



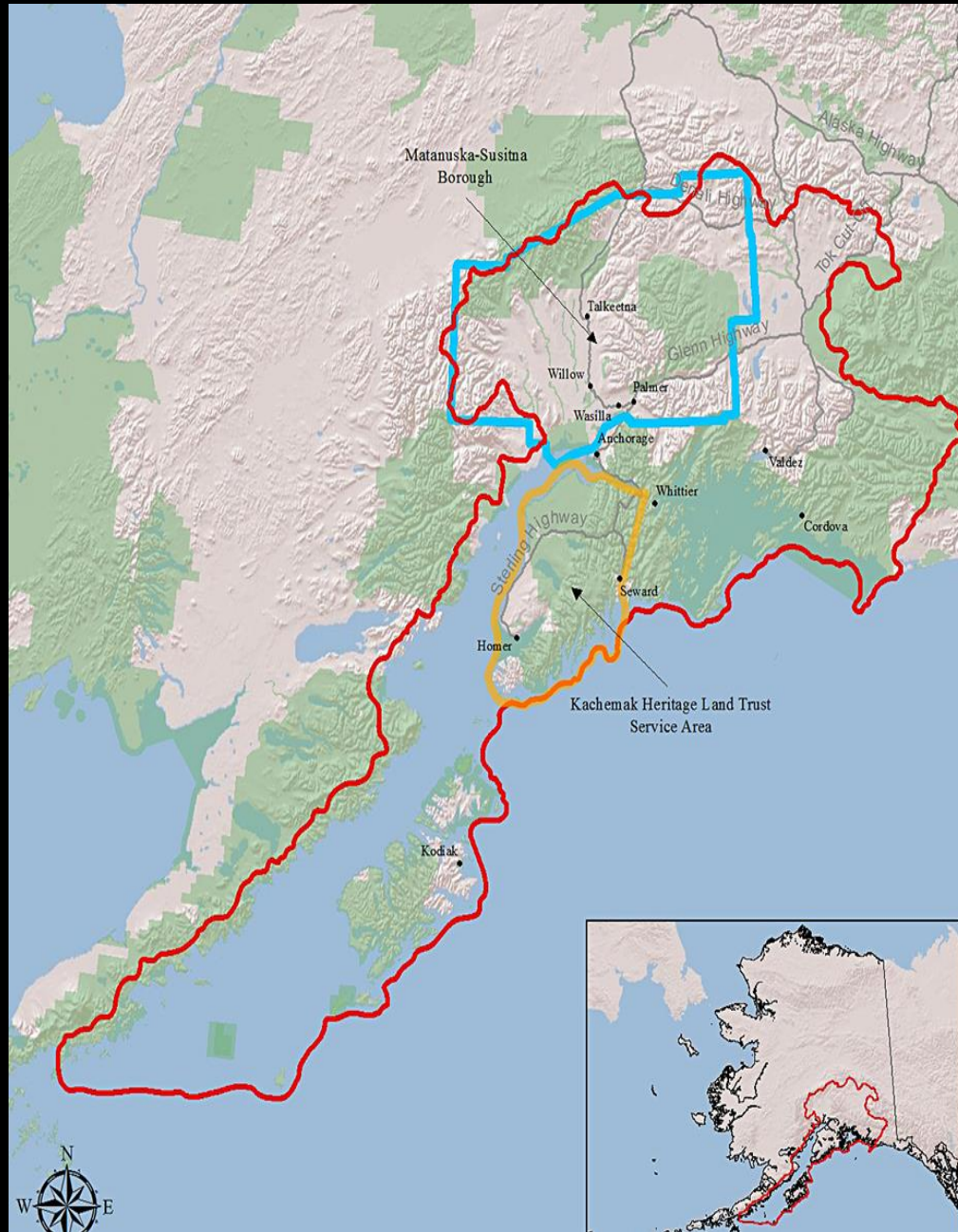
Prioritizing Riparian Habitat: an Update of on-the-Ground Conservation

Tess Frenchik, Great Land Trust

What we've done

*Since 1995,
31 Conservation Projects
totaling over 11,000 acres:*

- 5000 acres of wetlands
- 44 miles of salmon streams
- 9 historic homesteads
- 6 public access projects at Palmer Hay Flats Refuge and Chugach State Park
- 7 Anchorage municipal parks
- 4 Farms



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Salmon Prioritization



Central Portion of Mat-Su Watersheds	Susitna Drainage Watersheds	Eastern portion of Mat-Su Watersheds
Big Lake	Cache Creek	Wasilla Creek
Blodgett Lake	Goose Creek	Jim Creek
Cottonwood Creek	Lake Creek	Jim Lake
Fish Creek	Larson Lake	Matanuska River Clearwater Side Channels
Goose Creek	Montana Creek	McRoberts Creek
Herkimer Lake	Queer Creek	Mud Lake
Horseshoe Lake	Rabideaux Creek	Swan Lake
Little Meadow Creek	Sawyer (Buddy) Creek	Swift Creek
Little Susitna River	Sheep Creek	
Lucile Creek	Sunshine Creek	
Meadow Creek	Susitna River Channel, Sloughs, & Clearwater Side Channels	
	Trapper Creek	
	Twister Creek	
	Whiskers Creek	
	Wiggle Creek	
	Willow Creek	

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Salmon Prioritization



Initial Filters

- Priority waterbodies
- MSB boundary
- Parcels greater than 5 acres
- Parcels within 300' riparian buffer zone

Ownership

- Private
- Native Corporation
- Alaska Mental Health Trust
- Public University
- MSB

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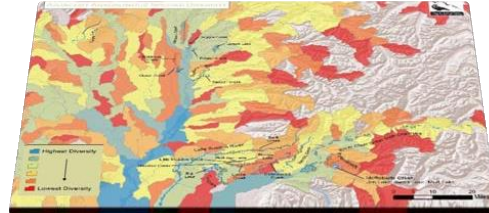
Salmon Prioritization



Development Vulnerability



Salmonid Species Diversity by Subwatershed



Anadromous Stocks of Concern

Region	Waterbody	Stock of Concern Status
East Susitna	Willow Creek Chinook	Adopted 2011
	Goose Creek Chinook	Adopted 2011 (yield); Recommended 2013 (management)
	Sheep Creek Chinook	Recommended 2013
Susitna Main Stem	Susitna River Coho	Adopted 2011
West Susitna	Alexander Creek Chinook	Adopted 2011
West Cook Inlet	Theodore River Chinook	Adopted 2011
	Chuitna River Chinook	Adopted 2011
	Louis River Chinook	Adopted 2011

Normalized Area of Wetlands



Adjacency to Protected Lands



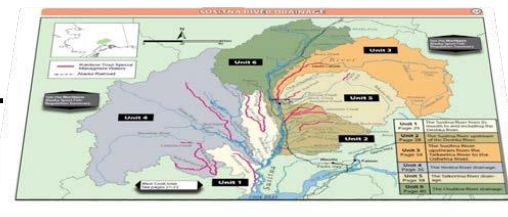
Normalized Stream Length



Normalized Shore Length



Sport Fisheries



Adjacency to Lands of Same Landowner

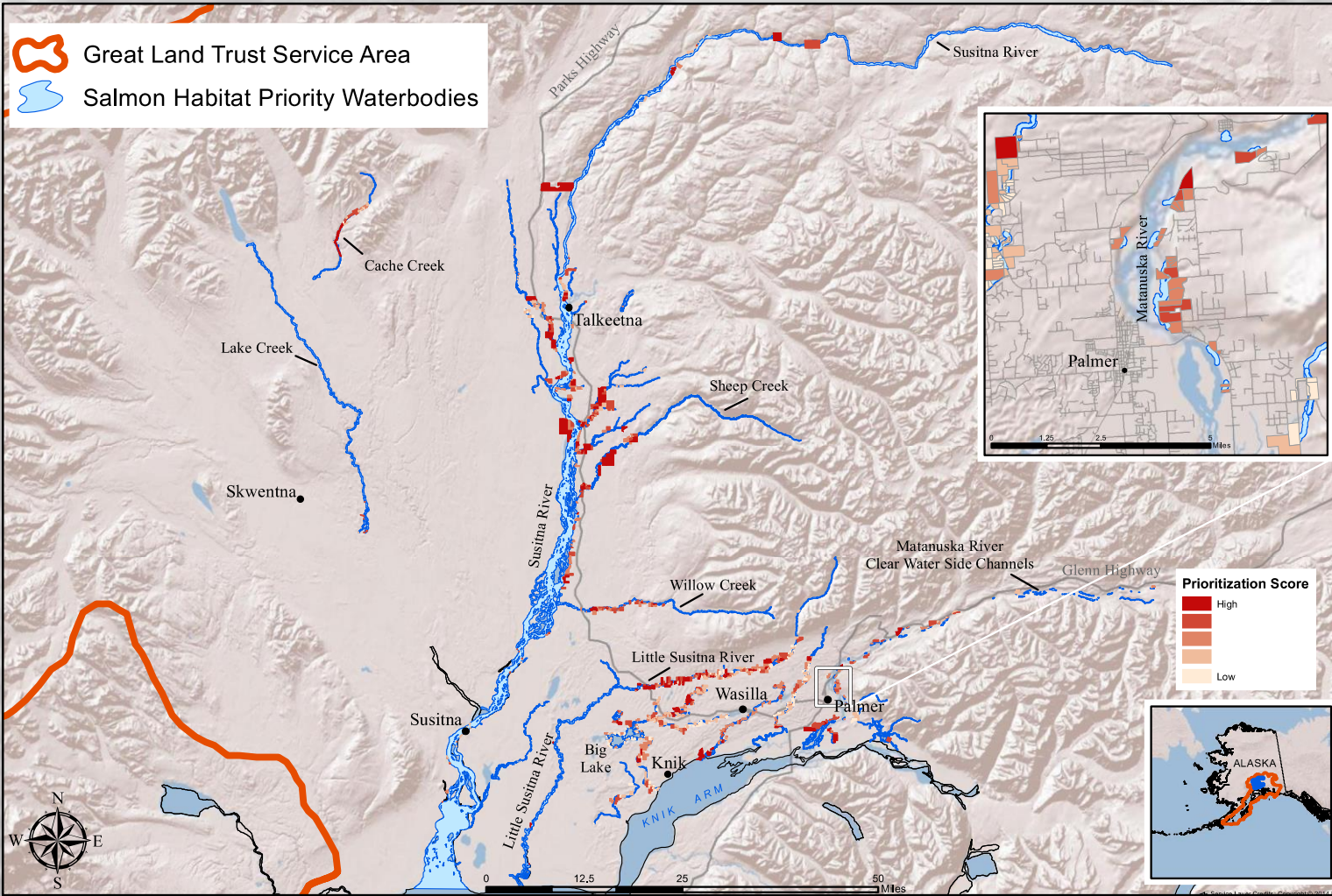


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Salmon Prioritization



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By the Numbers

Total Salmon Projects - 22

Total Acreage - 9,585

Total Salmon Stream Miles - 44

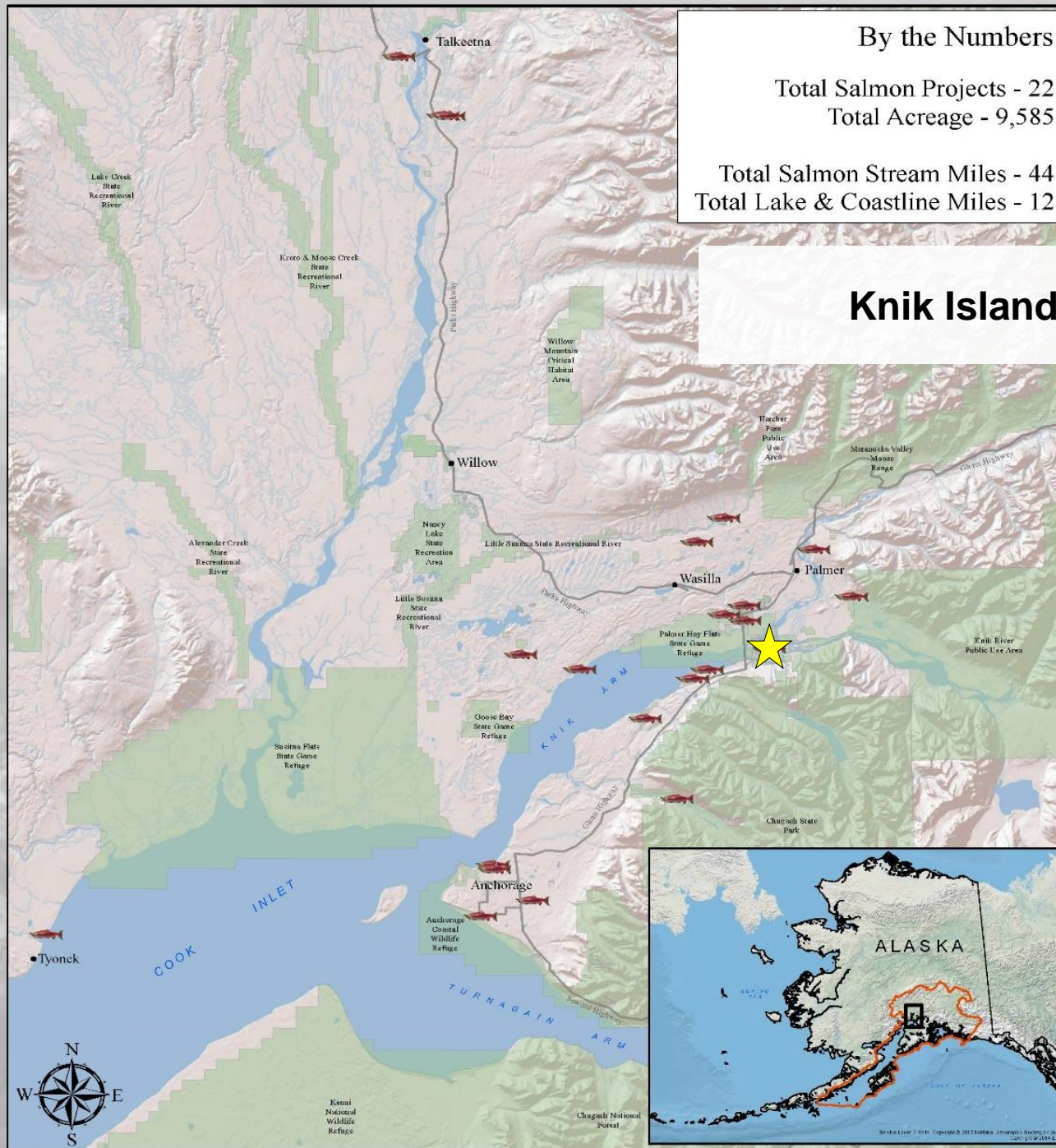
Total Lake & Coastline Miles - 12

Knik Islands

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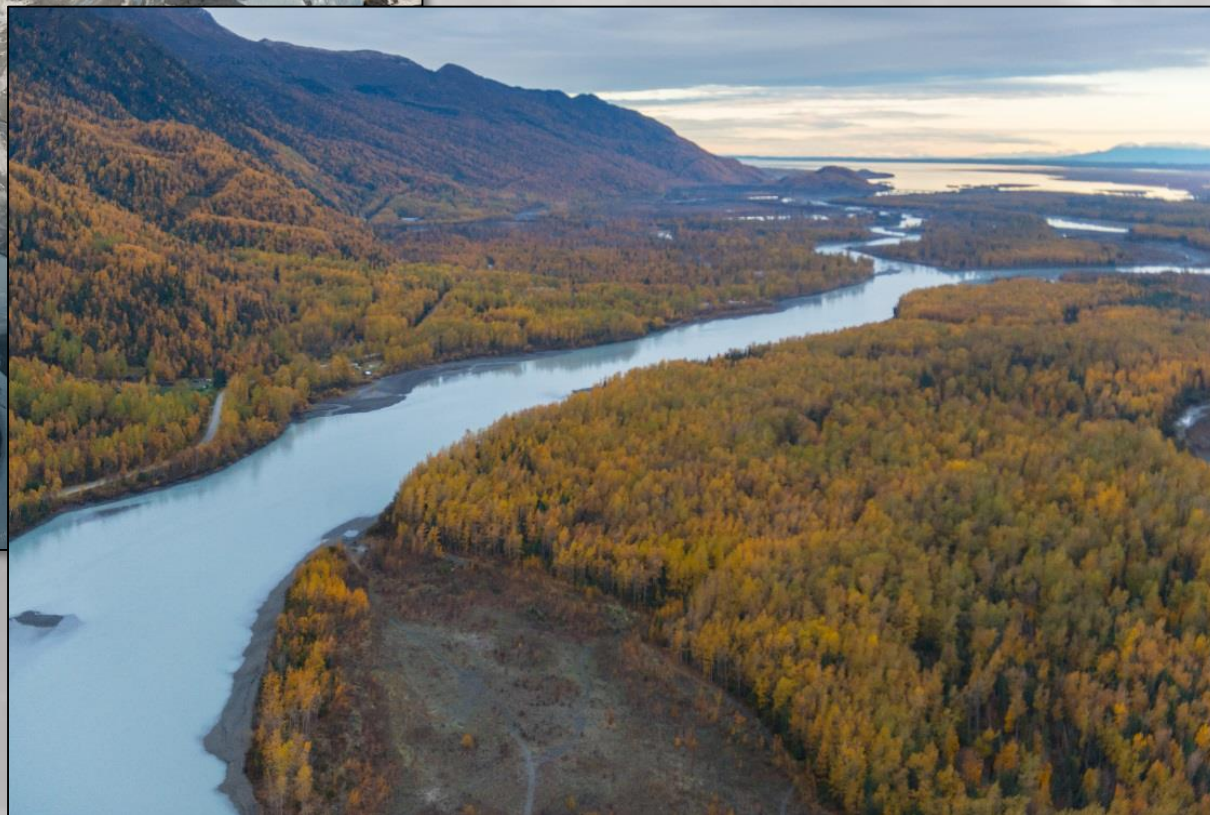
Knik Islands

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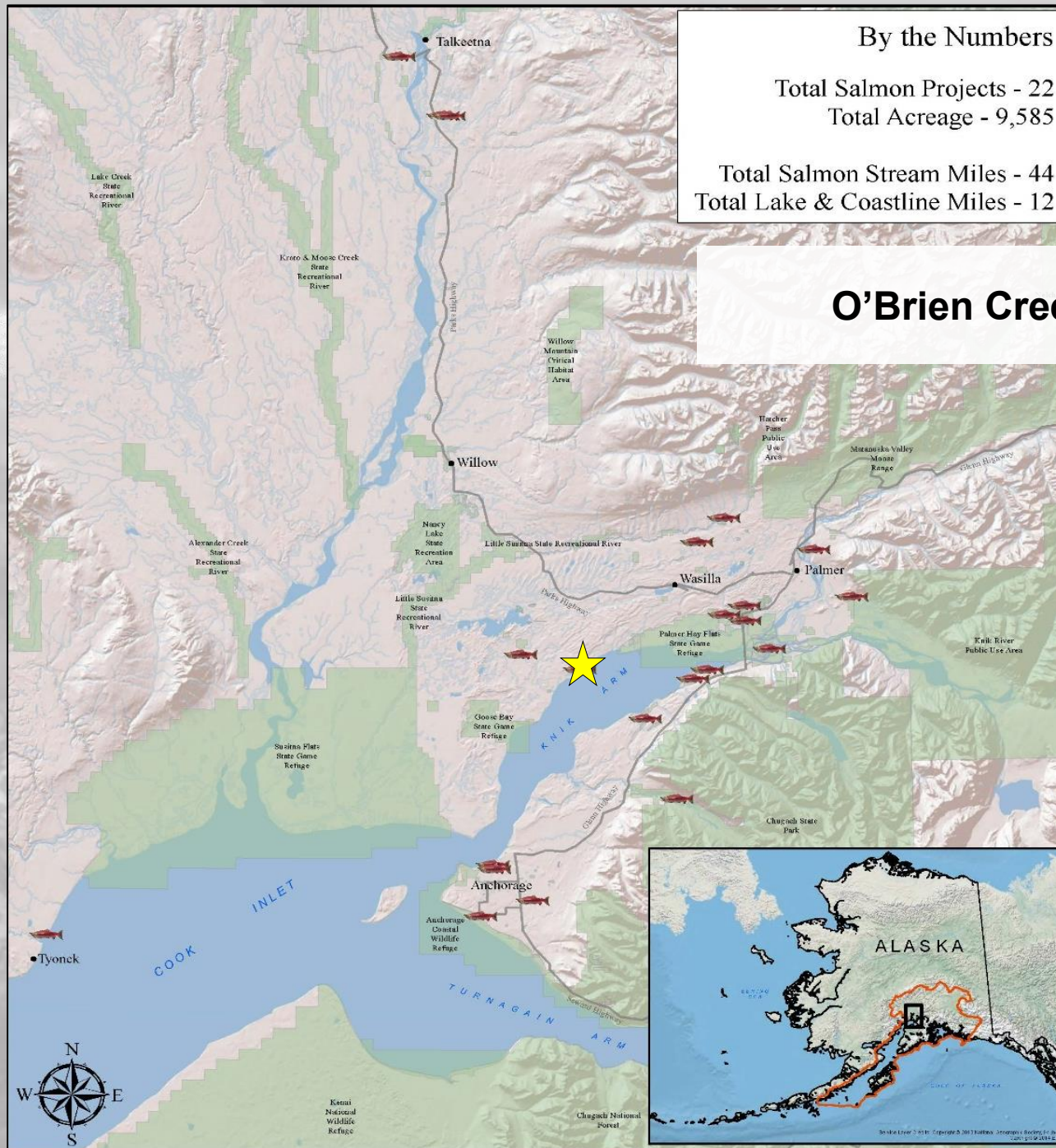
Total Lake & Coastline Miles - 12

O'Brien Creek

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O'Brien Creek



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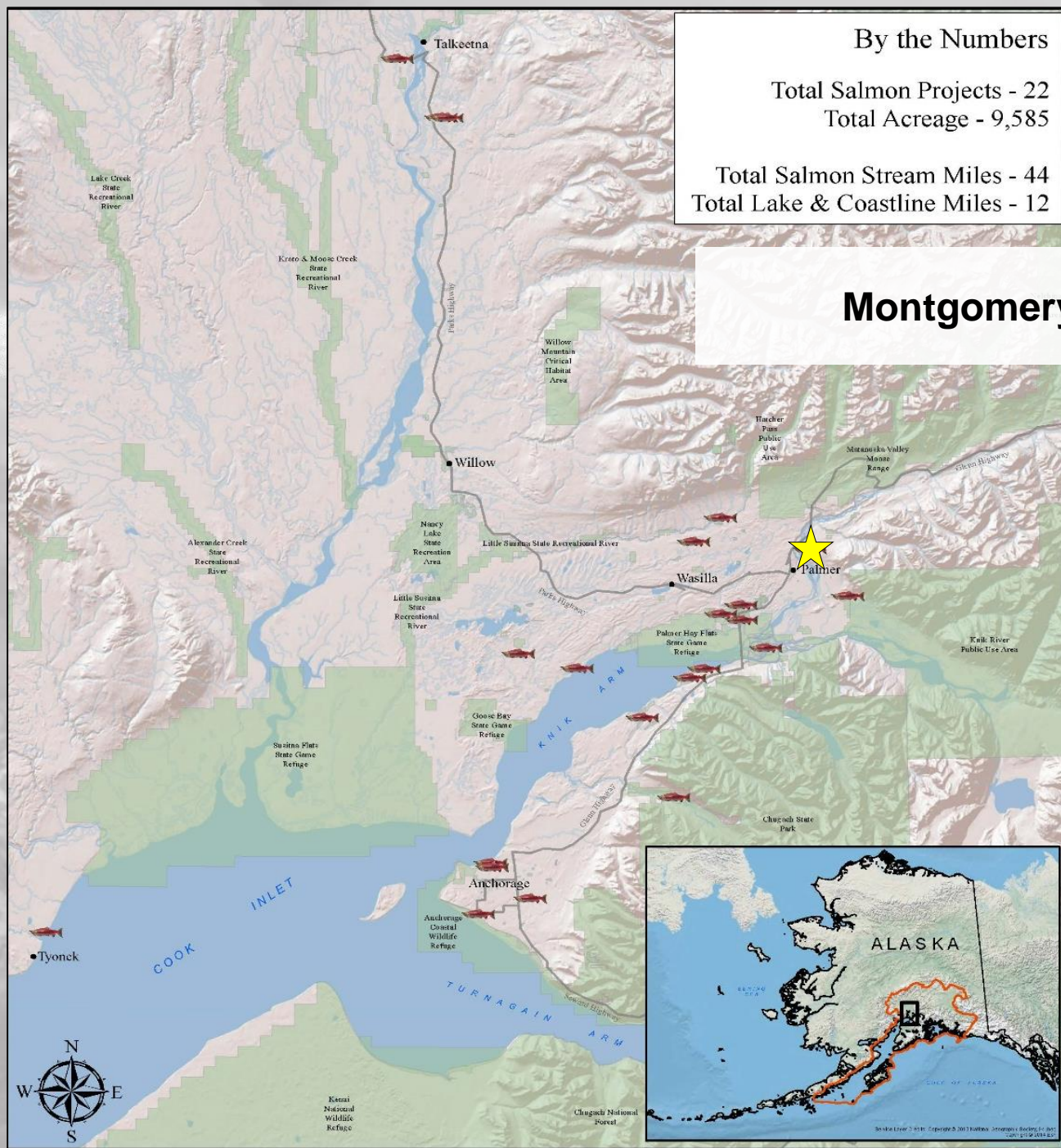
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Montgomery

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Montgomery

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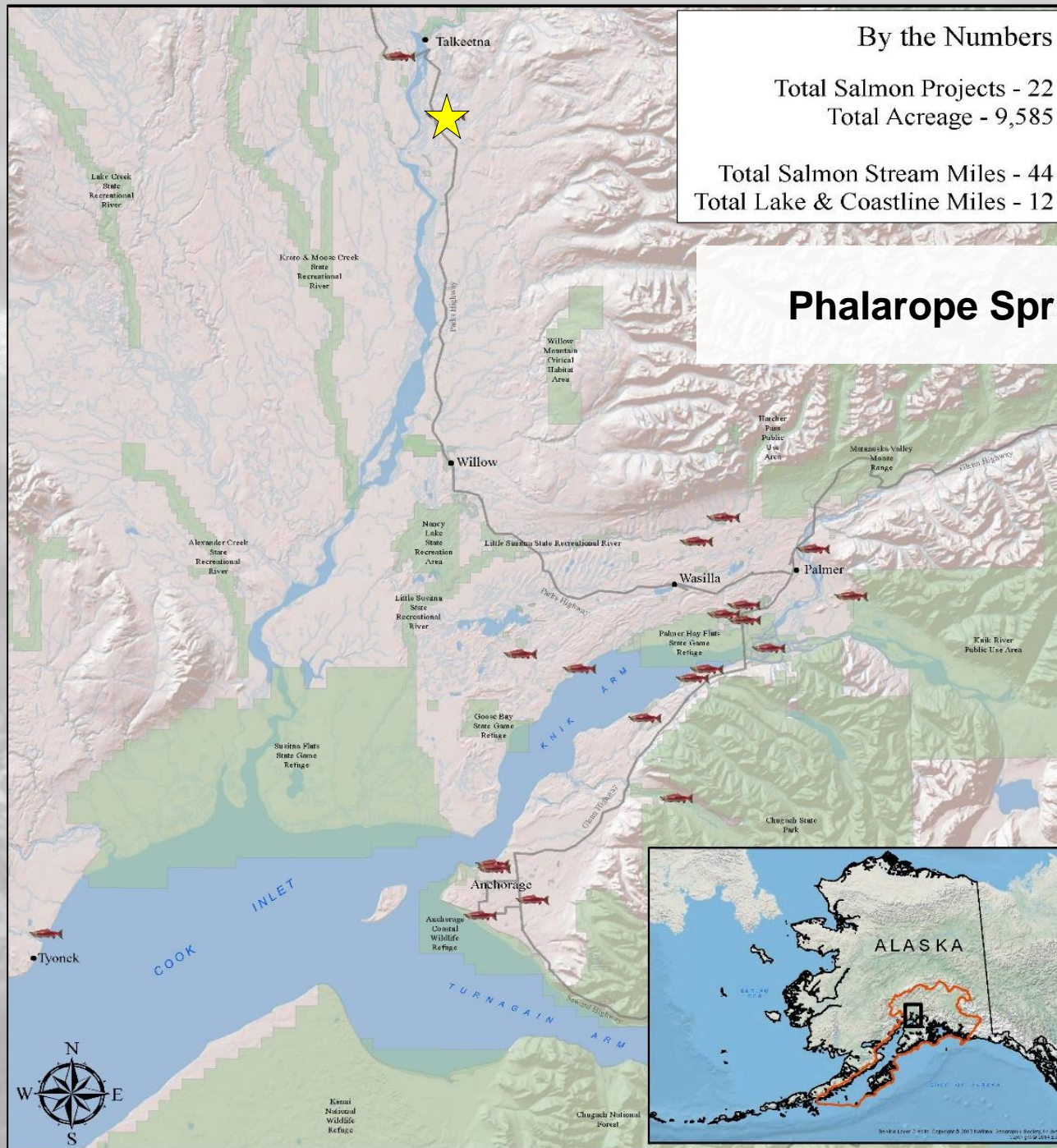
Total Lake & Coastline Miles - 12

Phalarope Springs

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Phalarope Springs

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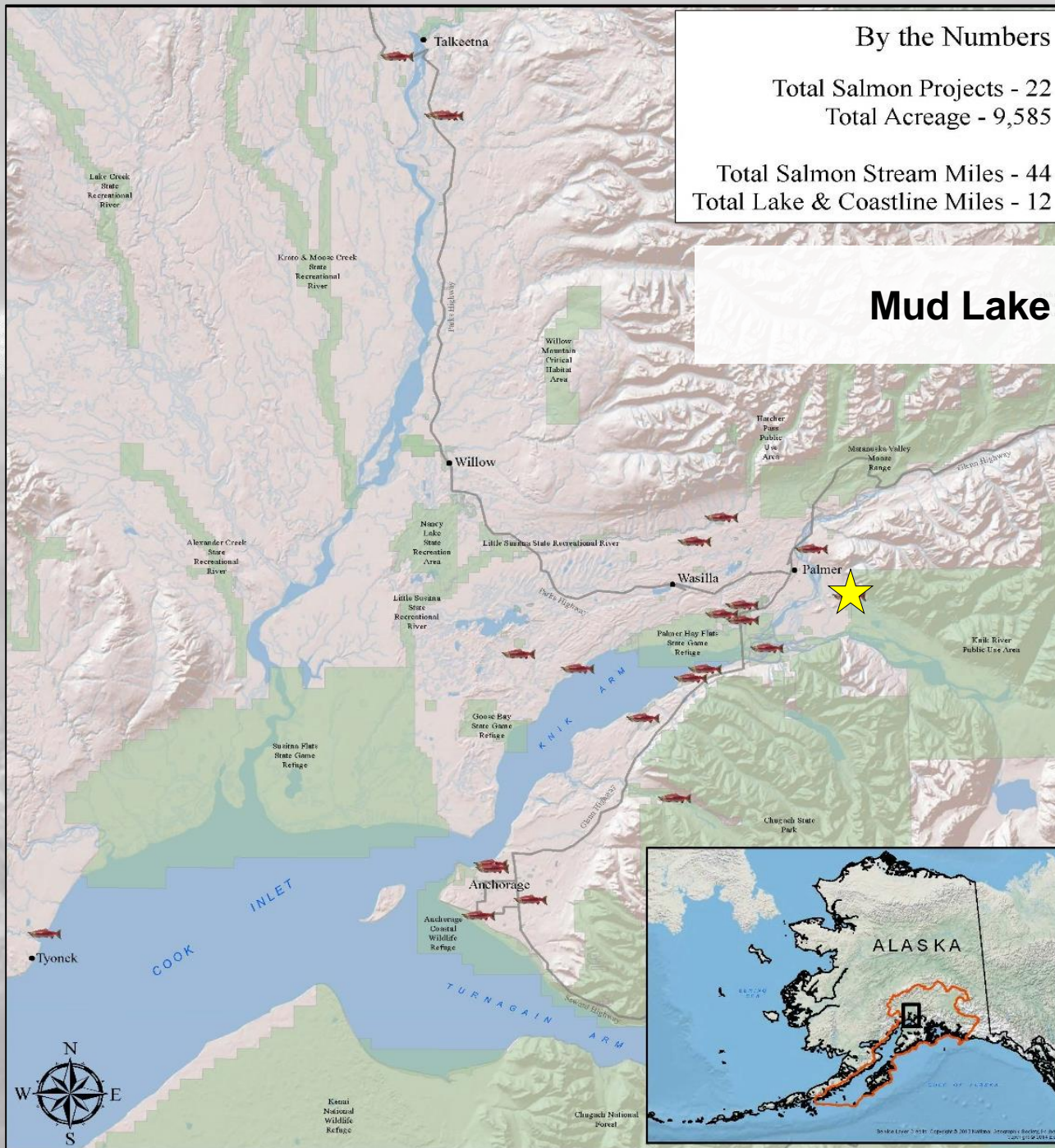
Total Lake & Coastline Miles - 12

Mud Lake

Join

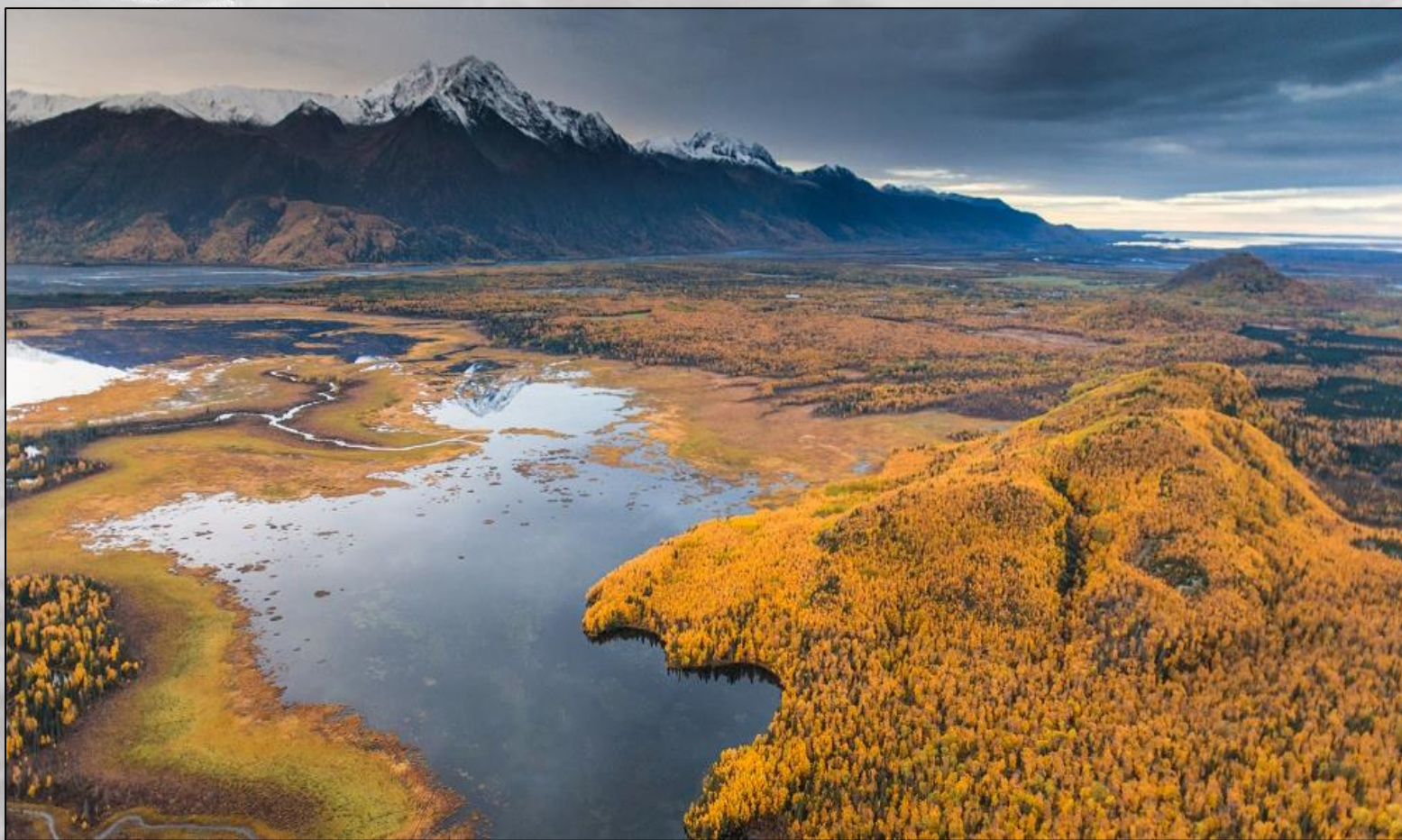
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Mud Lake



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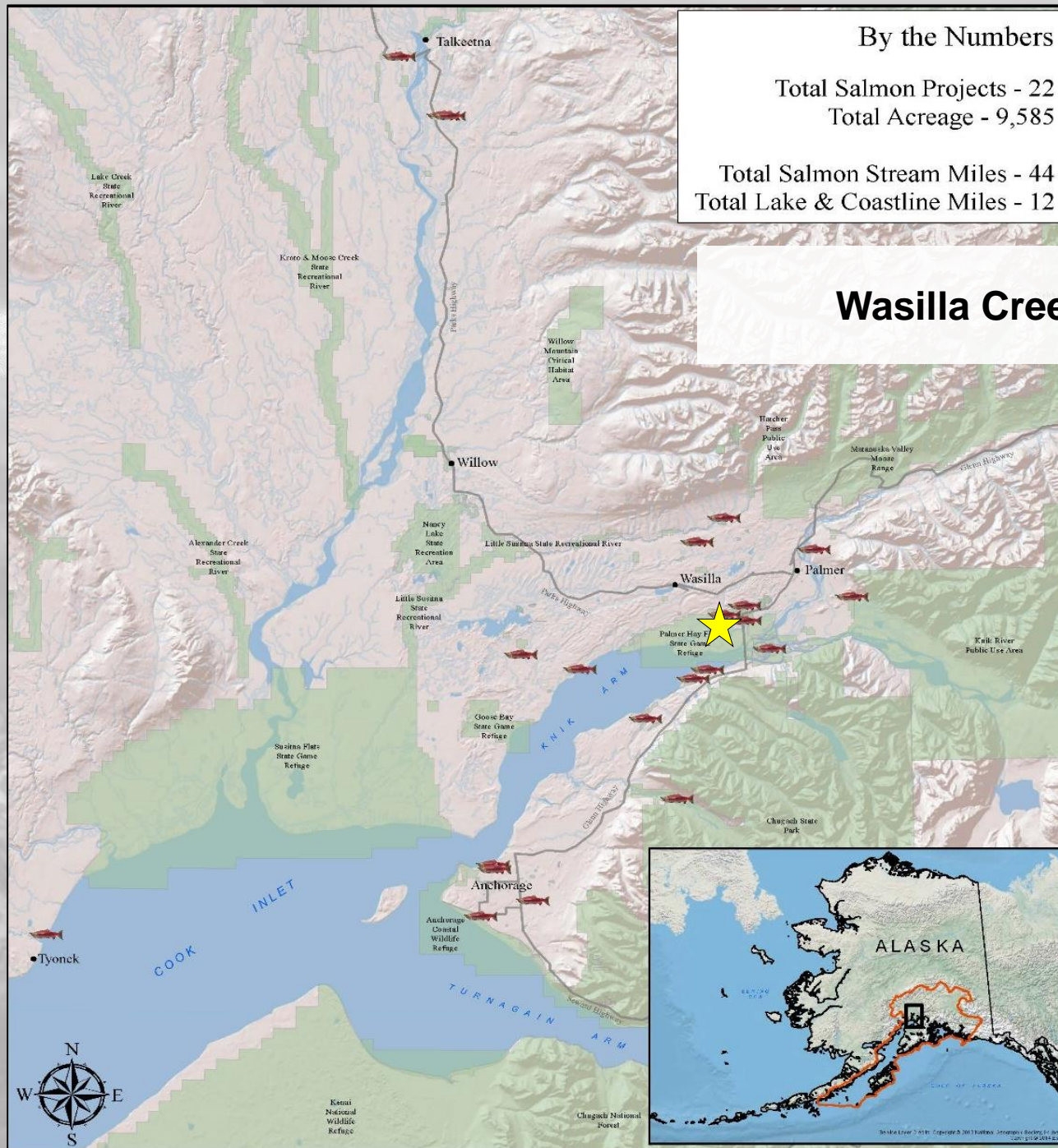
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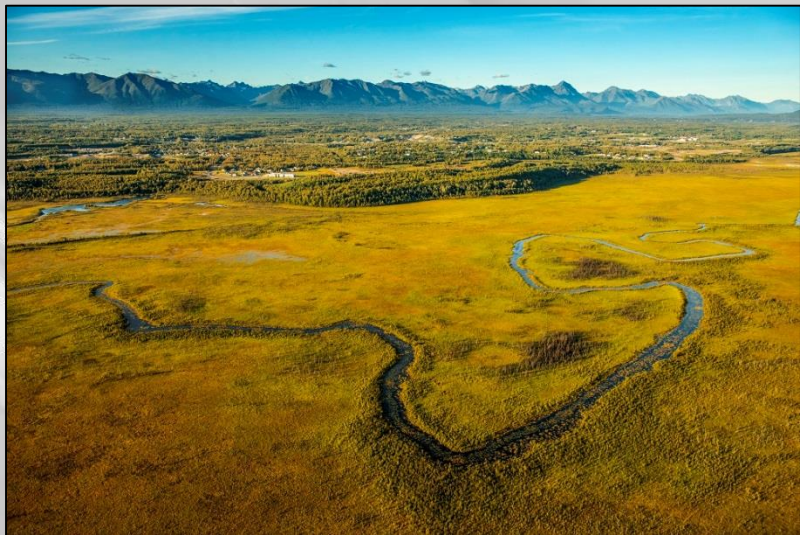
Wasilla Creek

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Wasilla Creek



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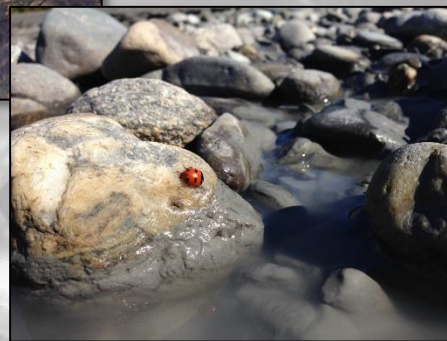
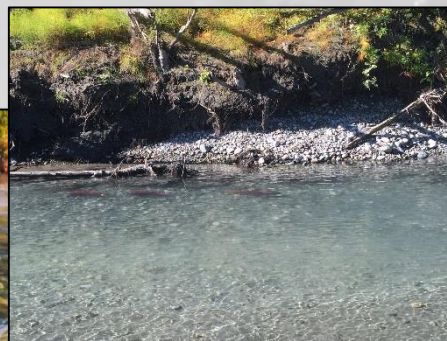
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Monitoring



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An underwater photograph of several salmon swimming in a river. The water is clear, and the fish are in various positions, some near a large, textured log in the foreground. The lighting is natural, highlighting the scales and fins of the fish.

Thank You!

Questions?



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