

Roadblocks to Seagrass Recovery

Seagrass Recovery Potential Model for Panhandle estuaries

Intensity of Propeller Scarring

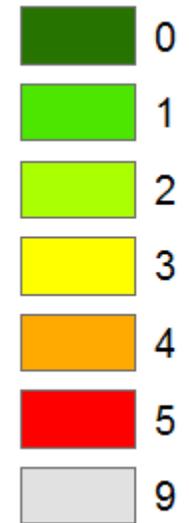


What these data show

This dataset is an analysis of propeller scarring in Florida panhandle estuaries including: Perdido Bay, Big Lagoon, Santa Rosa Sound, Escambia Bay, East Pensacola Bay, Choctawhatchee Bay, Saint Andrew Bay, and Saint Joseph Bay. These data layers were created through visual inspection of recent aerial imagery by FWC staff. Aerial imagery was analyzed by overlaying 1 ha grid cells over all waters areas <4 m deep. Each grid cell was given a score based on the seagrass coverage and the intensity of prop scarring within the cell. The scoring is as follows:

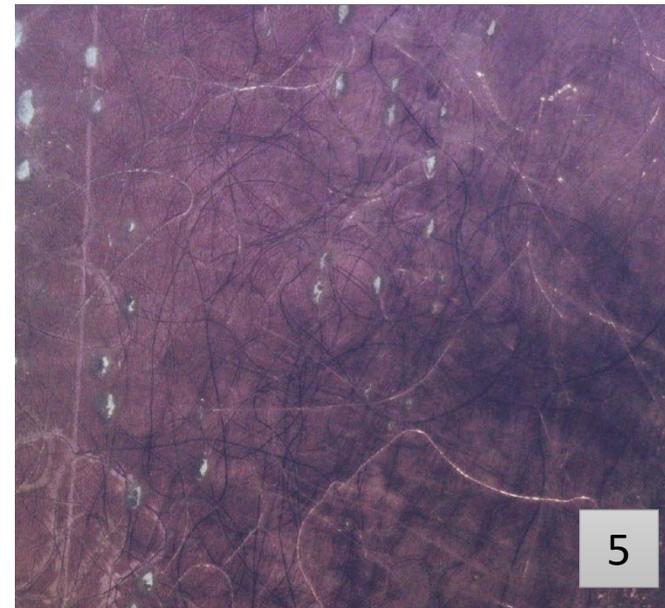
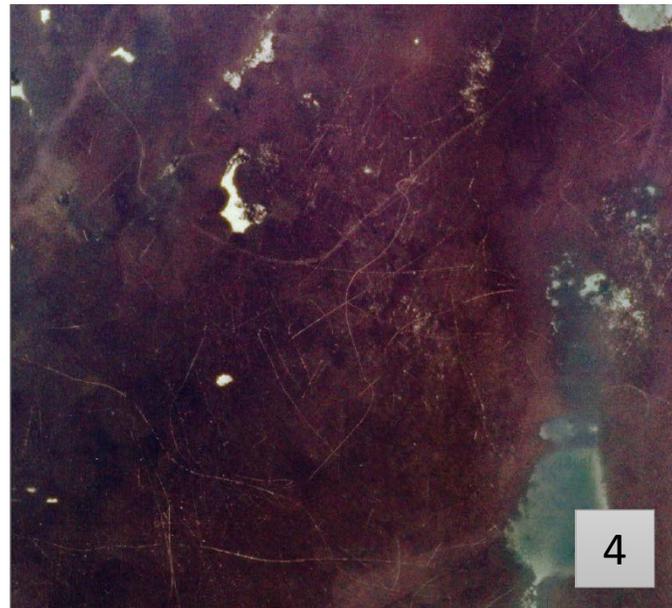
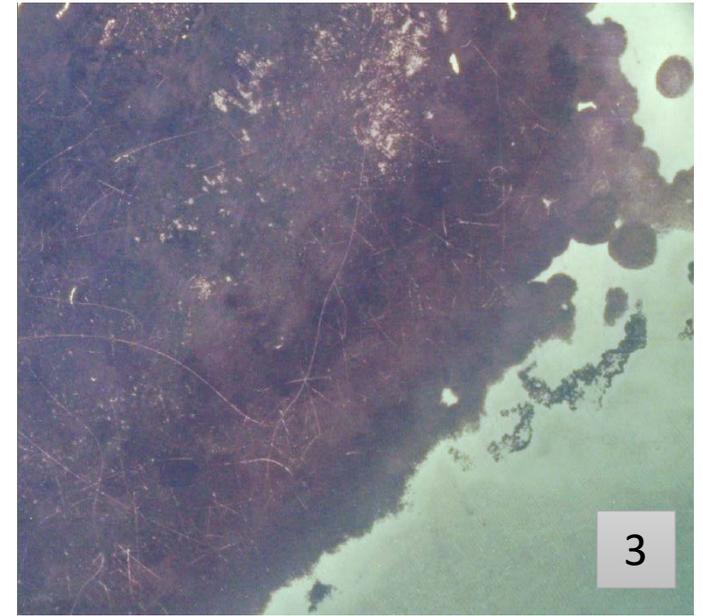
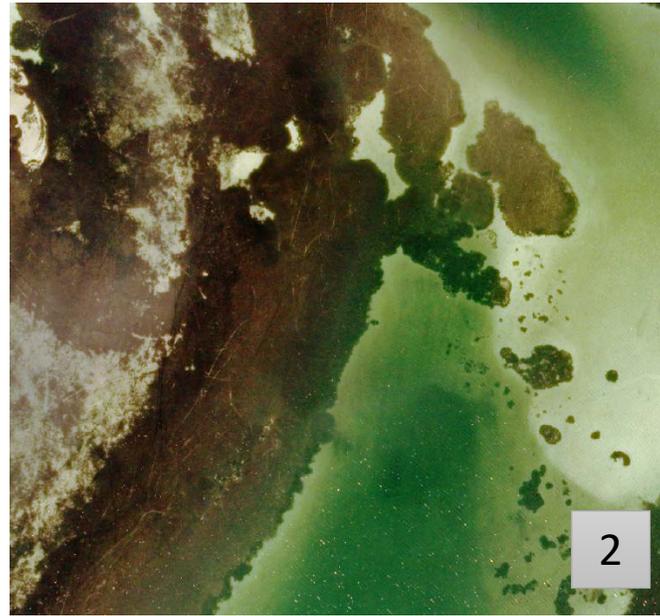
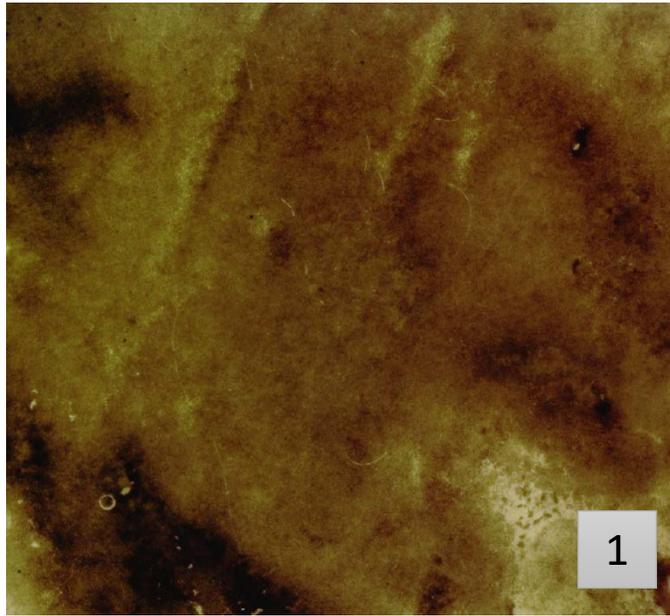
- 0 = Vegetated, no prop scars
- 1 = Vegetated, prop scar intensity of 1 (Example on next slide)
- 2 = Vegetated, prop scar intensity of 2 (Example on next slide)
- 3 = Vegetated, prop scar intensity of 3 (Example on next slide)
- 4 = Vegetated, prop scar intensity of 4 (Example on next slide)
- 5 = Vegetated, prop scar intensity of 5 (Example on next slide)
- 9 = No seagrass present

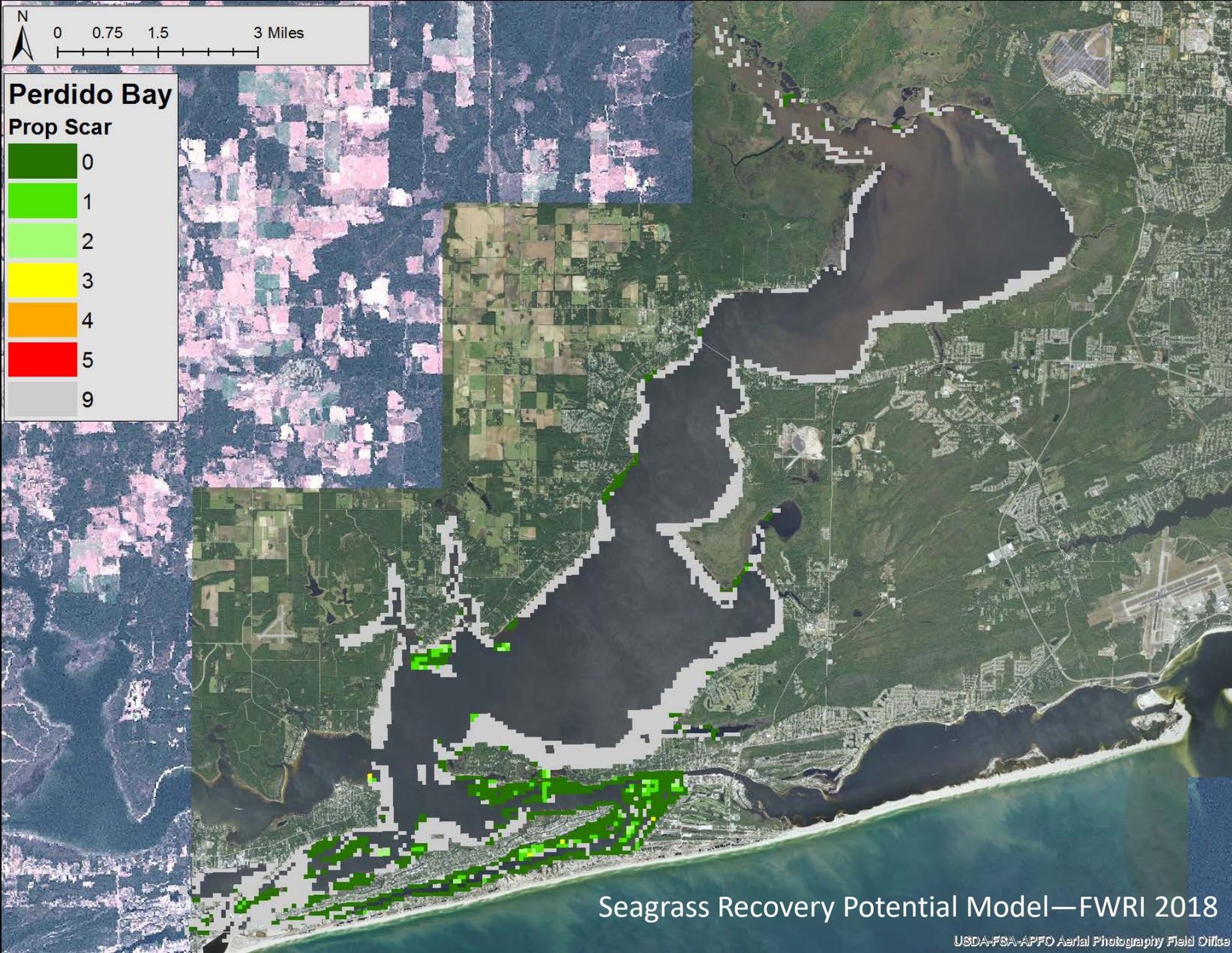
Prop Scar Intensity Legend:



This project was completed by the Florida Fish and Wildlife Conservation Commission Fish and Wildlife Research Institute and funded by the Gulf Environmental Benefit Fund of the National Fish and Wildlife Federation.

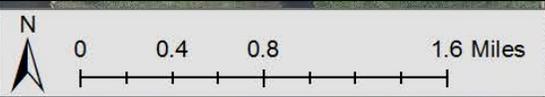
Scoring of Propeller Scarring (1-5)





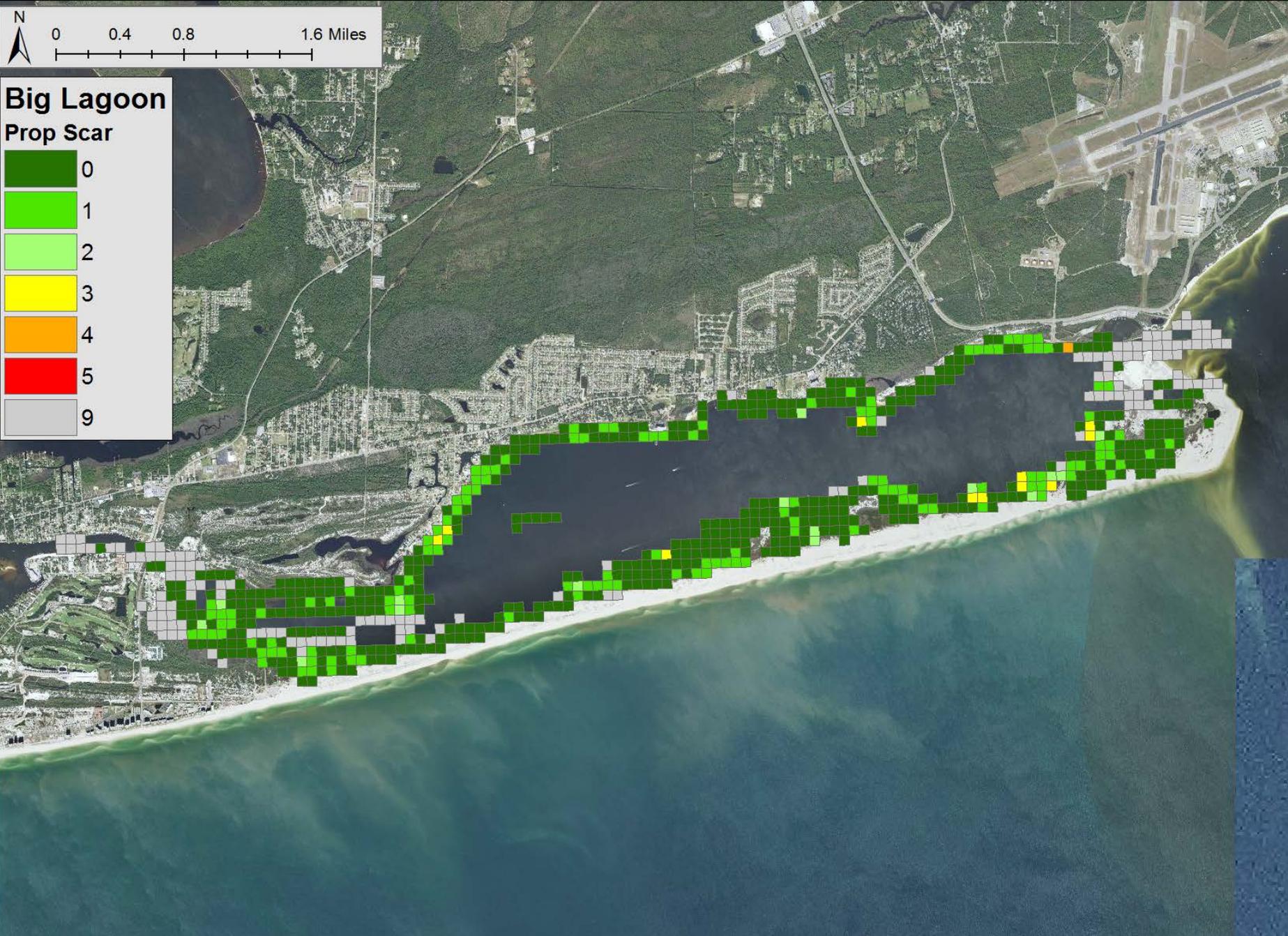
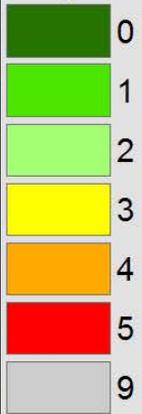
Perdido Bay





Big Lagoon

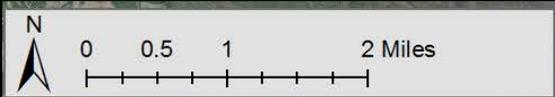
Prop Scar



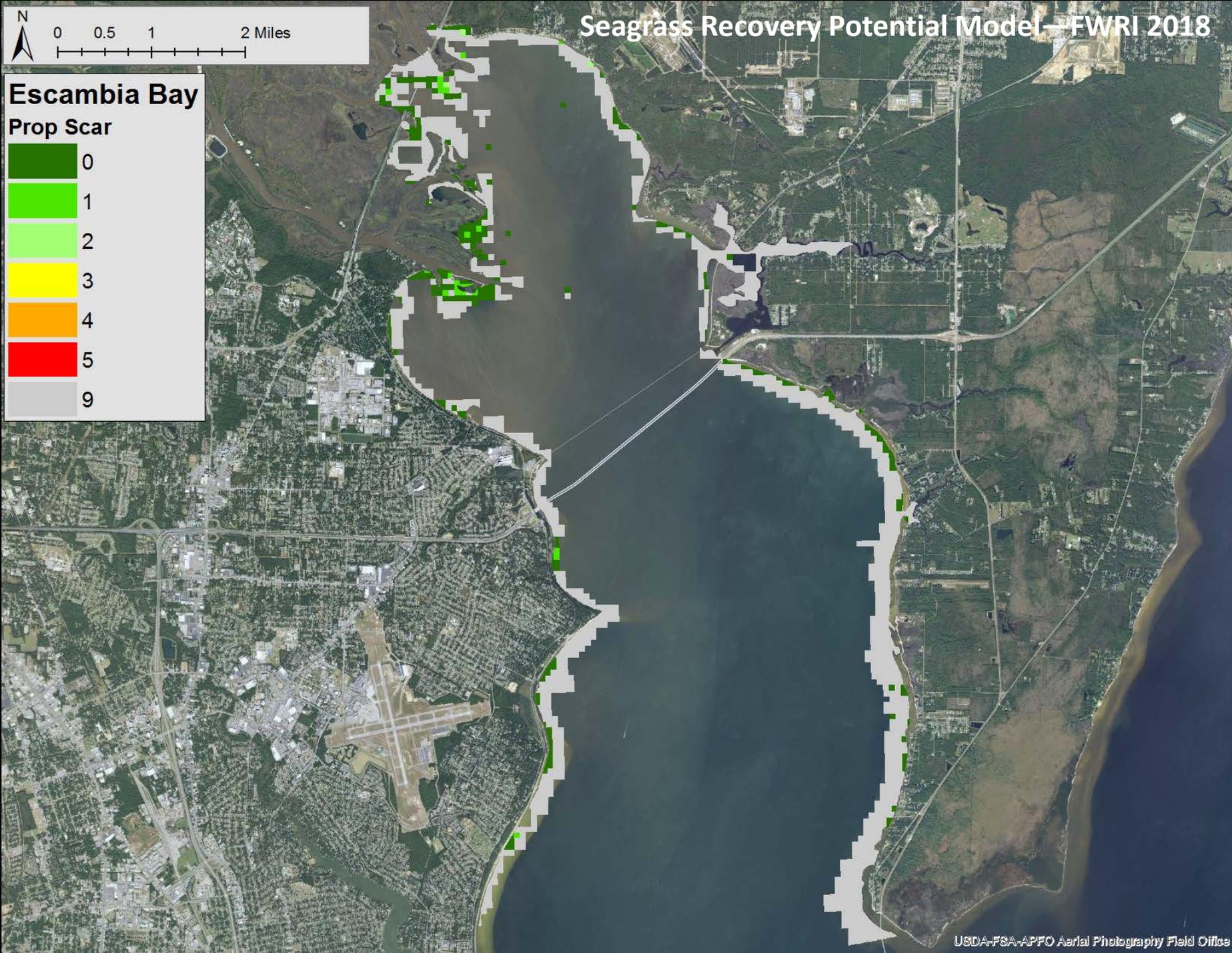
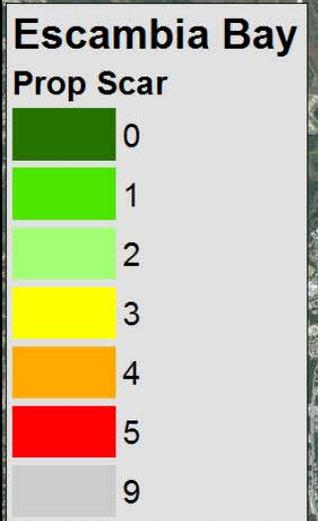
Big Lagoon

Seagrass Recovery Potential Model--FWRI 2018





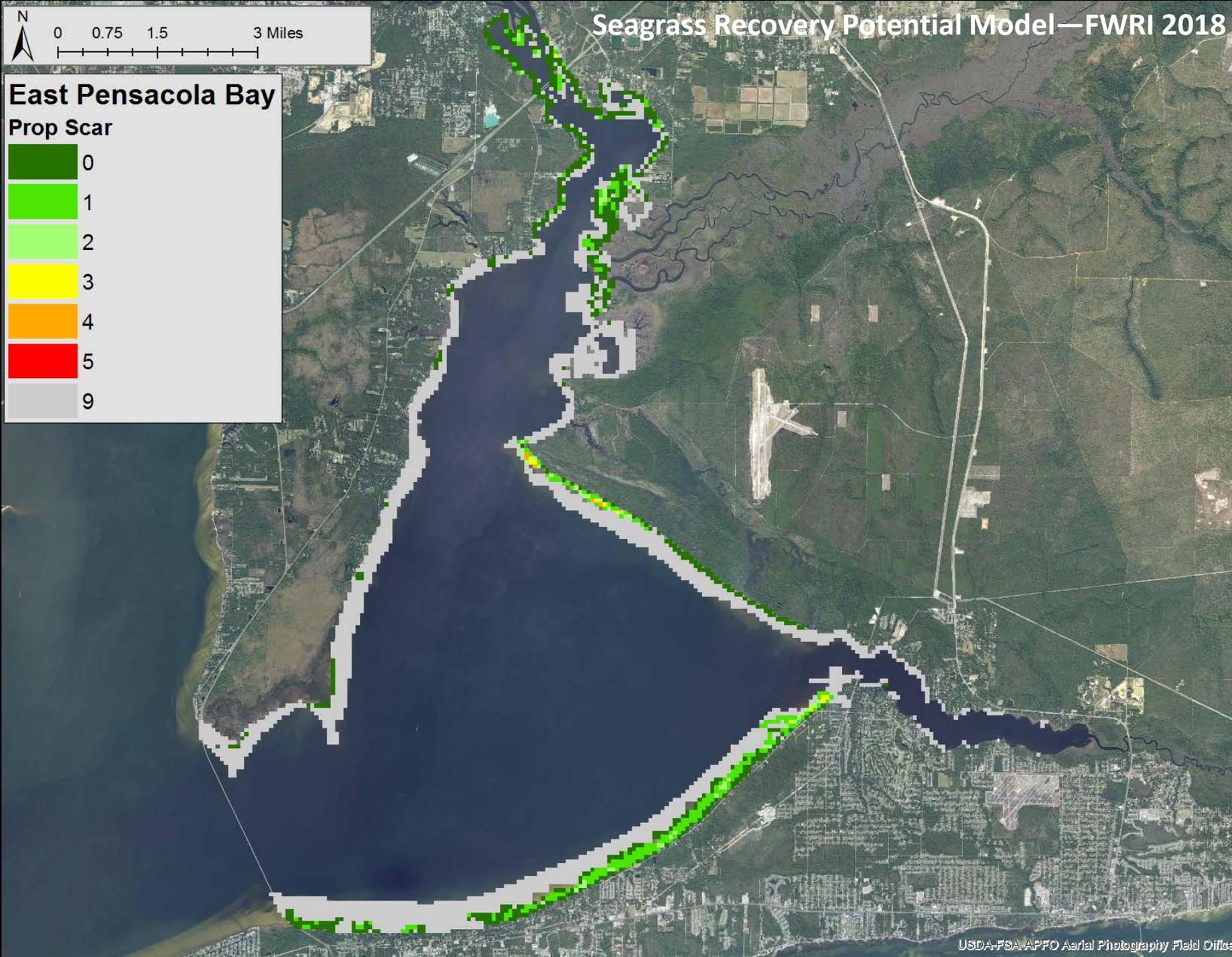
Seagrass Recovery Potential Model — FWRI 2018



Escambia Bay

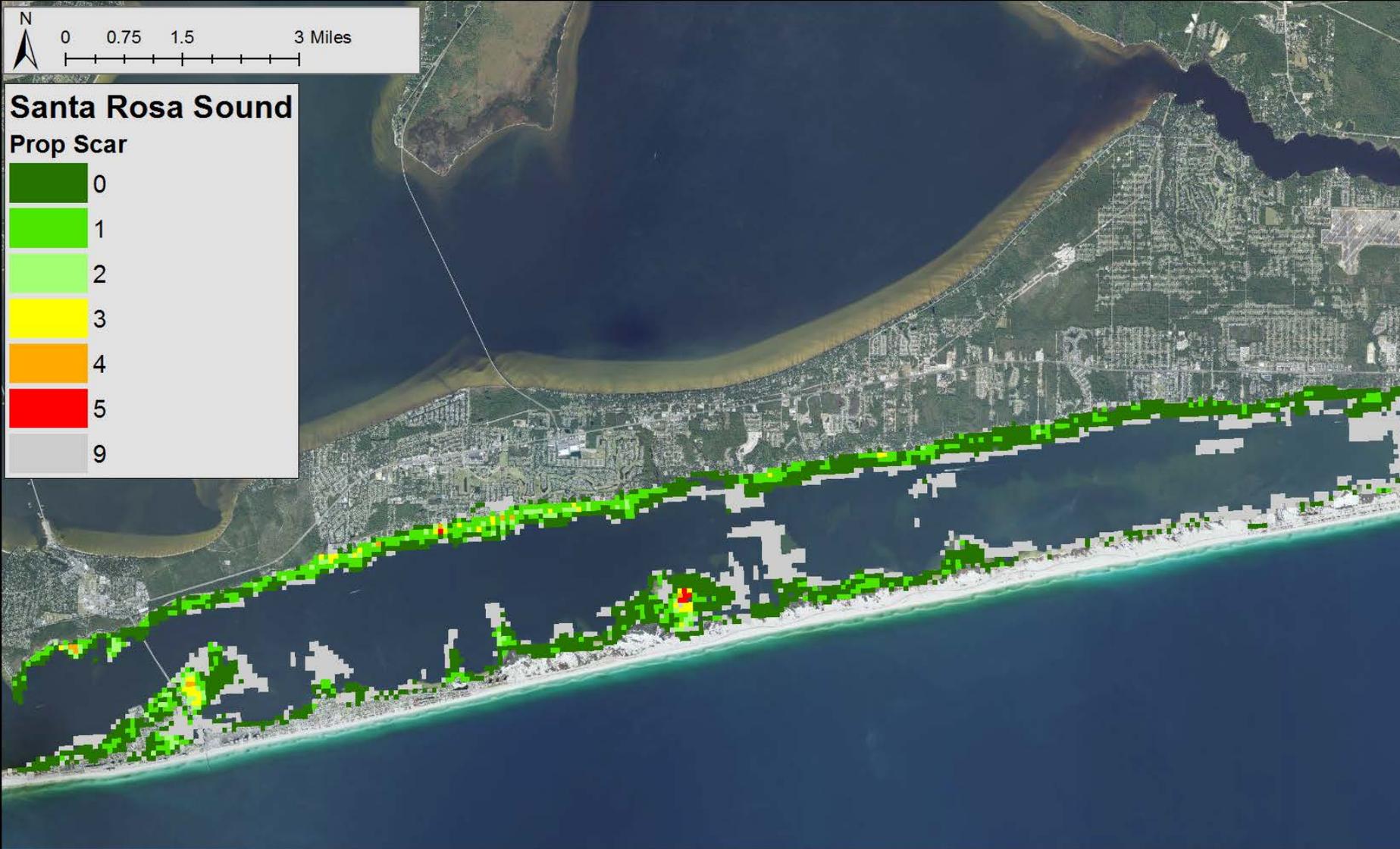
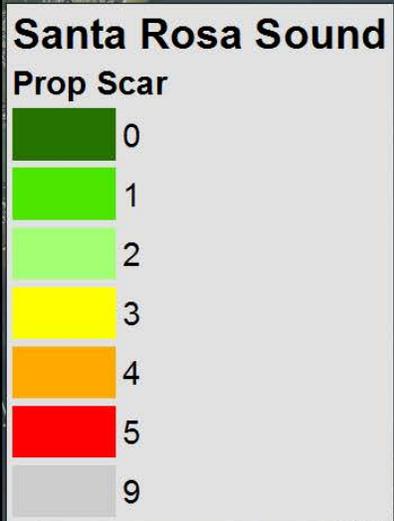
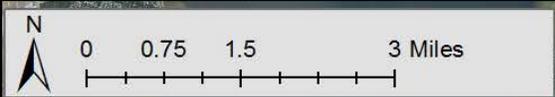


Seagrass Recovery Potential Model—FWRI 2018



East Bay Pensacola Bay

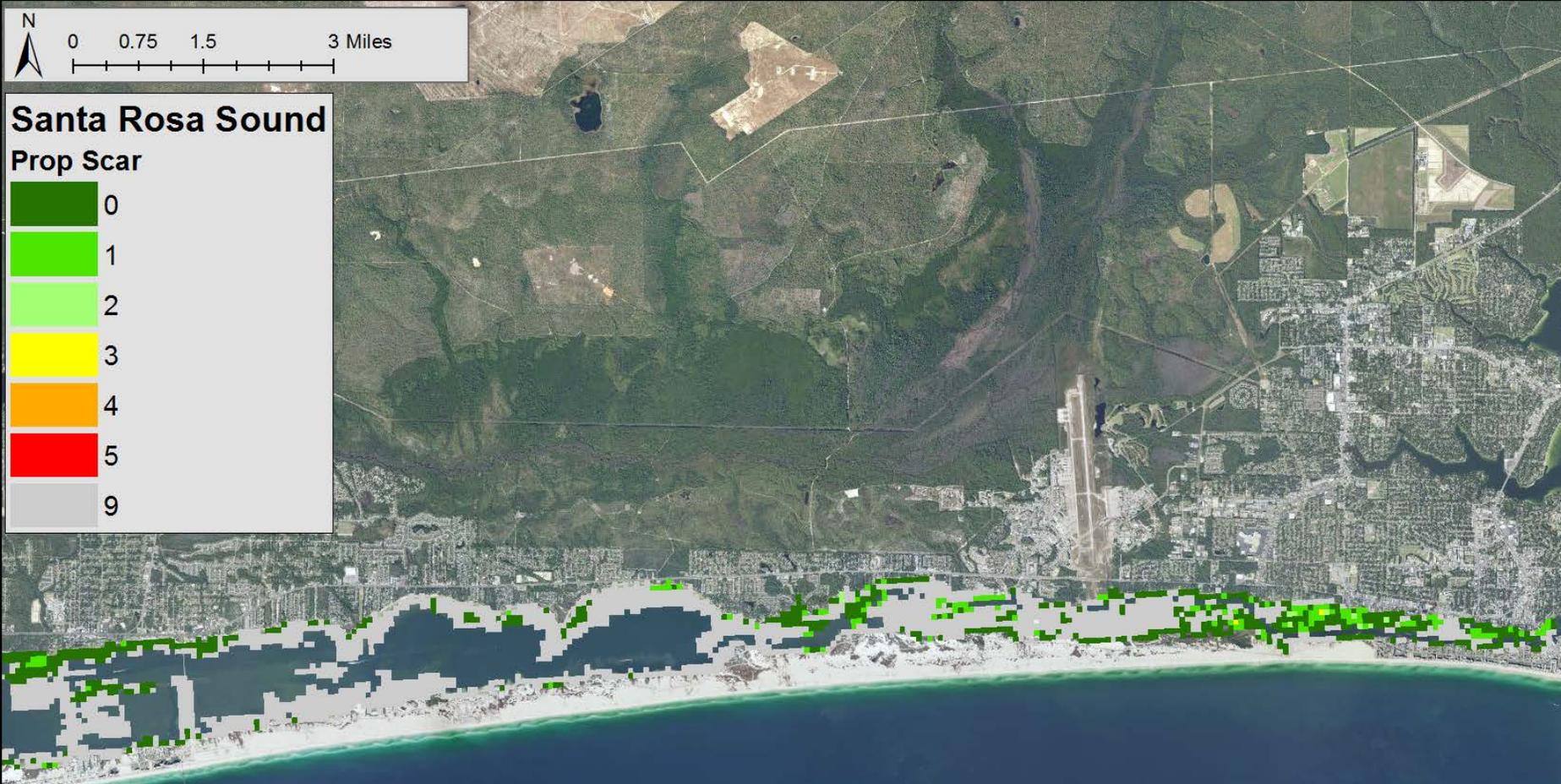




Western Santa Rosa Sound

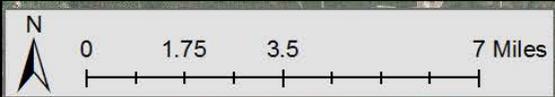


Seagrass Recovery Potential Model—FWRI 2018

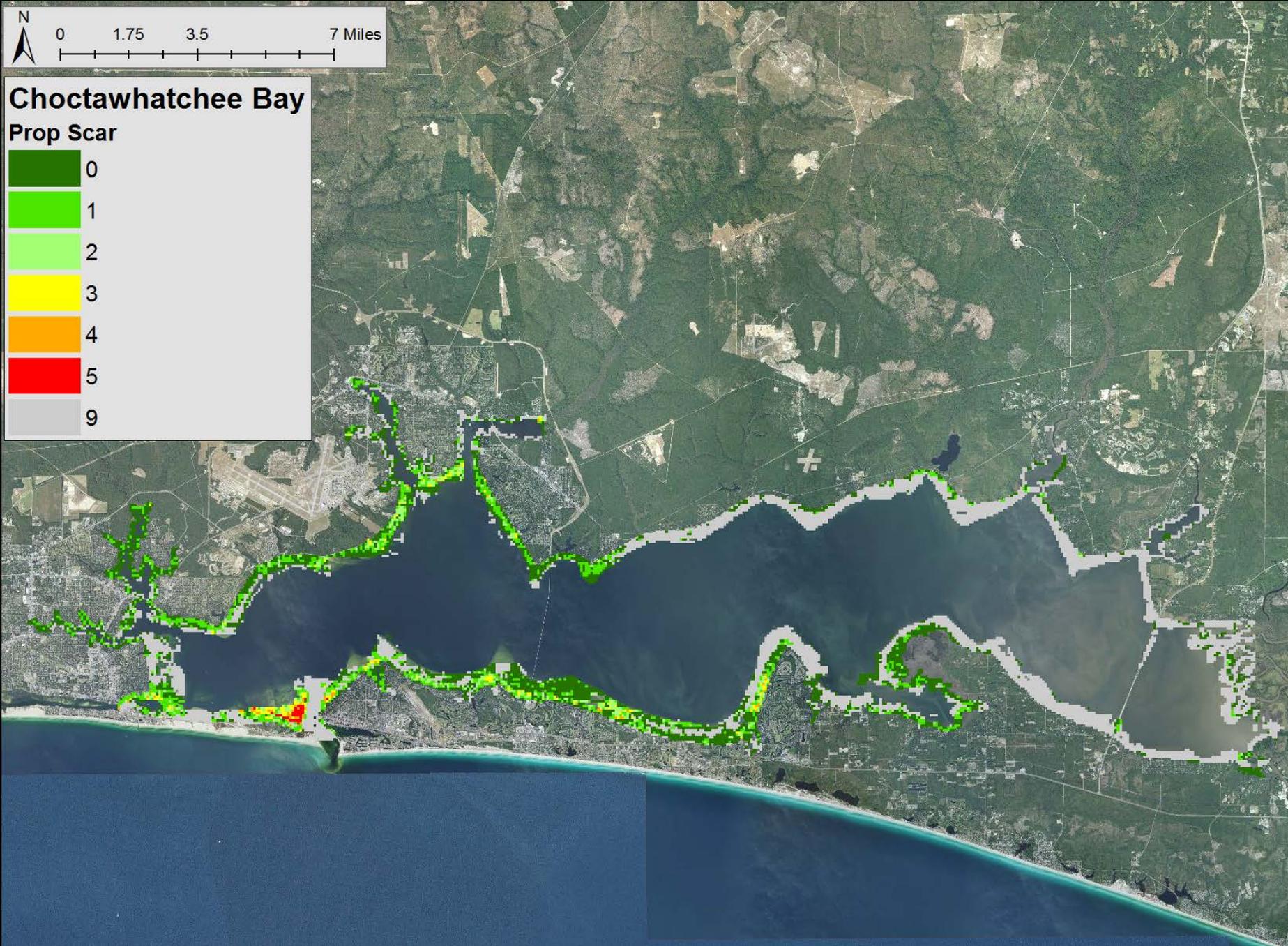
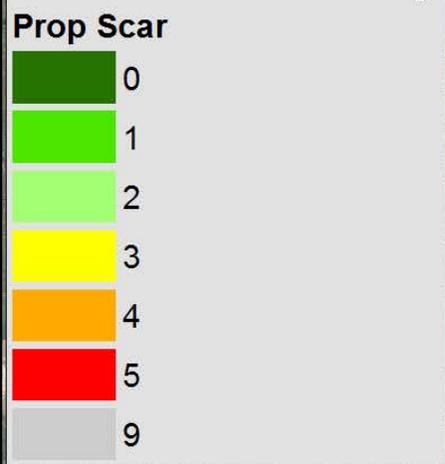


Eastern Santa Rosa Sound





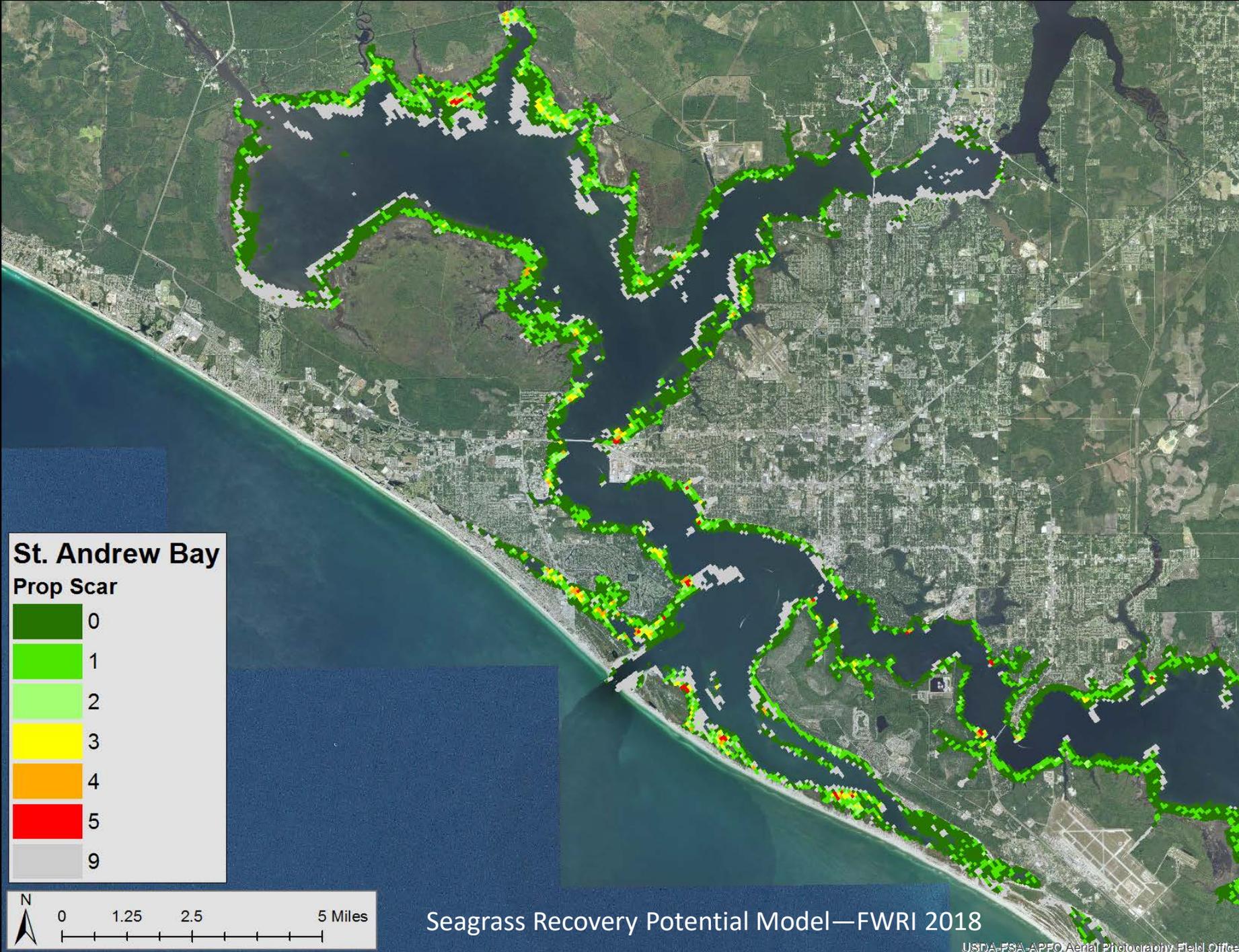
Choctawhatchee Bay



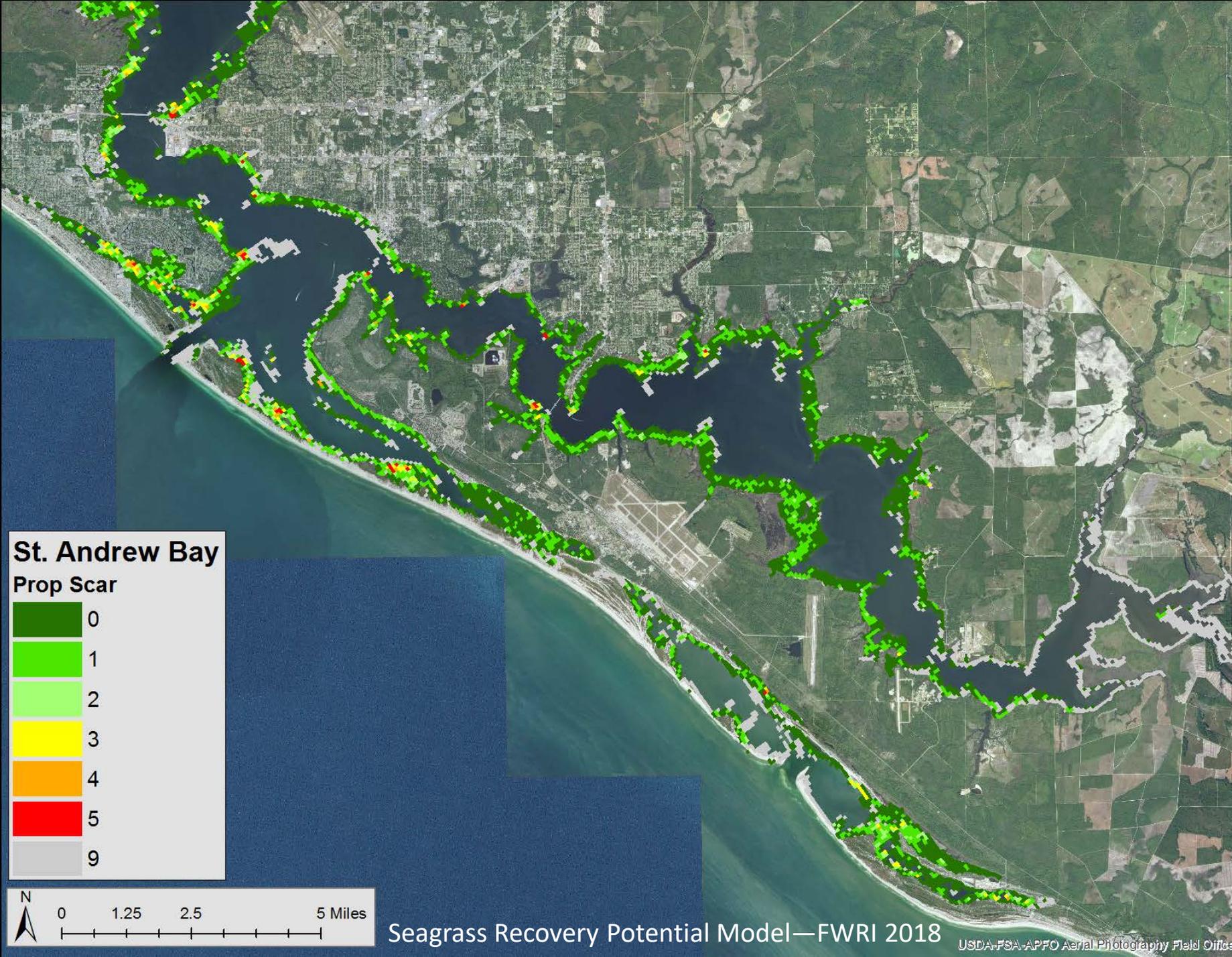
Choctawhatchee Bay



Western St. Andrew Bay



Eastern St. Andrew Bay



St. Joseph Bay

