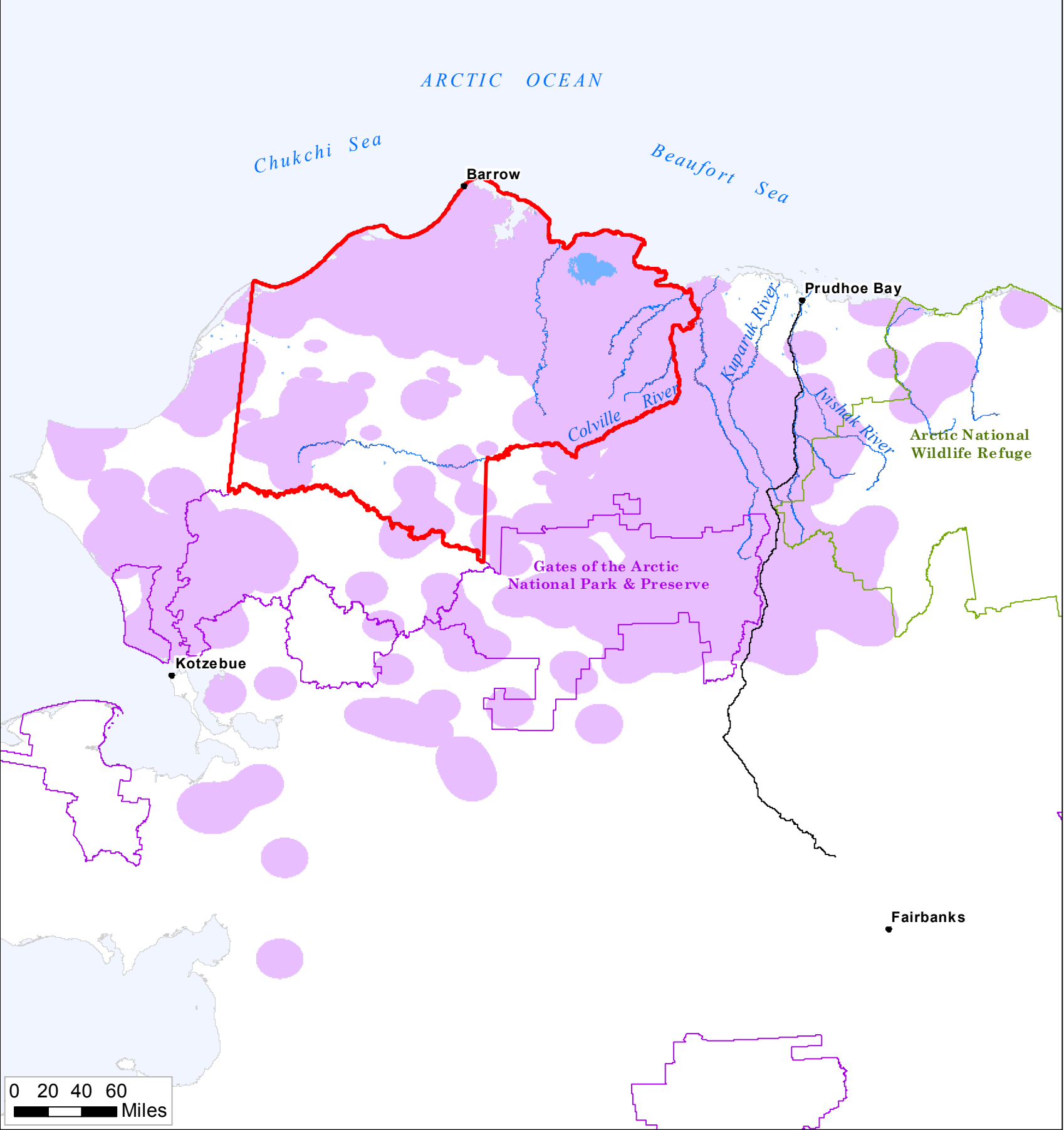
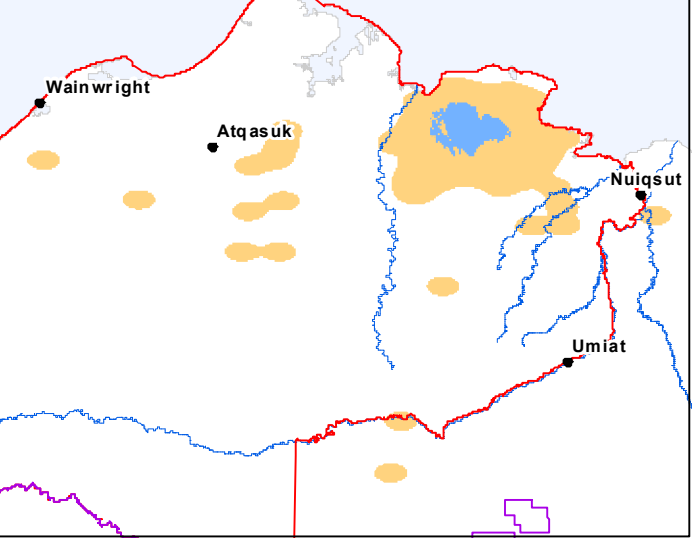


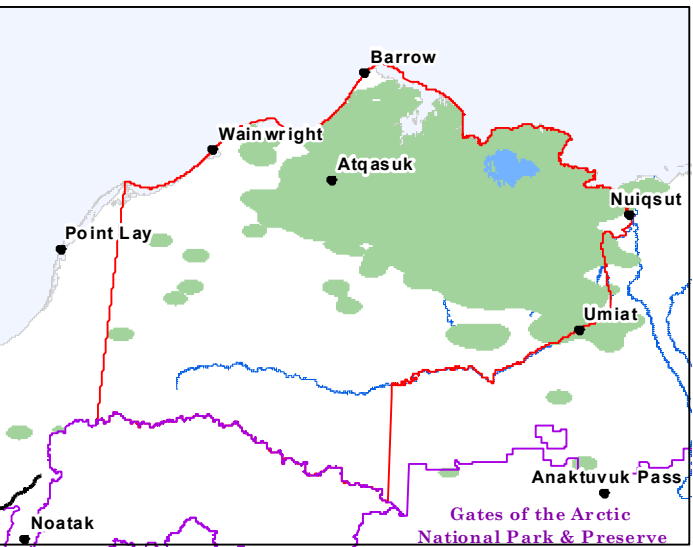
ANNUAL



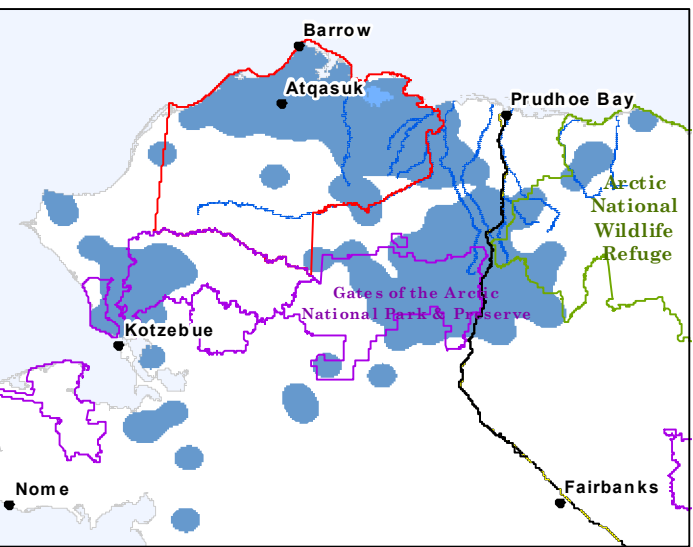
CALVING 1-15 June



SUMMER 1 June - 15 September



WINTER 1 December - 15 April



Map 3.3.6-2
Teshekpuk Lake Caribou
Herd - Seasonal Range

Source: ADF&G, NSB, BLM,
CPAI, and ABR

Teshekpuk Lake Caribou
Seasonal Areas
Fixed Kernel Probability
95% Utilization Distribution
(1990 - 2010 Satellite
Telemetry Data)

Season

- Annual
- Calving
- Summer
- Winter

— Dalton Highway

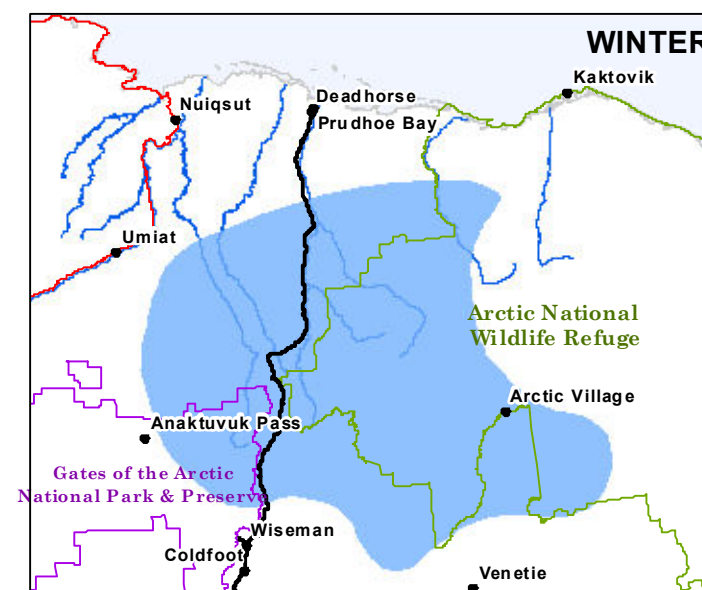
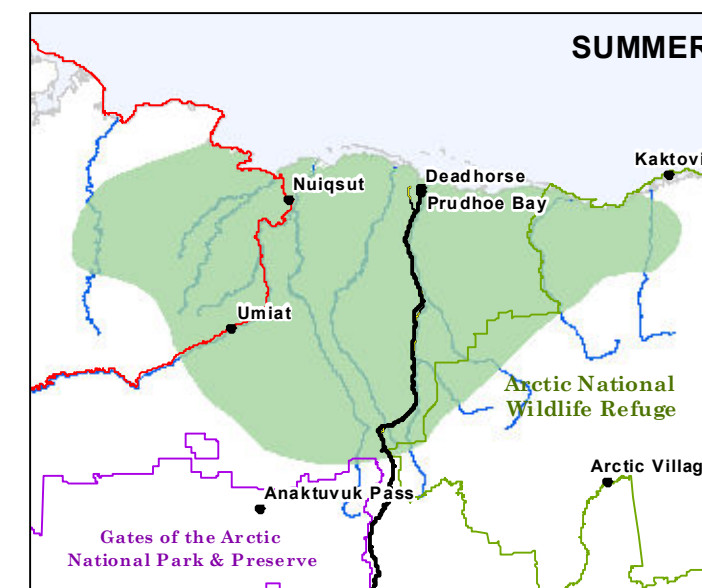
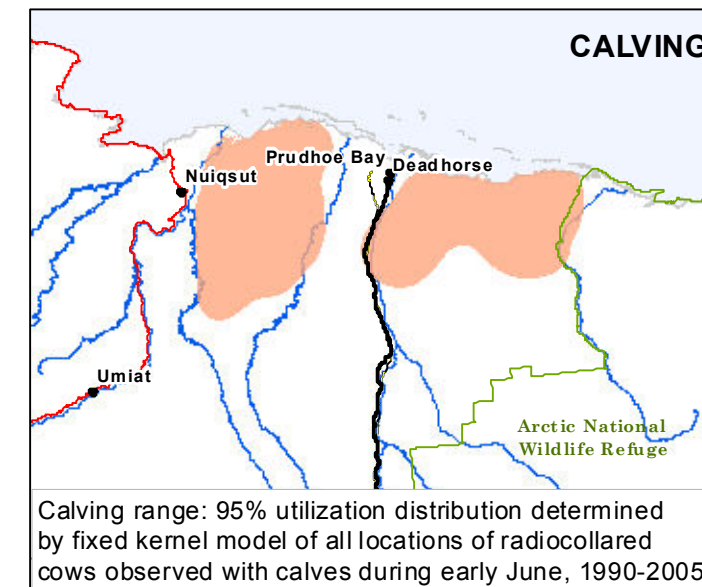
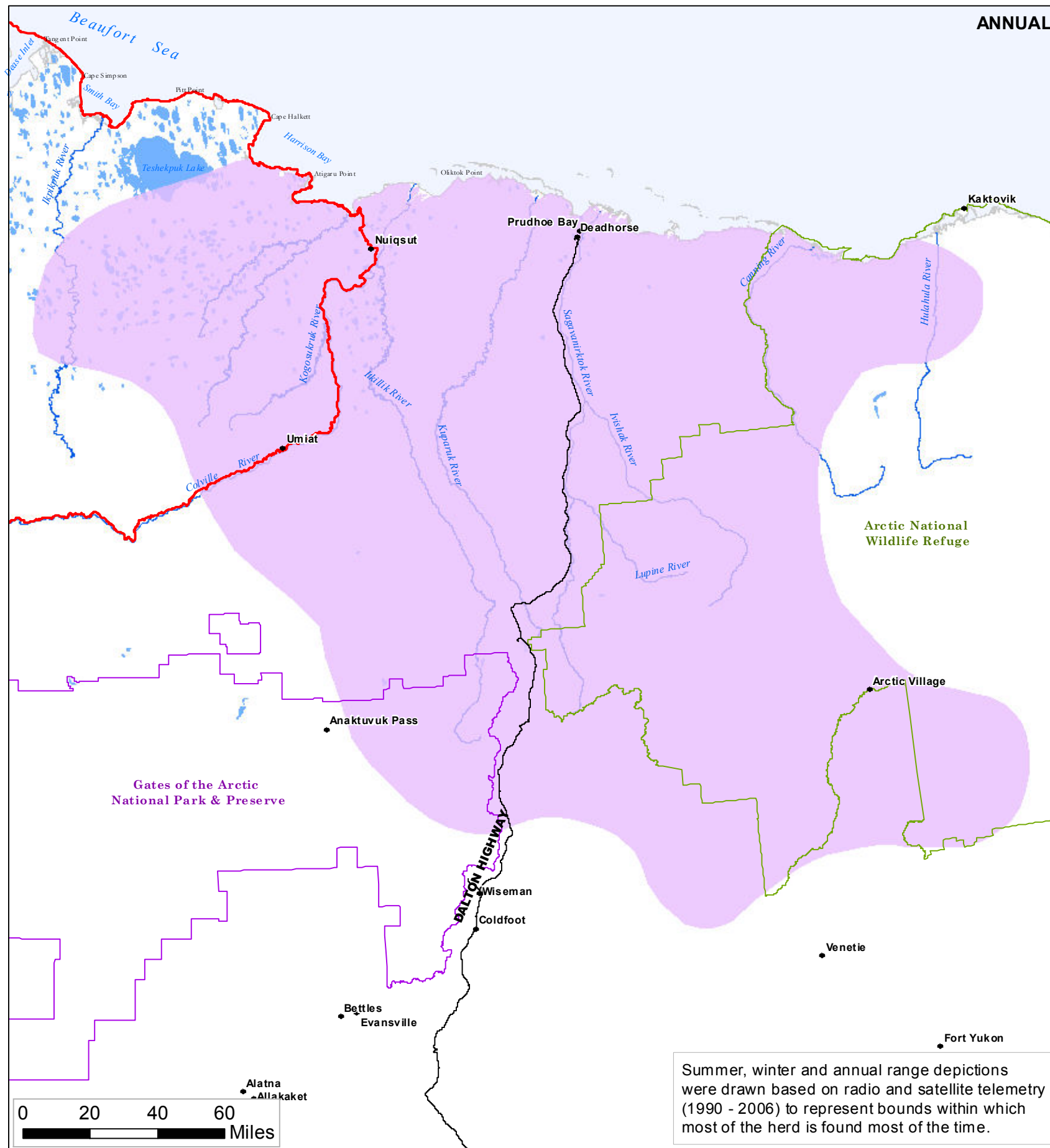
NPR-A Boundary

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Projection: Albers Conic Equal Area
referencing NAD83



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Map 3.3.6-3
Central Arctic Caribou
Seasonal Ranges

Source: ADF&G - 2010

CENTRAL ARCTIC CARIBOU
SEASONAL RANGE

- Calving
- Summer
- Winter
- Annual

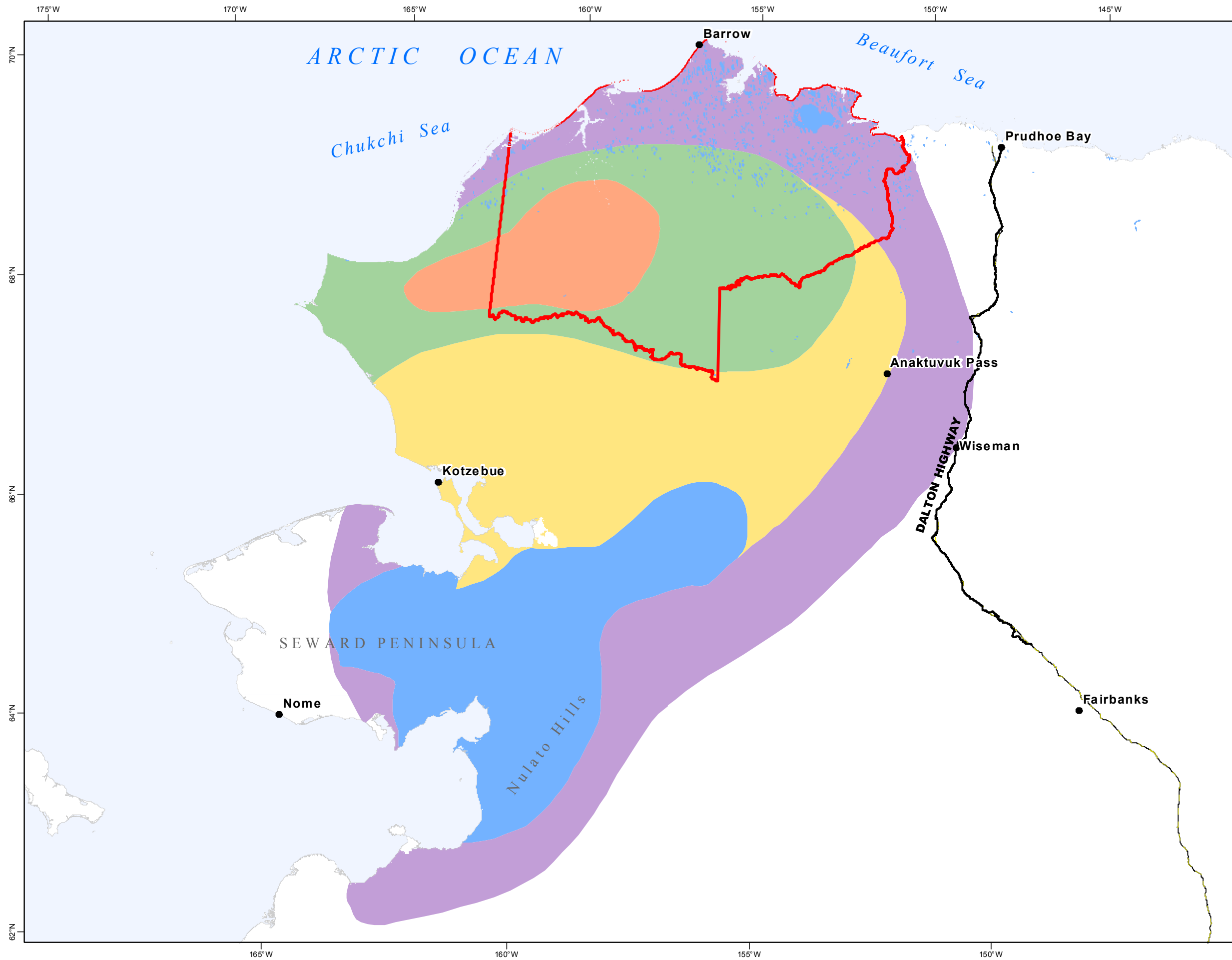
- Dalton Highway
- NPR-A Boundary

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Projection: Albers Conic Equal Area
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Map 3.3.6-4

Western Arctic
Caribou Herd Range

Source: ADF&G - 2010

Western Arctic Caribou Herd Range

- Calving Grounds
- Migratory Area
- Outer Range
- Summer Range
- Winter Range

- Dalton Highway
- Trans-Alaska Pipeline
- NPR-A Boundary

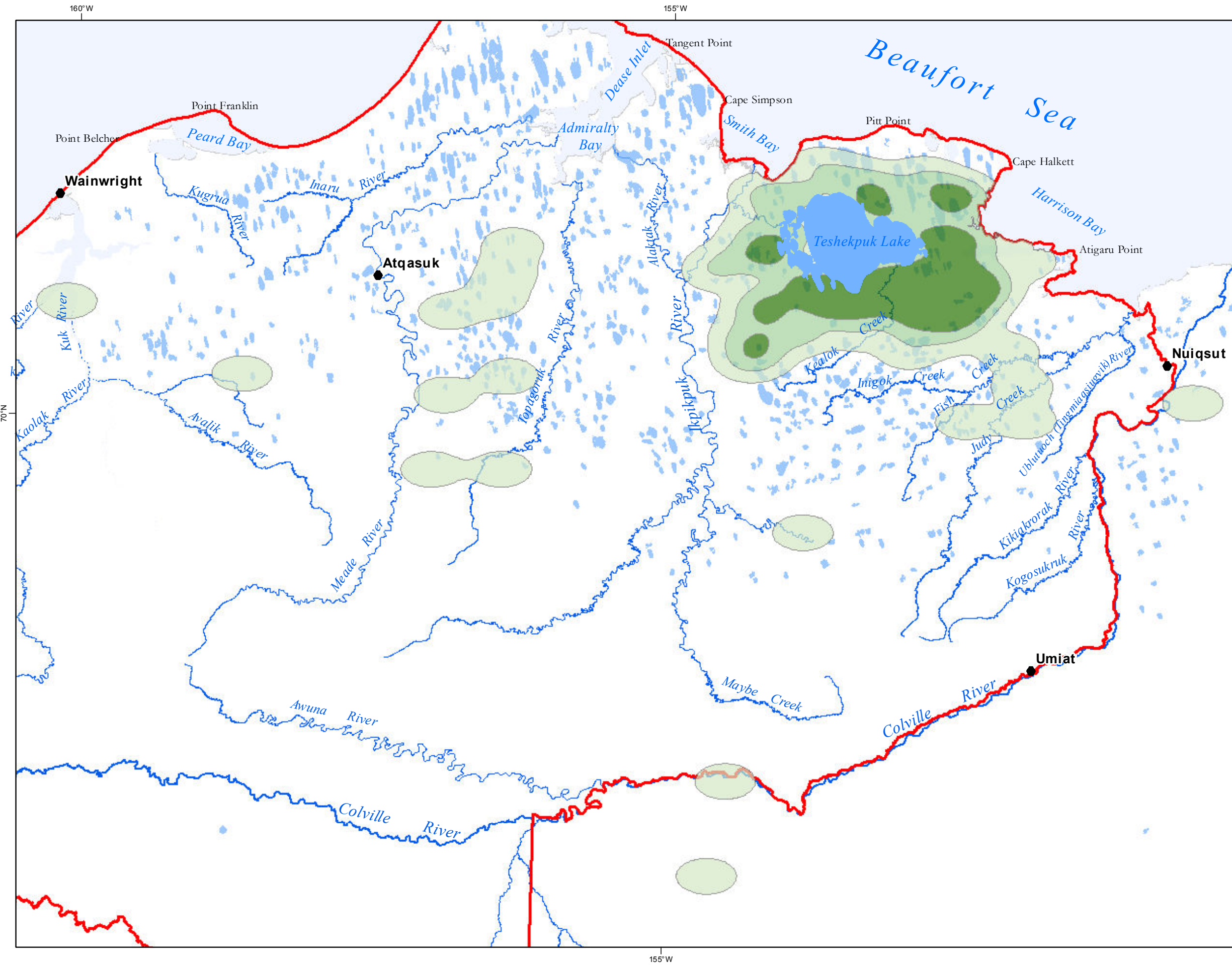
0 50 100 Miles

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Map 3.3.6-5
Teshekpuk Lake
Caribou Herd -
Calving Areas

Source: ADF&G, NSB, BLM,
CPAI, and ABR

Teshekpuk Lake Caribou
Herd Calving Area -
1 -15 June
Successful Females Only
Kernel Density Analysis
(1990 - 2010 Satellite
Telemetry Data)

Density Contour

- 50 %
- 75 %
- 95 %

NPR-A Boundary

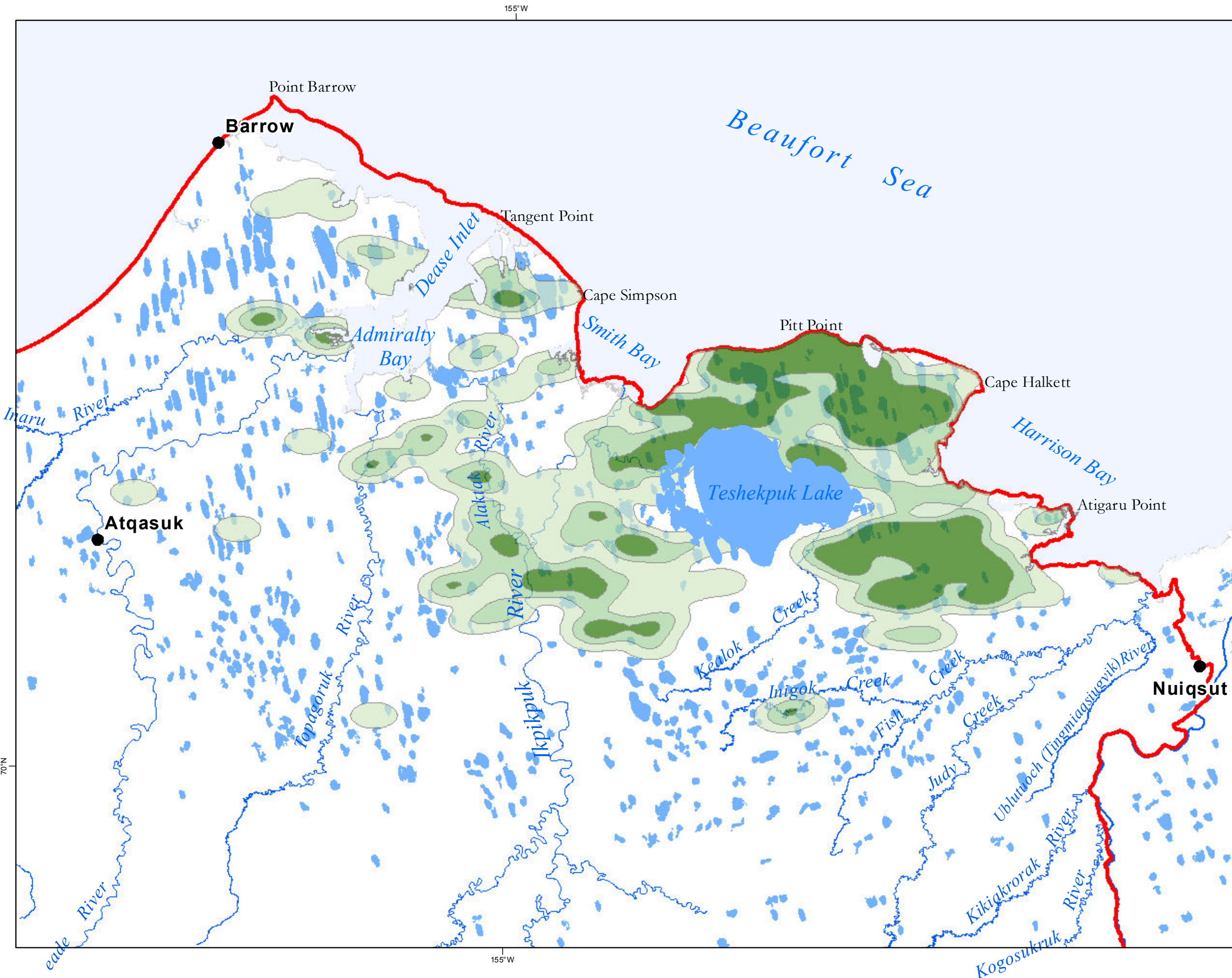
0 5 10 15
Miles

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Projection: Albers Conic Equal Area
referencing NAD83



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Map 3.3.6-6
Teshekpuk Lake
Caribou Herd -
Mosquito Relief Areas

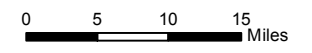
Source: ADF&G, NSB, BLM, CPAI, and ABR

Teshekpuk Lake Caribou Herd
Mosquito Relief Area-
1-15 July
Kernel Density Analysis
(1990 - 2010 Satellite
Telemetry Data)

Density Contour

- 50 %
- 75 %
- 95 %

NPR-A Boundary

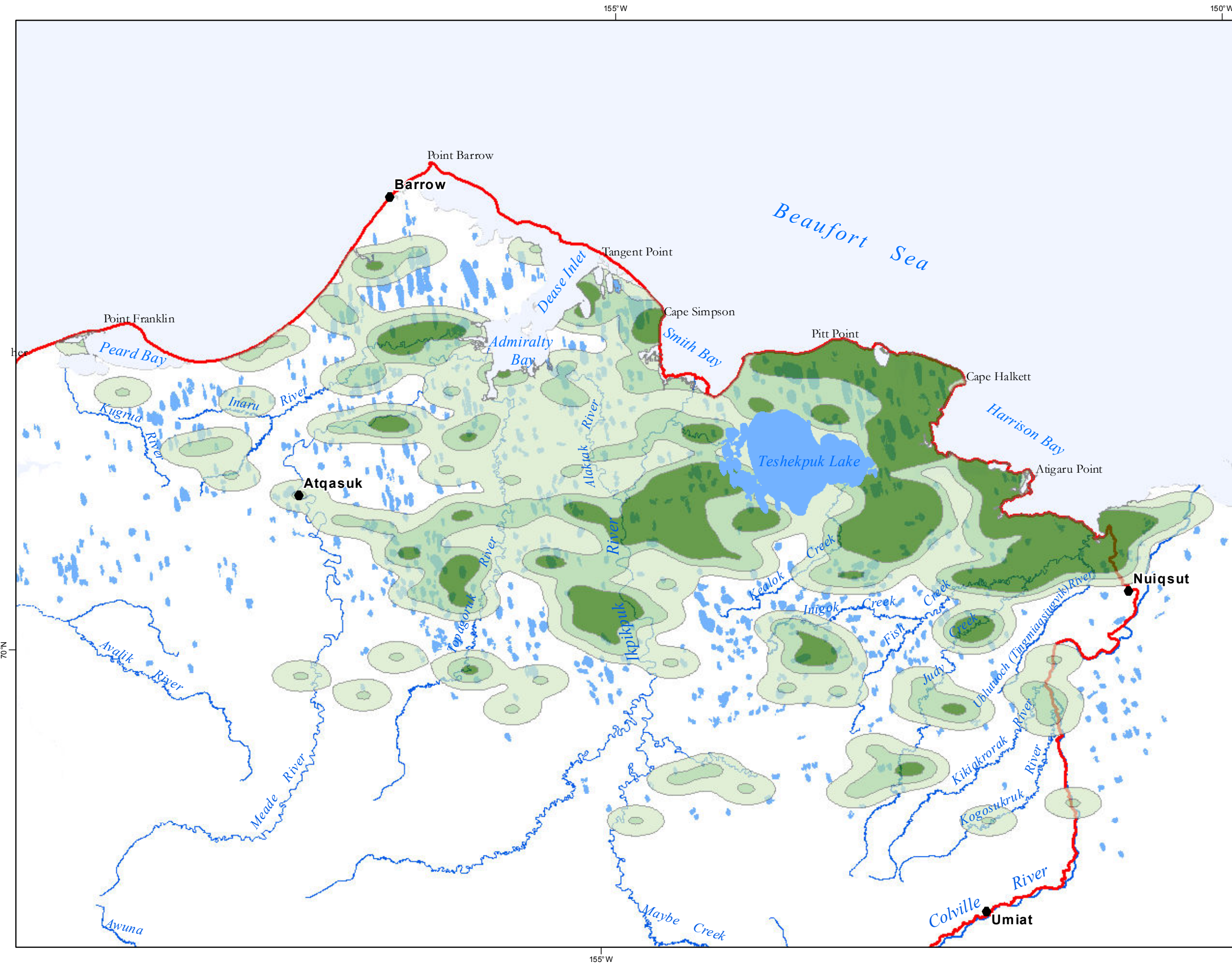


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referencing NAD83



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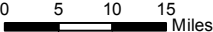
Map 3.3.6-7
Teshekpuk Lake
Caribou Herd -
Fly Relief Areas

Source: ADF&G, NSB, BLM,
CPAI, and ABR

Teshekpuk Lake Caribou Herd
Oestrid Fly Relief Area-
16 July - 7 August
Kernel Density Analysis
(1990 - 2010 Satellite
Telemetry Data)


Density Contour
50 %
75 %
95 %

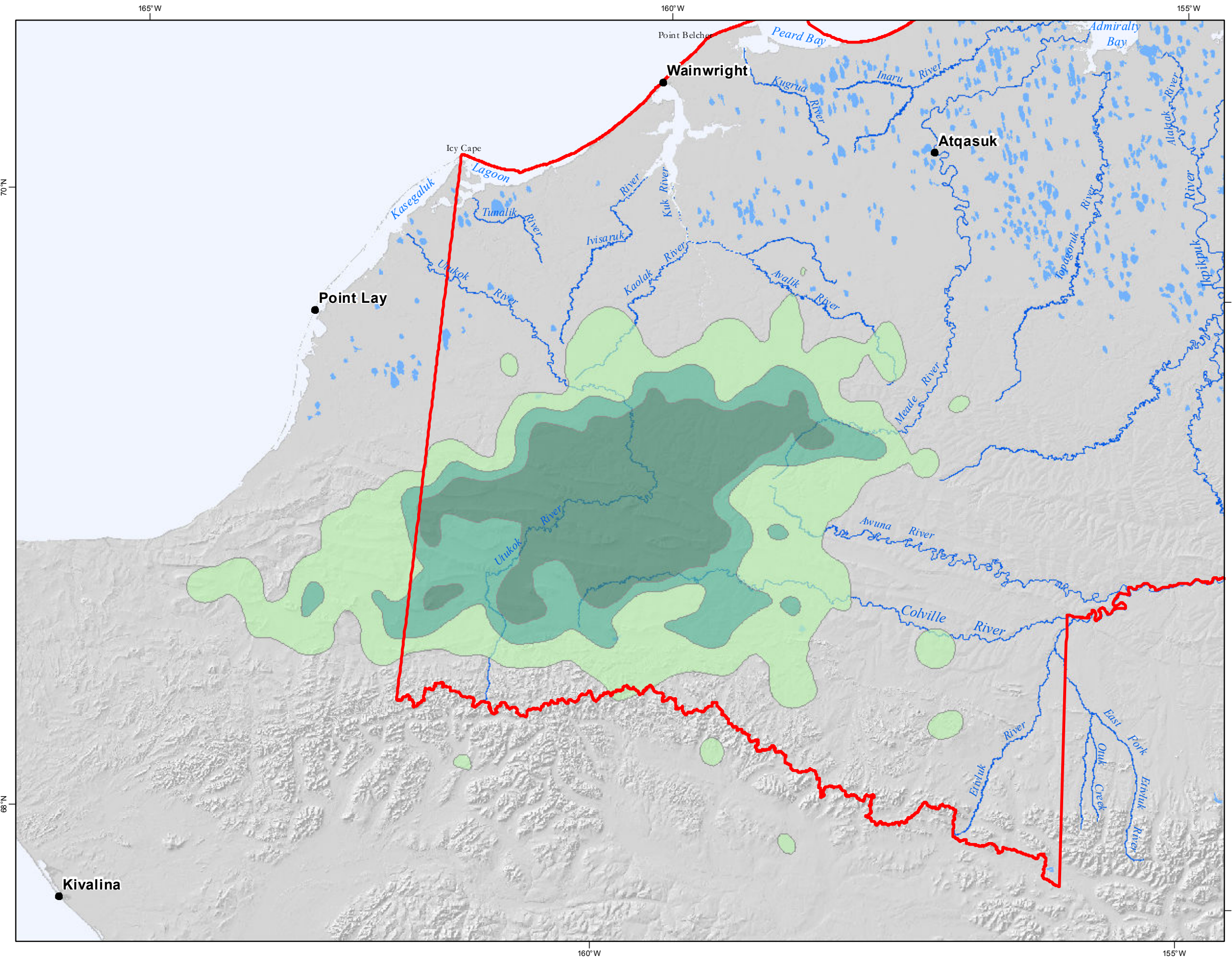
 NPR-A Boundary


0 5 10 15 Miles

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referencing NAD83


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Map 3.3.6-8

Western Arctic
Caribou Herd -
Calving Ground

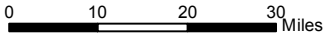
Source: ADF&G - 2010

Calving Grounds
Kernel Density Analysis
(1987 - 2010, excluding 1990-1991)

Density Contour

- 50%
- 75%
- 95%

NPR-A Boundary

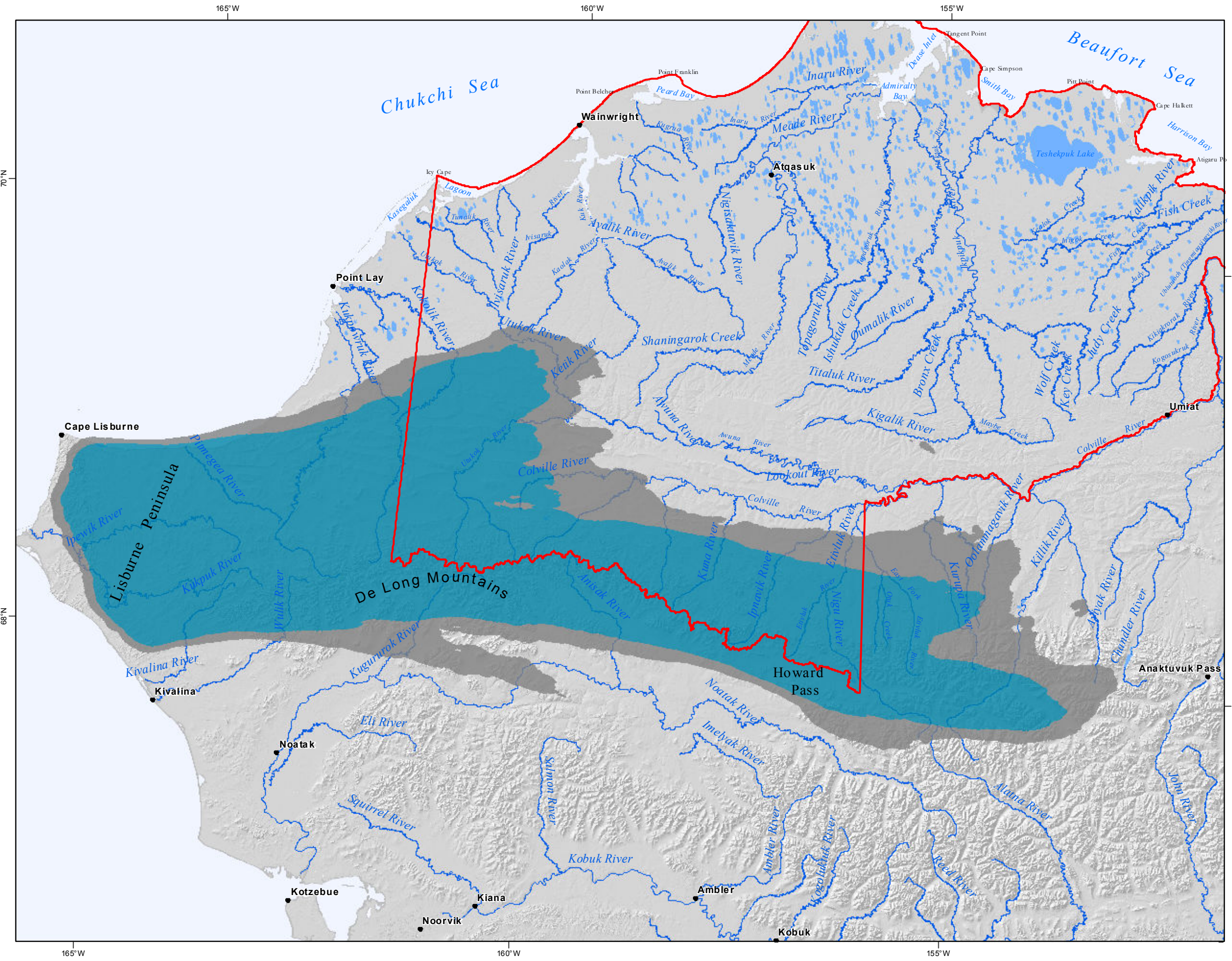


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referencing NAD83



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Map 3.3.6-9
Western Arctic Caribou Herd - Summer Movements

Source: ADF&G - 2010

Western Arctic Caribou Herd Summer Line Density (1988 - 2010)

1-2 movement lines crossing each 200 sq mi grid
>2 movement lines crossing each 200 sq mi grid

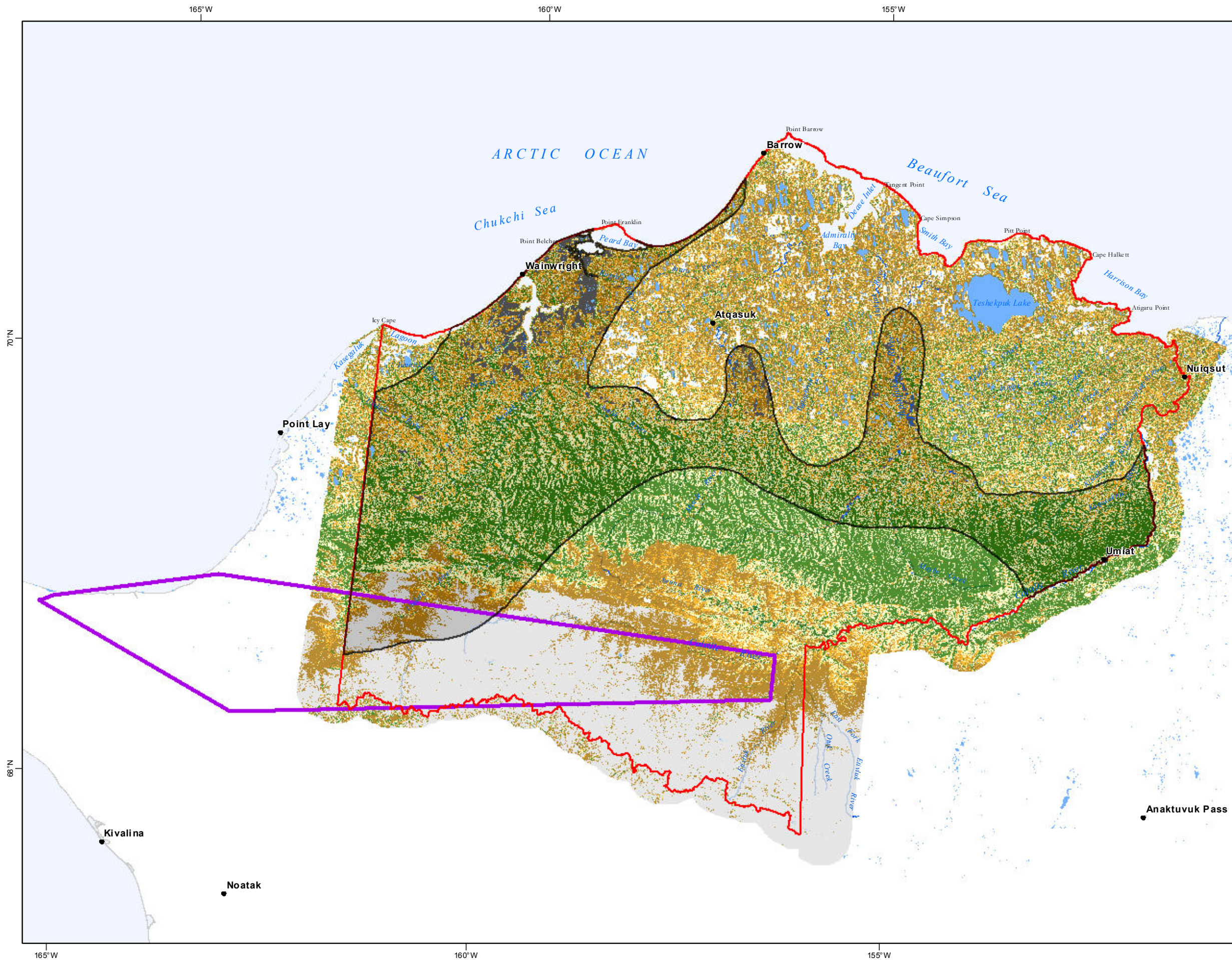
NPR-A Boundary

02040 Miles

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Map 3.3.6-10

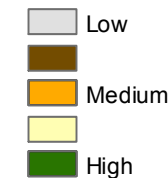
Muskox Predicted Winter Habitat

Sources: USDOI BLM - 1978
Danks, Fiona - 2000
ADF&G - 2010

Best Potential Year-Round Muskox Habitat (USDOI BLM 1978)

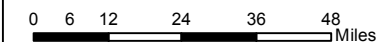


Muskox Potential Winter Habitat (Danks, 2000)



Muskox Sightings, 2008-2010

NPR-A Boundary

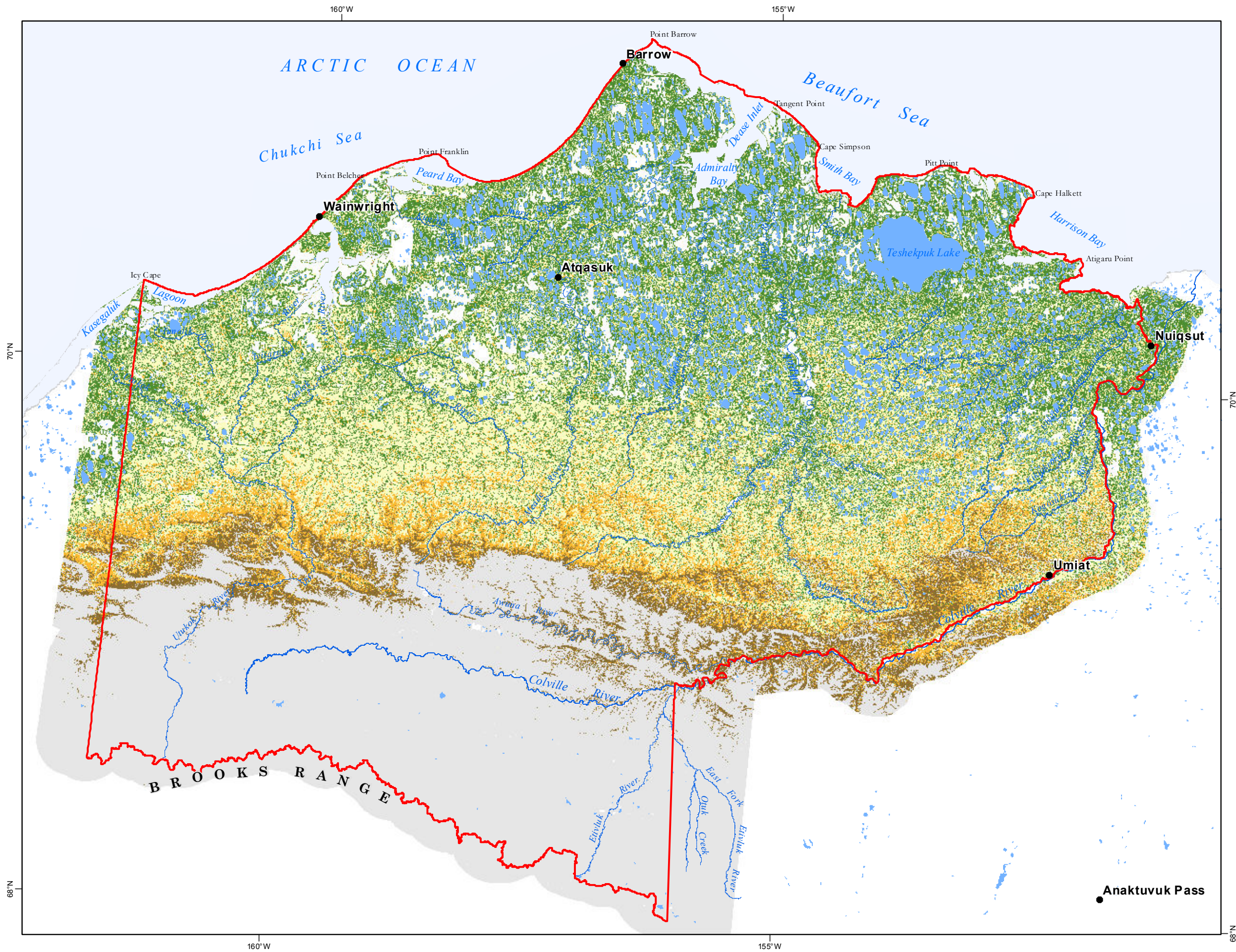


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Map 3.3.6-11
Muskox Predicted Summer Habitat

Sources: Danks, Fiona 2000

Muskox Potential Summer Habitat (Danks, 2000)

Low

Medium

High

NPR-A Boundary

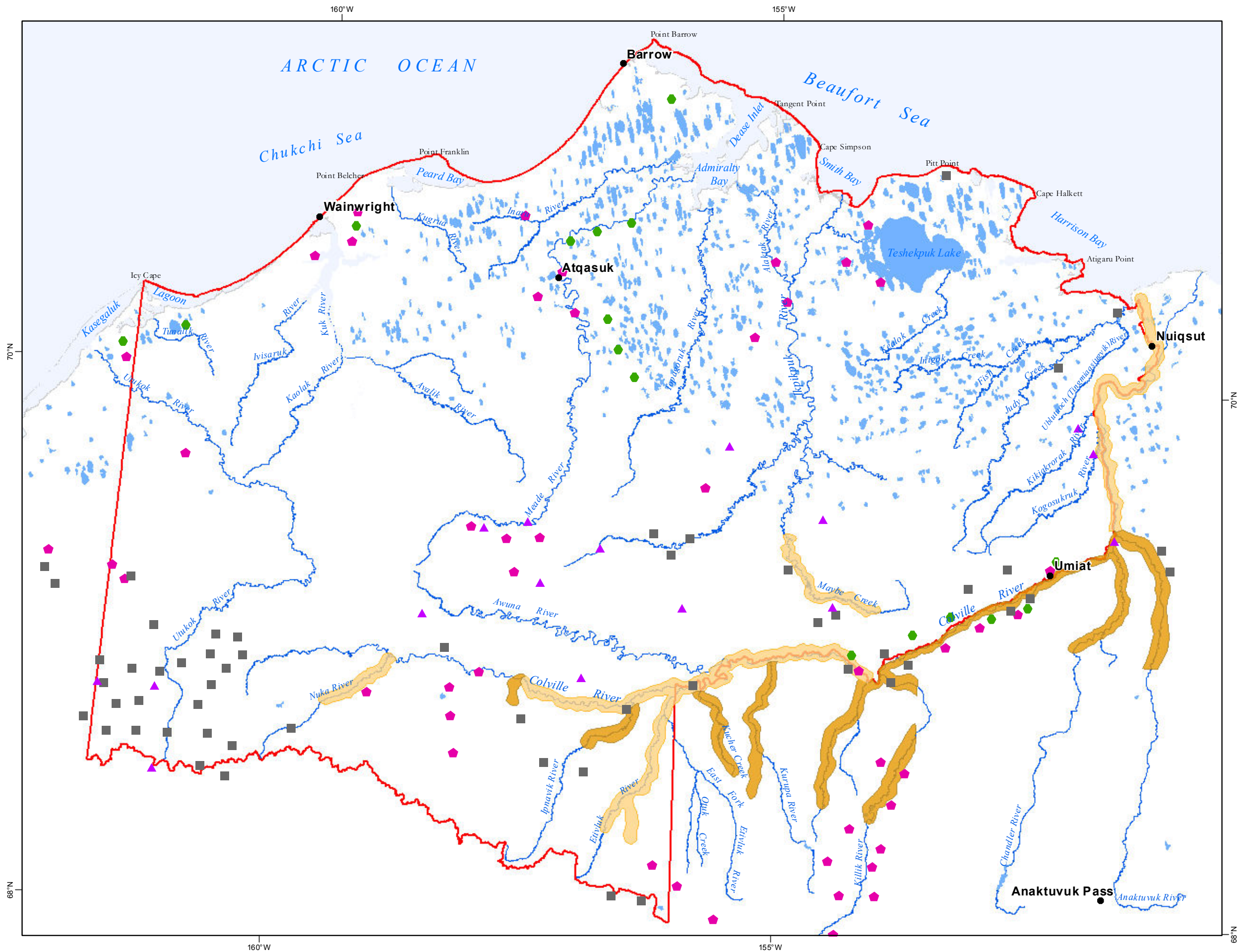
0612243648

Miles

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referencing NAD83

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Map 3.3.6-12

Moose Density and Historical Wolverine Sightings and Harvest Locations

Sources: Bee and Hall, 1956
USDOI BLM, 1978

Historical Wolverine Sightings & Harvest Location

- Approximate Harvest Locations of Wolverines Bountied in the 1960s.
- Approximate Locations of Known Wolverine Harvests 1972-1978
- Sightings of Wolverines in Bee and Hall - 1956
- Sightings of Wolverines, 1977 and 1978

Moose Density

- Medium
- High

- NPR-A Boundary

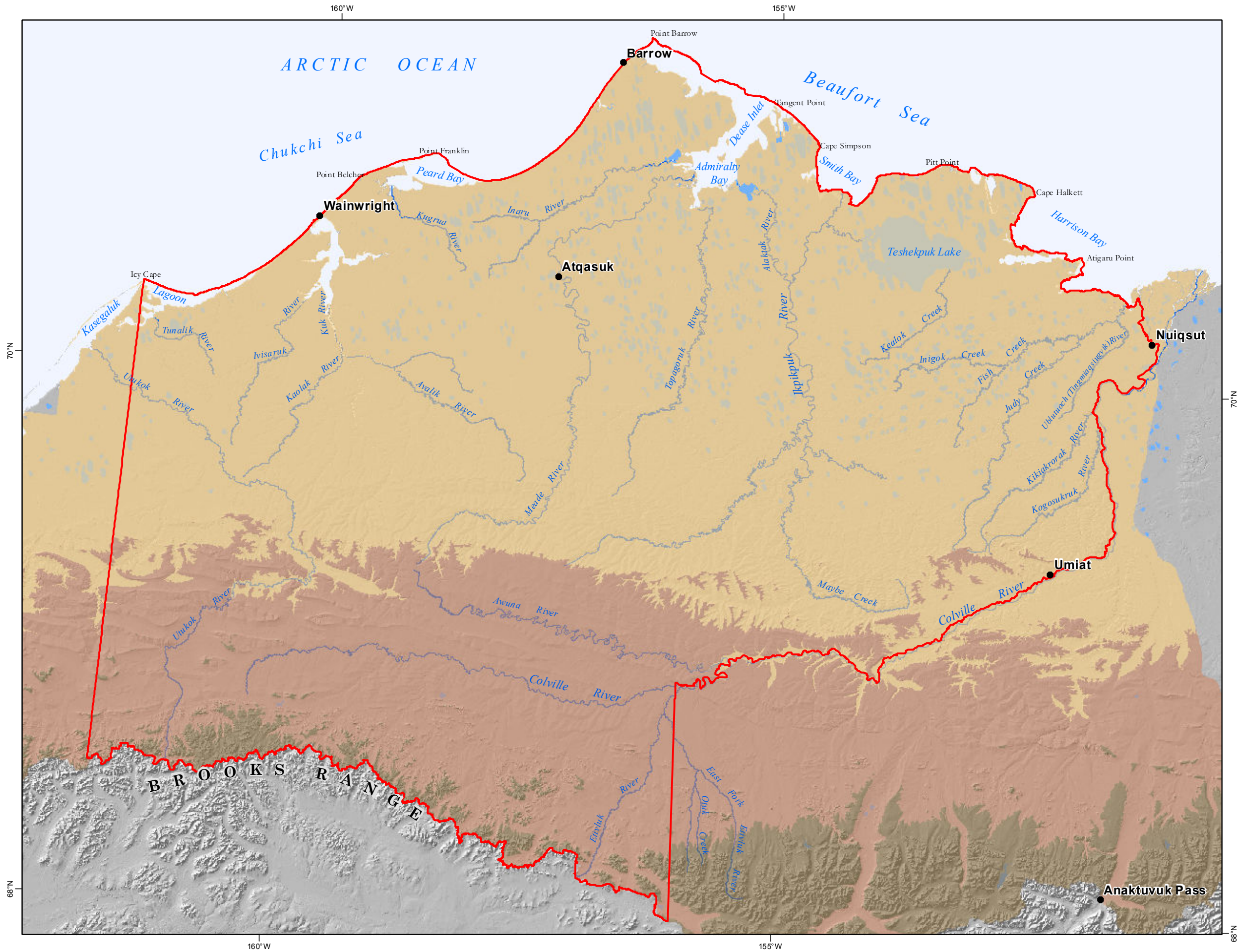
0 6 12 24 36 48 Miles

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referencing NAD83



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Map 3.3.6-13
Estimated Grizzly Bear Density
(based on elevation range)

Source: Carroll, G.M. 1998a.

Estimated Grizzly Bear Density
Bears per 1,000 square kilometers

10-20 (>2,500 ft. elevation)
10-30 (800 - 2,500 ft. elevation)
0.5-2 (<800 ft. elevation)

 NPR-A Boundary

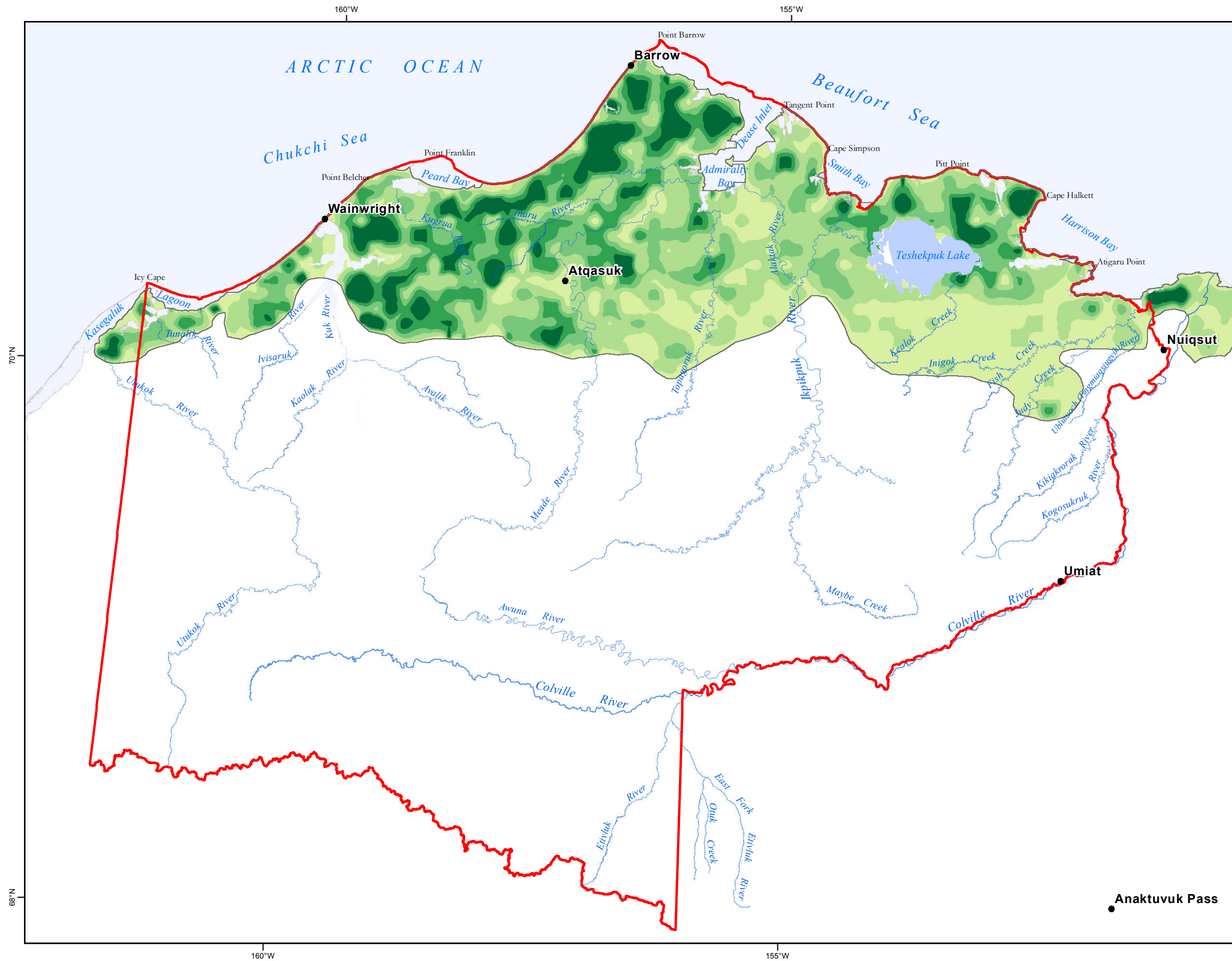
0 6 12 24 36 48 Miles

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Projection: Albers Conic Equal Area
referencing NAD83



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Map 3.3.8-1

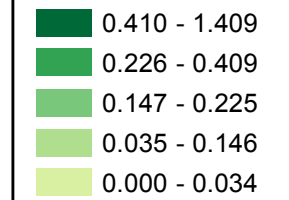
Spectacled Eider Onshore Density

Source: USFWS - Migratory Bird
Management, 2010.

SPECTACLED EIDER

Estimated Relative Onshore Density (1993-2010)

Birds per Square Kilometer



Survey Area
Boundary

NPR-A Boundary

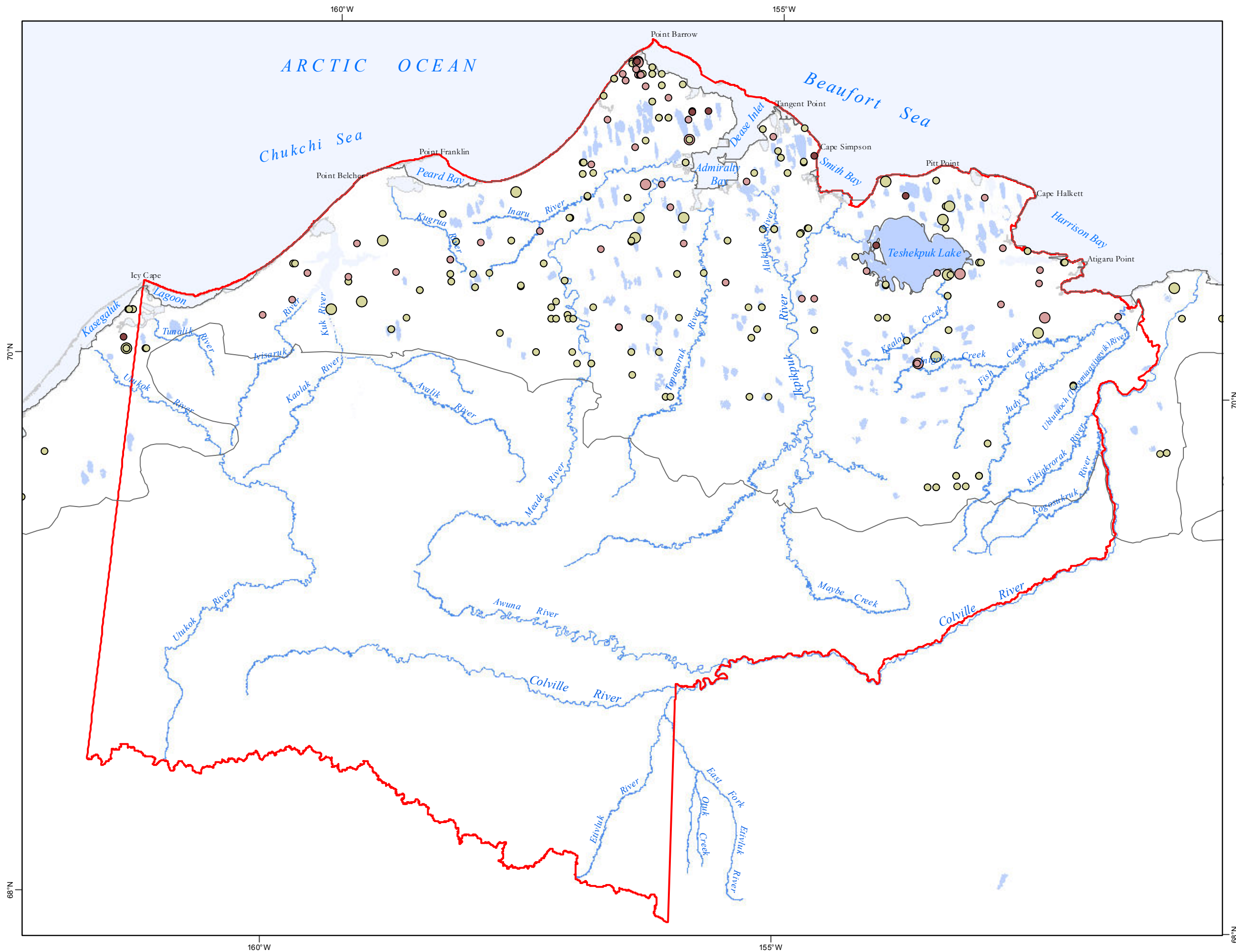
0 12 24 36
Miles

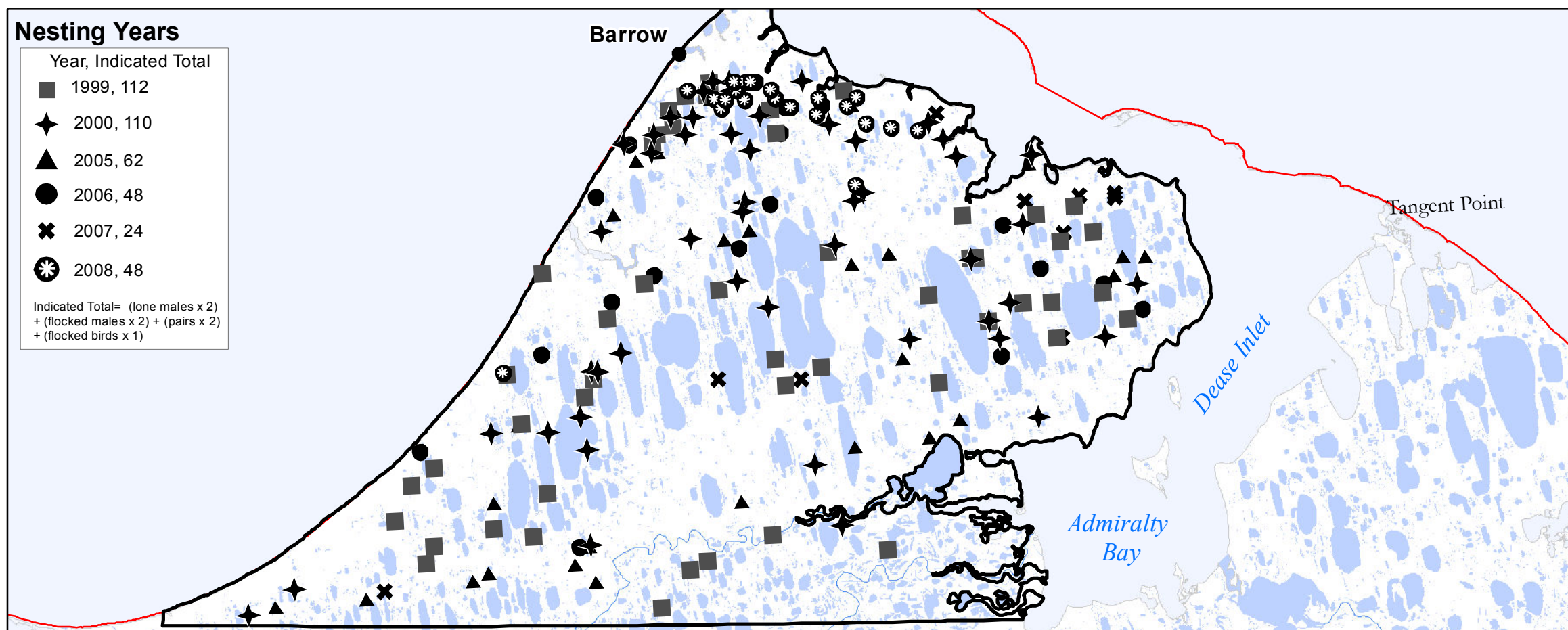
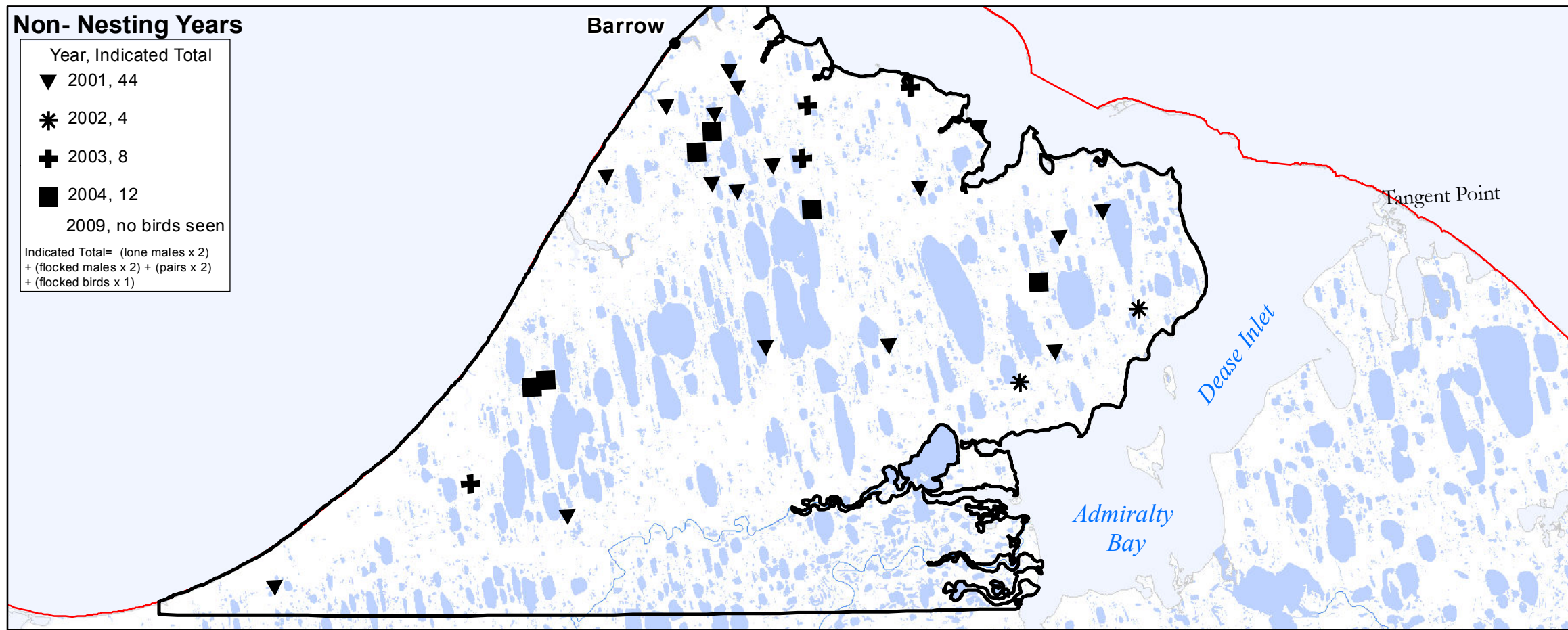
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referencing NAD83



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Map 3.3.8-3

Steller's Eider Location Within the Barrow Triangle Survey Area

Source: ABR Inc., 2010

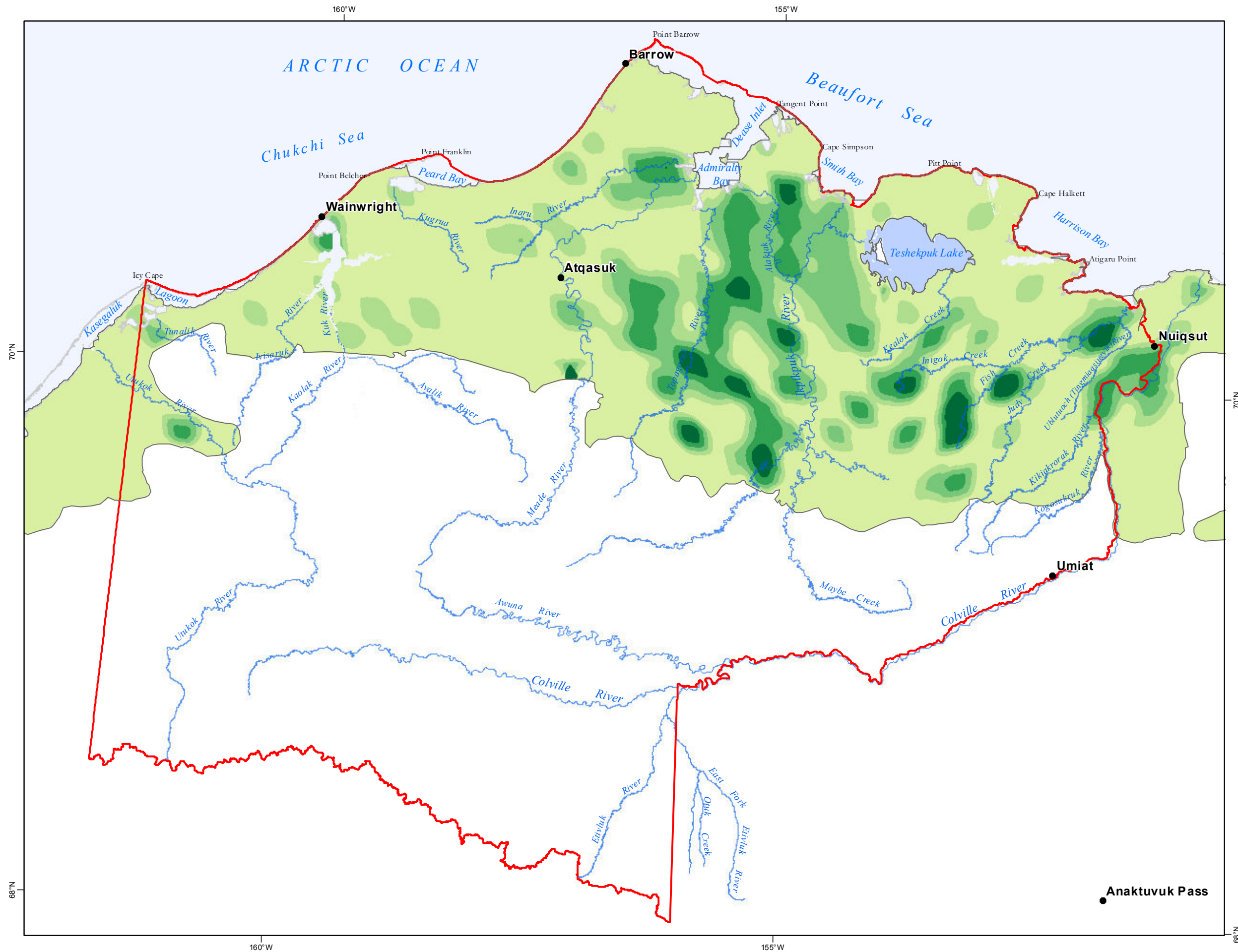
- Barrow Triangle
- NPR-A Boundary

0 5 10 Miles

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Projection: Albers Conic Equal Area
referencing NAD83

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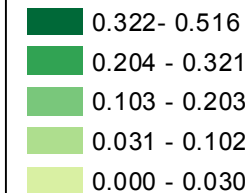
Map 3.3.8-4

Yellow-billed Loon Onshore Density

Source: USFWS - Migratory Bird
Management, 2010.

YELLOW-BILLED LOON Estimated Relative Onshore Density (2007-2010)

Birds per Square Kilometer



Survey Area
Boundary

NPR-A Boundary

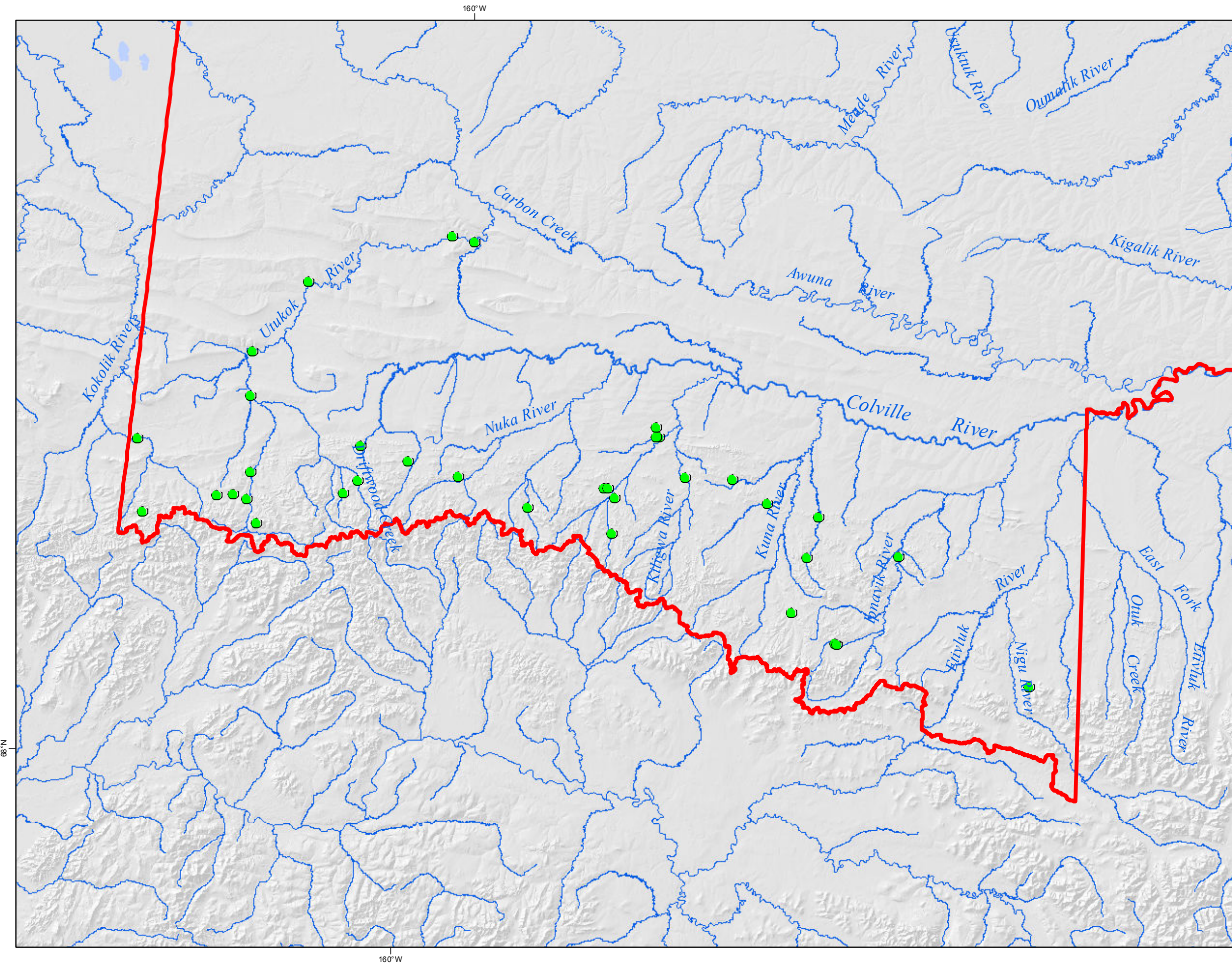
0 12 24 36
Miles

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Projection: Albers Conic Equal Area
referencing NAD83





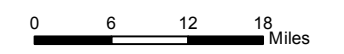
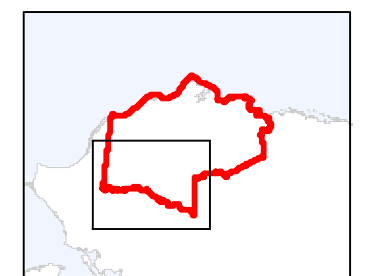
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Map 3.3.8-5
Golden Eagle
Nesting/ Activity Sites

Source: BLM, 2006

-  Golden Eagle Locations
-  NPR-A Boundary

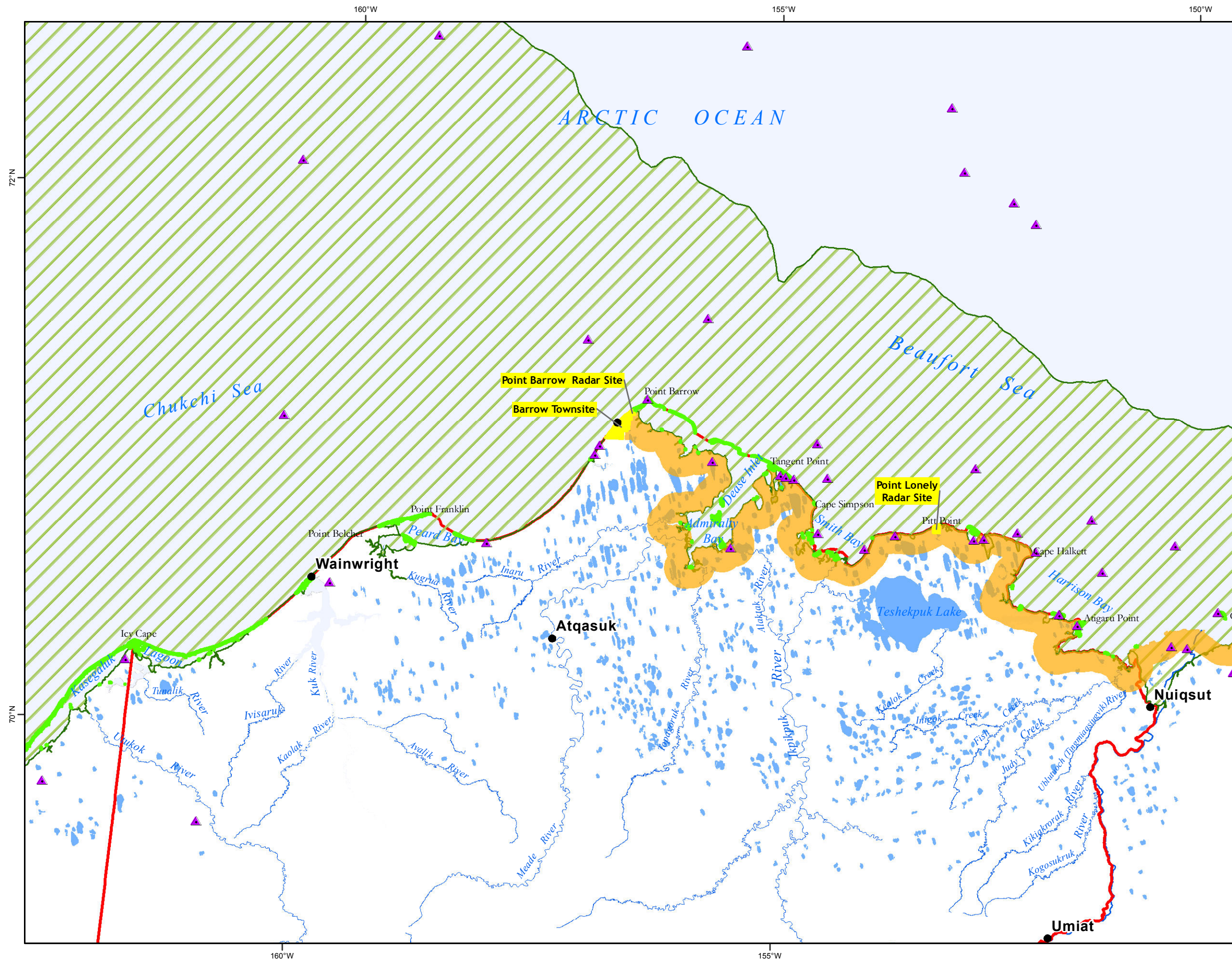


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Map 3.3.8-6

Polar Bear - Critical Habitat & Confirmed Dens

Source: USFWS, 2011
USGS, 2007

Confirmed Polar Bear
Den Locations (1972 - 2007)

Polar Bear Critical Habitat

- Critical Habitat Exclusion Areas
- Barrier Islands Critical Habitat
(outline enlarged in order to be
visible at this scale)
- Denning Critical Habitat
- Feeding Critical Habitat

NPR-A Boundary

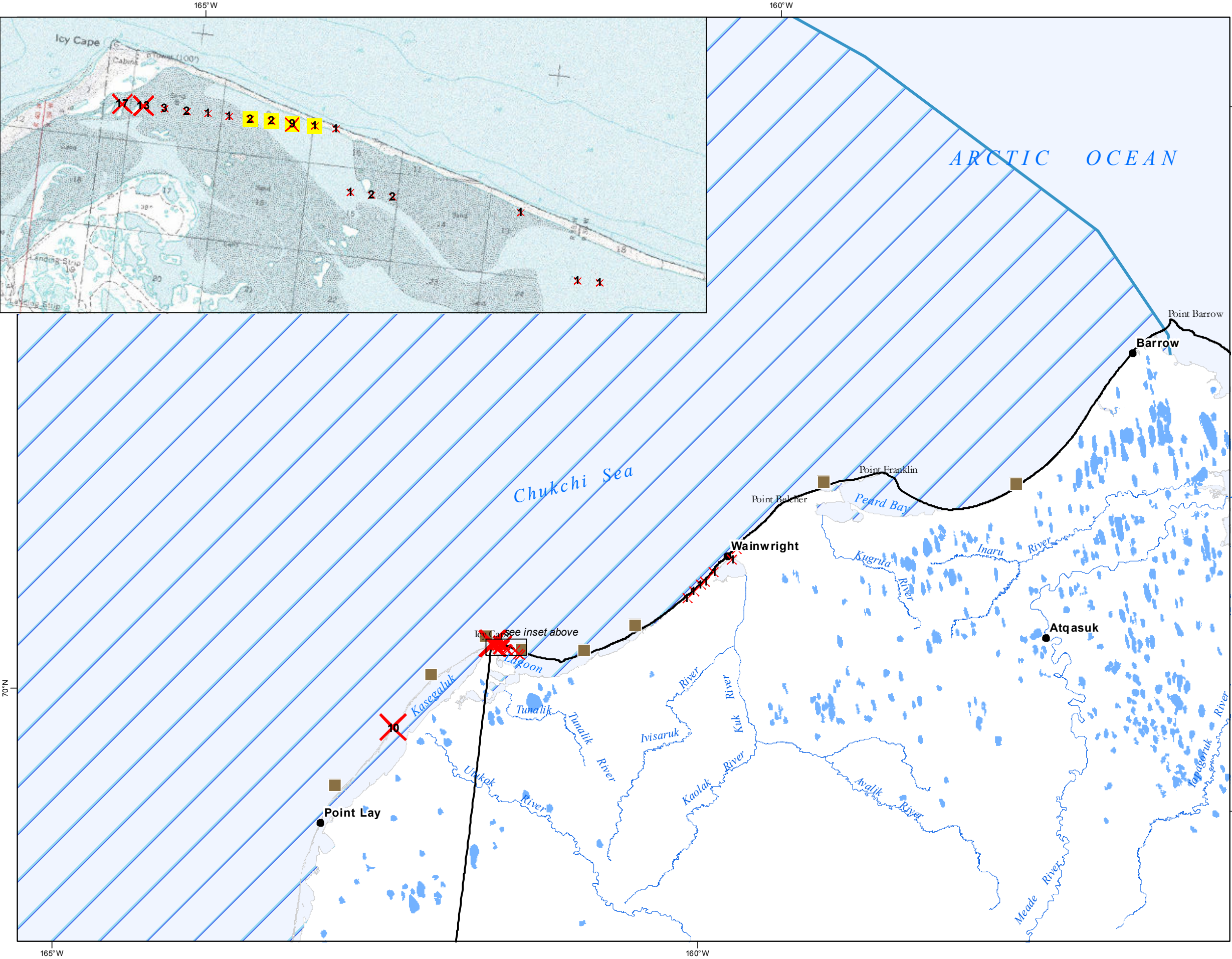
0 6 12 24 36 48 Miles

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referencing NAD83



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Map 3.3.8-7
Pacific Walrus
Summer Range,
Haulout & Carcass
Locations

Source: USGS, 2009
USFWS, 2011

Walrus Carcass Locations
(14-19 September, 2009)

- 1-4
- 5-9
- 10-17

Labeled with maximum number of carcasses counted at location.

2009 Recent Haulouts

Pacific Walrus Haulouts

Pacific Walrus Summer Range

NPR-A Boundary

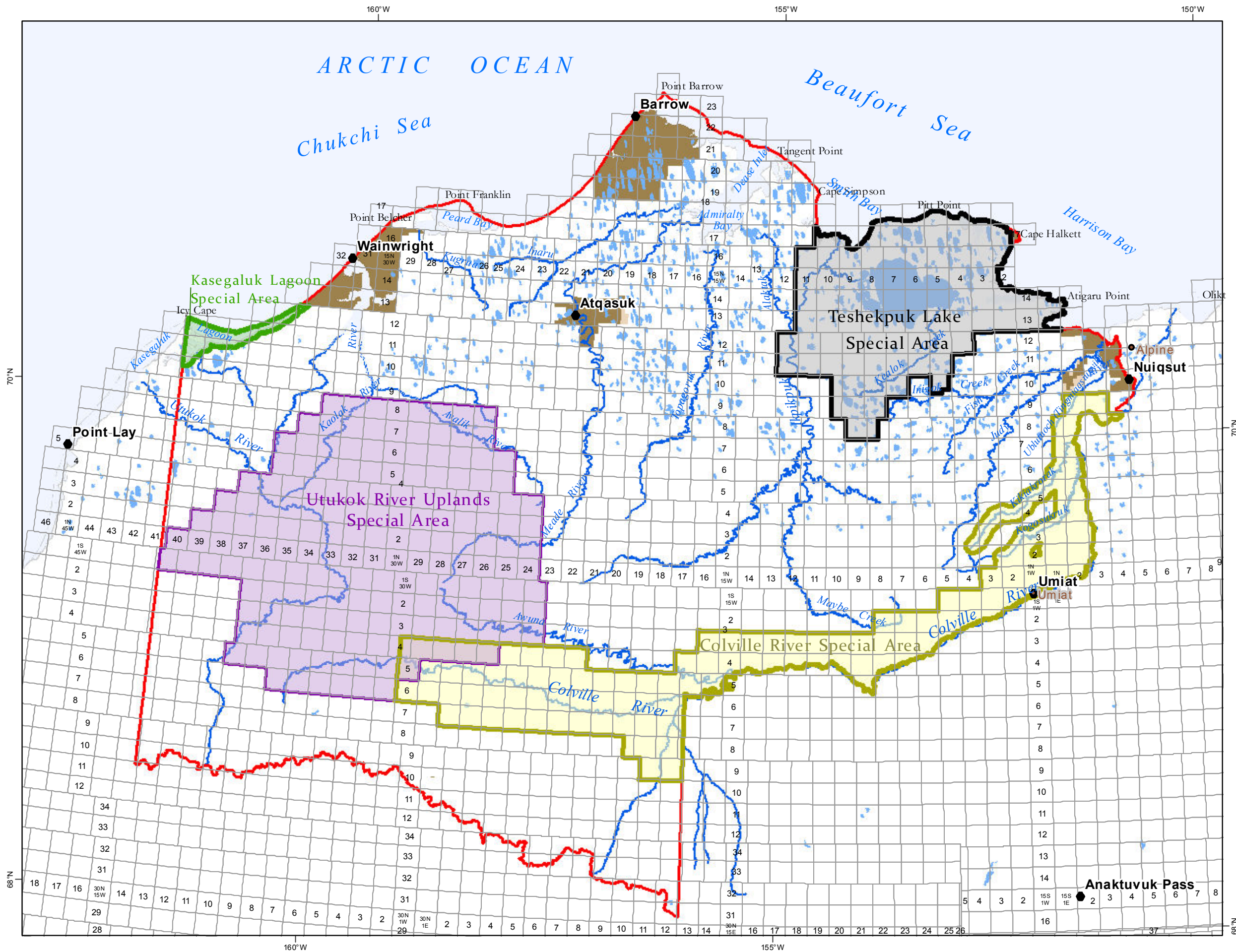
0 12 Miles

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Projection: Albers Conic Equal Area
referencing NAD83



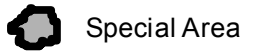
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Map 3.3.9-1

Special Areas

Sources: USDOI BLM, 2004 & 2009



Land Status

- Native Patent or IC
- Native Selected



0 6 12 24 36 48 Miles

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Projection: Albers Conic Equal Area
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