

# Modeling Panther Territory and Pathways





# 1. The Story a Florida Panther Photo Tells

*What story  
does this  
image tell?*







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## 2. The Story a Florida Panther Photo Tells

Imagine a bird's eye view for 15-20 seconds. Then:

- Sketch or write what the geography or setting might look like for a one-mile radius around this panther.
- Share with a partner or small group.



### 3. The Story a Florida Panther Photo Tells

Estimate in square miles:

How much territory beyond that one-mile radius might a panther need for its range?



## 4. The Story a Florida Panther Photo Tells

Watch the video found on [this page](#) (1:04) and:

- Add to your drawing (or list) human impacts that might be present in the panther's radius.
- Listen for: How much territory does a panther require?
- Discuss the pressures on panthers' territory.



## 5. The Story a Florida Panther Photo Tells

What is a wildlife corridor? Wildlife corridors connect habitats that have been fragmented by human activity.

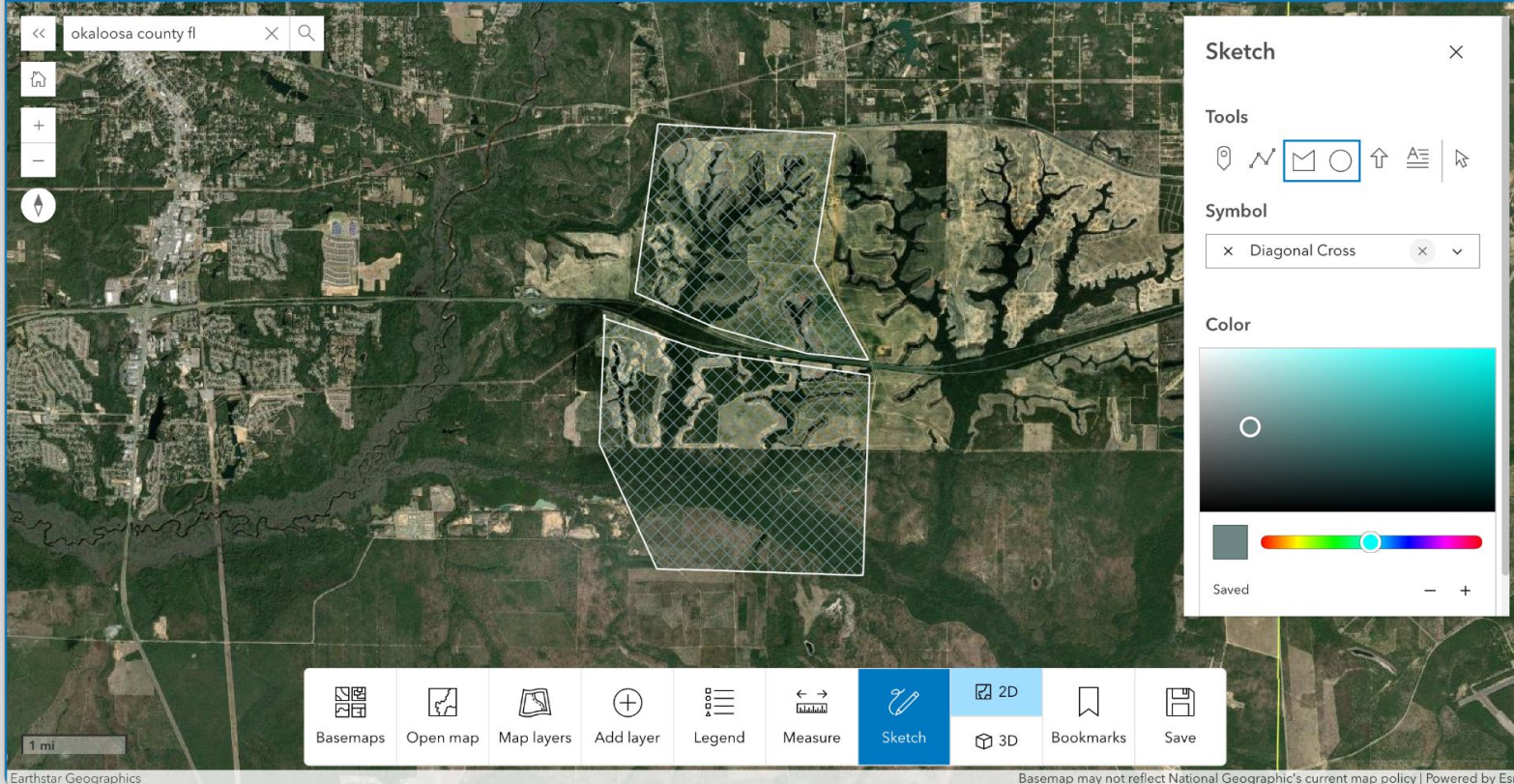


## 6. Explore the StoryMap

- Explore the [Connecting the Corridor StoryMap](#).
- Answer your assigned question(s) in the Build Background on the Corridor and Panther handout.





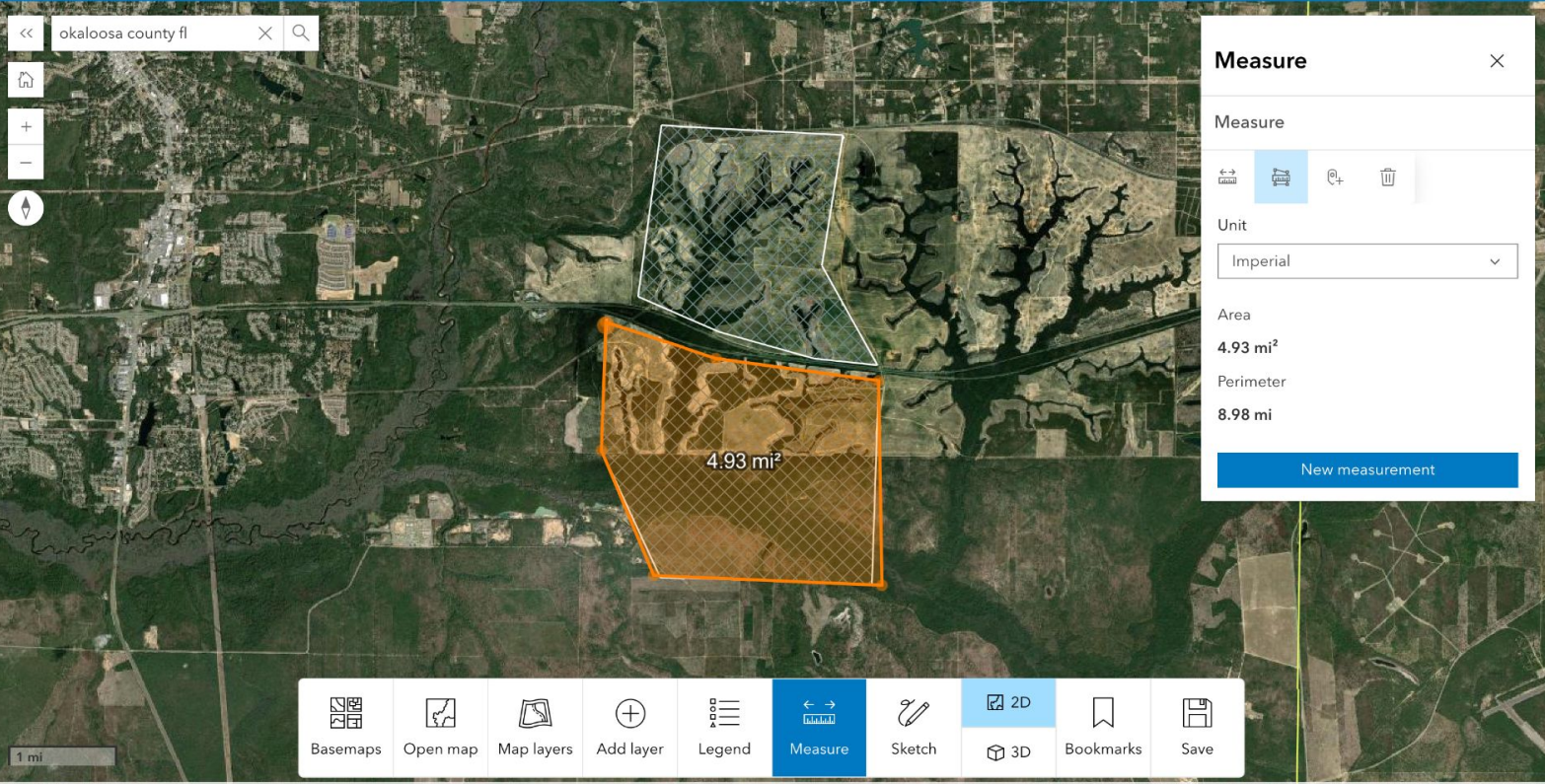


The screenshot displays the National Geographic Mapmaker web application. The main map area shows a satellite view of Okaloosa County, Florida, with a white sketch overlay consisting of two irregular polygons. The 'Sketch' tool panel is open on the right, showing the 'Sketch' tool selected in the 'Tools' section. The 'Symbol' is set to 'Diagonal Cross' and the 'Color' is a gradient from black to cyan. The bottom toolbar includes icons for Basemaps, Open map, Map layers, Add layer, Legend, Measure, Sketch (highlighted), 2D, 3D, Bookmarks, and Save. The search bar at the top left contains 'okaloosa county fl'. The bottom status bar includes 'Earthstar Geographics' and 'Basemap may not reflect National Geographic's current map policy | Powered by Esri'.

# 9. Analyze Satellite Imagery to Estimate Population and Habitat Suitability







okaloosa county fl

Measure

Measure

Unit: Imperial

Area: 4.93 mi<sup>2</sup>

Perimeter: 8.98 mi

New measurement

Basemaps Open map Map layers Add layer Legend Measure Sketch 2D 3D Bookmarks Save

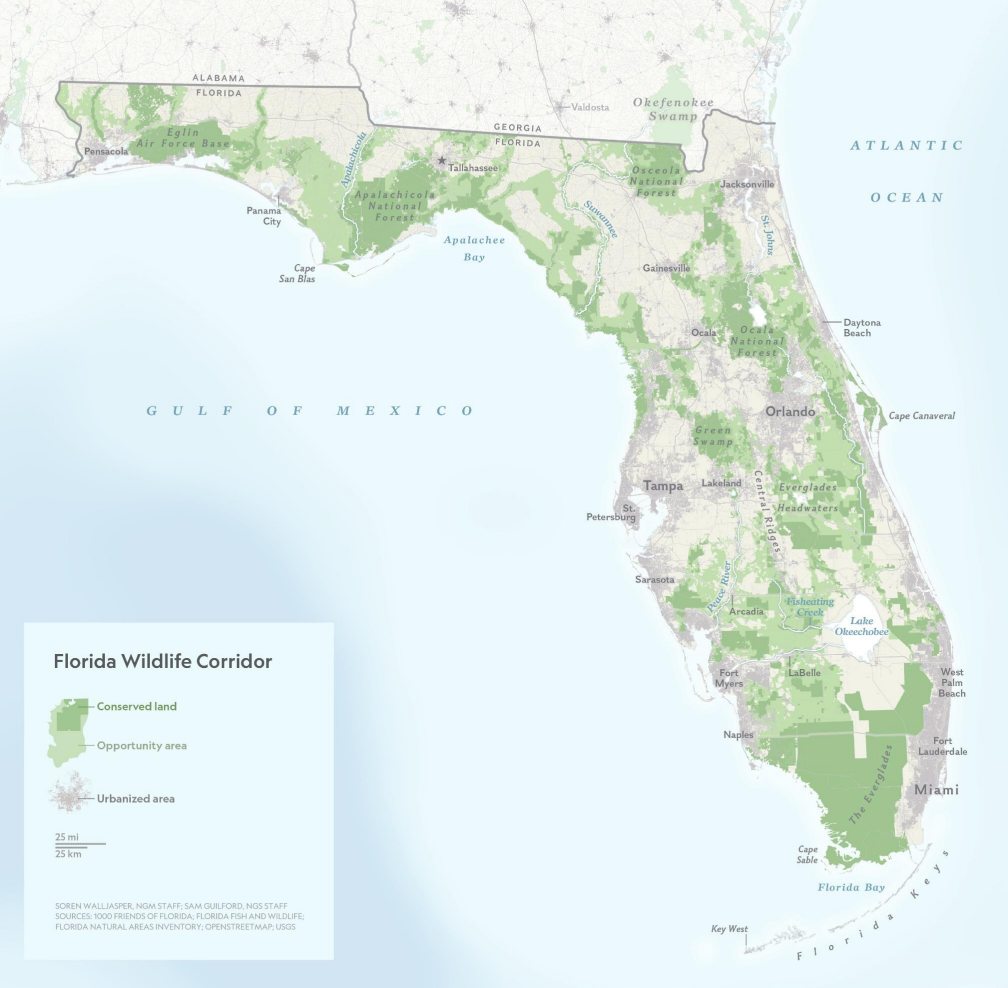
# 9. Analyze Satellite Imagery to Estimate Population and Habitat Suitability



# 10. Develop an Argument Based on Evidence

Use evidence from:

- this map
- what you have learned about the Florida panther



## 12. Reflect

Write your response to one of the following:

- Describe what makes a successful wildlife corridor.
- How might the Florida Wildlife Corridor benefit species other than panthers?
- How might the Florida Wildlife Corridor help the Florida panther population grow?





