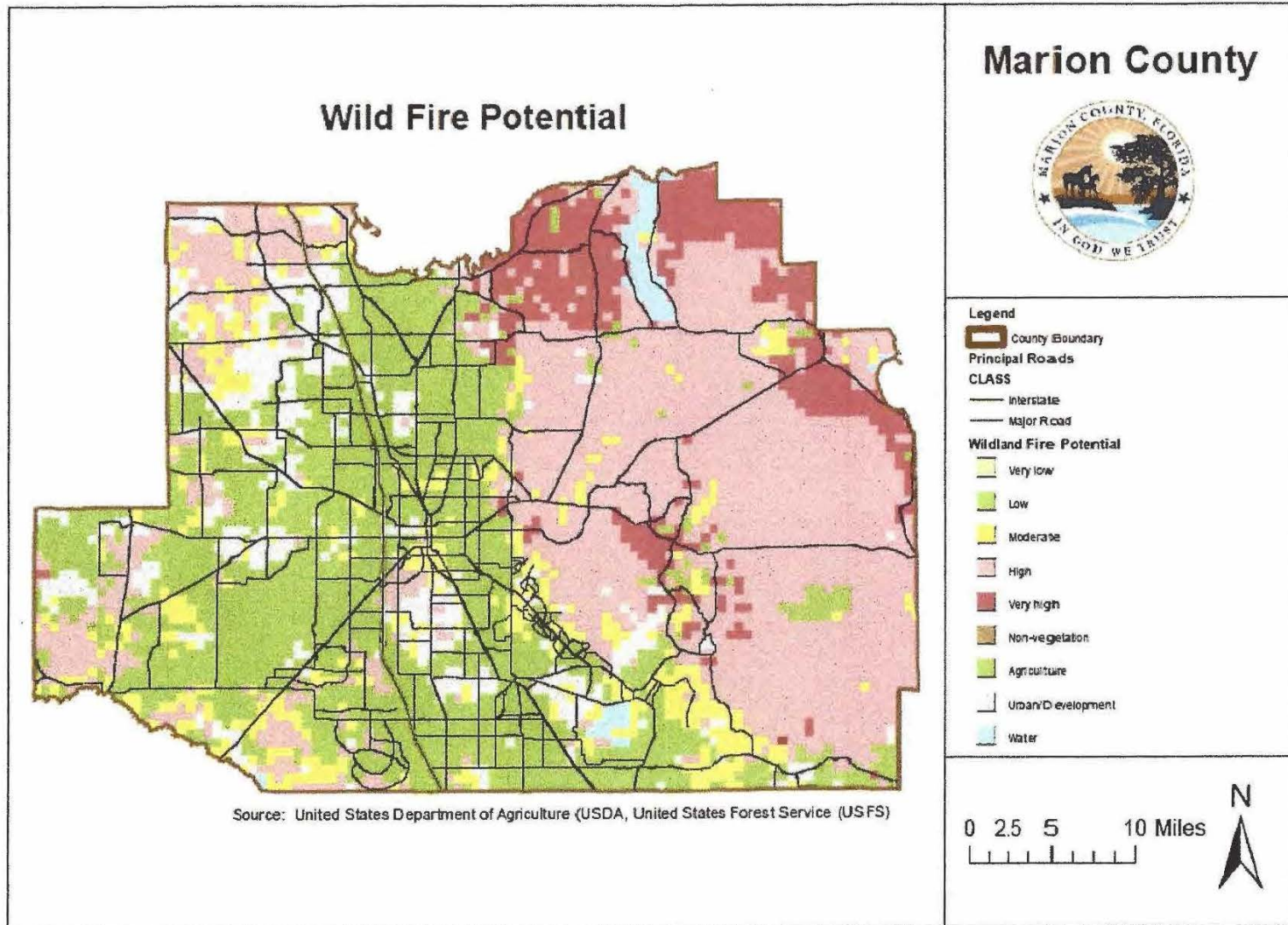
Legend

FLOOD ZONE

- A
- AE
- AH
- X
- Principal Roads
- Municipalities
- County Boundary



Map VI-2 Marion County FEMA Flood Zones



Map VI-4 Wildfire Potential

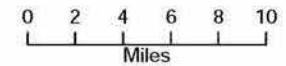
Sinkholes 2019

MARION COUNTY

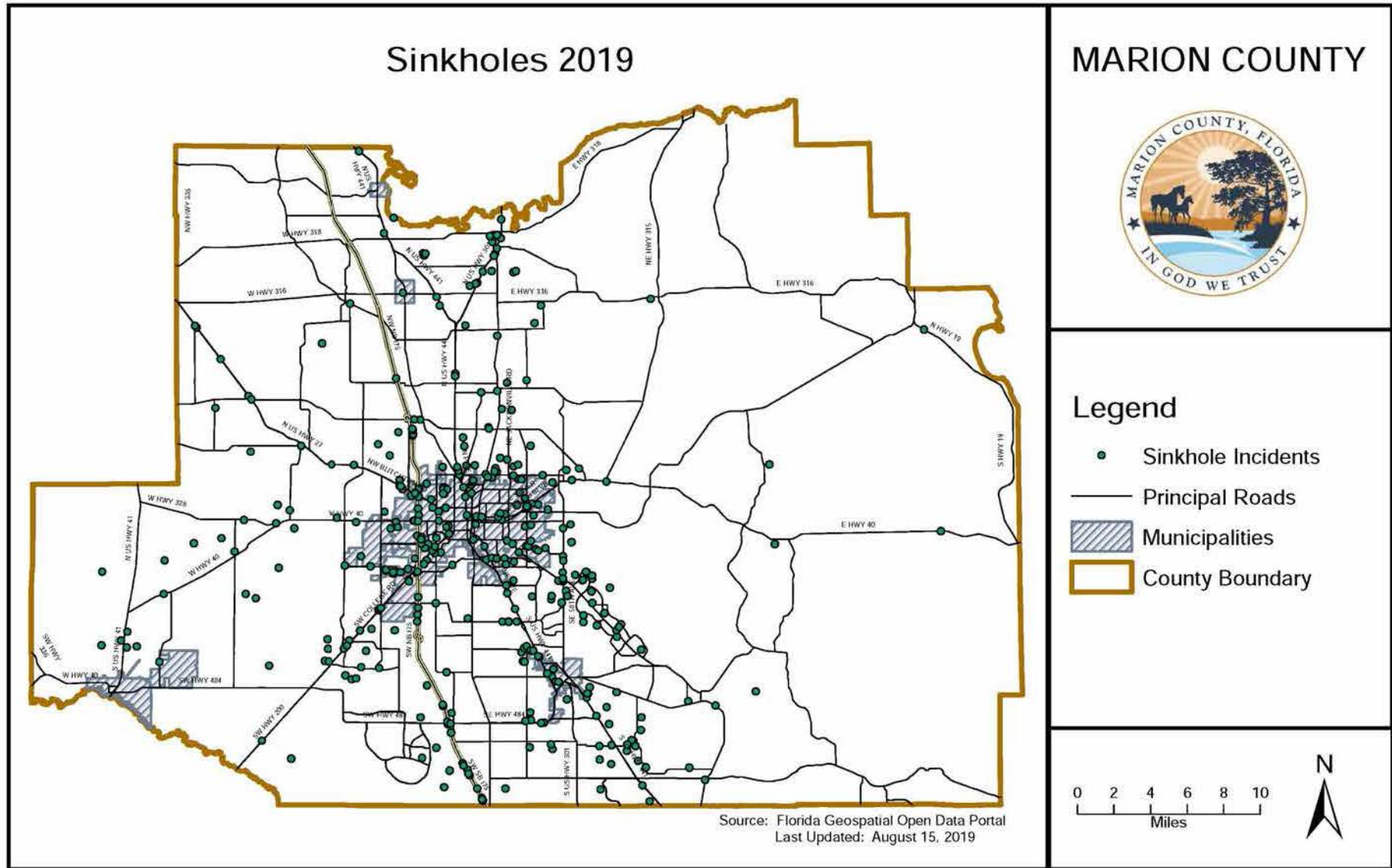


Legend

- Sinkhole Incidents
- Principal Roads
- Municipalities
- County Boundary



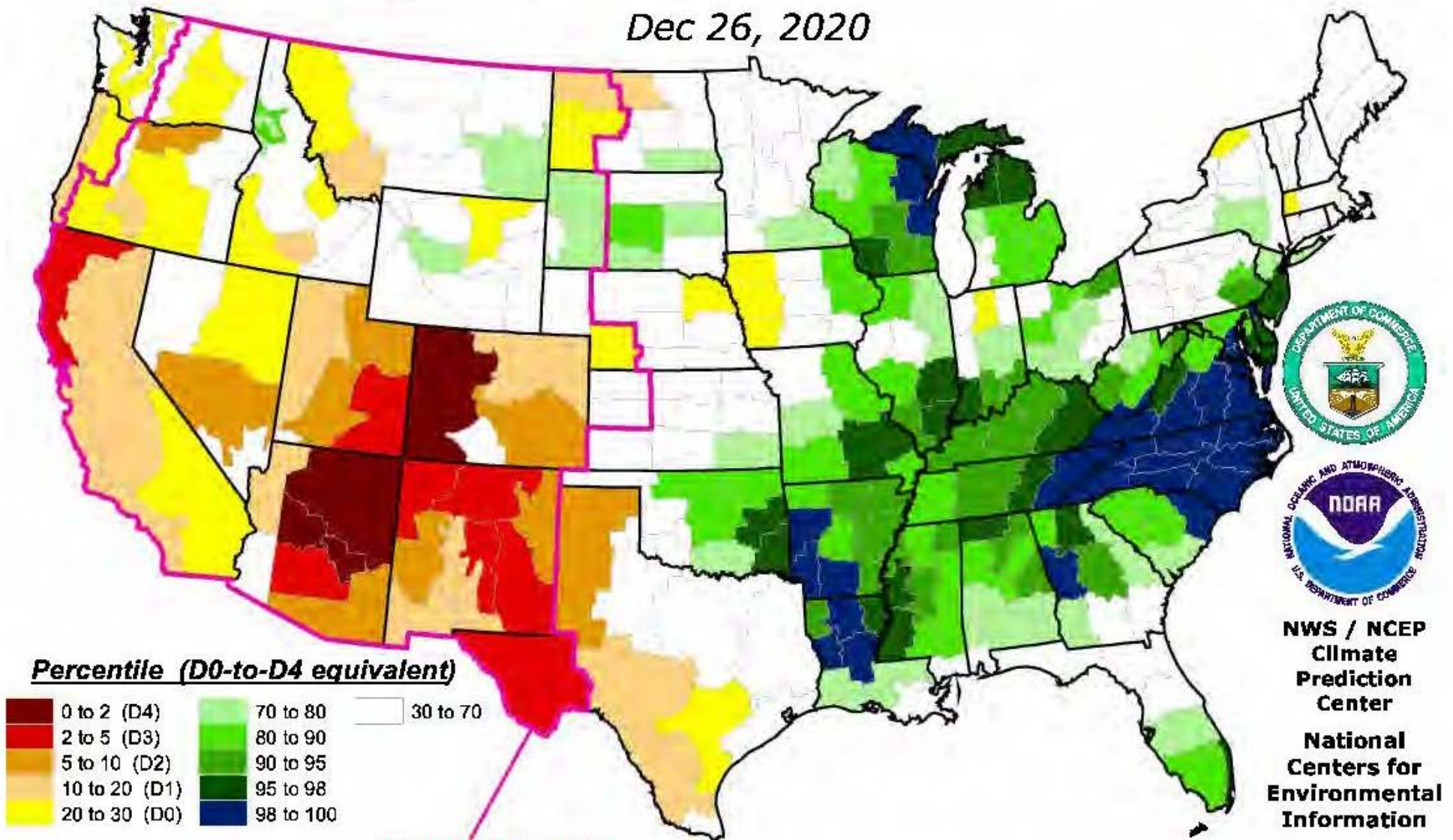
Source: Florida Geospatial Open Data Portal
Last Updated: August 15, 2019



Map VI-5 Sinkhole Vulnerability

Objective Long-Term Drought Indicator Blend Percentiles

Dec 26, 2020



Inputs (as percentiles):
 25% Palmer Hydrologic Index
 20% 24-Month Precipitation
 20% 12-Month Precipitation
 15% 6-Month Precipitation
 10% 60-Month Precipitation
 10% CPC Soil Moisture Model

Western Formulation Inputs (as percentiles):
 30% Palmer Hydrologic Index
 30% 60-Month Average Z-Index
 10% 60-Month Precipitation
 10% 24-Month Precipitation
 10% 12-Month Precipitation
 10% CPC Soil Moisture Model

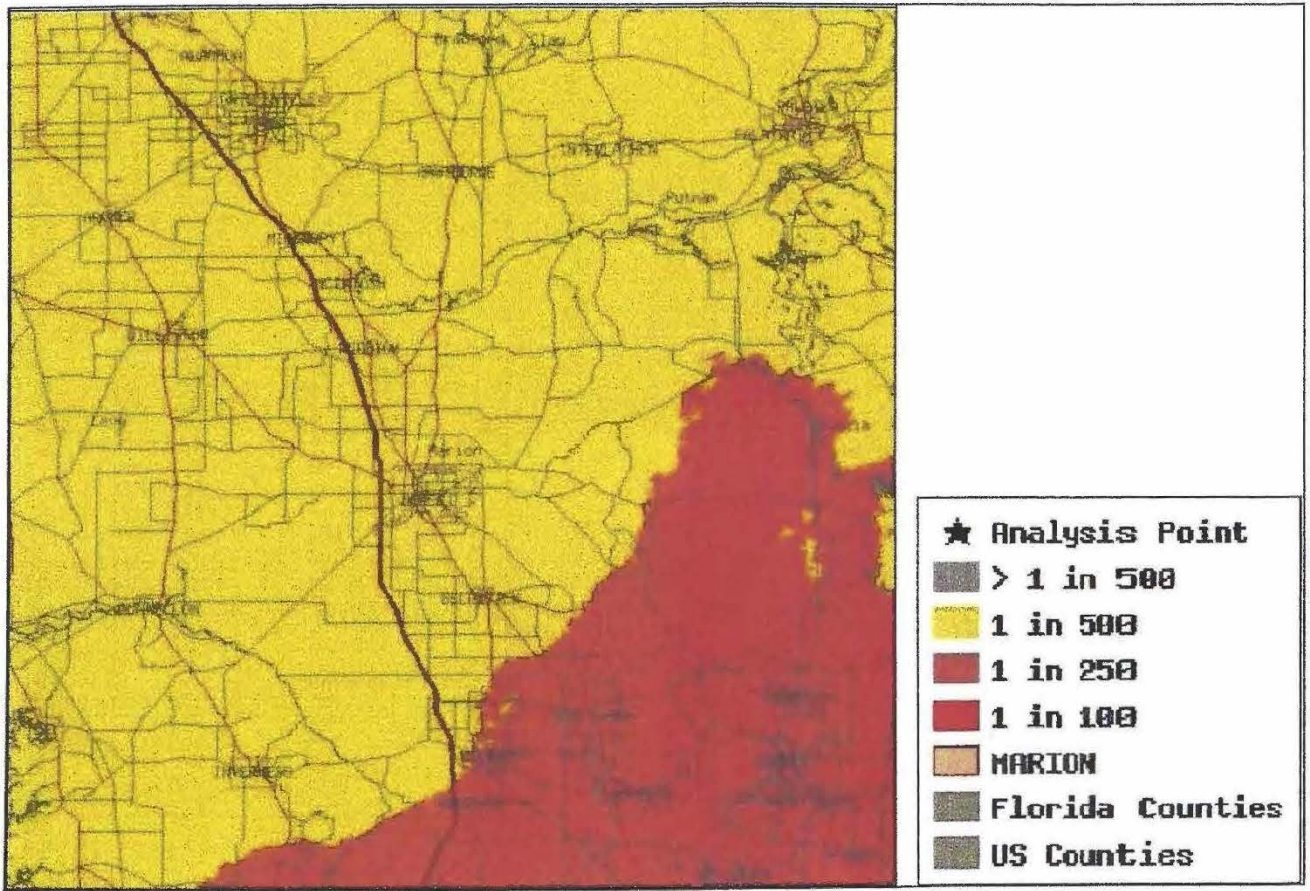
This map approximates impacts responding to precipitation over the course of several months to a few years, such as reservoir content, groundwater, and lake levels. **HOWEVER, THE RELATIONSHIP BETWEEN INDICATORS AND WATER SUPPLIES CAN VARY MARKEDLY WITH LOCATION, SEASON, SOURCE, AND MANAGEMENT PRACTICE.** Do not interpret this map too literally.

This map is based on preliminary climate division data. Local conditions and/or final data may differ. See the detailed product suite description for more details.



**NWS / NCEP
 Climate
 Prediction
 Center
 National
 Centers for
 Environmental
 Information**

Map VI-7 Marion County Tornado Potential

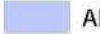
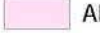




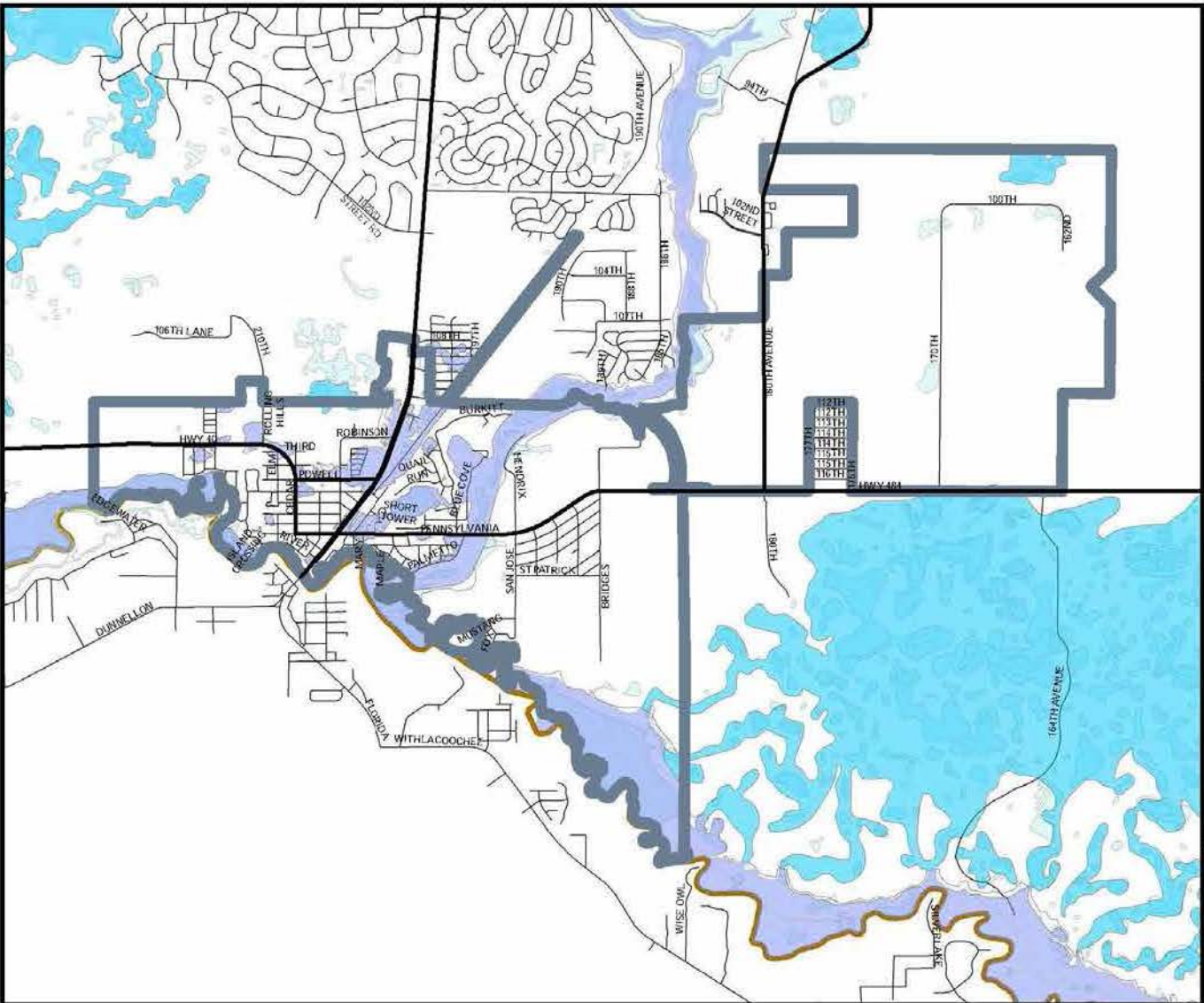
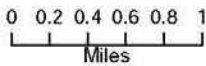
Map VI-7 Tornado Potential

MARION COUNTY

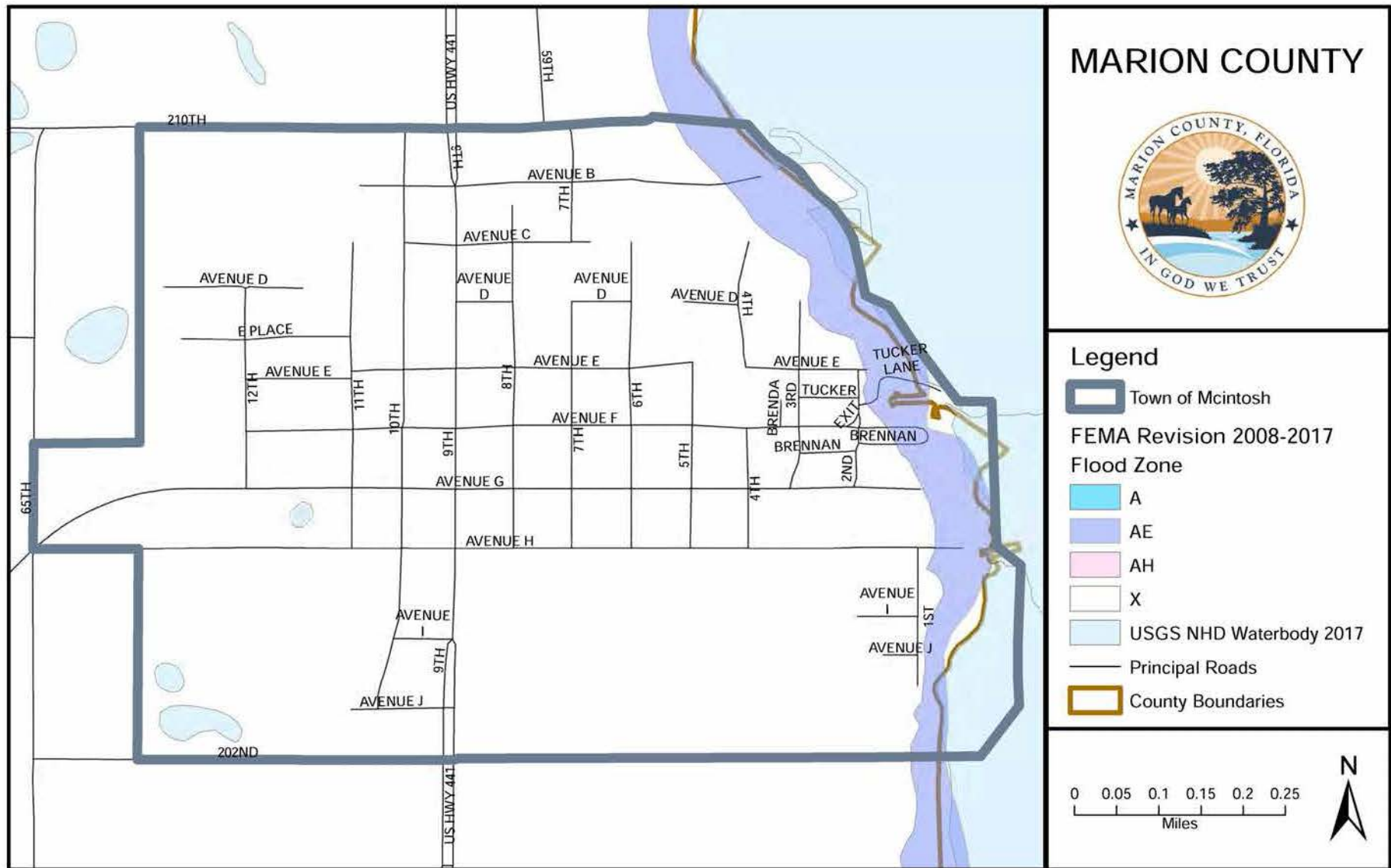


Legend

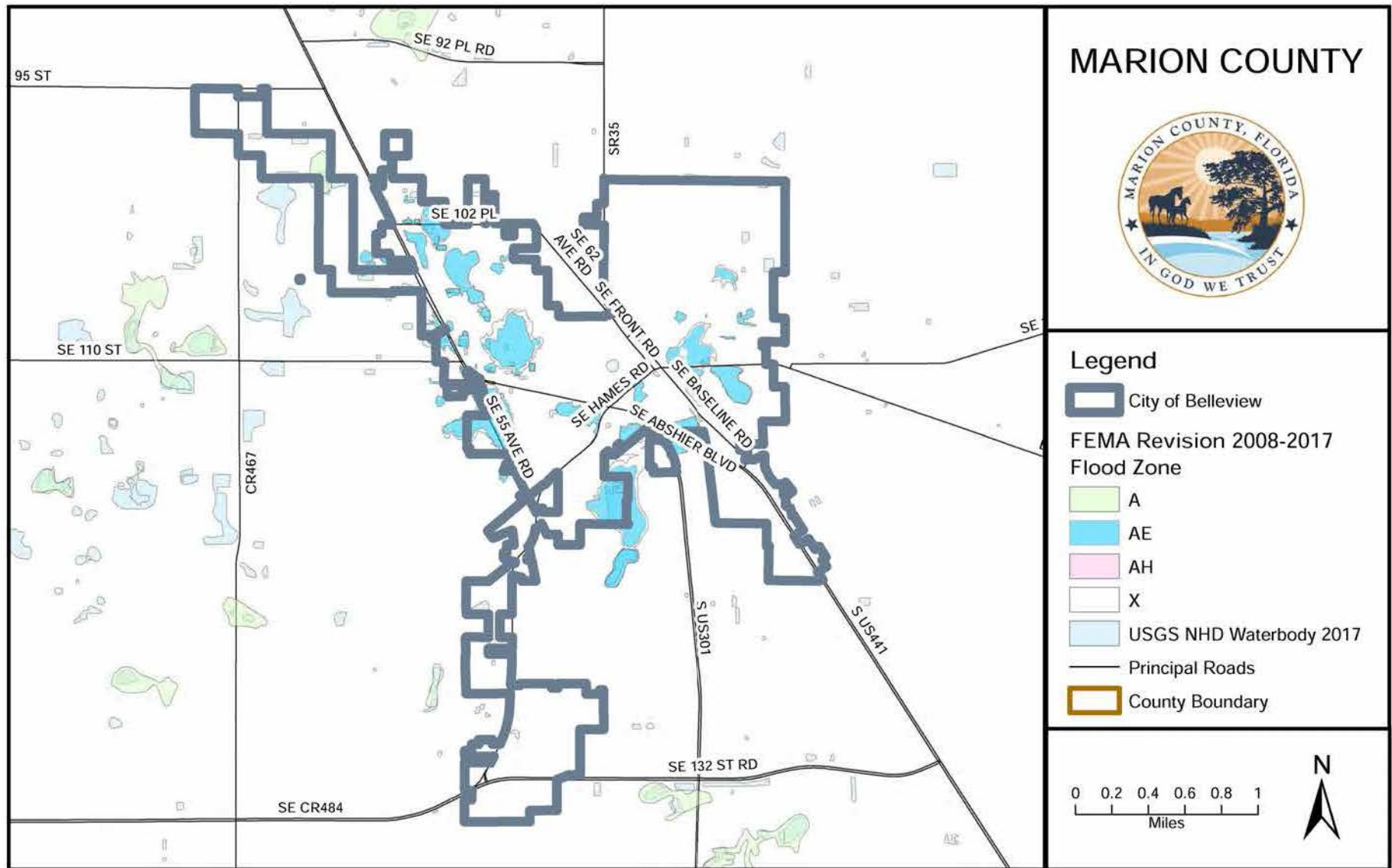
-  City of Dunnellon
- FEMA Revision 2008-2017 Flood Zone**
-  A
-  AE
-  AH
-  X
-  USGS NHD Waterbody 2017
-  Principal Roads
-  County Boundary



Map VI-9 City of Dunnellon FIRM

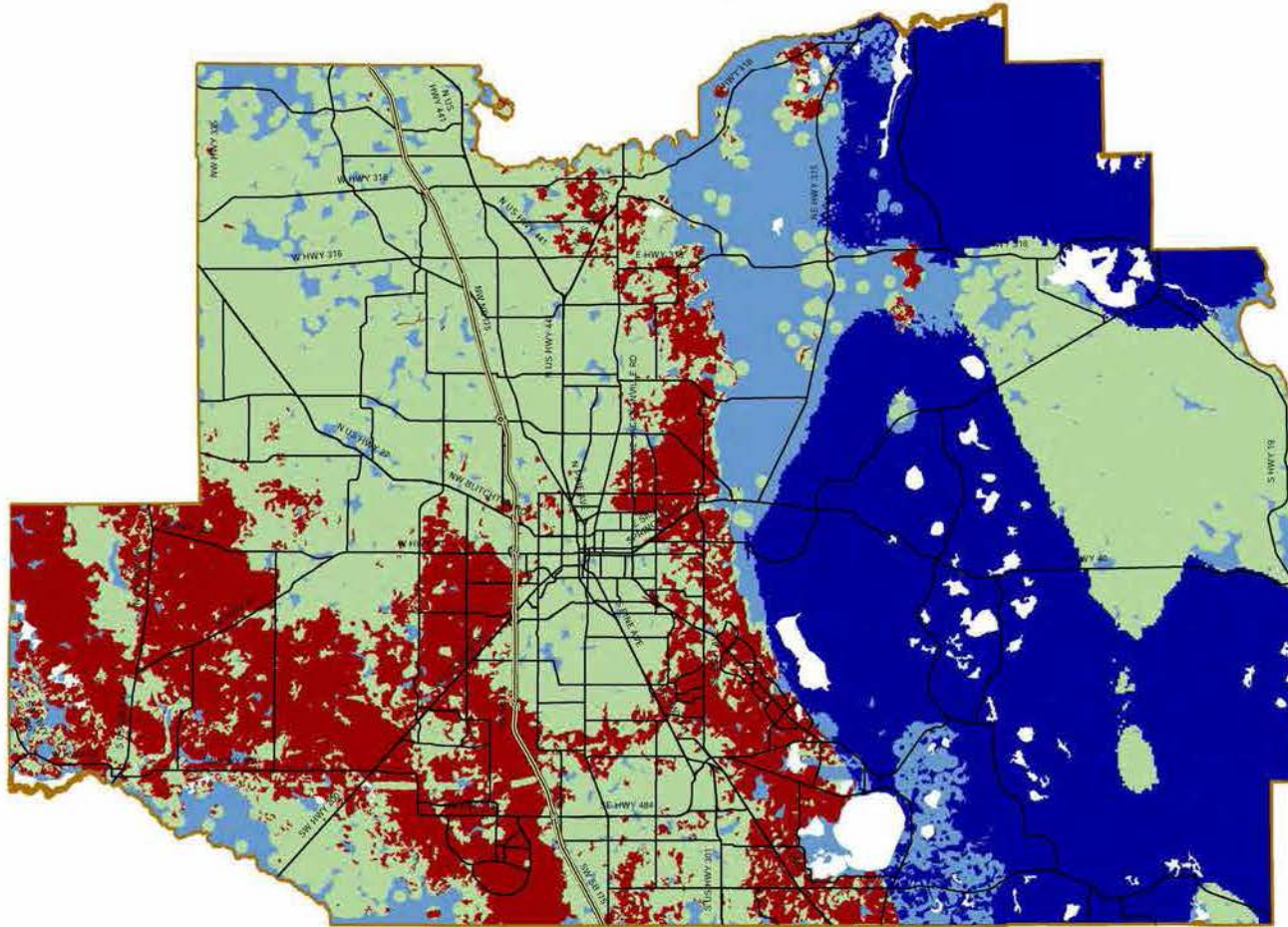


Map VI-11 Town of McIntosh FIRM



Map VI-12 City of Belleview FIRM

Aquifer Vulnerability Assessment

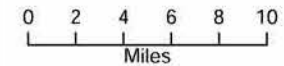


MARION COUNTY



Legend

- Principal Roads
- Most Vulnerable
- More Vulnerable
- Vulnerable
- Less Vulnerable
- ▭ County Boundary



Map VI-13 Marion County Aquifer Vulnerability Assessment (MCAVA)