

Roadblocks to Seagrass Recovery

Seagrass Recovery Potential Model for Panhandle Estuaries

Seagrass Cover

Big Lagoon



What These Data Show

Description:

This dataset shows the seagrass cover maps for the Florida panhandle estuaries: Big Lagoon, Choctawhatchee Bay, Pensacola Bay, Perdido Bay, Santa Rosa Sound, Saint Andrew Bay, and Saint Joseph Bay. The seagrass cover maps are organized by year from 1940 to 2017.

There are two types of maps in this dataset: polygon maps and grid maps. Polygon maps show the location of “Continuous seagrass” or “Patchy seagrass”. Note that the boundaries of some maps do not include the entire estuary. Grid maps were created through the interpretation of imagery by FWRI employees using a 1-ha grid. Each grid cell was given a value of either “Bare”, “Patchy seagrass with <10% cover”, “Patchy Seagrass with 10-50% cover”, “Patchy Seagrass with 50-90% cover”, or “Continuous seagrass”, based on the cover in each grid cell.

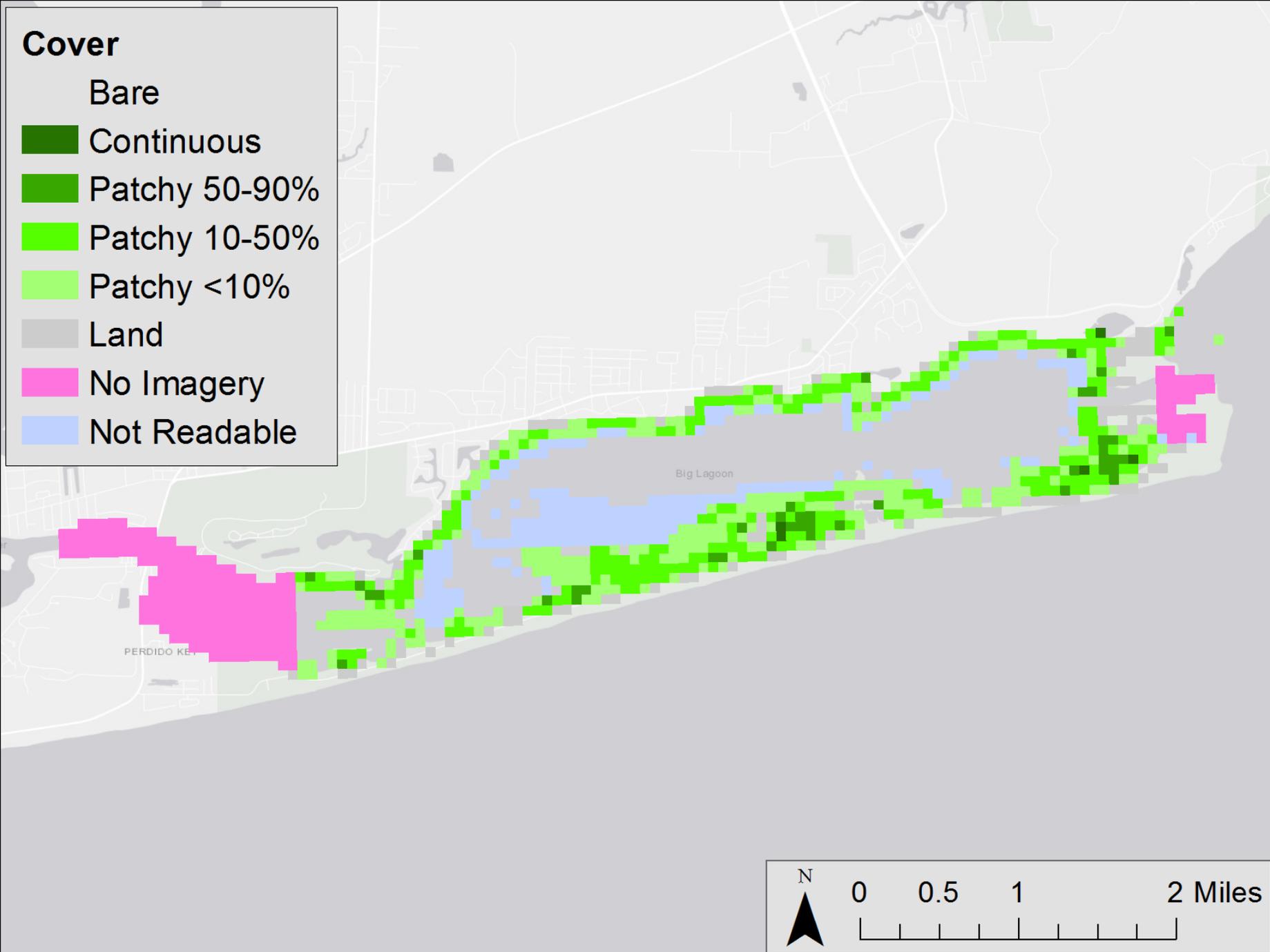
Credits:

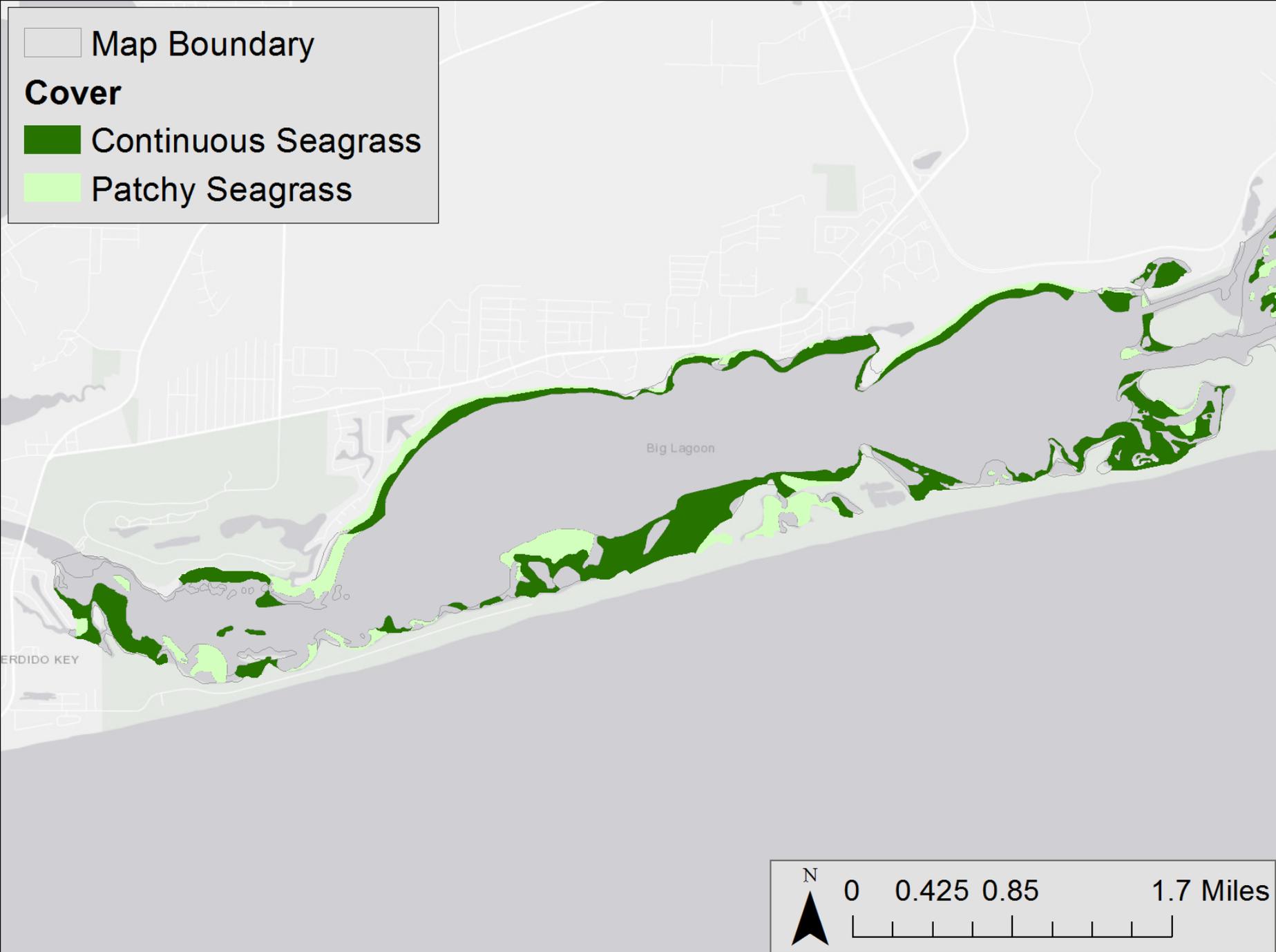
This project was funded through the National Fish and Wildlife Foundation Gulf Environmental Benefit Fund.

Attributes/Source

Year	Imagery	Map
1940	U.S. Department of Agriculture	Fish and Wildlife Research Institute
1958	U.S. Department of Agriculture	Quantum Spatial Inc.
1960	U.S. Department of Agriculture	U.S. Geological Survey
1992	National Aeronautics and Space Administration	U.S. Geological Survey
2003	Aerial Cartographics of America Inc.	U.S. Geological Survey
2010	Aerometric Surveys	Photo Science Inc.
2015	National Agriculture Imagery Program	Dewberry
2017	National Agriculture Imagery Program	Quantum Spatial Inc.

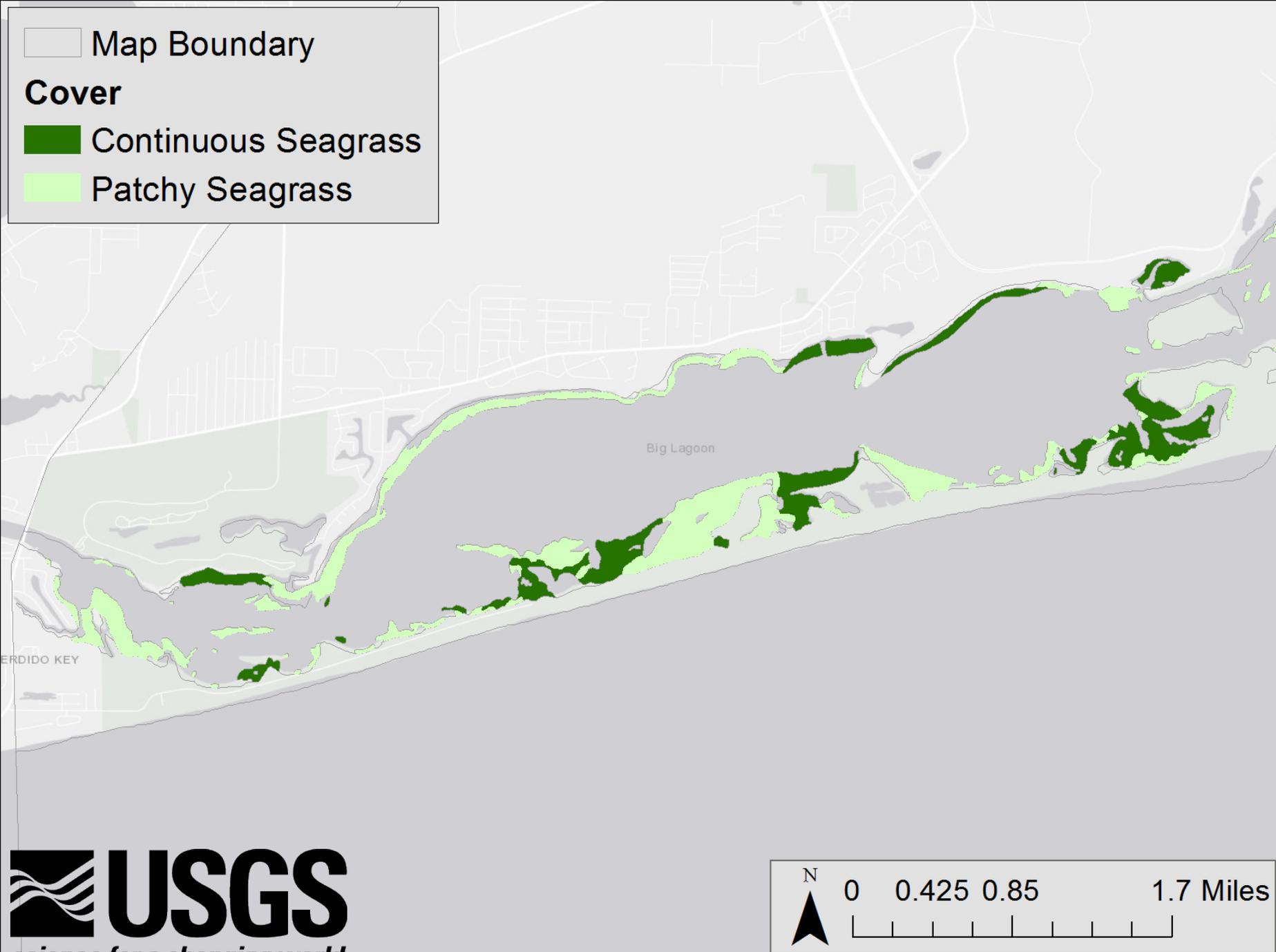
Big Lagoon 1940





Big Lagoon 1958





Big Lagoon 1960

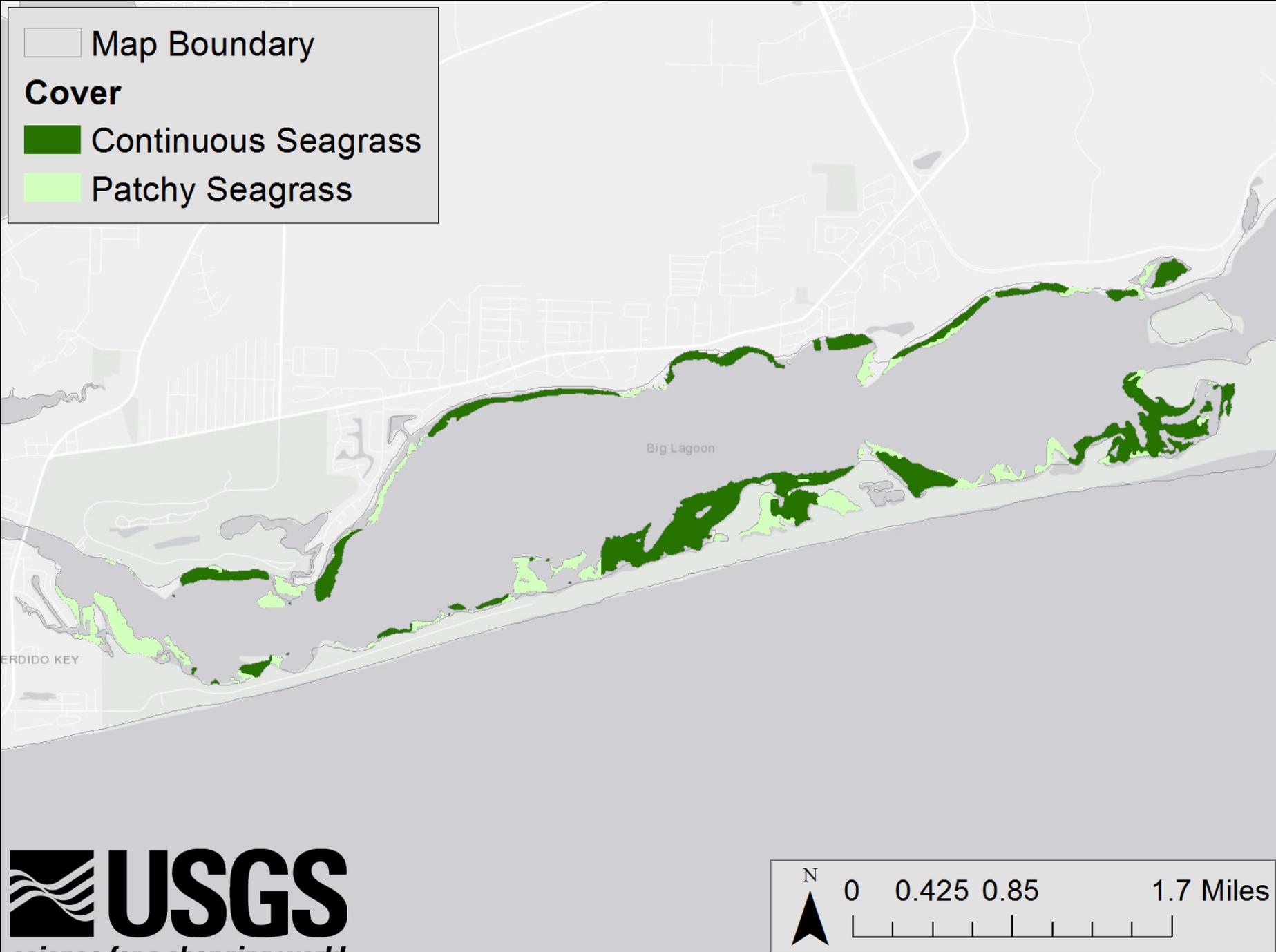


Map Boundary

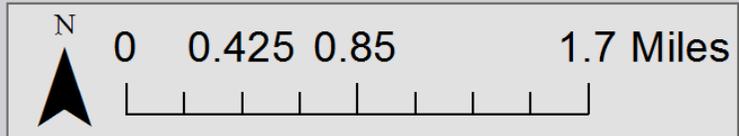
Cover

Continuous Seagrass

Patchy Seagrass



Big Lagoon 1992



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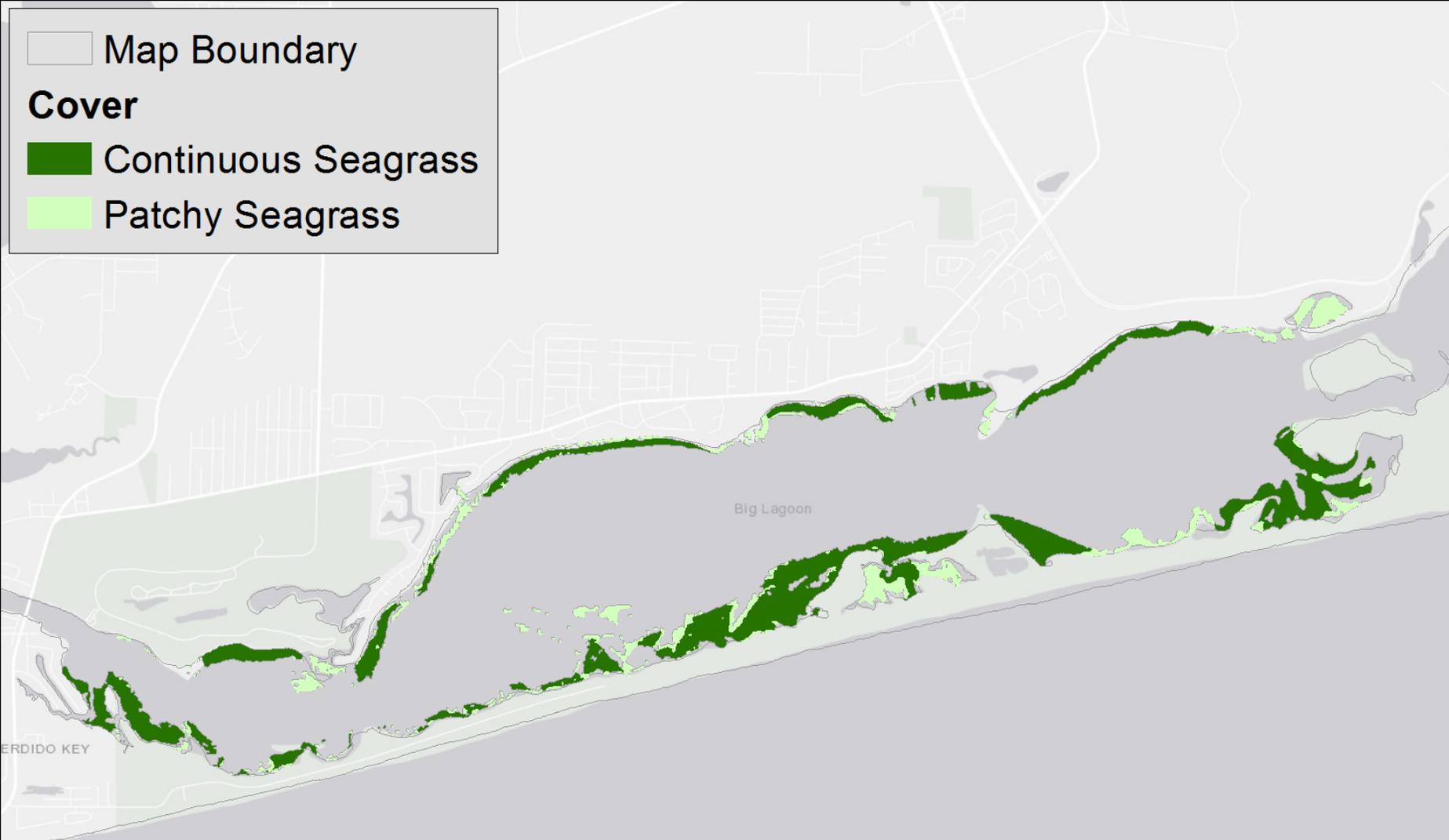


Map Boundary

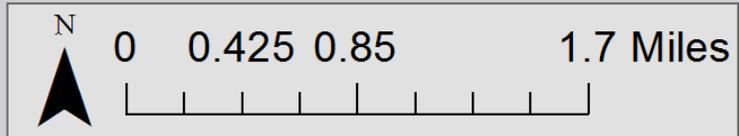
Cover

Continuous Seagrass

Patchy Seagrass

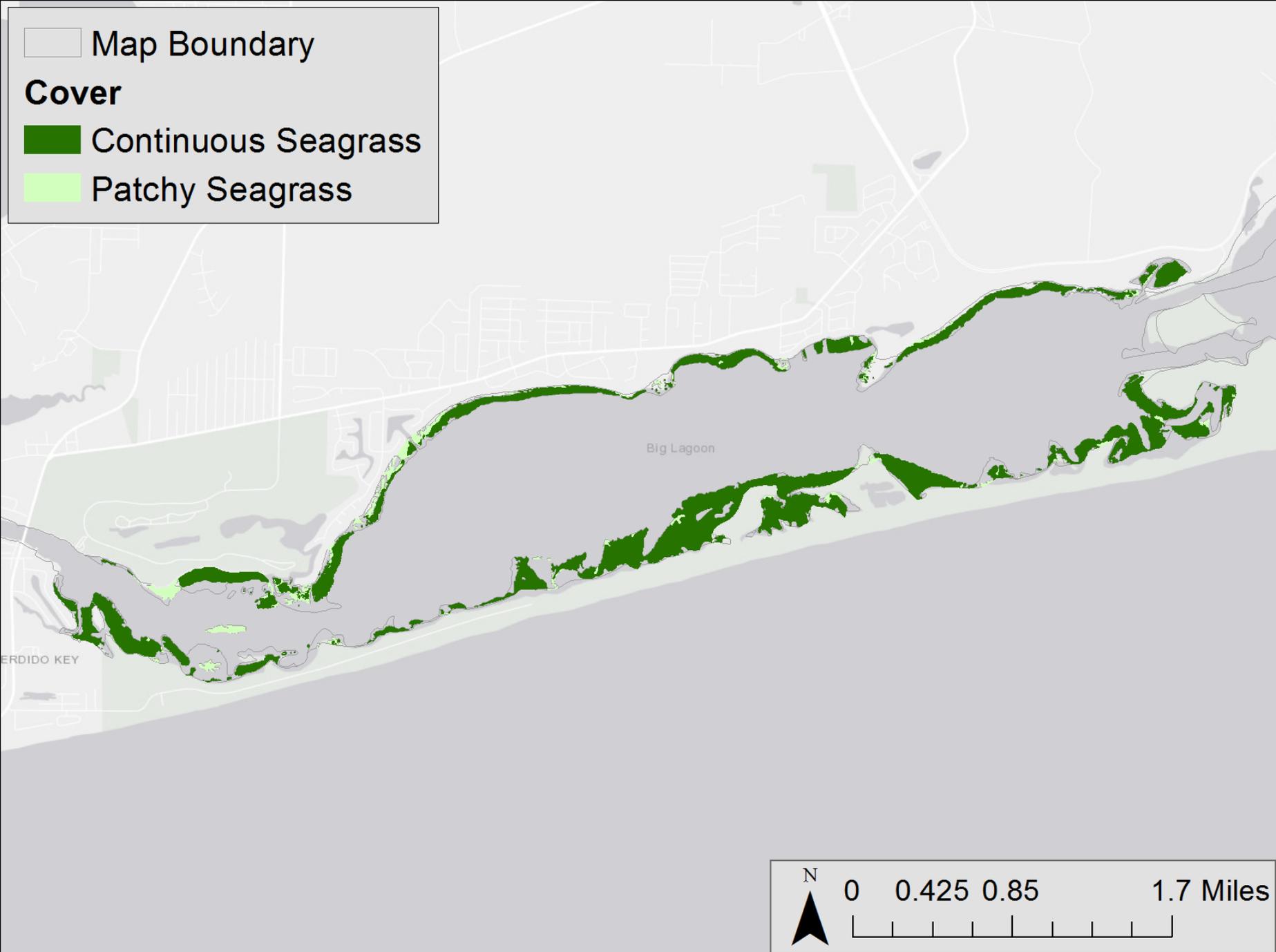


Big Lagoon 2003



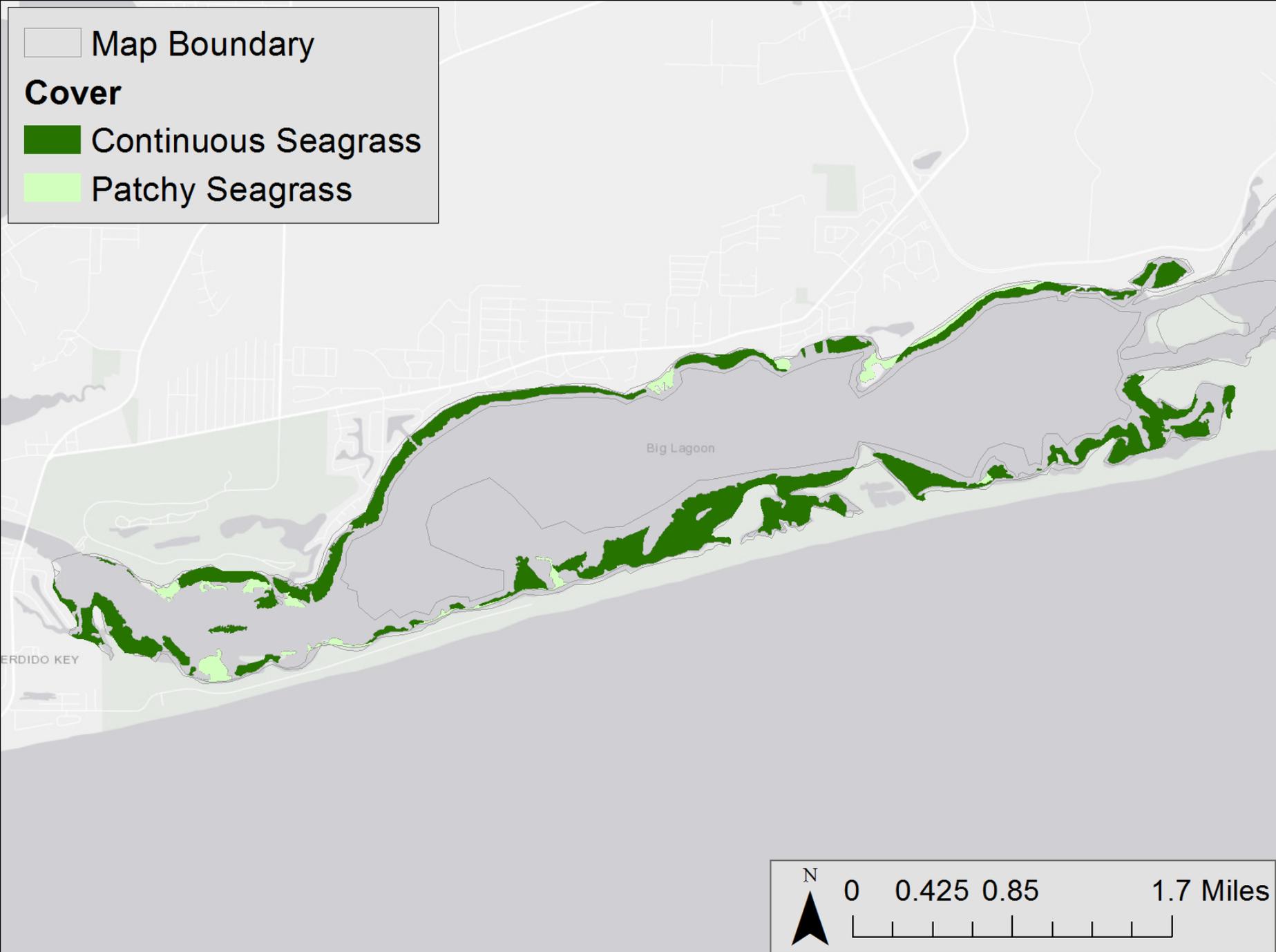
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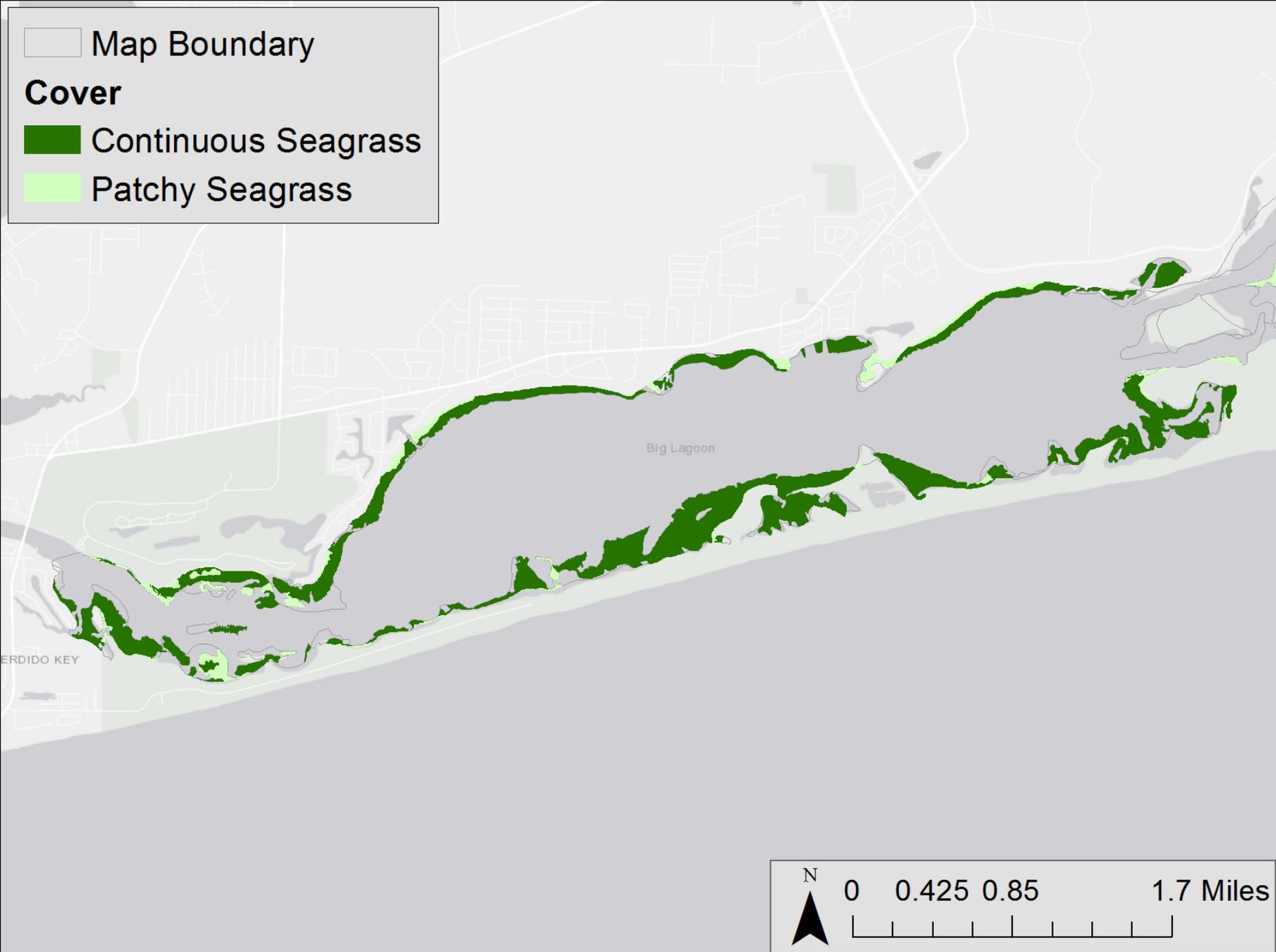
Big Lagoon 2010





Big Lagoon 2015





Big Lagoon 2017

