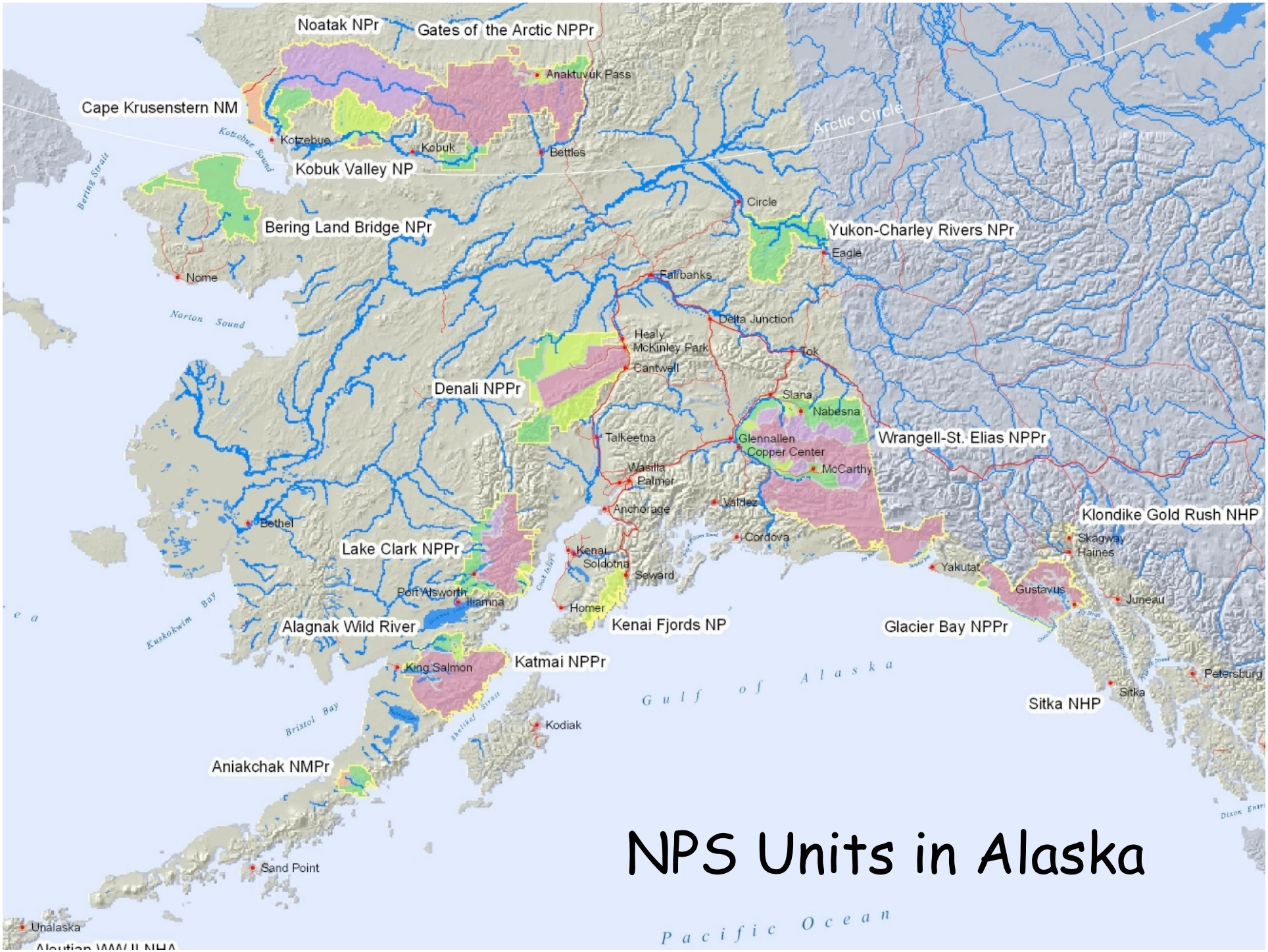


NPS Units in Alaska

- 10 Units which have coastal or oceanic resources
  - ~29,000,000 acres
  - ~2,800 miles of shoreline
  - 2700+ acres of marine and estuarine waters
- Relative to ALL NPS units, Alaska's coastal and marine parks account for approximately
  - 54% of marine shoreline
  - 40% of marine waters (NPS jurisdiction)
- 1 unit has jurisdiction over submerged lands (Glacier Bay National Park)

Table 1. Ocean and Coastal Parks in Alaska Region *

Unit Name	Year Established	Size (acres)	Waters (acres)	Coast (miles)
Aniakchak National Monument and Preserve	1978	464,118	0	70
Bering Land Bridge National Preserve	1978	2,697,393	?	175
Cape Krusenstern National Monument	1978	649,085	0	118
Glacier Bay National Park and Preserve	1925	3,224,840	601,600	1,185
Katmai National Park and Preserve	1918	4,093,229	672,000	497
Kenai Fjords National Park	1978	669,983	0	468
Klondike Gold Rush National Historic Park	1976	13,191	0	1
Lake Clark National Park and Preserve	1978	4,030,025	0	127
Sitka National Historic Park	1910	113	50	1
Wrangell -St. Elias National Park and Preserve	1978	13,175,901	0	129
Alaska Region Totals:		**29,017,878**	**1,273,650**	**2,771**

Coastal and Marine Vital Signs in Alaska

- Marine Water Chemistry
- Kelp and Eelgrass
- Black Oystercatcher
- Seabirds
- Sea Otter
- Harbor Seal
- Oceanography
- Forage Fish
- Killer Whales
- Kittlitz's murrelets
- Humpback whales
- Lagoon Communities, Glacial Dynamics, Bald Eagles, brown bears, invasive species, salmon, intertidal invertebrates, etc.

Sitka National Historic Park

Base Map

Alaska Region
National Park Service
U. S. Department of the Interior

Legend

- Towns
- Alaska Parks Outline

Alaska Parks

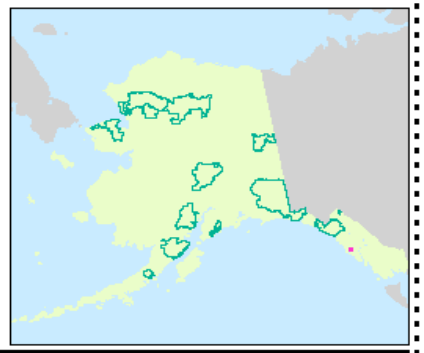
- Park
- Park/Water (Gilba)
- Park/Wilderness
- Park/Wilderness/Water (Gilba)
- Preserve
- Preserve/Wilderness
- Monument
- Historical Park
- Navigable River (Yuch)
- Wild River (Alag)

National Park Service
Alaska Regional Office
GIS Team

N W E S

0 500 1,000 Feet

UTM Zone 8 Projection on the
North American Datum 1983



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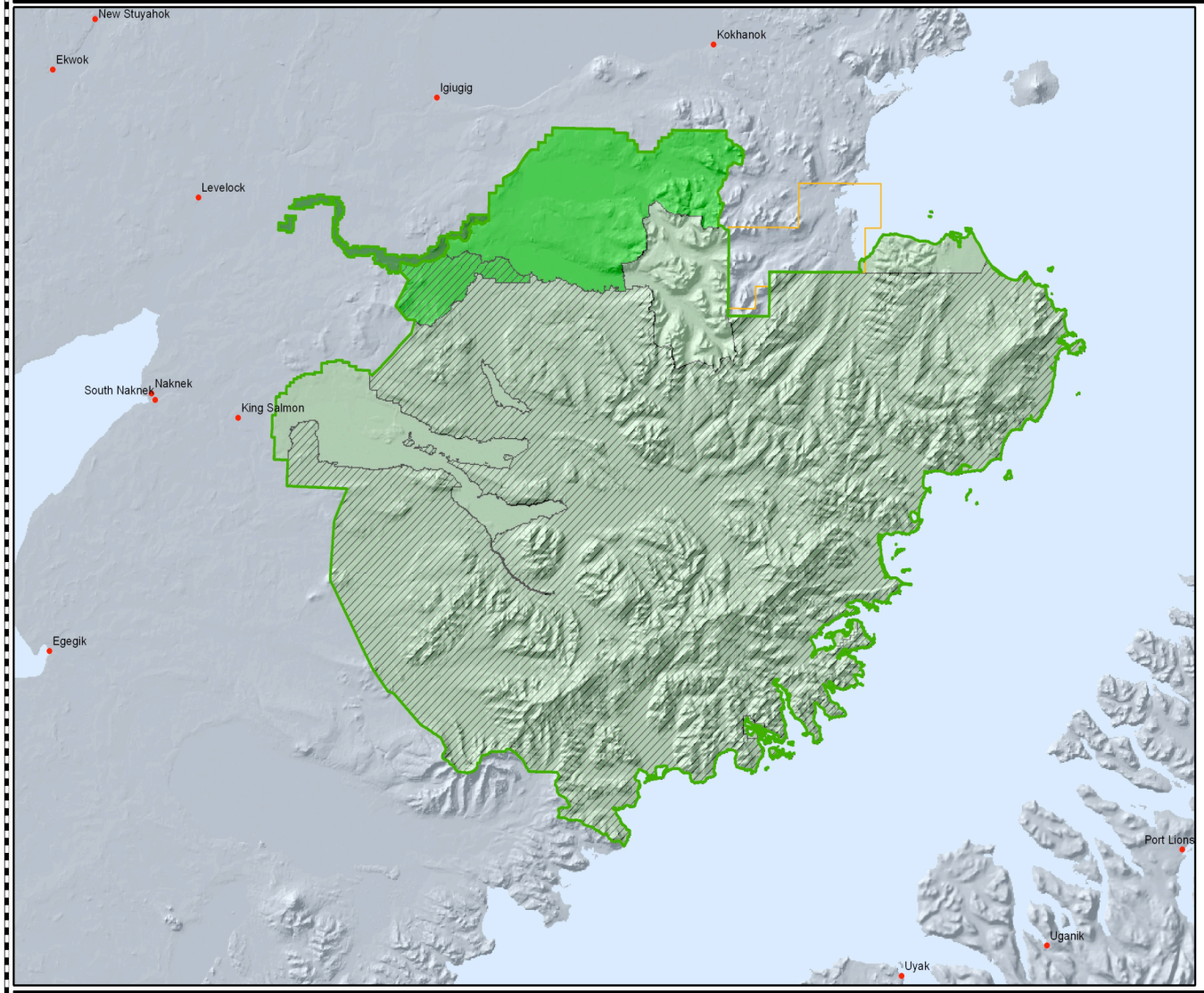
AKR0019.01.01

Katmai National Park and Preserve

Base Map

Alaska Region
National Park Service
U. S. Department of the Interior



Legend

Towns

- Town Location

National Natural Landmark

- National Natural Landmarks

Alaska Parks

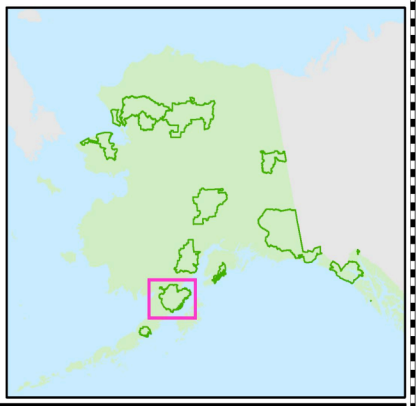
- Park
- Preserve
- Monument
- Park/Wilderness
- Preserve/Wilderness
- Historical Park
- Park/Wilderness/Water (Glba)
- Park/Water (Glba)
- Navigable River (Yuch)
- Wild River (Alag)

National Park Service
Alaska Regional Office
GIS Team

0 3.5 7 14 21 28 35 Miles

N W E S

Alaska Albers Projection on the
North American Datum 1983



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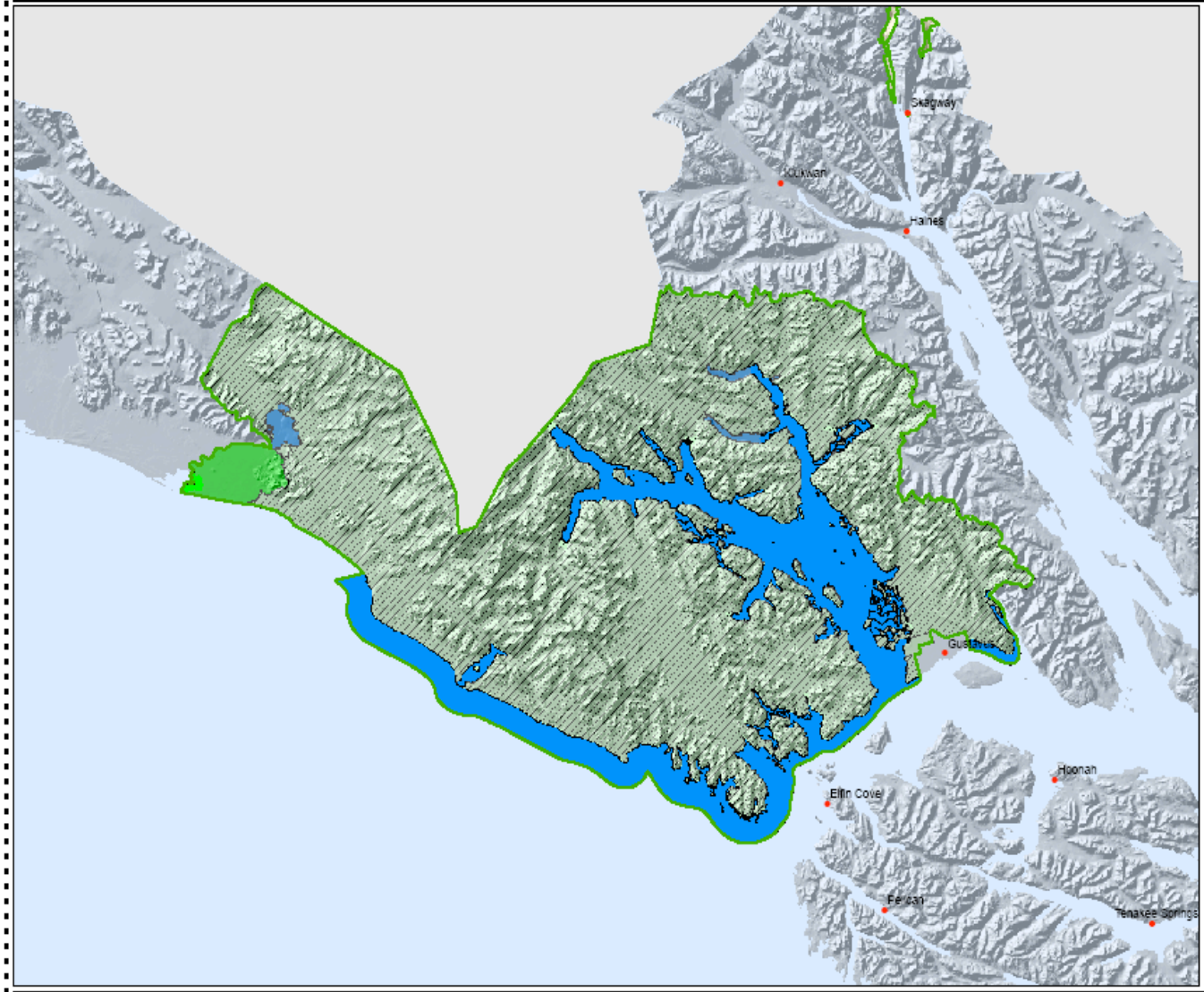
AKR0012.01.01

Glacier Bay National Park and Preserve

Base Map

Alaska Region
National Park Service
U. S. Department of the Interior



Legend

Towns

- Town Location

National Natural Landmark

- National Natural Landmarks

Alaska Parks

- Park
- Preserve
- Monument
- Park/Wilderness
- Preserve/Wilderness
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- Park/Wilderness/Water (Glba)
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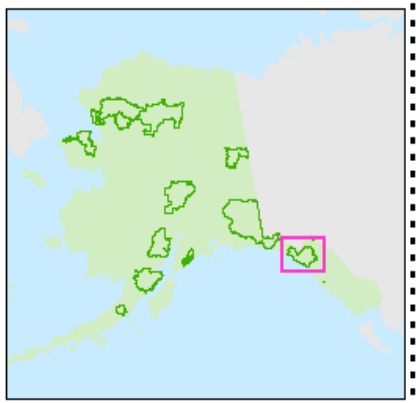
- Navigable River (Yuch)
- Wild River (Alag)

National Park Service
Alaska Regional Office
GIS Team

0 3.5 7 14 21 28 35 Miles

N W E S

Alaska Albers Projection on the
North American Datum 1983



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AKR0011.01.01

ShoreZone Coastal Habitat Mapping Program in Alaska

Imaged and Mapped
23,999 km

- Aniakchak (170 km)
- Katmai (806 km)
- Kodiak (4,981 km)
- Cook Inlet (2,364 km)
- Outer Kenai (1,955 km)
- PWS04 (1,543 km)
- SE04-05 (6,454 km)
- SE06 (5,726 km mapped as of Feb08)

Mapping In Progress
12,402 km

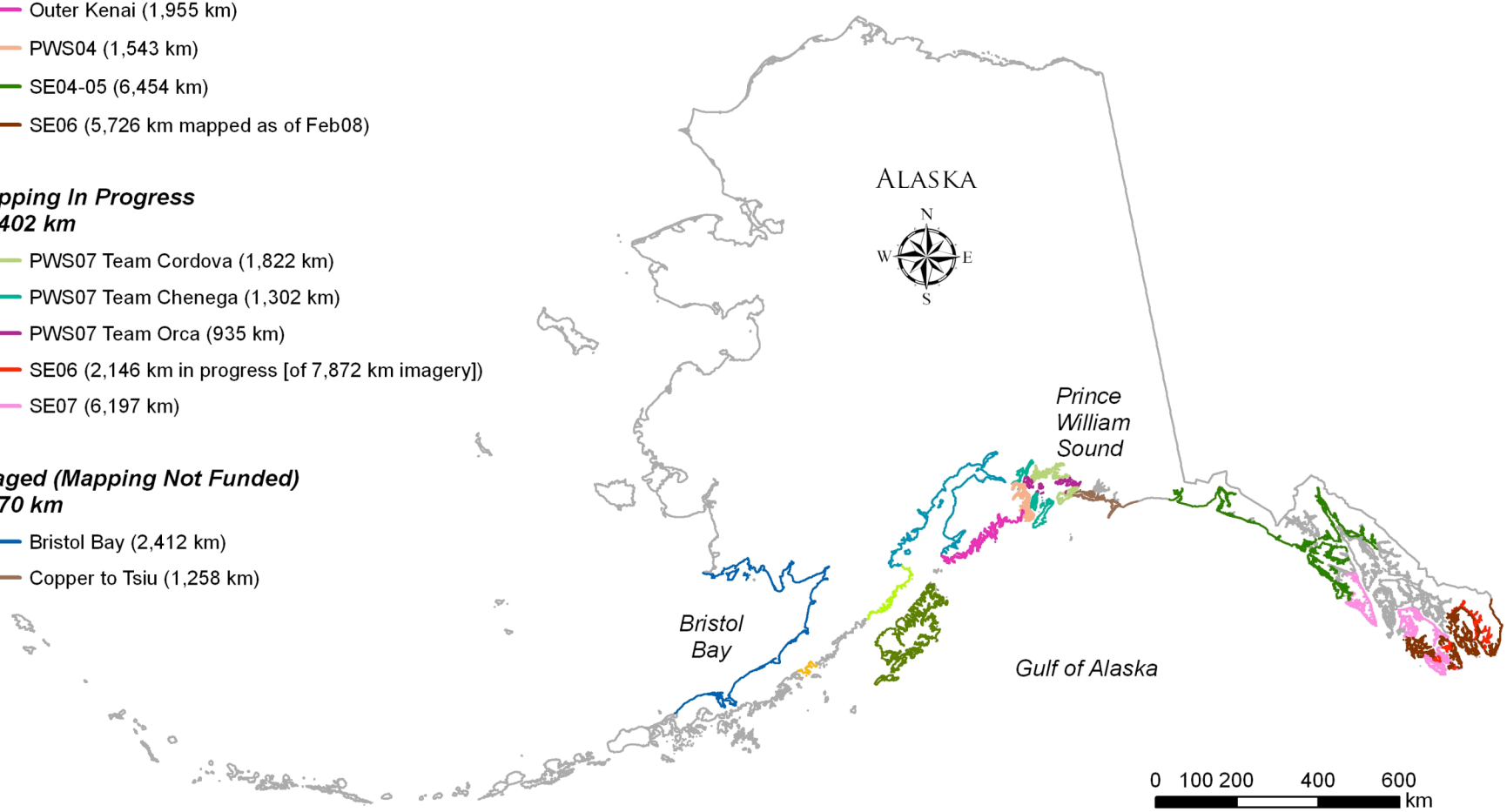
- PWS07 Team Cordova (1,822 km)
- PWS07 Team Chenega (1,302 km)
- PWS07 Team Orca (935 km)
- SE06 (2,146 km in progress [of 7,872 km imagery])
- SE07 (6,197 km)

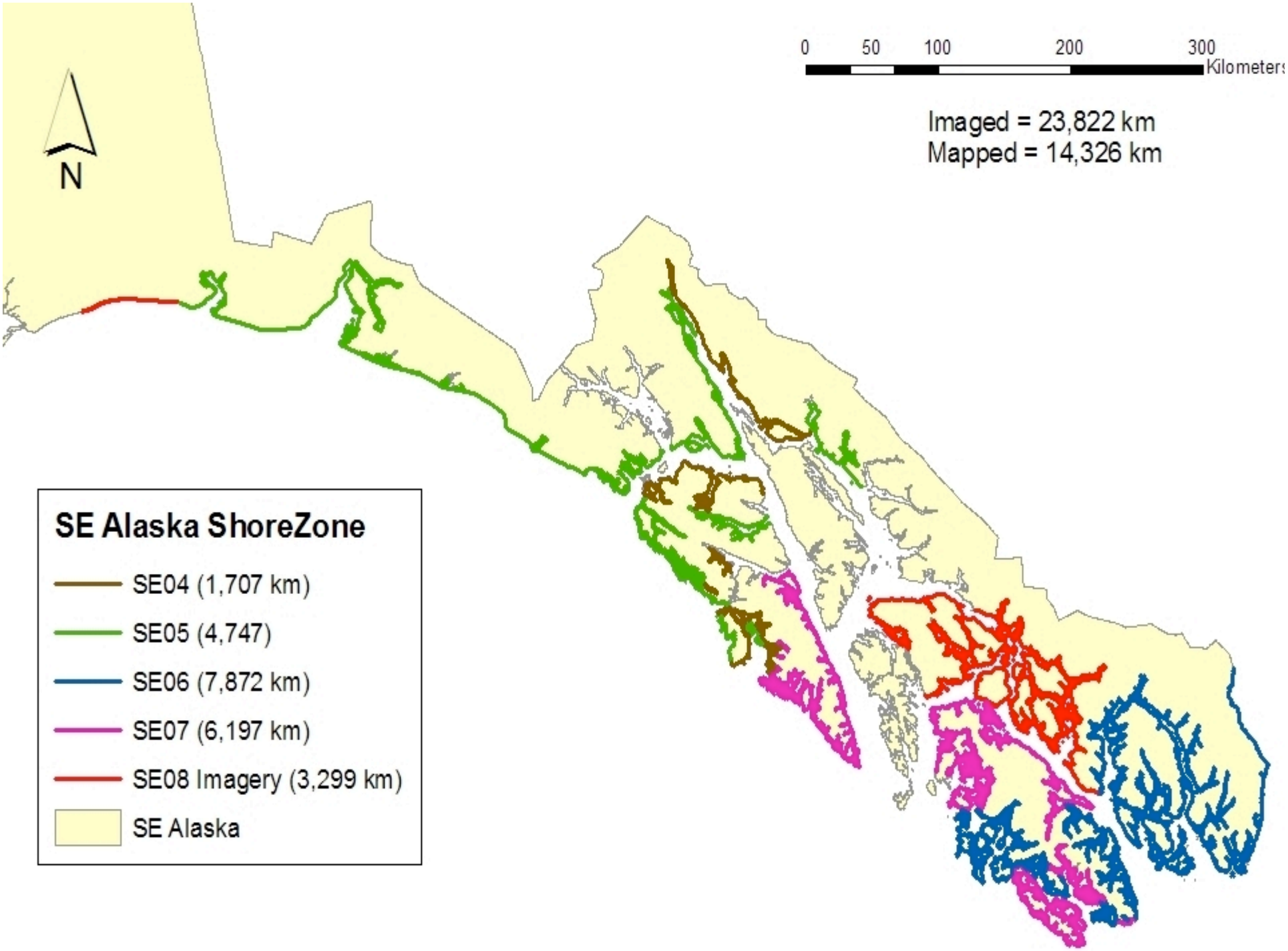
Imaged (Mapping Not Funded)
3,670 km

- Bristol Bay (2,412 km)
- Copper to Tsiu (1,258 km)

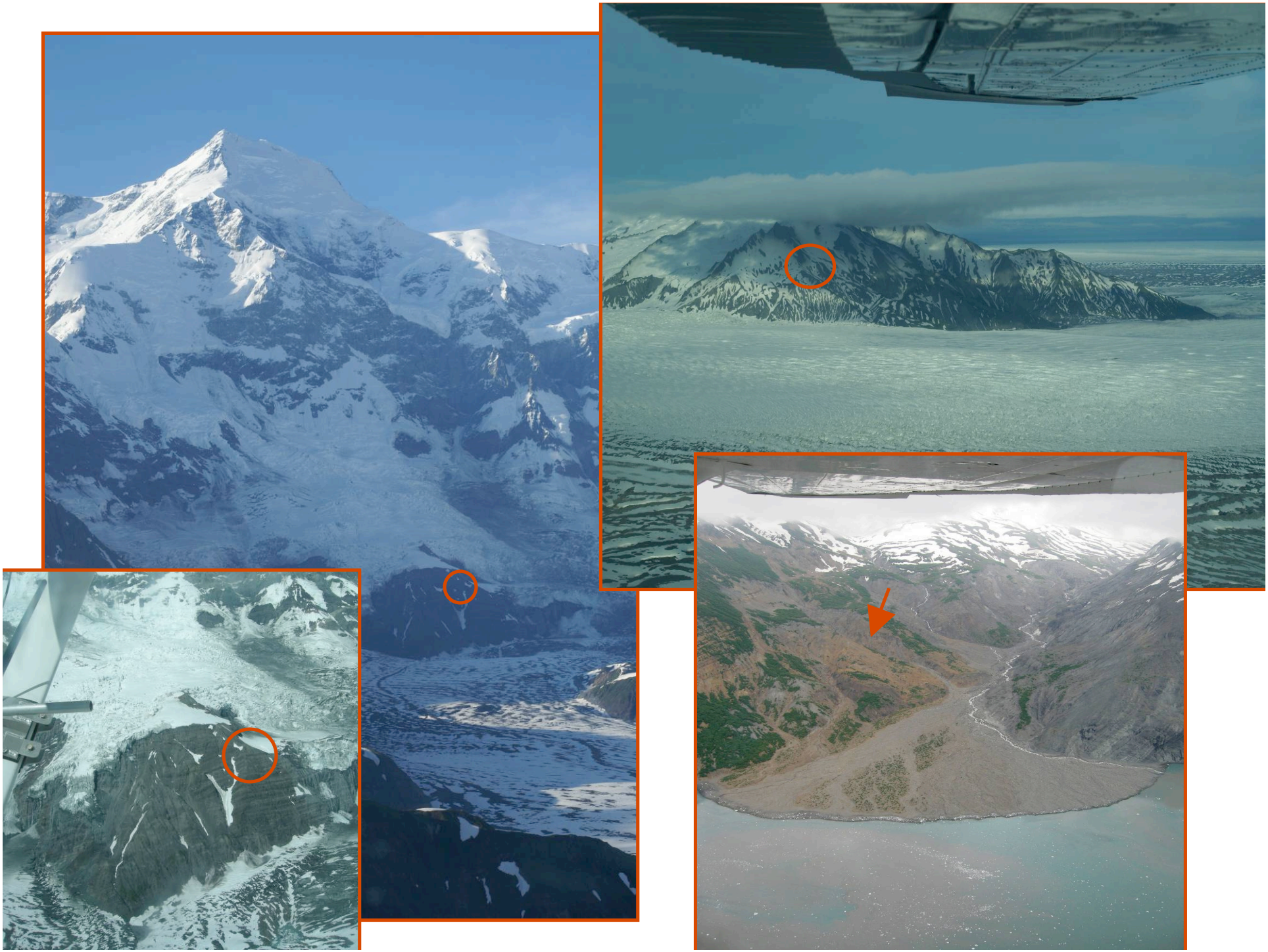
Total Imagery in Alaska = 40,071 km
(73% of State Shoreline [55,000 km] imaged)

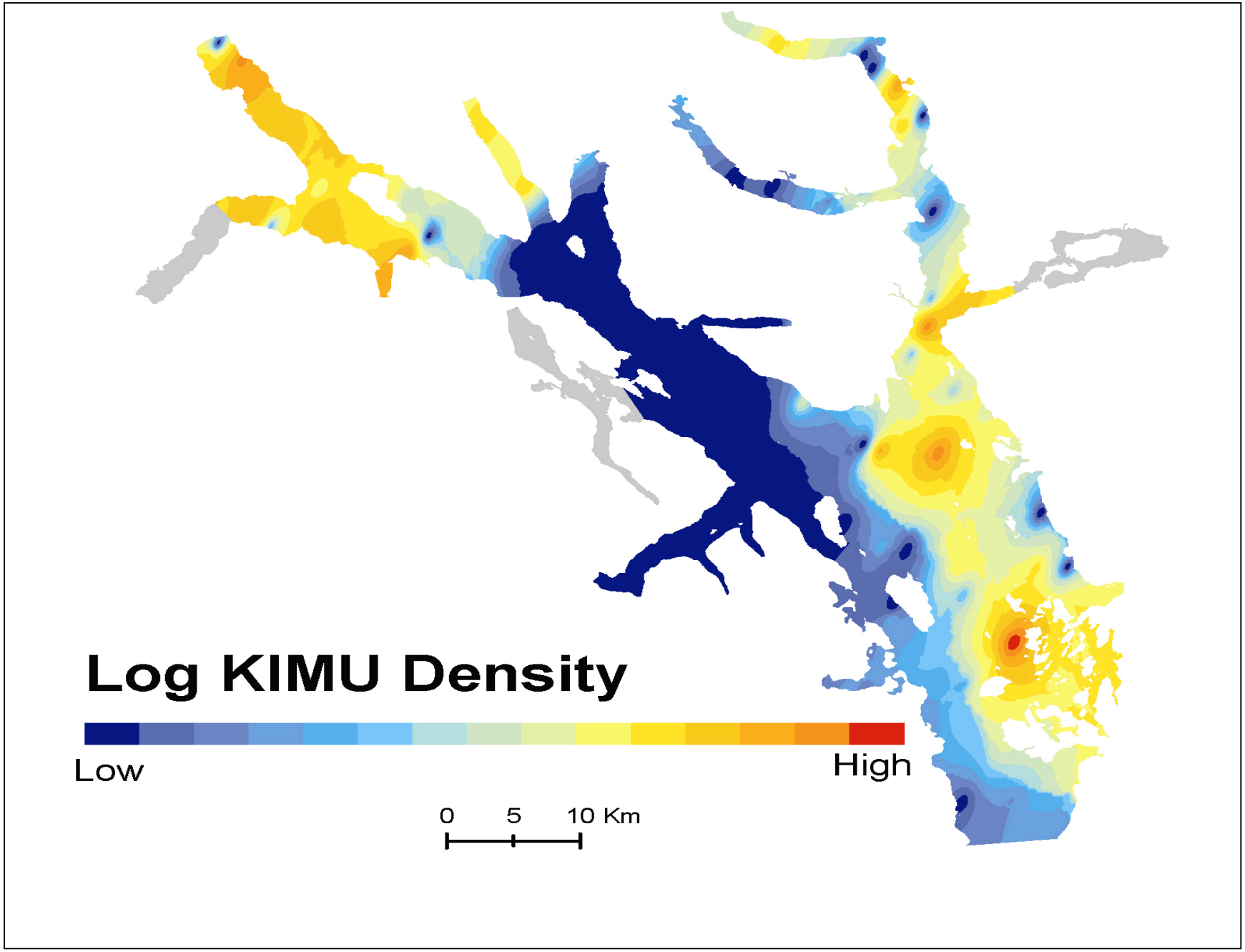
Imagery in SE Alaska = 20,523 km
(61% of SE Shoreline [33,600 km] imaged)



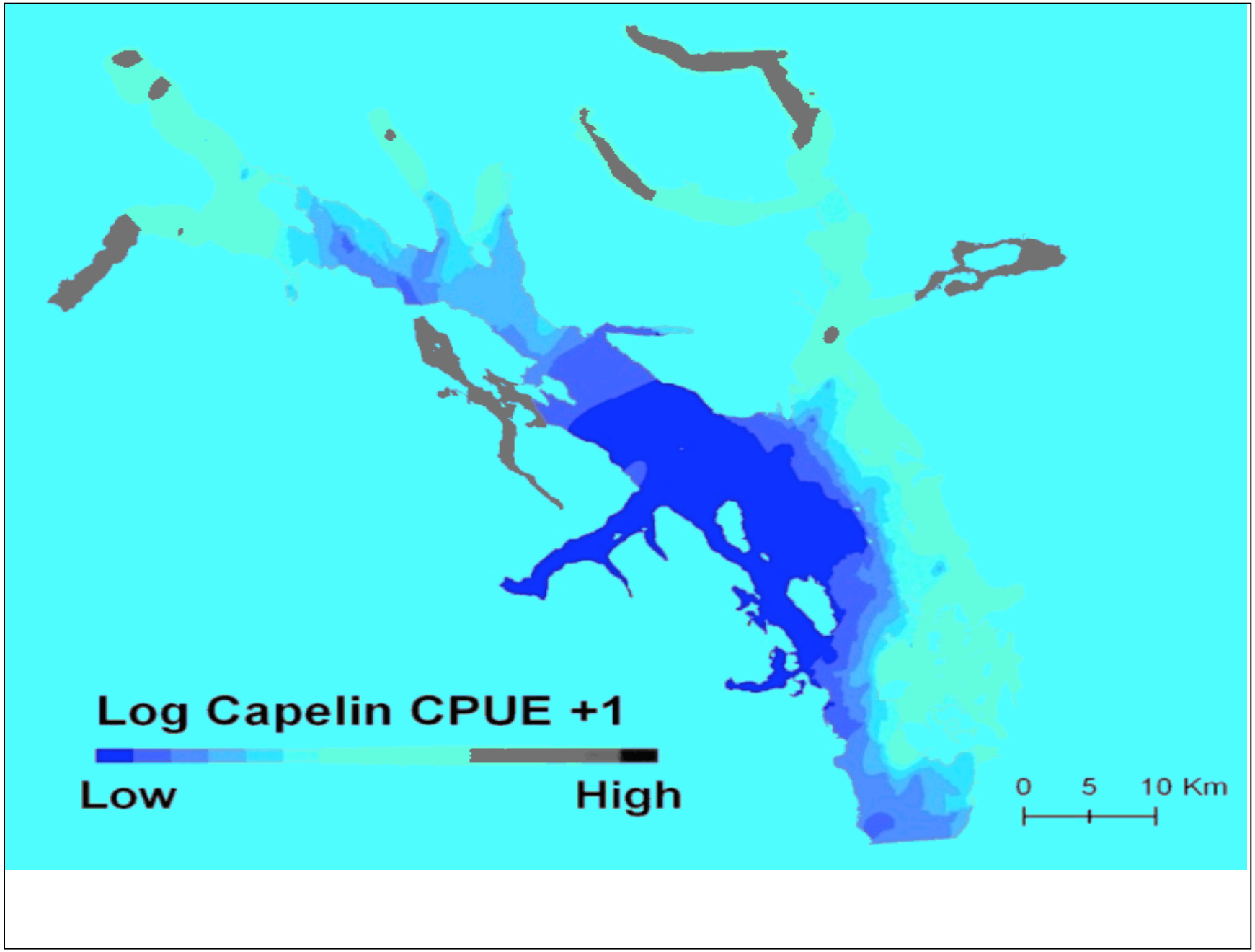

0
50
100
200
300
Kilometers
Imaged = 23,822 km
Mapped = 14,326 km
N
SE Alaska ShoreZone
SE04 (1,707 km)
SE05 (4,747)
SE06 (7,872 km)
SE07 (6,197 km)
SE08 Imagery (3,299 km)
SE Alaska

Benthos-Pelagic-Vital Sign (management) Linkages

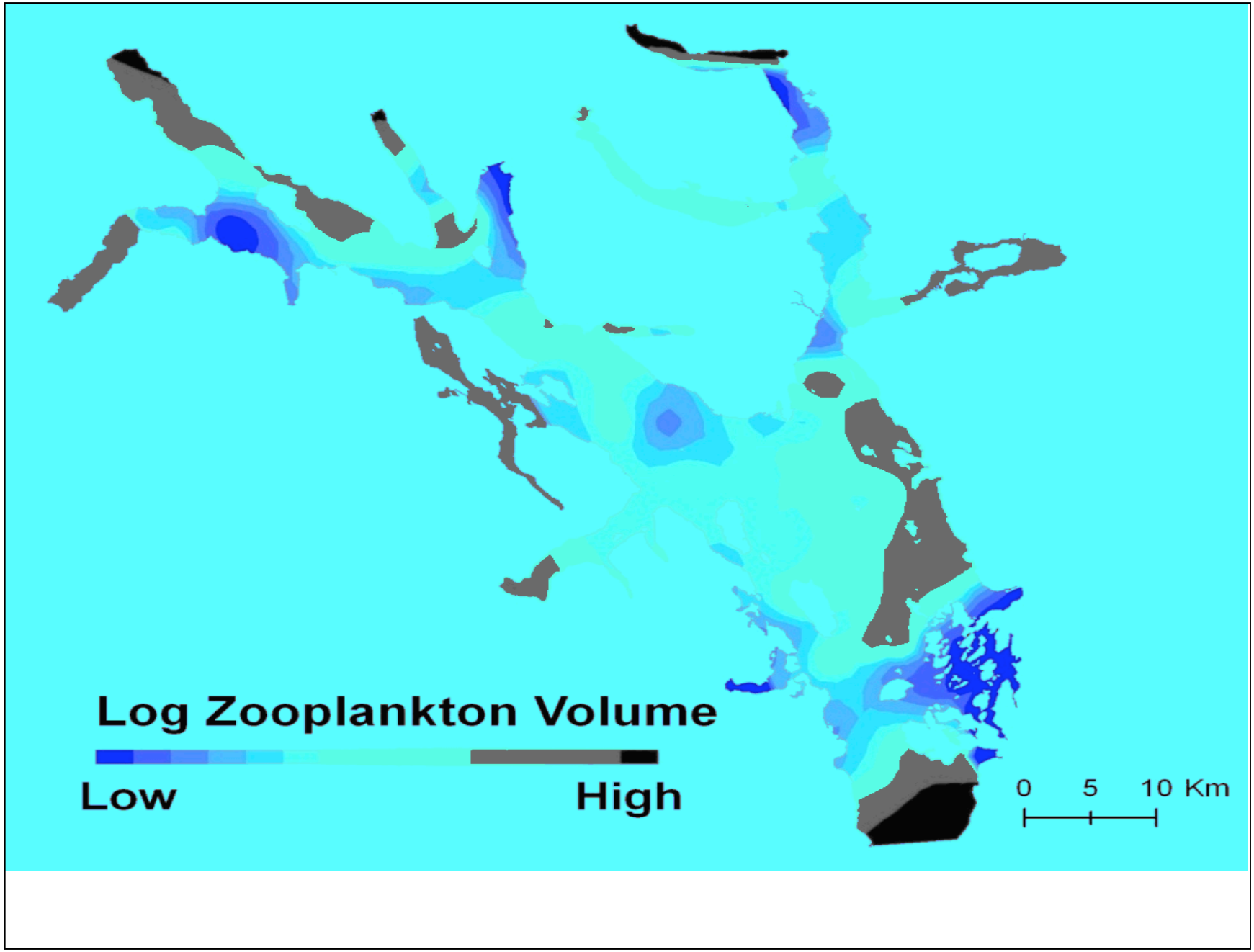




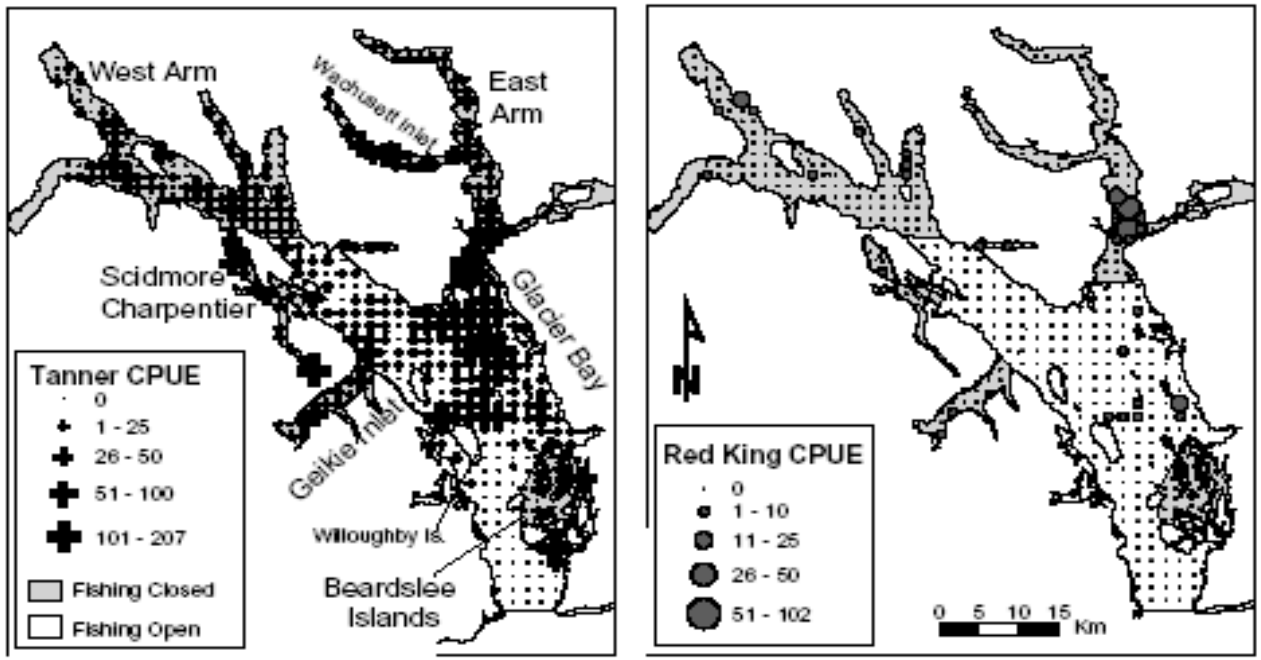
Data: Arimitsu and Piatt; USGS



Data: Arimitsu and Piatt; USGS



Data: Arimitsu and Piatt; USGS



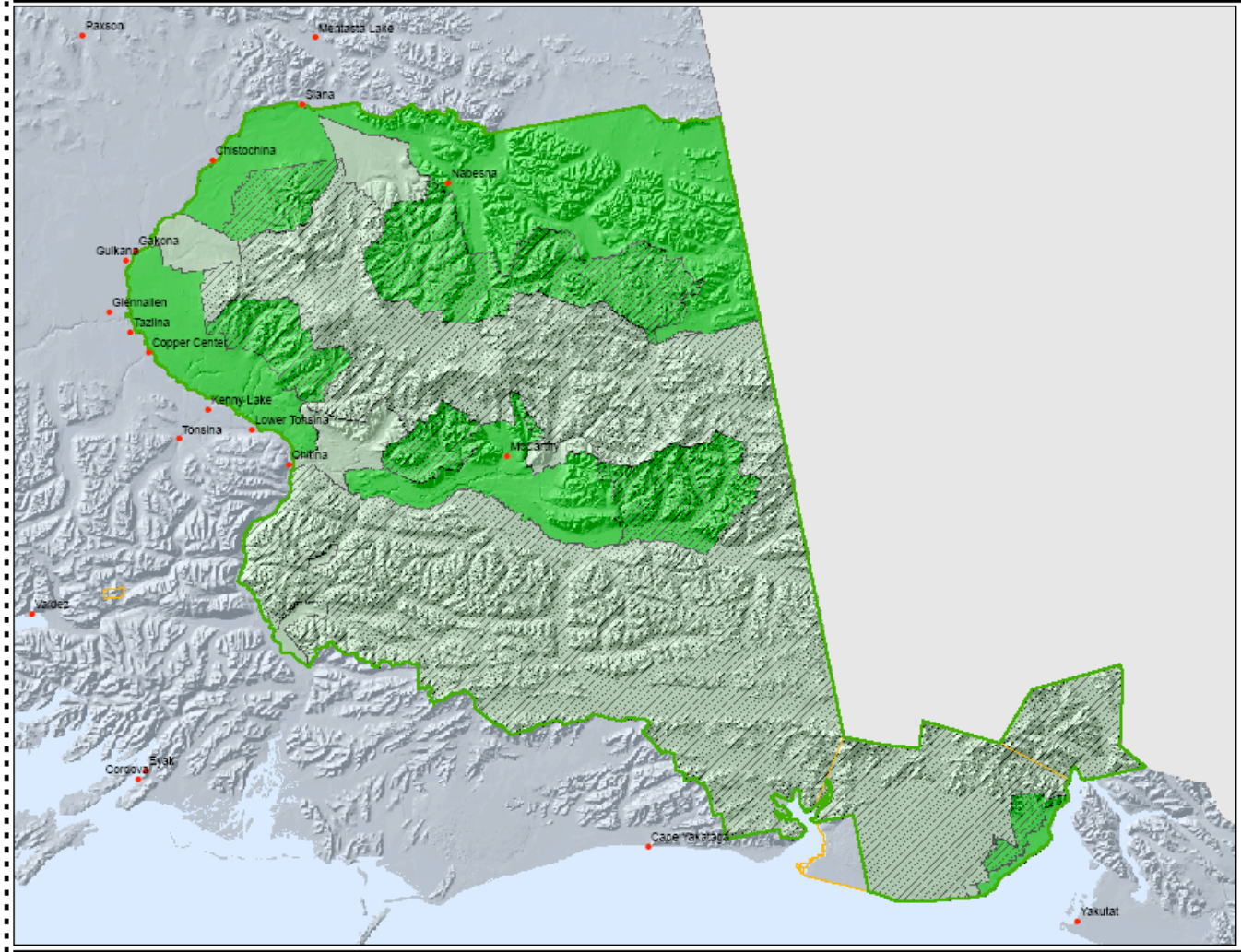
Benthic Resources: Tanner and King Crab distribution and abundance

Data: Taggart and Mondragon; USGS

Wrangell - St. Elias National Park and Preserve

Base Map

Alaska Region
National Park Service
U. S. Department of the Interior



Legend

Towns

- Town Location

National Natural Landmark

- National Natural Landmarks

Alaska Parks

- Park
- Preserve
- Monument
- Park/Wilderness
- Preserve/Wilderness
- Historical Park
- Park/Wilderness/Water (Gilba)
- Park/Water (Gilba)
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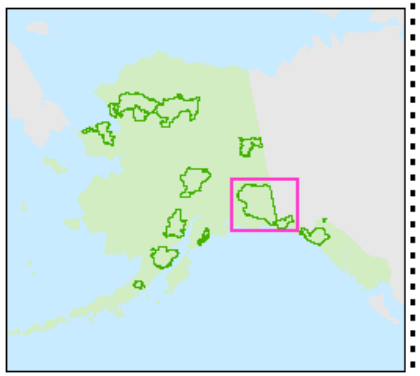
- Wild River (Alag)

National Park Service
Alaska Regional Office
GIS Team

0 5 10 20 30 40 50 Miles

N W E S

Alaska Albers Projection on the
North American Datum 1983



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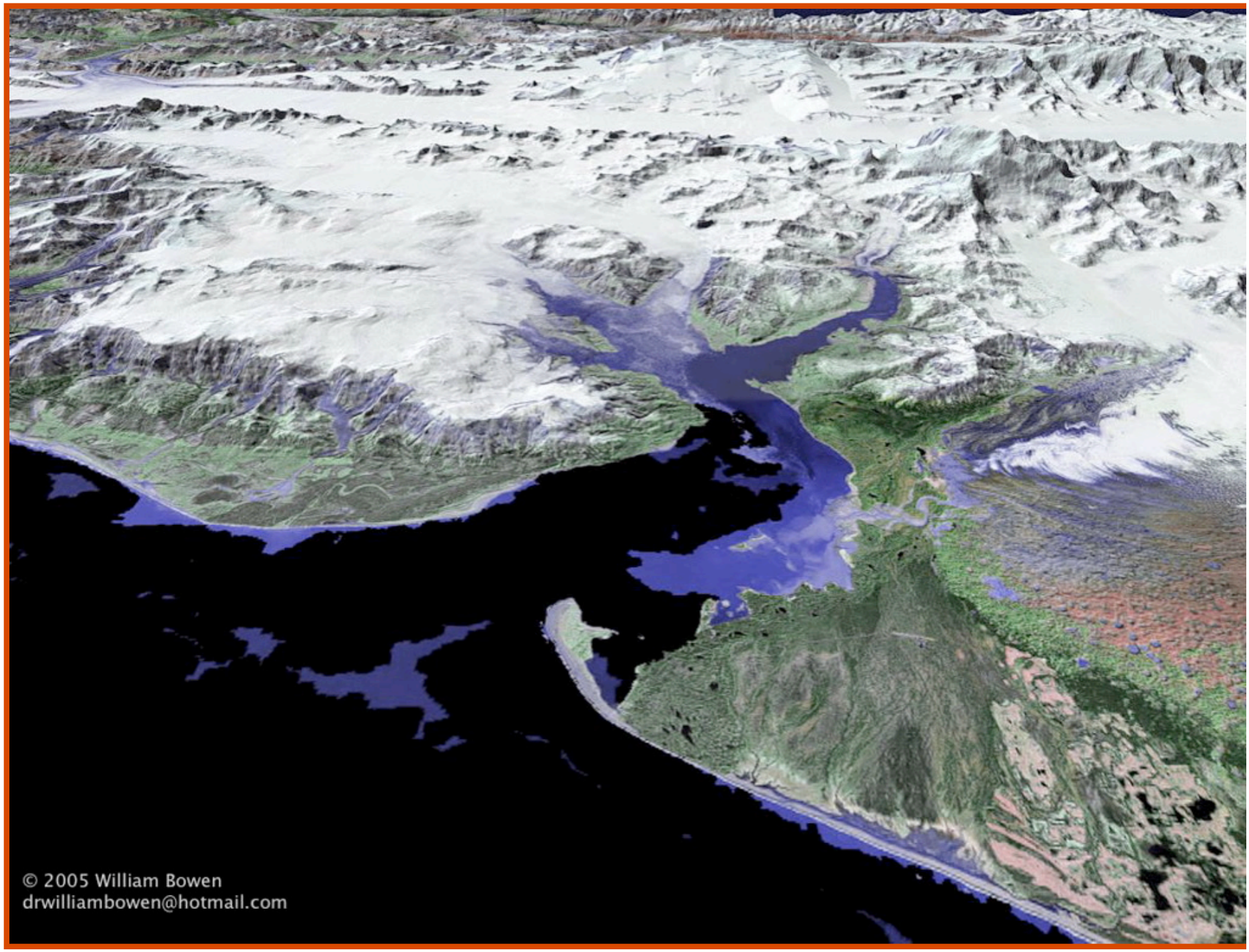
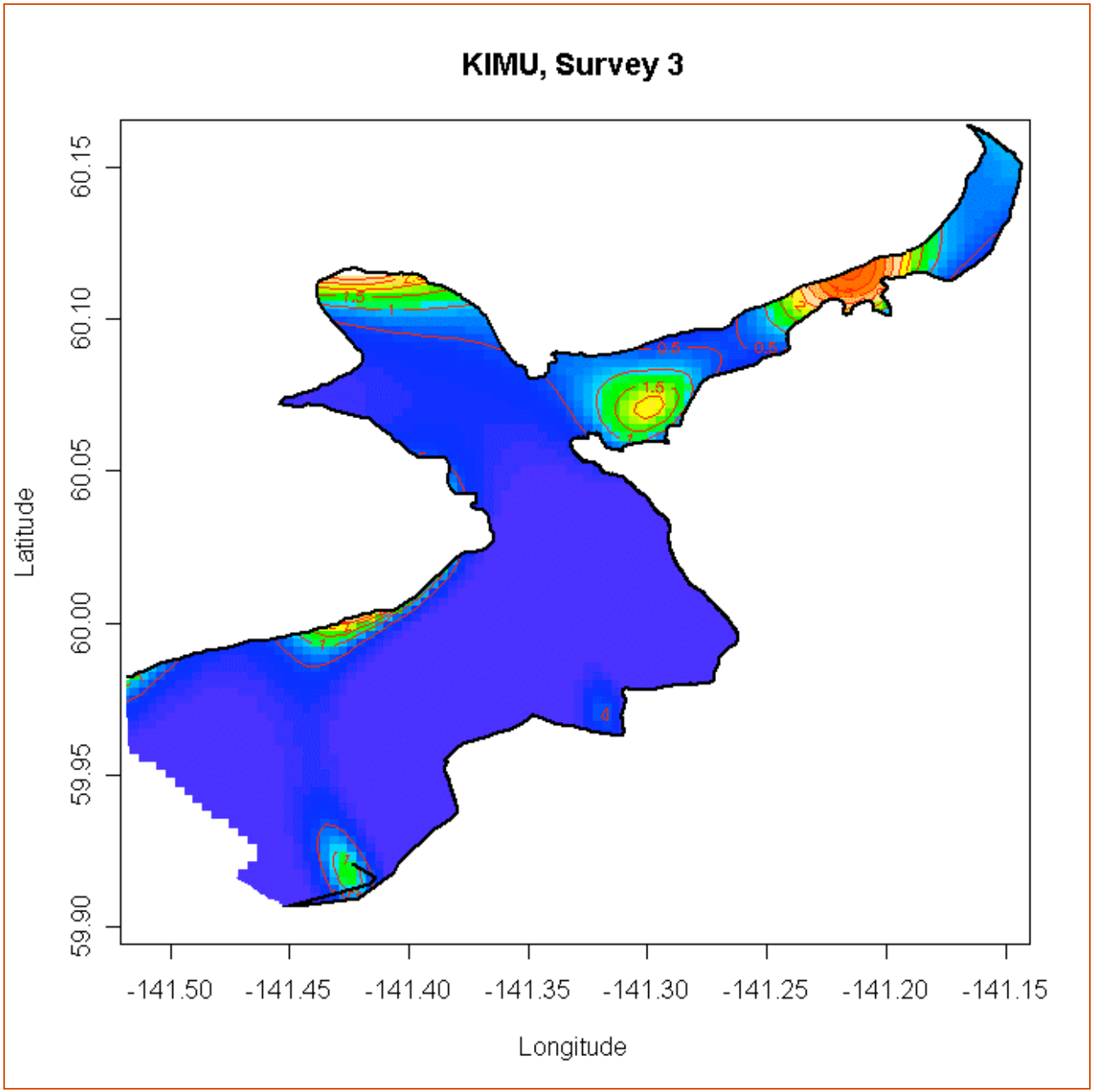
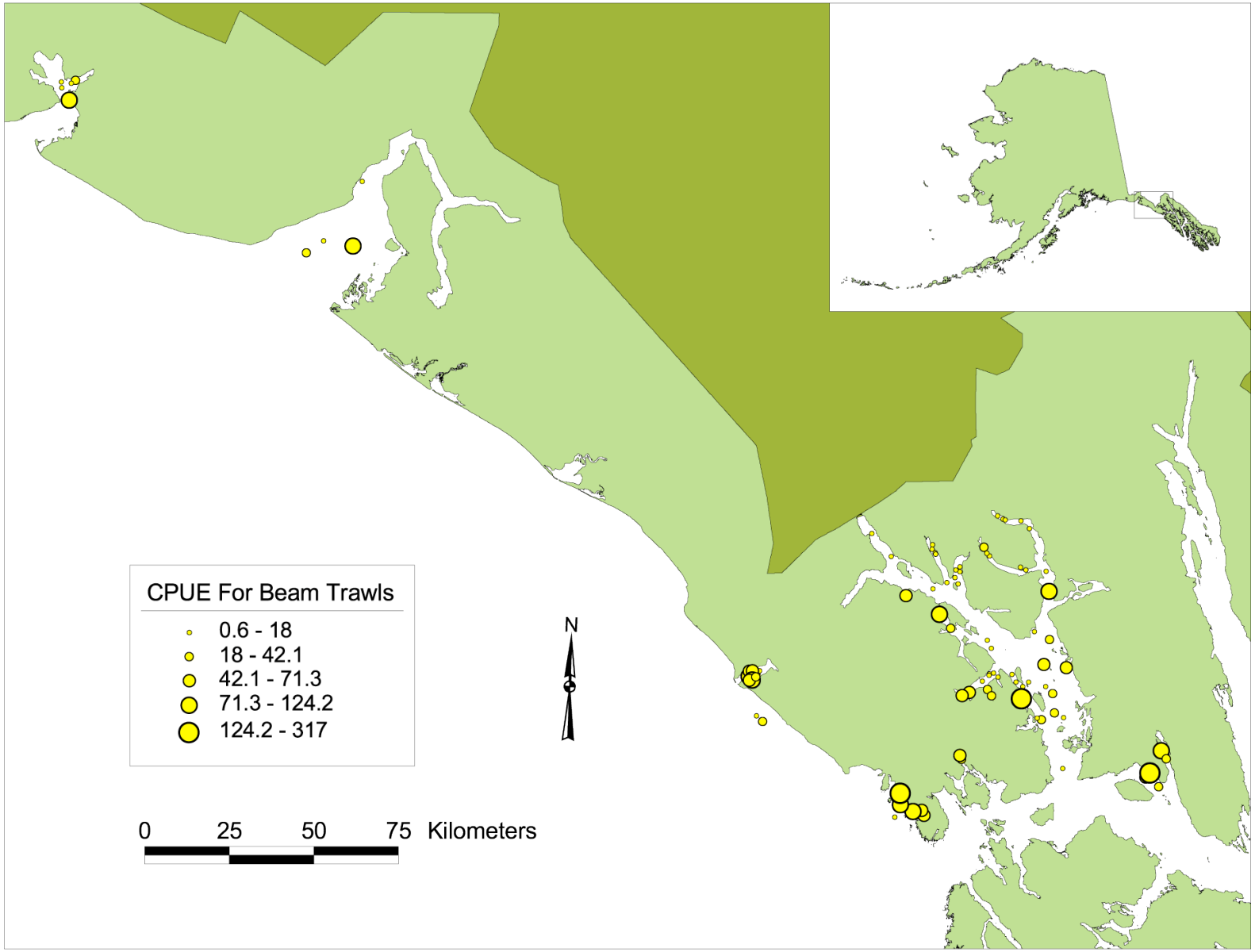

© 2005 William Bowen
drwilliambowen@hotmail.com



Data: Kissling and Gende;



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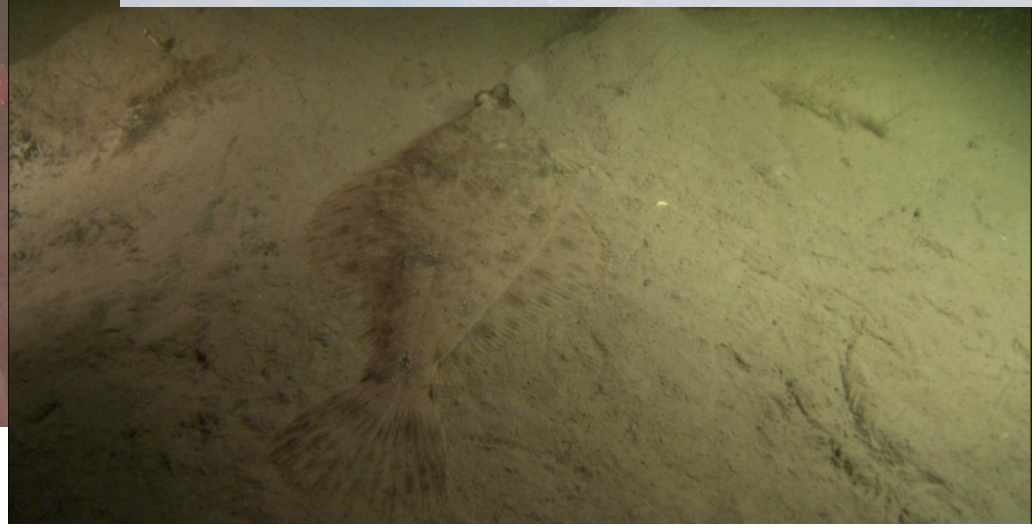

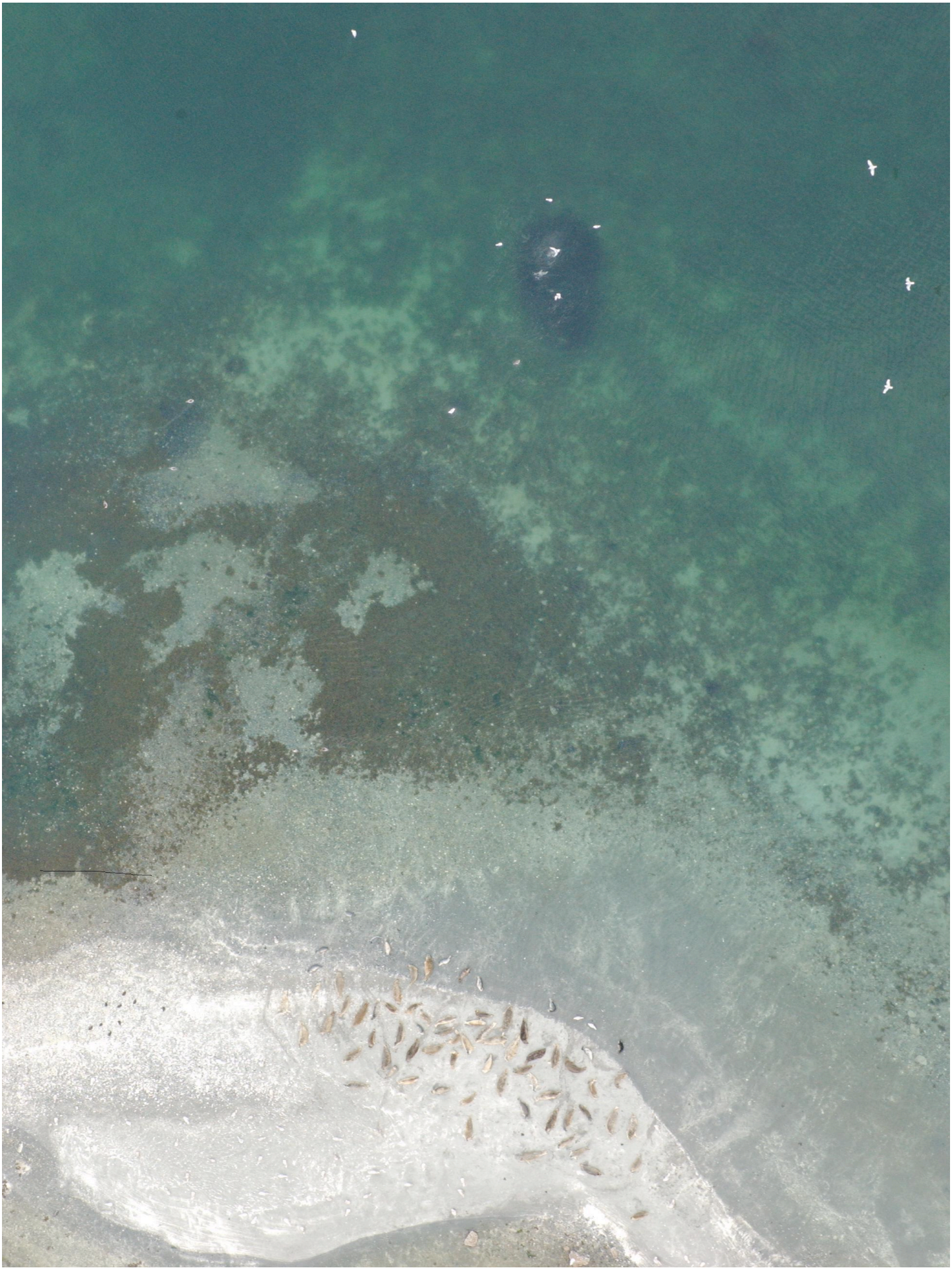

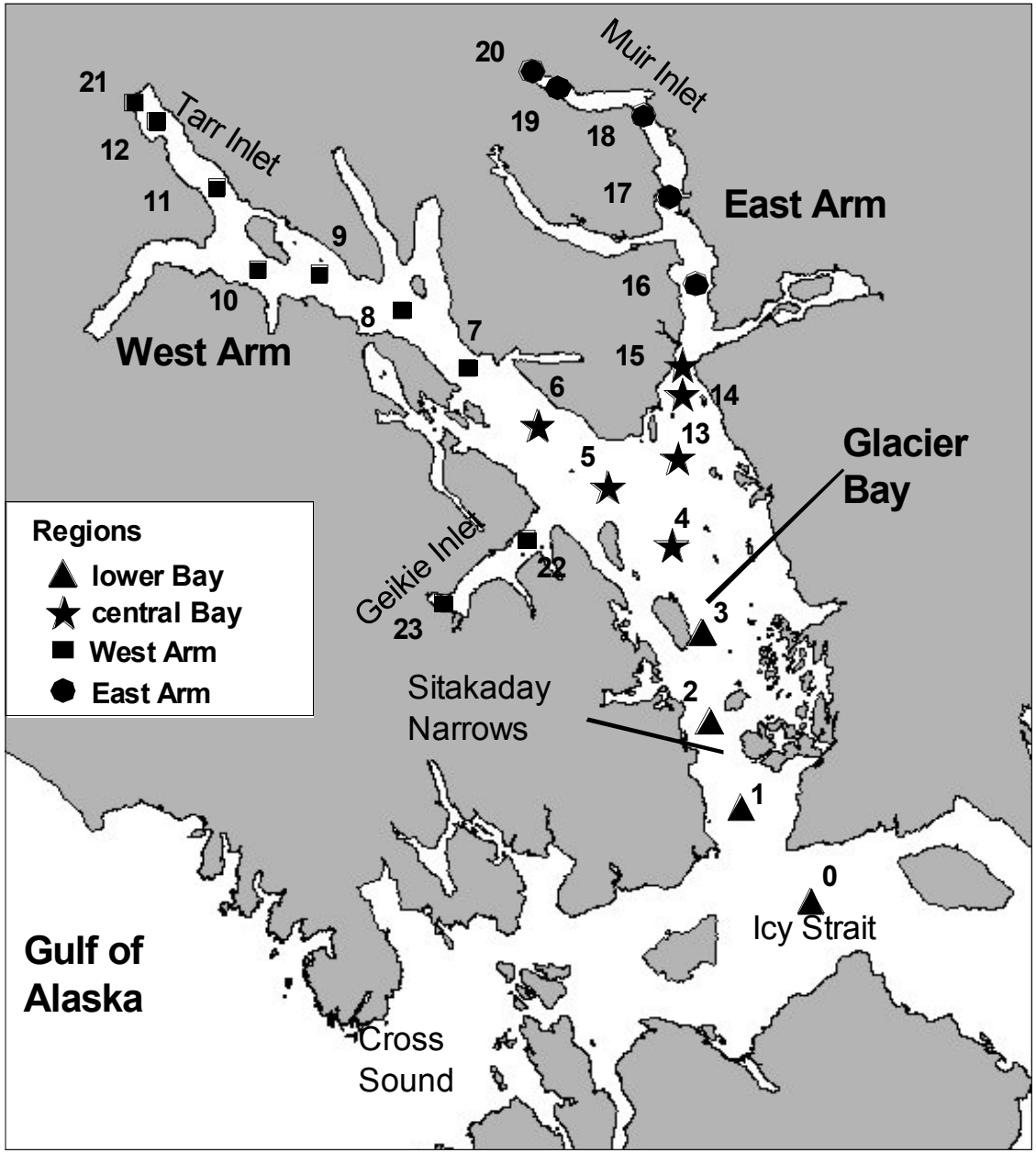
Muir Inlet
Tarr Inlet
East Arm
West Arm
Glacier Bay
Geikie Inlet
Sitakaday Narrows
Icy Strait
Gulf of Alaska
Cross Sound
Regions
lower Bay
central Bay
West Arm
East Arm
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