# Central Yukon

Resource Management Plan and Environmental Impact Statement

### DRAFT

**Volume 2: Appendices** 

December 2020

### Prepared by:

U.S. Department of the Interior Bureau of Land Management

### In Cooperation with:

U.S. Fish and Wildlife Service
Allakaket Tribal Council
Ruby Tribal Council
Koyukuk Tribal Council
Tanana Tribal Council
Nulato Tribal Council
Venetie Tribal Council
State of Alaska

Estimated Lead Agency Total Costs Associated with Developing and Producing this Preliminary Draft RMP/EIS \$5,087,191

### Mission

To sustain the health, diversity, and productivity of the public lands for the use and enjoyment of present and future generations.

Cover Photo: Dalton Highway Utility Corridor.

Photo by Craig McCaa (BLM).

DOI-BLM-AK-F030-2013-0062-RMP-EIS BLM/AK/PL-21/002+1610+F03

### **Central Yukon**

## **Draft Resource Management Plan and Environmental Impact Statement**

### **Volume 2: Appendices**

Prepared by: U.S. Department of the Interior Bureau of Land Management

In cooperation with:

U.S. Fish and Wildlife Service Allakaket Tribal Council Ruby Tribal Council Koyukuk Tribal Council Tanana Tribal Council Nulato Tribal Council Venetie Tribal Council State of Alaska

Estimated Lead Agency Total
Costs Associated with Developing
and Producing this Preliminary
Draft RMP/EIS

\$5,087,191

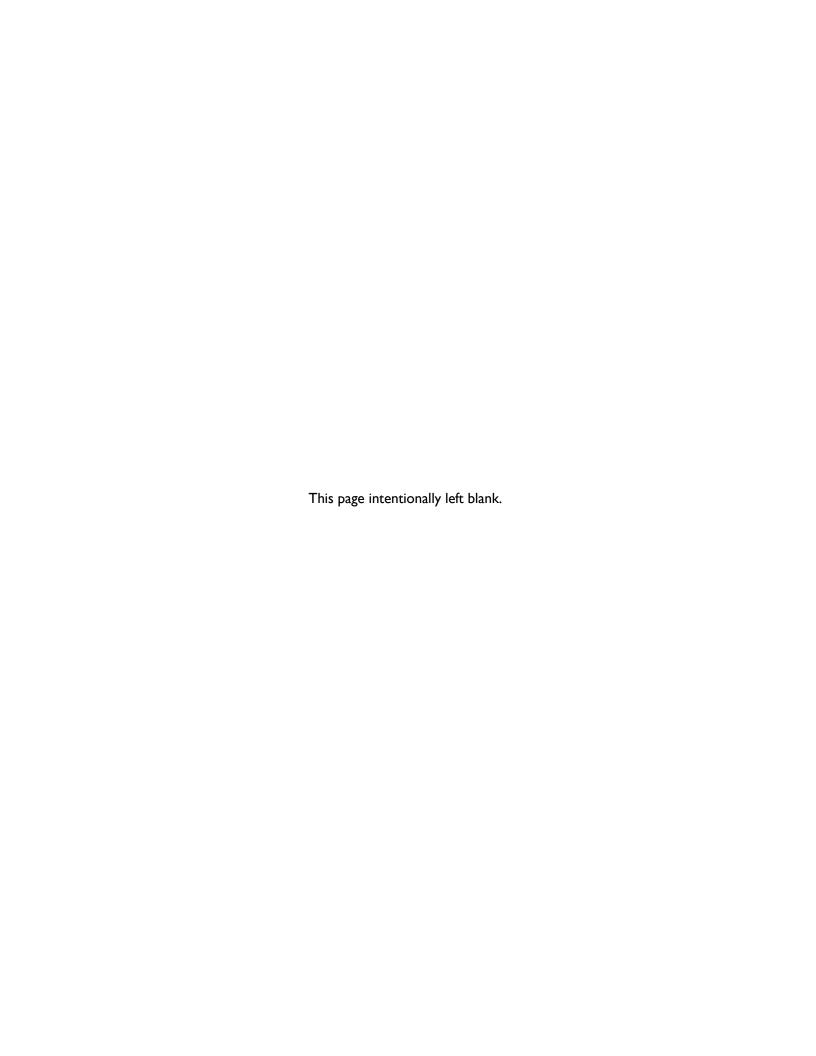
### **APPENDICES**

- A MapsB Collaboration and Coordination
- C Land Tenure
- D Relationship to BLM Policies, Plans, and Programs
- E Alaska National Interest Lands Conservation Act (ANILCA) Access—Implementing Sections 811 and 1110(a)
- F Standard Operating Procedures and Fluid Mineral Leasing Stipulations
- G Adaptive Management Framework
- H Aquatic and Riparian Resource Desired Conditions and Objectives
- I Dall Sheep and Caribou Habitat Management
- J Land Management Allocations
- K Recreation Management Areas and Backcountry Conservation Areas
- L Reclamation Requirements for All Surface-Disturbing Activities
- M Approach and Summary to the Environmental Analysis
- N Reasonable Foreseeable Development Scenario for the Central Yukon Field Office Planning Area
- O Vegetation Communities and Wetland Resources
- P Wildlife
- Q Subsistence Uses and Resources
- R ANILCA Section 810 Preliminary Evaluation
- S Social and Economic Conditions
- T Areas of Critical Environmental Concern



This page intentionally left blank.

# Appendix A Maps



#### **APPENDIX A**

#### Maps

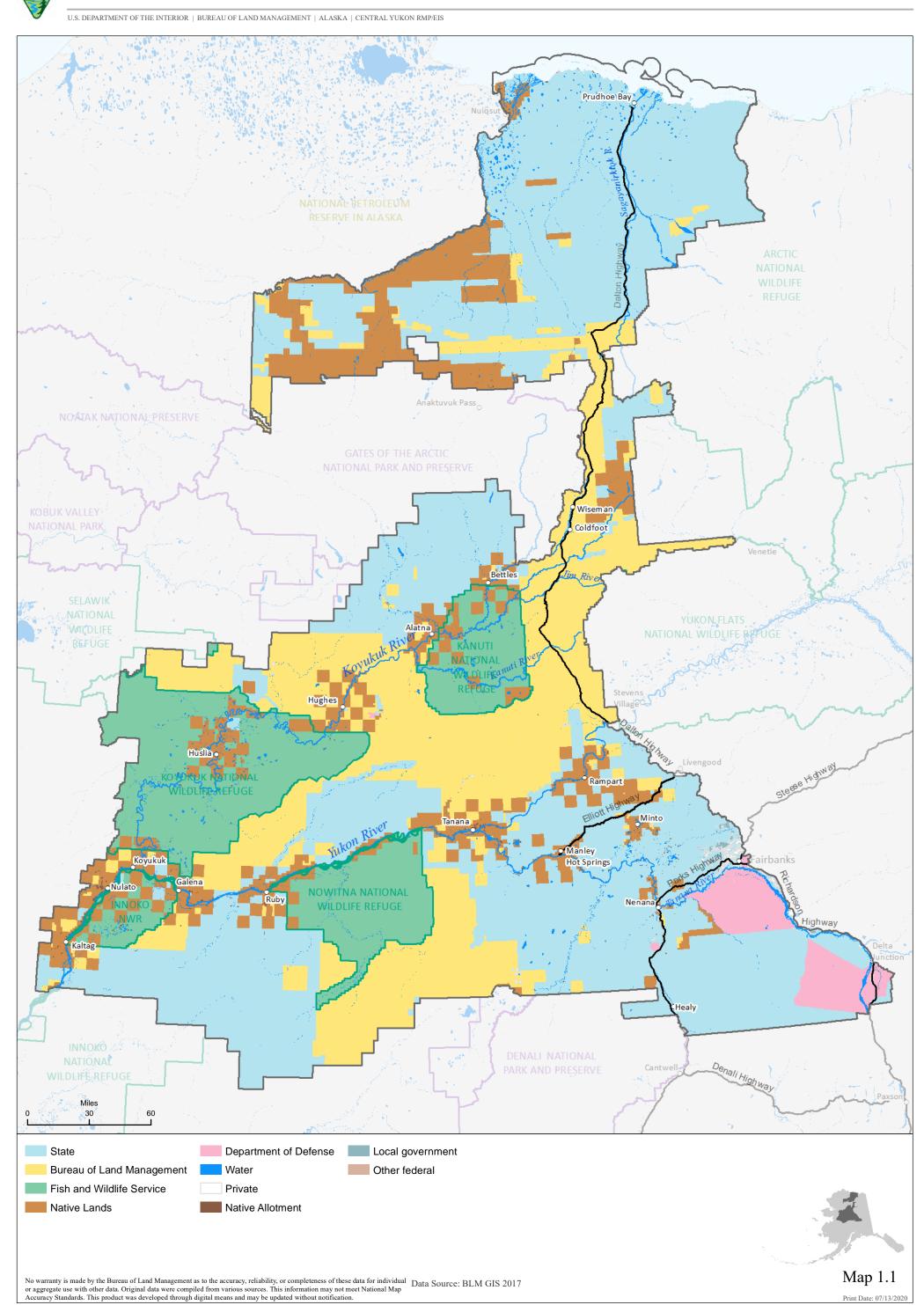
- 1.1 Planning Area
- 1.2 Decision Area
- 2.1 Alternatives C1 and C2: Core Caribou Ranges
- 2.2 Alternative C1: Dall Sheep
- 2.3 Alternative A: Recreation; Utility Corridor Subunit
- 2.4 Alternative B: Recreation; Utility Corridor Subunit
- 2.5 Alternative C1: Recreation; Utility Corridor Subunit
- 2.6 Alternative C2: Recreation; Utility Corridor Subunit
- 2.7 Alternatives A, C2, and D: Lands with Wilderness Characteristics
- 2.8 Alternative B: Lands with Wilderness Characteristics
- 2.9 Alternative C1: Lands with Wilderness Characteristics
- 2.10 Alternatives A and B: Wild and Scenic Rivers
- 2.11 Alternative A: Visual Resource Management
- 2.12 Alternative B: Visual Resource Management
- 2.13 Alternative C1: Visual Resource Management
- 2.14 Alternative C2: Visual Resource Management
- 2.15 Alternative D: Visual Resource Management
- 2.16 Alternative A: ACECs/RNAs; Middle Yukon Drainages Subunit
- 2.17 Alternative A: ACECs/RNAs; Utility Corridor Subunit
- 2.18 Alternative B: ACECs/RNAs; Middle Yukon Drainages Subunit
- 2.19 Alternative B: ACECs/RNAs; Utility Corridor Subunit
- 2.20 Alternative C1: ACECs/RNAs; Middle Yukon Drainages Subunit
- 2.21 Alternative C1: ACECs/RNAs; Utility Corridor Subunit
- 2.22 Alternative C2: ACECs/RNAs; Utility Corridor Subunit
- 2.23 Alternatives A, B, C1, C2, and D: Wilderness Study Area and National Historic Trail
- 2.24 Alternatives A, C2, and D: Forestry
- 2.25 Alternative B: Forestry
- 2.26 Alternative C1: Forestry
- 2.27 Alternatives B and C1: Land Tenure
- 2.28 Alternative A: Public Land Order Withdrawals; Fairbanks Subunit
- 2.29 Alternative A: Public Land Order Withdrawals; Middle Yukon Drainages Subunit
- 2.30 Alternative A: Public Land Order Withdrawals; Utility Corridor Subunit
- 2.31 Alternatives B and C1: Public Land Order Withdrawals; Utility Corridor Subunit
- 2.32 Alternatives C2 and D: Public Land Order Withdrawals; Utility Corridor Subunit
- 2.33 Alternatives B and C1: Utility and Transportation Corridors
- 2.34 Alternatives C2 and D: Utility and Transportation Corridors
- 2.35 Alternative A: Right-of-Ways
- 2.36 Alternative B: Right-of-Ways
- 2.37 Alternative C1: Right-of-Ways
- 2.38 Alternative C2: Right-of-Ways
- 2.39 Alternative D: Right-of-Ways

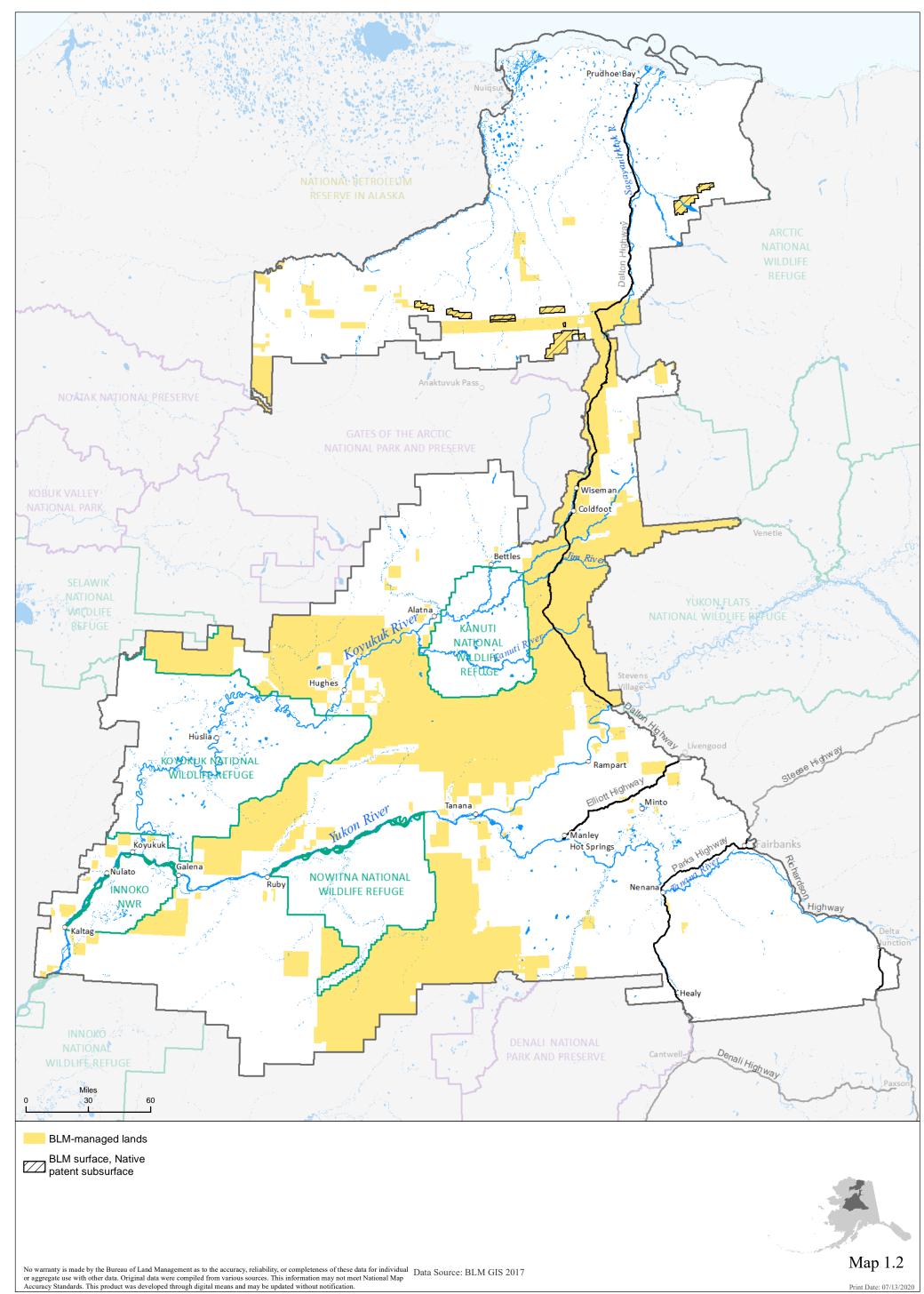
- 2.40 Alternative A: Travel Management Areas
- 2.41 Alternatives B, C1, C2, and D: Travel Management Areas
- 2.42 Alternative A: Travel and Transportation Management; Fairbanks Subunit
- 2.43 Alternative A: Travel and Transportation Management; Middle Yukon Drainages Subunit
- 2.44 Alternative A: Travel and Transportation Management; Utility Corridor Subunit
- 2.45 Alternative B: Travel and Transportation Management; Fairbanks Subunit
- 2.46 Alternative B: Travel and Transportation Management; Middle Yukon Drainages Subunit
- 2.47 Alternative B: Travel and Transportation Management; Utility Corridor Subunit
- 2.48 Alternative C1: Travel and Transportation Management; Fairbanks Subunit
- 2.49 Alternative C1: Travel and Transportation Management; Middle Yukon Drainages Subunit
- 2.50 Alternative C1: Travel and Transportation Management; Utility Corridor Subunit
- 2.51 Alternatives C2 and D: Travel and Transportation Management; Fairbanks Subunit
- 2.52 Alternative C2: Travel and Transportation Management, Middle Yukon Drainages Subunit
- 2.53 Alternative C2: Travel and Transportation Management; Utility Corridor Subunit
- 2.54 Alternative D: Travel and Transportation Management, Middle Yukon Drainages Subunit
- 2.55 Alternative D: Travel and Transportation Management; Utility Corridor Subunit
- 2.56 Alternative A: Fluid Mineral Leasing
- 2.57 Alternative B: Fluid Mineral Leasing
- 2.58 Alternative C1: Fluid Mineral Leasing
- 2.59 Alternatives C2 and D: Fluid Mineral Leasing
- 2.60 Alternative B: Fluid Mineral Leasing, No Surface Occupancy
- 2.61 Alternative C1: Fluid Mineral Leasing, No Surface Occupancy
- 2.62 Alternative C1: Fluid Mineral Leasing, Controlled Surface Use
- 2.63 Alternative A: Nonenergy Solid Leasable Minerals
- 2.64 Alternative B: Nonenergy Solid Leasable Minerals
- 2.65 Alternative C1: Nonenergy Solid Leasable Minerals
- 2.66 Alternatives C2 and D: Nonenergy Solid Leasable Minerals
- 2.67 Alternative A: Locatable Minerals
- 2.68 Alternative B: Locatable Minerals
- 2.69 Alternative C1: Locatable Minerals
- 2.70 Alternatives C2 and D: Locatable Minerals
- 2.71 Alternative A: Mineral Materials
- 2.72 Alternative B: Mineral Materials
- 2.73 Alternative C1: Mineral Materials
- 2.74 Alternative C2: Mineral Materials
- 2.75 Alternative D: Mineral Materials
- 3.1 Sensitive Soils: Fairbanks Subunit
- 3.2 Sensitive Soils: Middle Yukon Drainages Subunit
- 3.3 Sensitive Soils: Utility Corridor Subunit
- 3.4 Water Resources
- 3.5 Aquatic Resources: Fairbanks Subunit
- 3.6 Aquatic Resources: Middle Yukon Drainages Subunit
- 3.7 Aquatic Resources: Utility Corridor Subunit
- 3.8 Watershed Condition
- 3.9 Landcover: Fairbanks Subunit

- 3.10 Landcover: Middle Yukon Drainages Subunit
- 3.11 Landcover: Utility Corridor Subunit
- 3.12 Central Arctic Caribou Herd, Seasonal Range Use, 2012-2017, Female Caribou
- 3.13 Breeding Bird Survey
- 3.14 Wildland Urban Interface
- 3.15 Paleontological Resources
- 3.16 Visual Resources Inventory Distance Zones
- 3.17 Visual Resources Inventory Scenic Quality
- 3.18 Visual Resources Inventory Sensitivity Levels
- 3.19 Visual Resource Inventory
- 3.20 State- and Native-Selected Lands, and State Top-Filed Lands

Geographic information system (GIS) data have been used to perform acreage calculations and to generate the maps in **Appendix A**. Calculations depend on the quality and availability of data. Most calculations in this RMP are rounded to the nearest 1,000 acres or 1 mile. Given the scale of the analysis, the compatibility constraints between datasets, and the lack of data for some resources, all calculations are approximate and serve for comparison and analytic purposes only. Likewise, the maps in **Appendix A** are provided for illustration only and are subject to the limitations discussed above. The BLM may receive additional or updated data, so acreages may be recalculated and revised later.

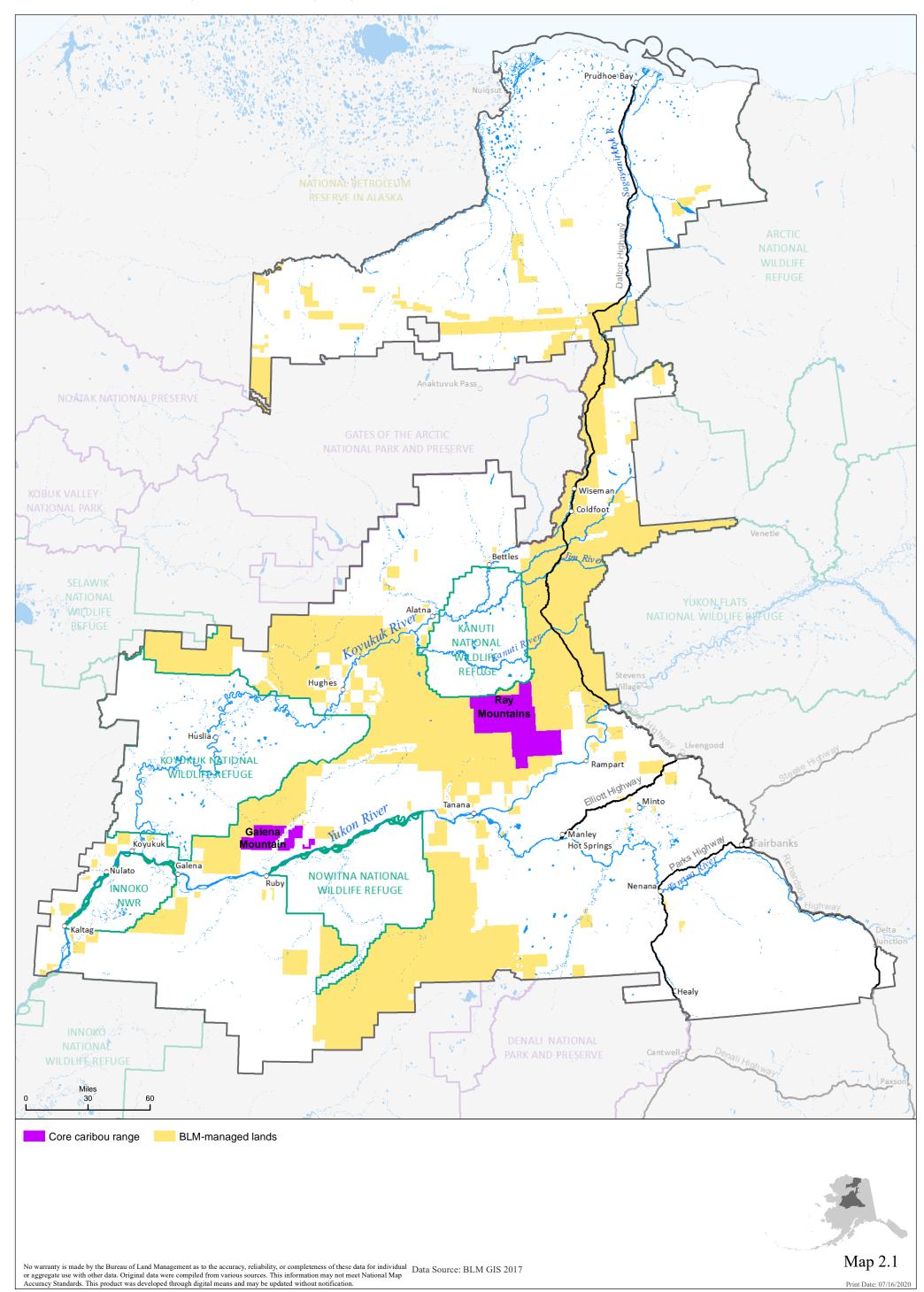
Maps in Appendix A display data on Bureau of Land Management surface or subsurface. The Department of Defense's surface and mineral estate are withdrawn and the withdrawal will be retained for all alternatives. As such, this RMP does not make other decisions on DOD land, except for designating the travel management areas



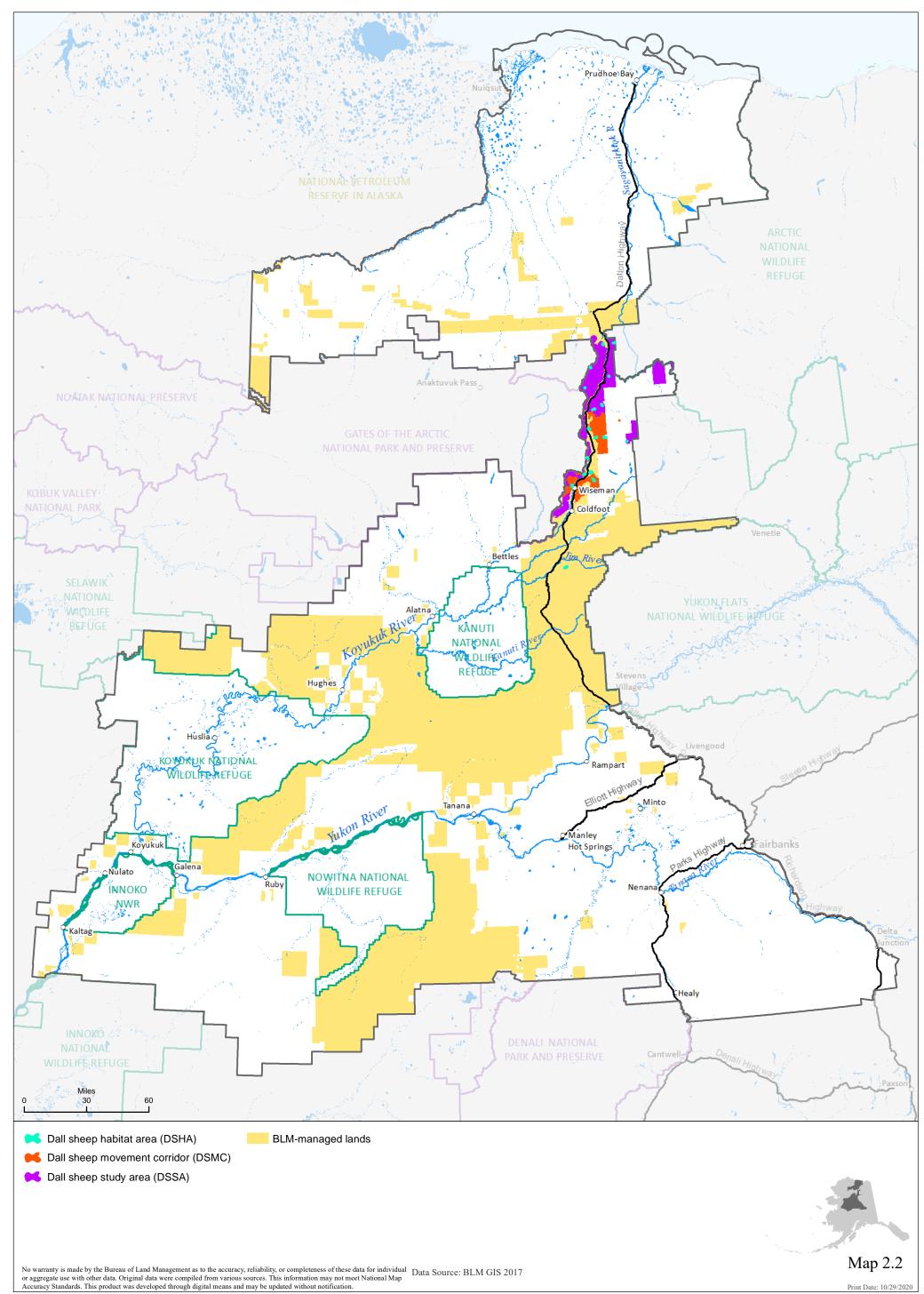


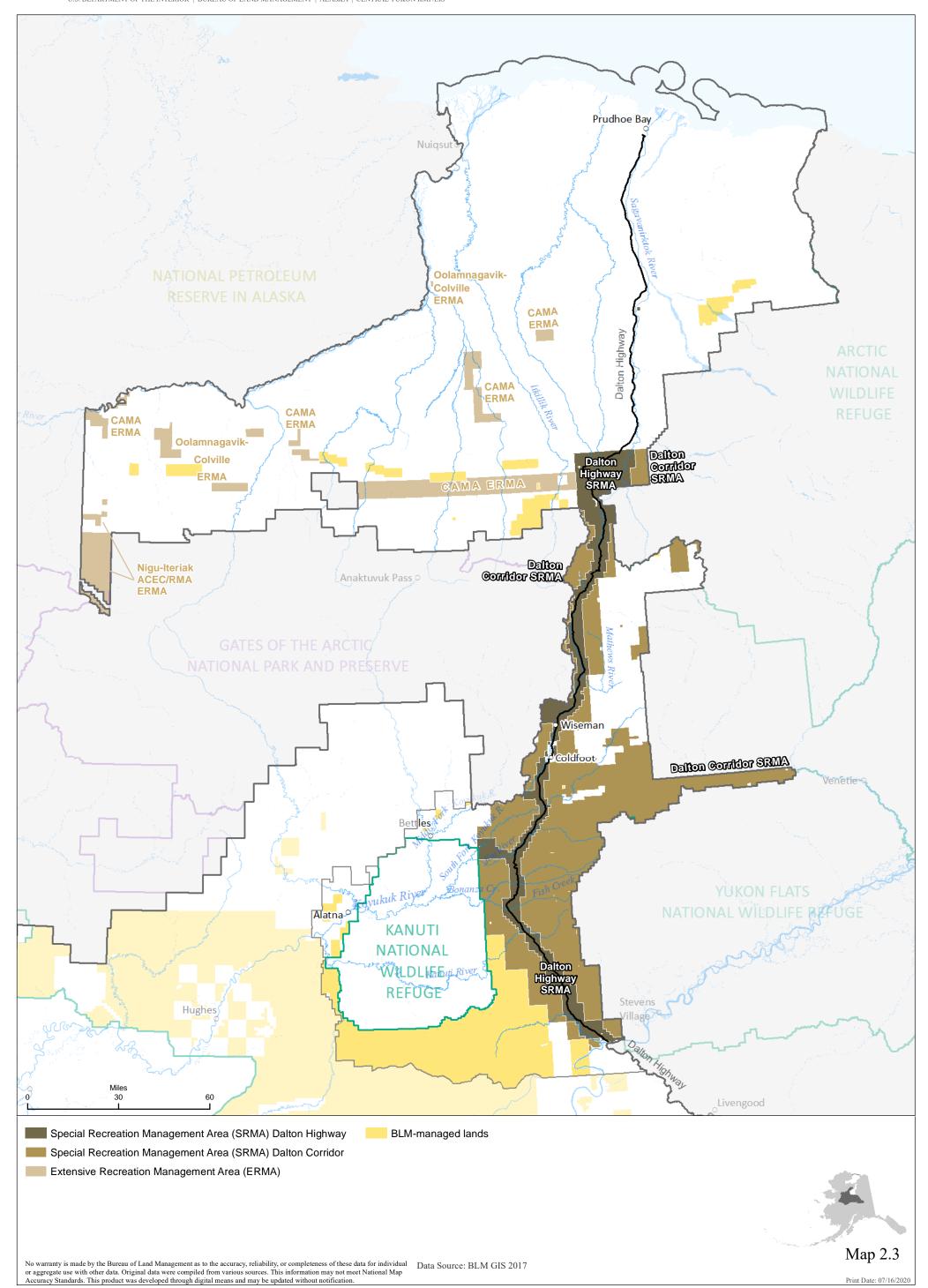


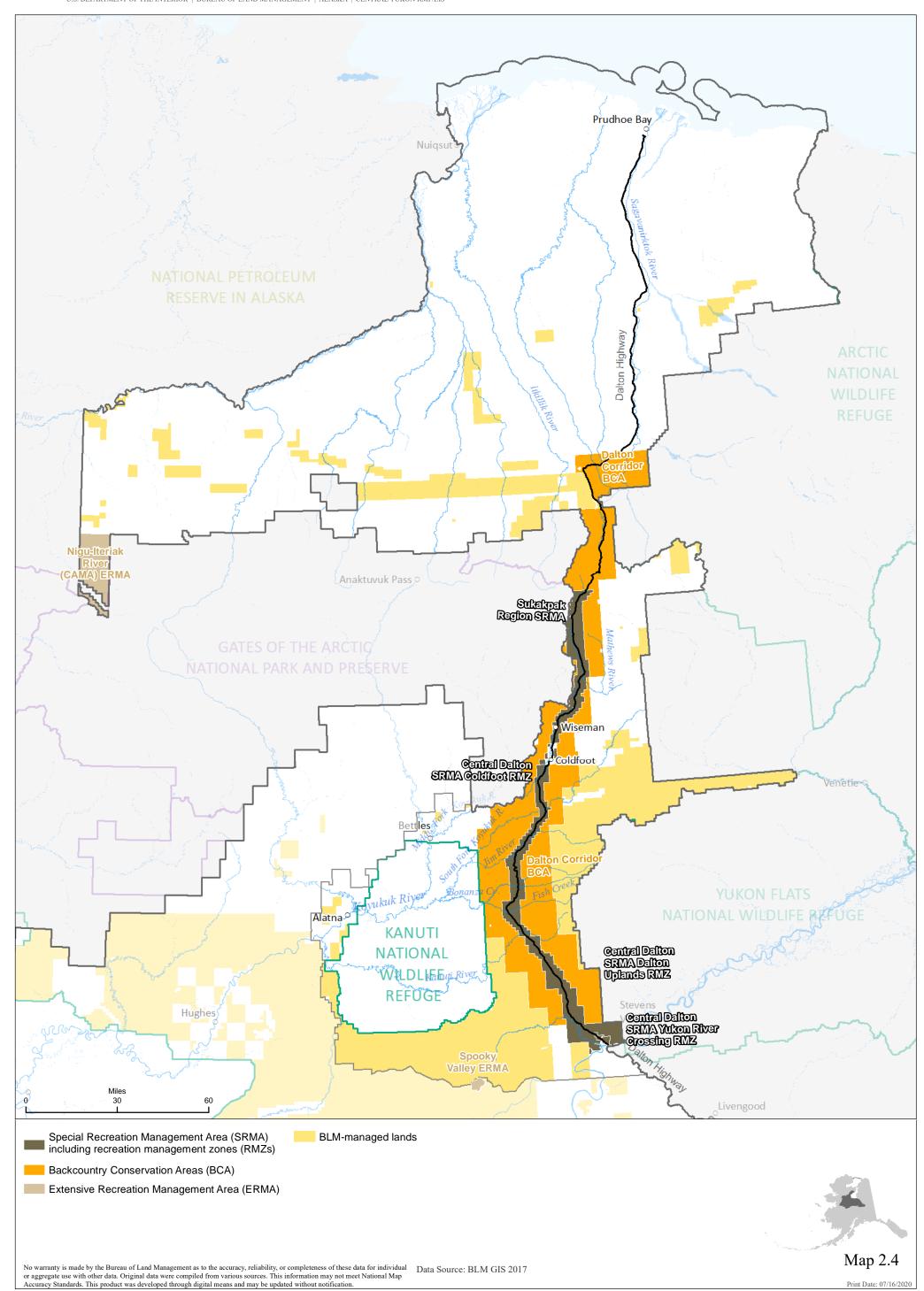
 $\hbox{U.s. DEPARTMENT OF THE INTERIOR} \ | \ \hbox{BUREAU OF LAND MANAGEMENT} \ | \ \hbox{ALASKA} \ | \ \hbox{CENTRAL YUKON RMP/EIS}$ 

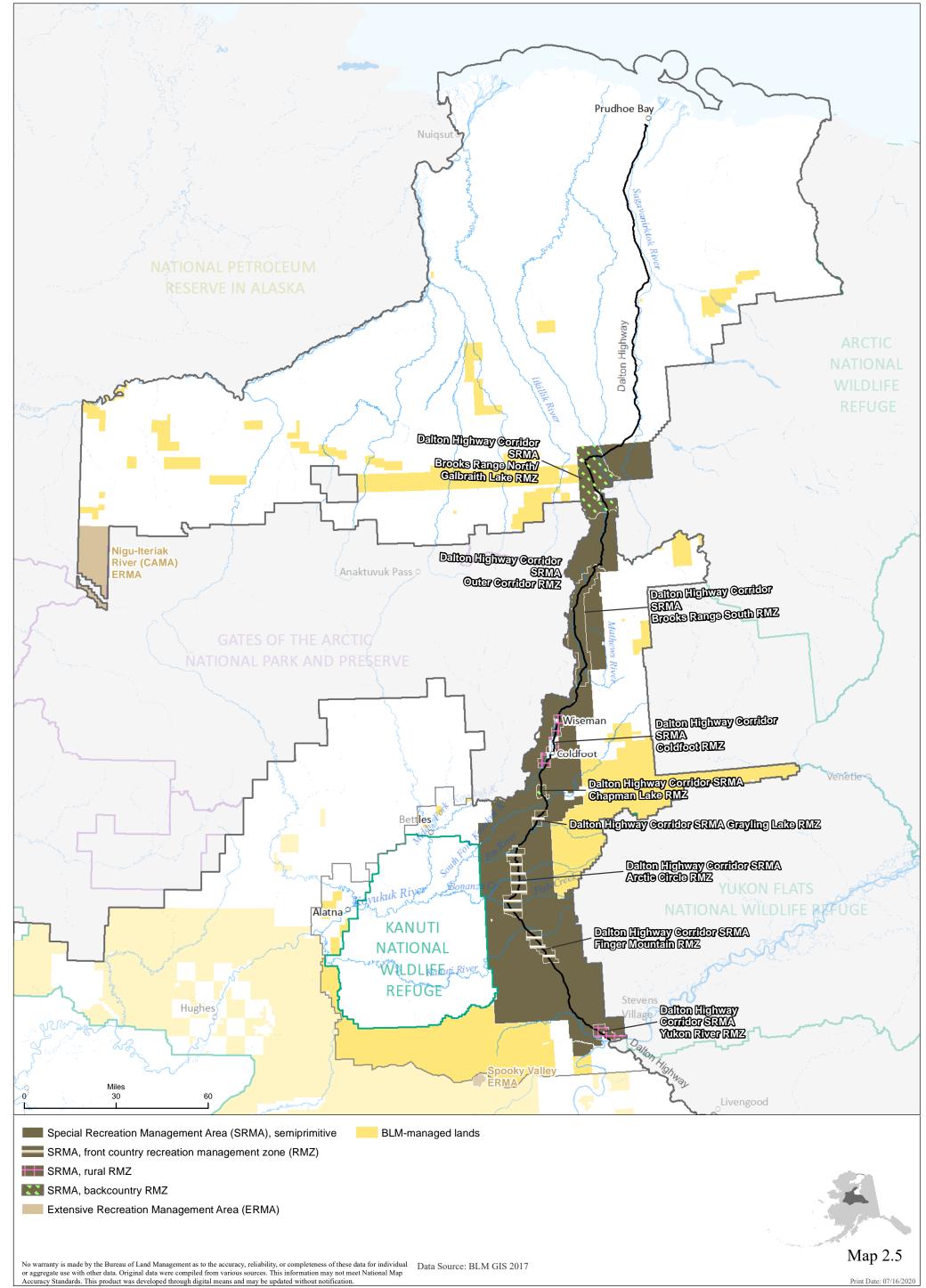


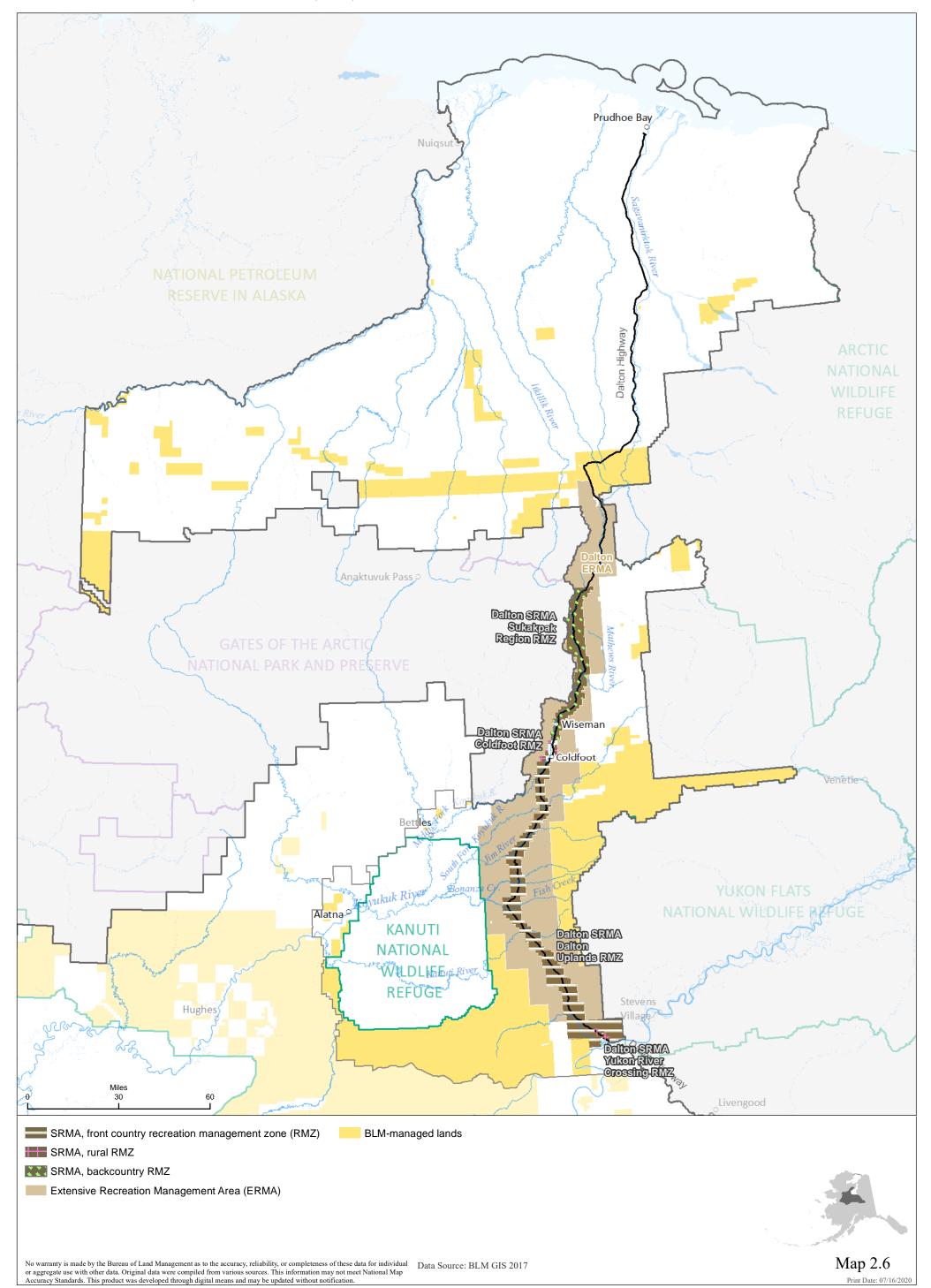
 $\text{U.S. DEPARTMENT OF THE INTERIOR} \ | \ \text{BUREAU OF LAND MANAGEMENT} \ | \ \text{ALASKA} \ | \ \text{CENTRAL YUKON RMP/EIS}$ 



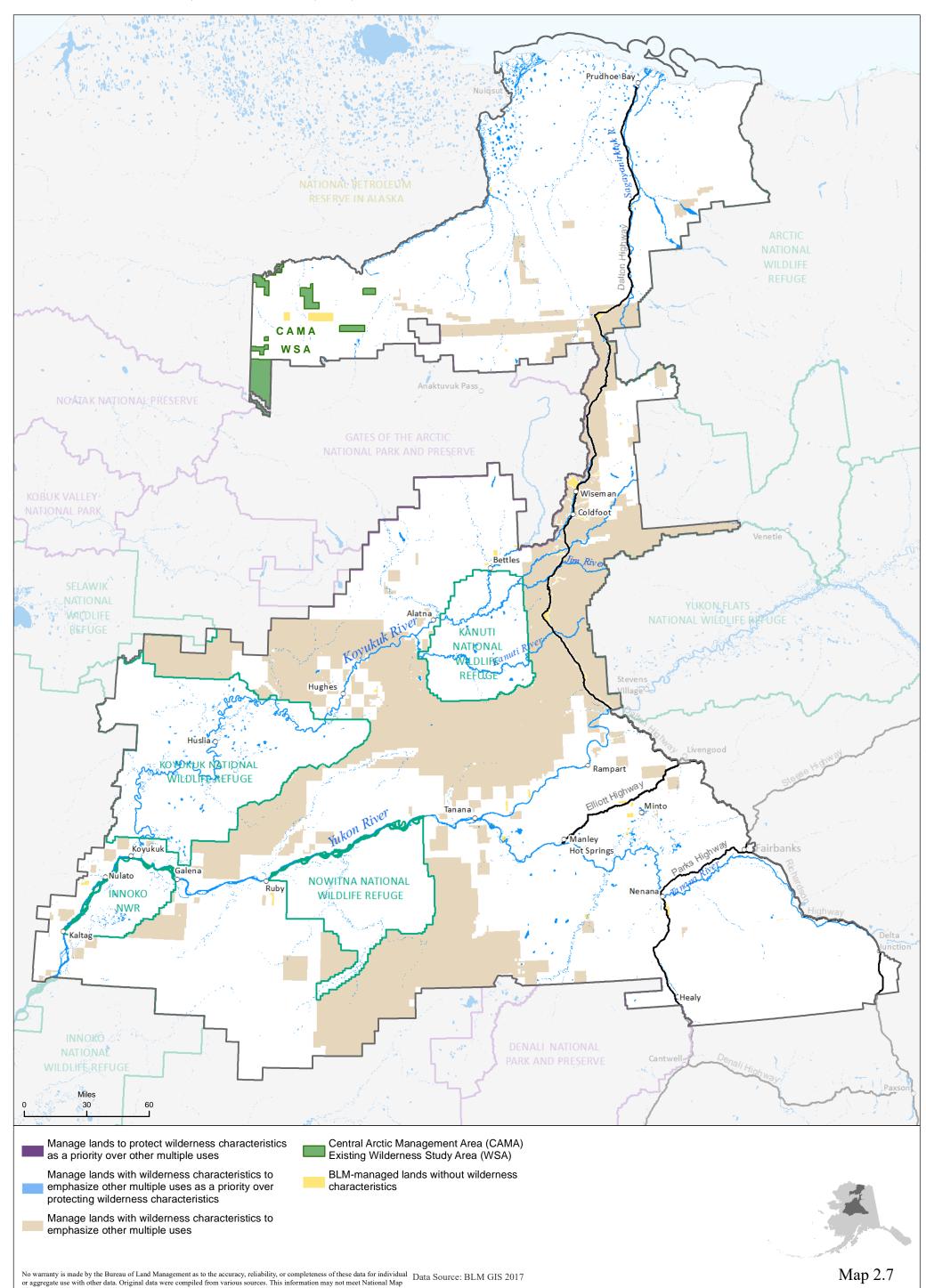




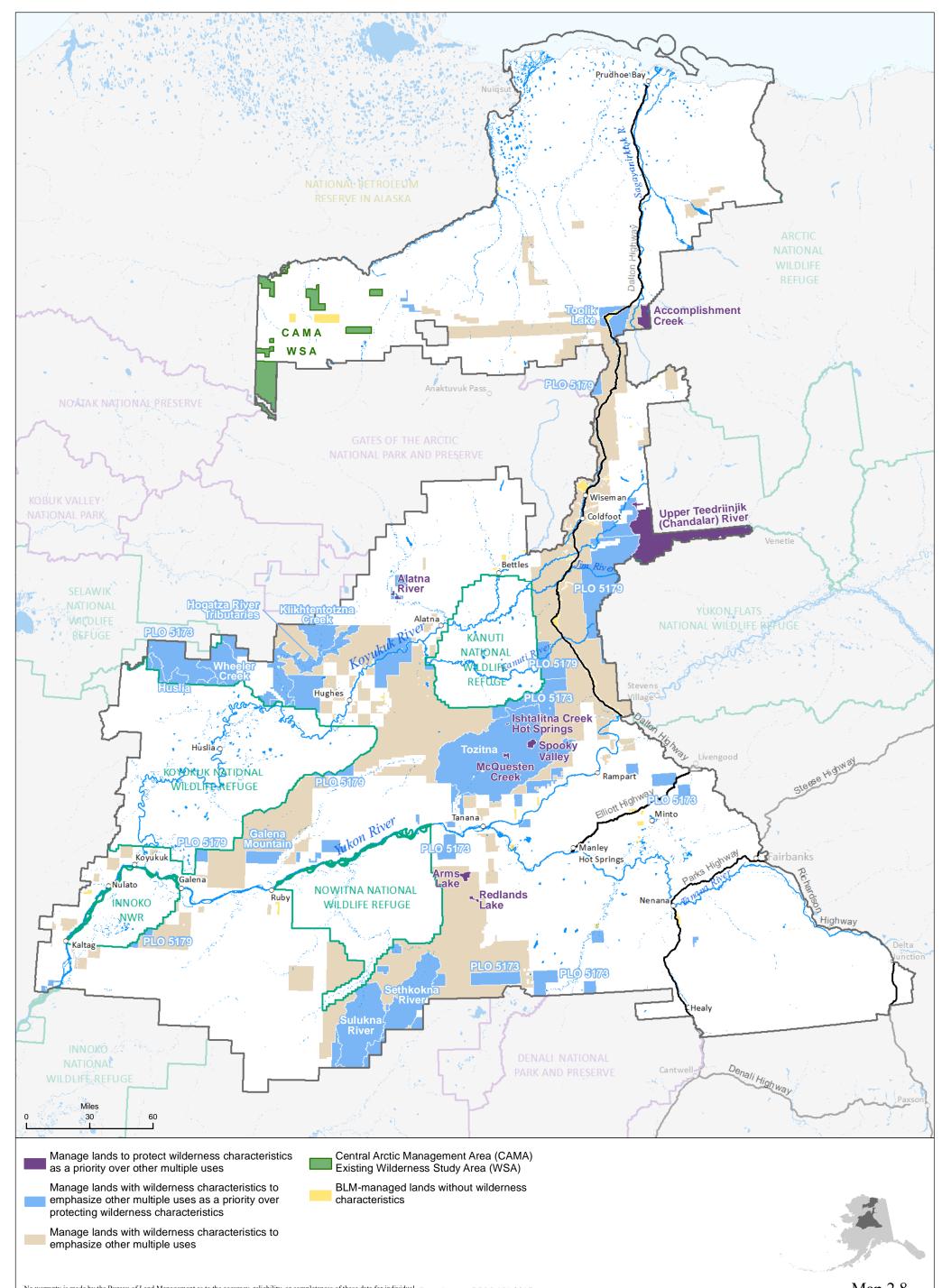






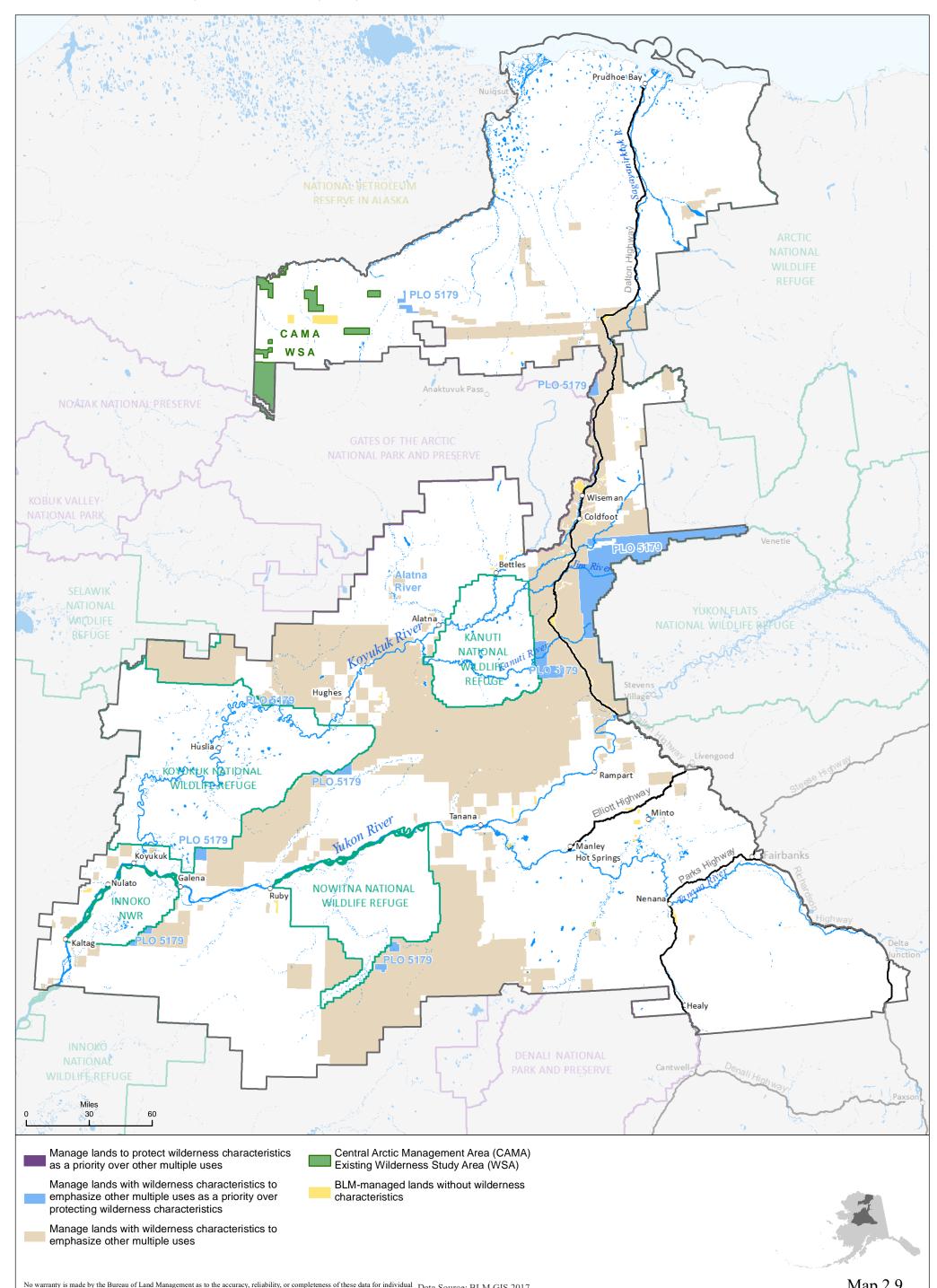




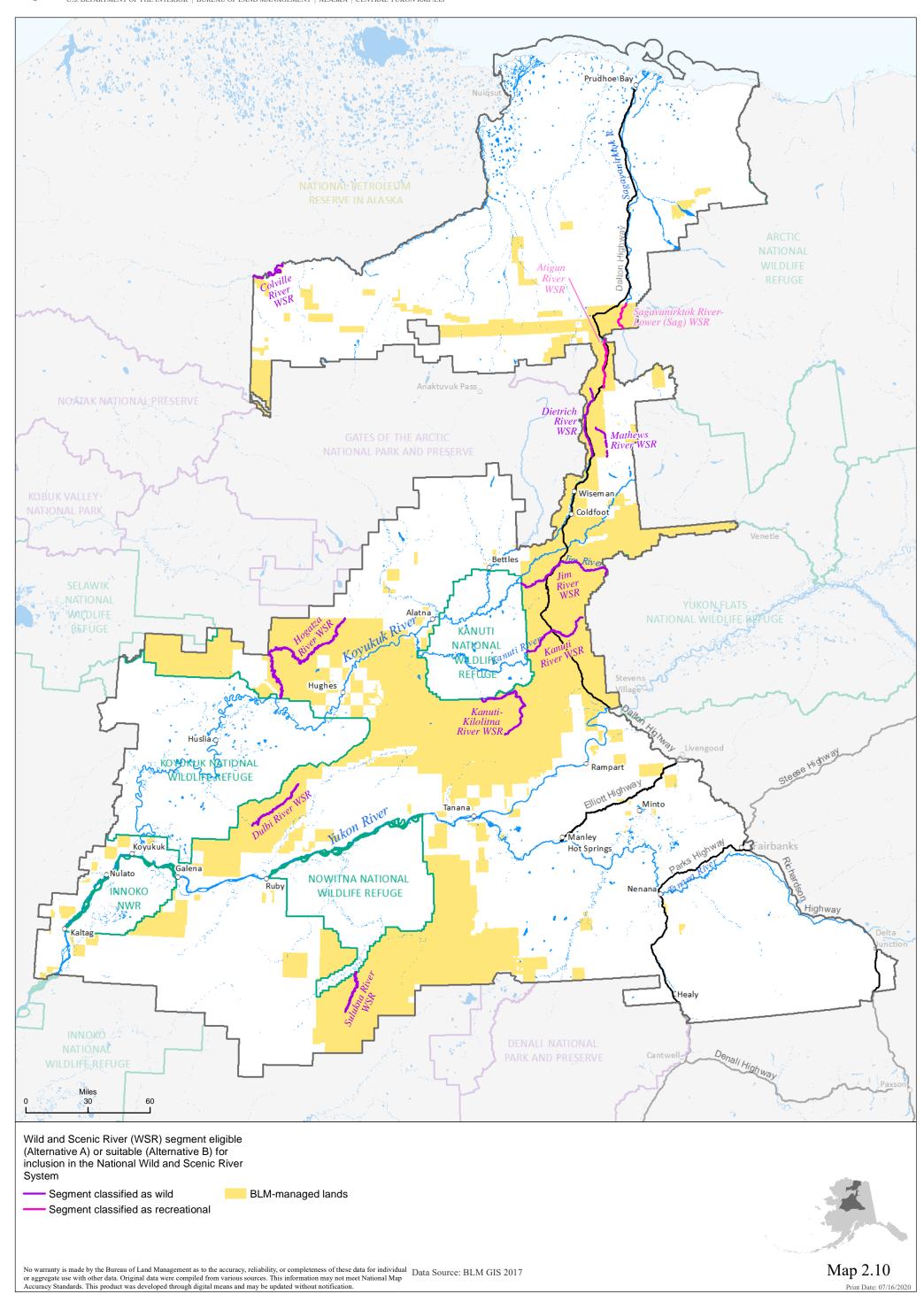




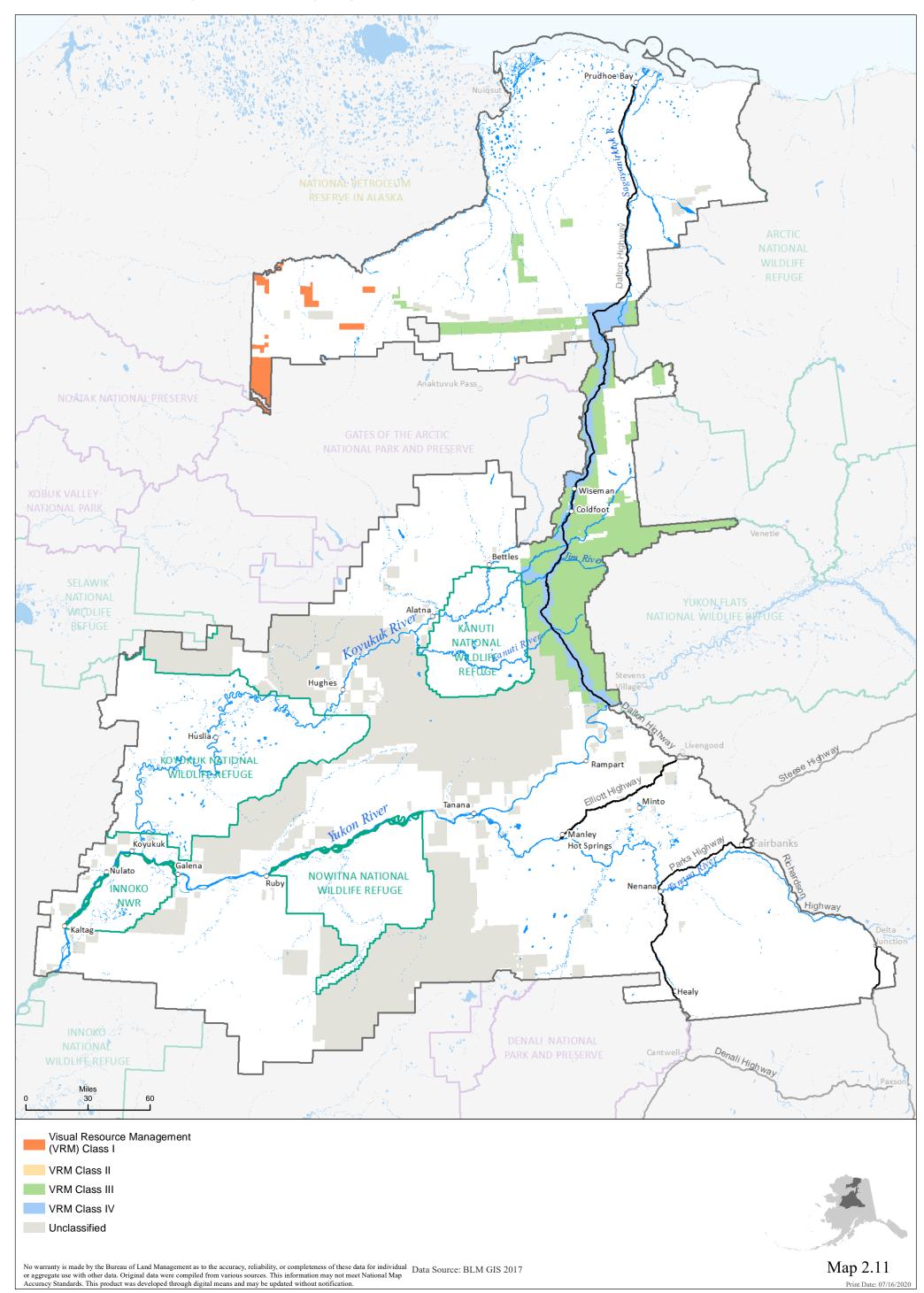
 $\hbox{U.s. DEPARTMENT OF THE INTERIOR} \ | \ \hbox{BUREAU OF LAND MANAGEMENT} \ | \ \hbox{ALASKA} \ | \ \hbox{CENTRAL YUKON RMP/EIS}$ 



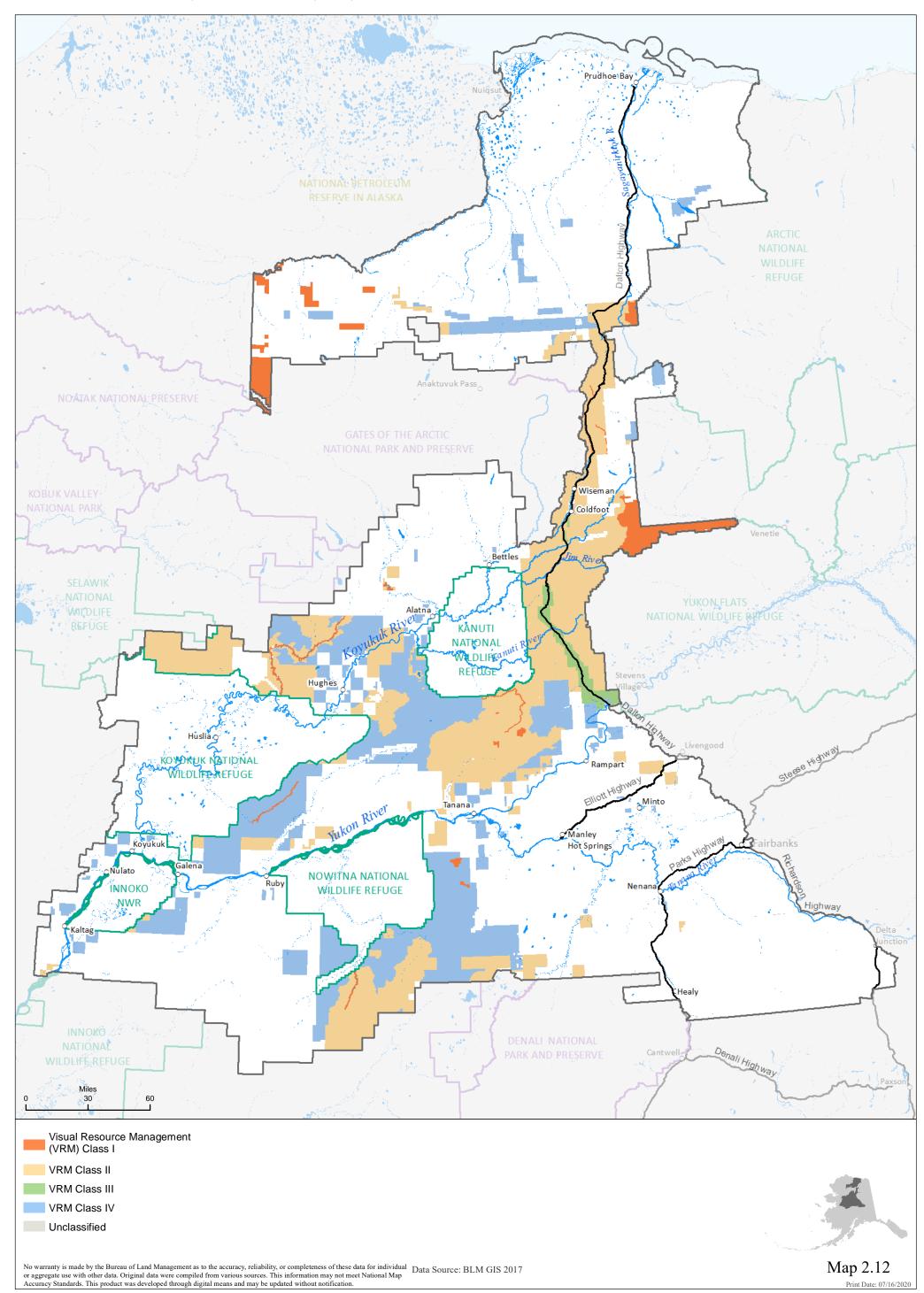




 $\text{U.S. DEPARTMENT OF THE INTERIOR} \ | \ \text{BUREAU OF LAND MANAGEMENT} \ | \ \text{ALASKA} \ | \ \text{CENTRAL YUKON RMP/EIS}$ 

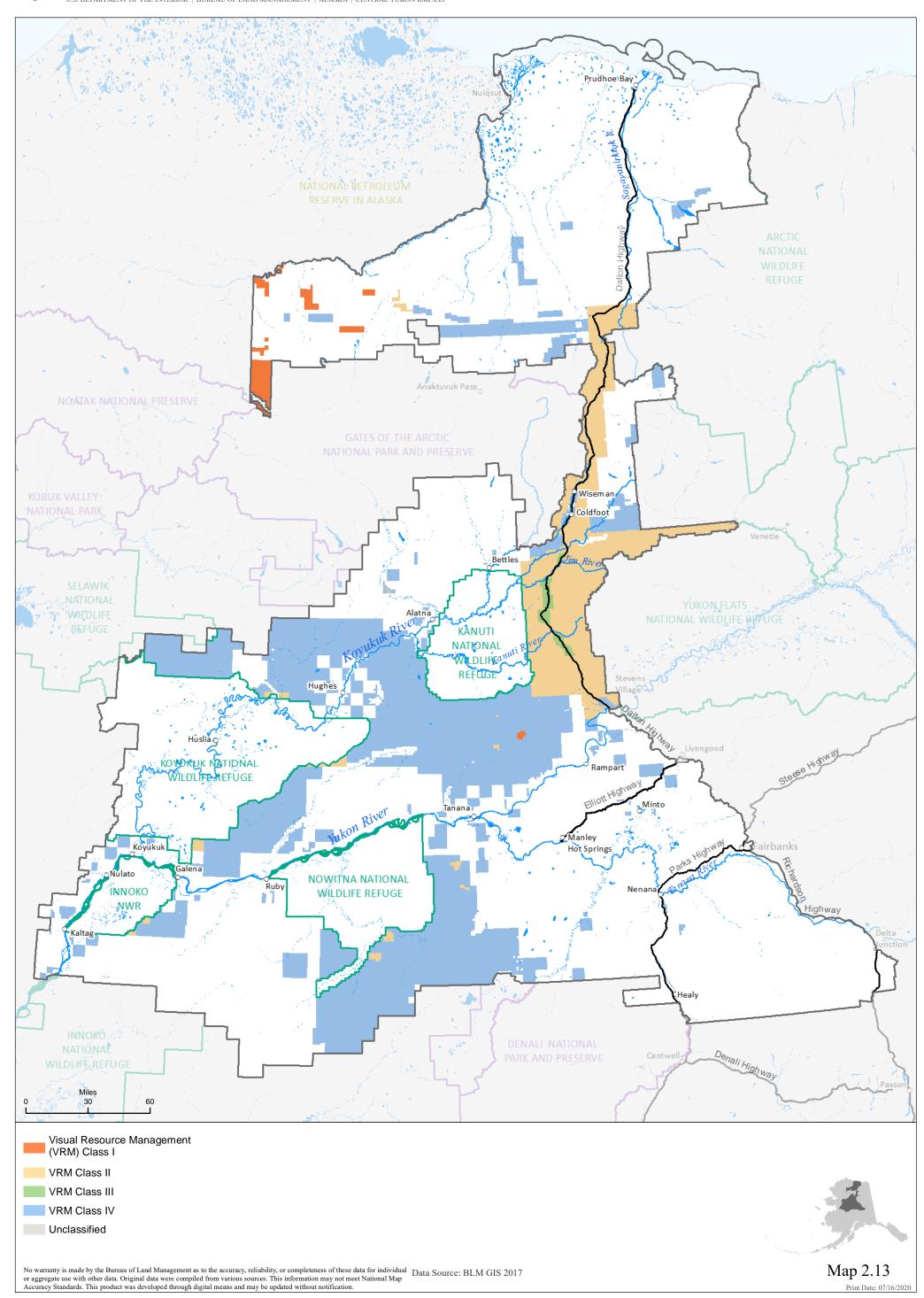


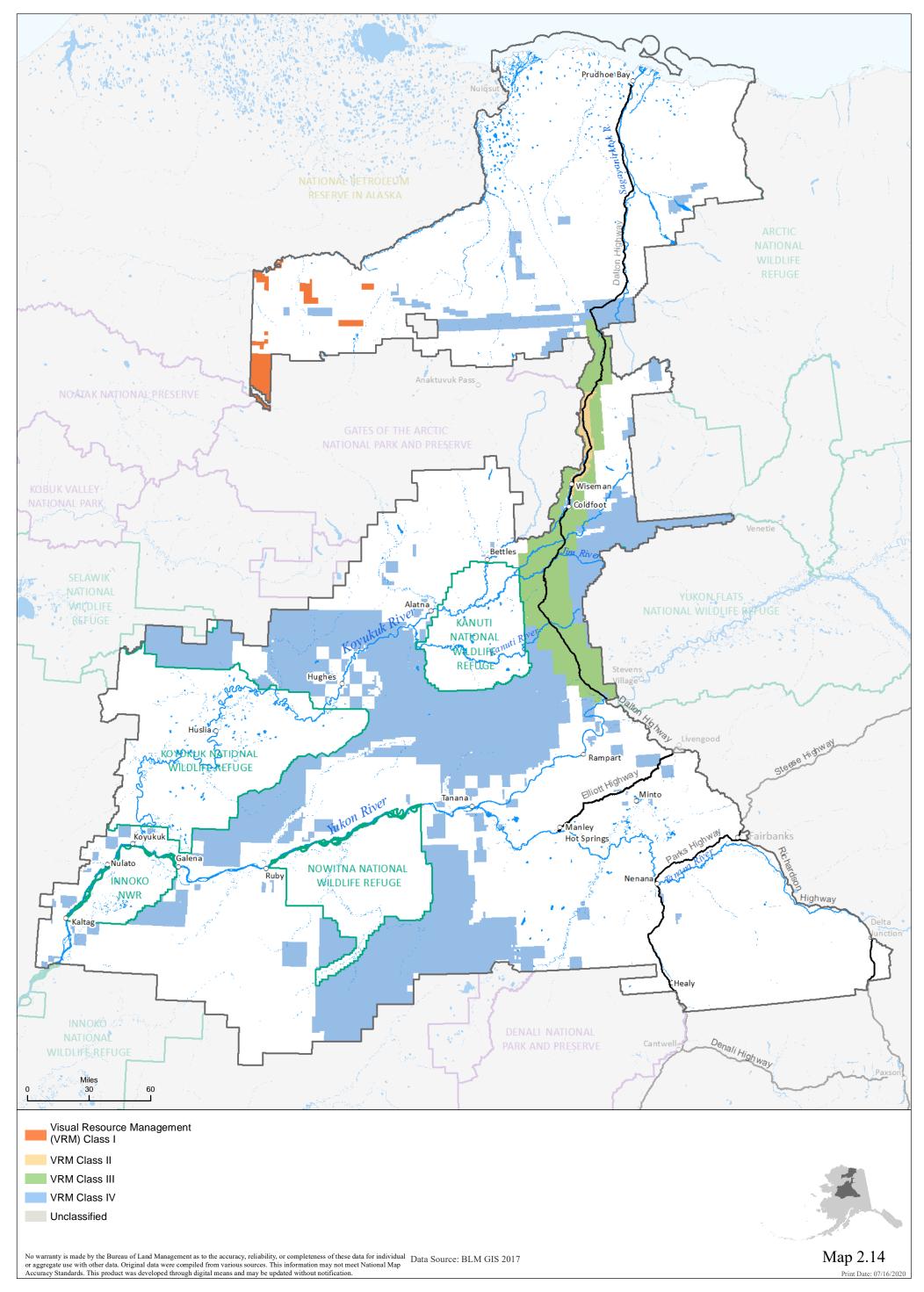
 $\text{U.S. DEPARTMENT OF THE INTERIOR} \ | \ \text{BUREAU OF LAND MANAGEMENT} \ | \ \text{ALASKA} \ | \ \text{CENTRAL YUKON RMP/EIS}$ 



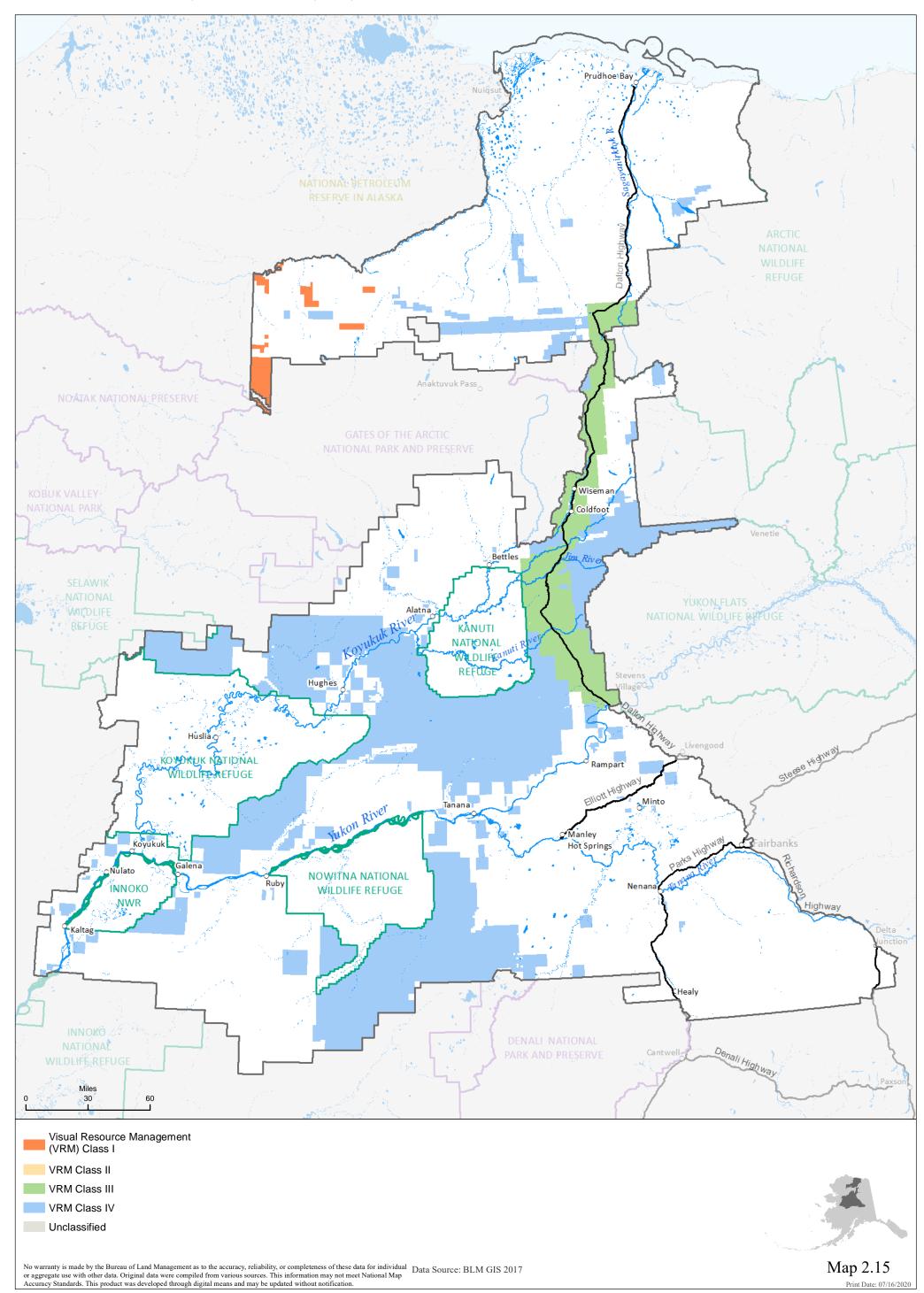


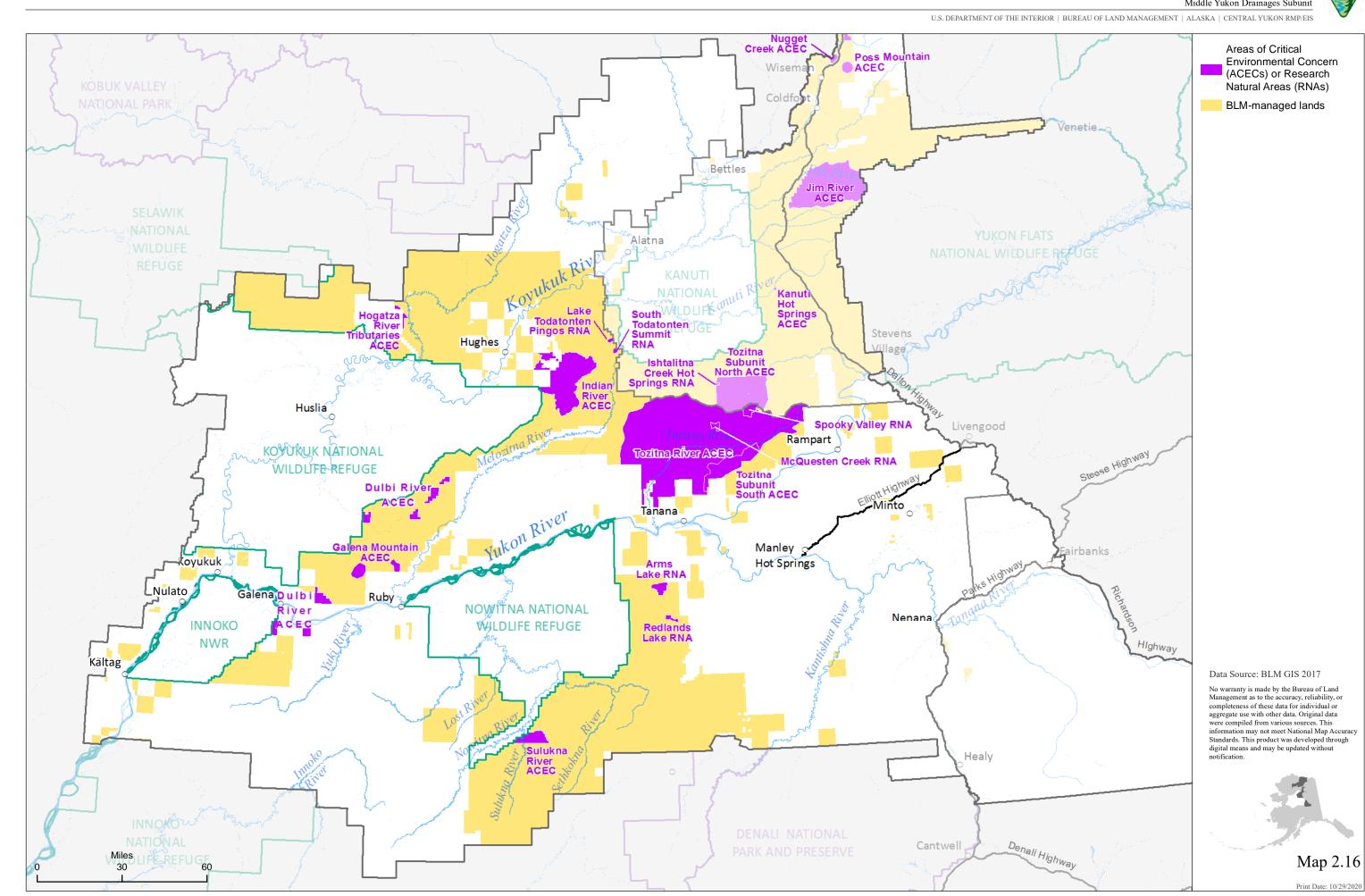
 $\hbox{U.s. DEPARTMENT OF THE INTERIOR} \ | \ \hbox{BUREAU OF LAND MANAGEMENT} \ | \ \hbox{ALASKA} \ | \ \hbox{CENTRAL YUKON RMP/EIS}$ 

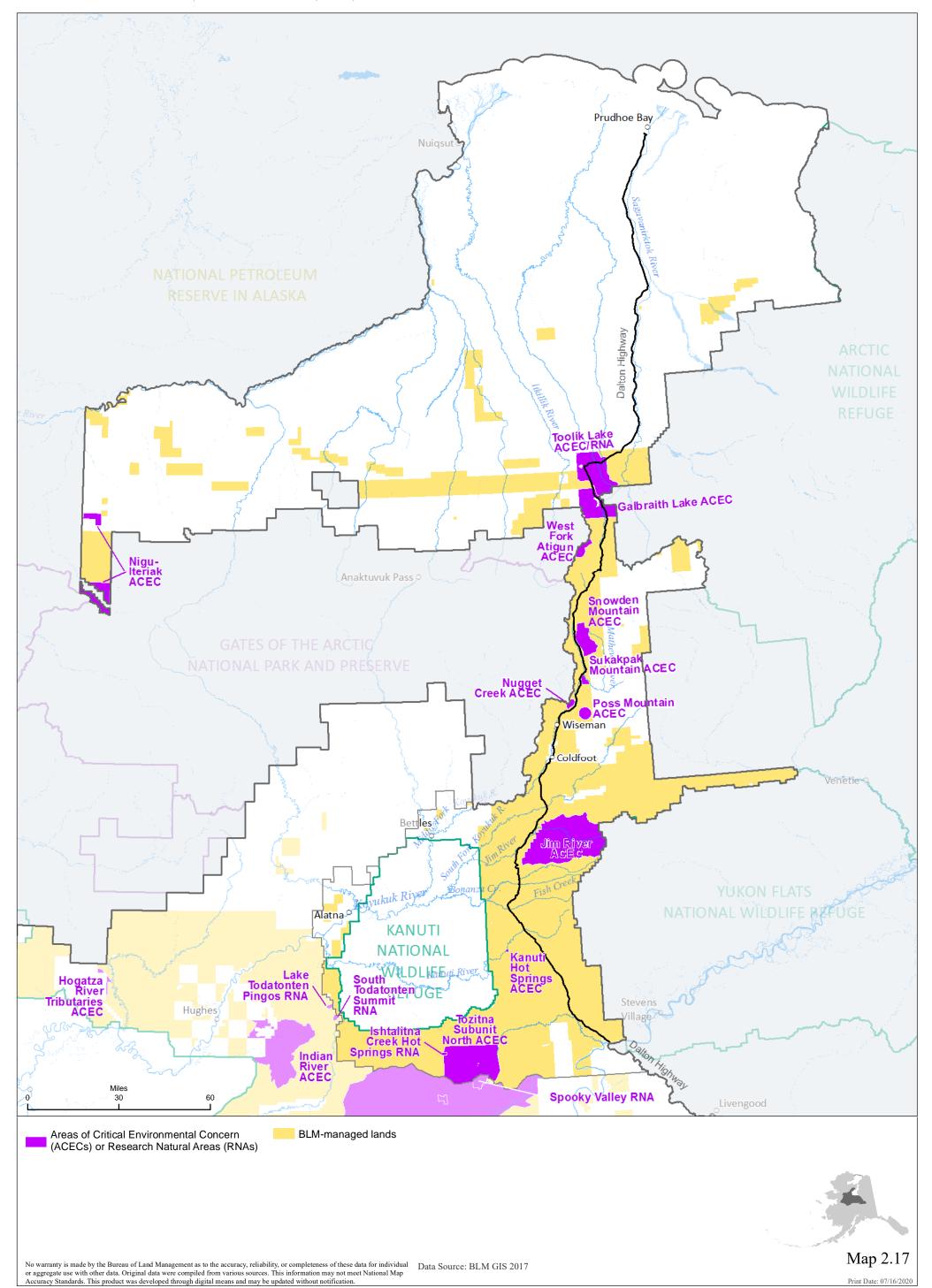


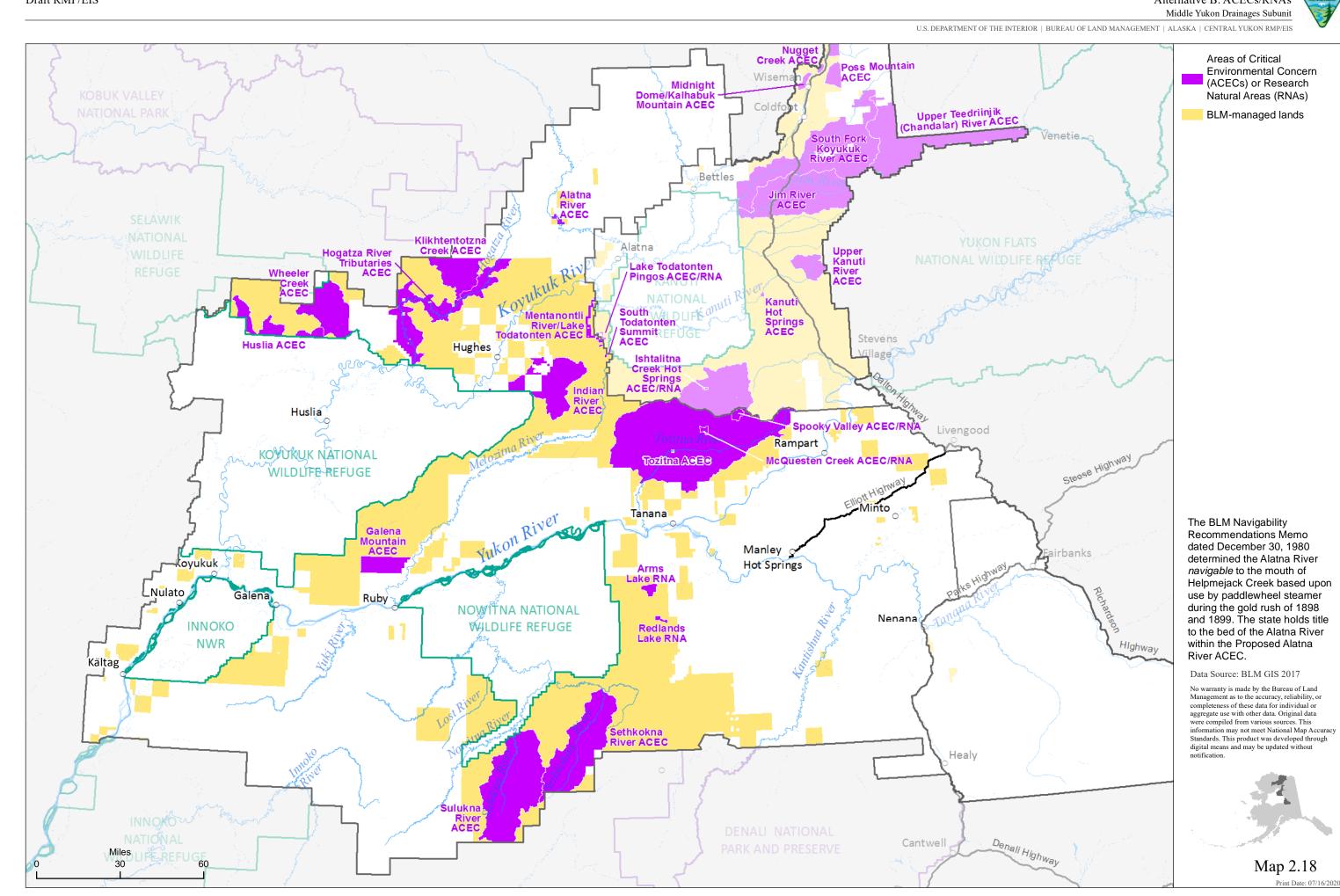


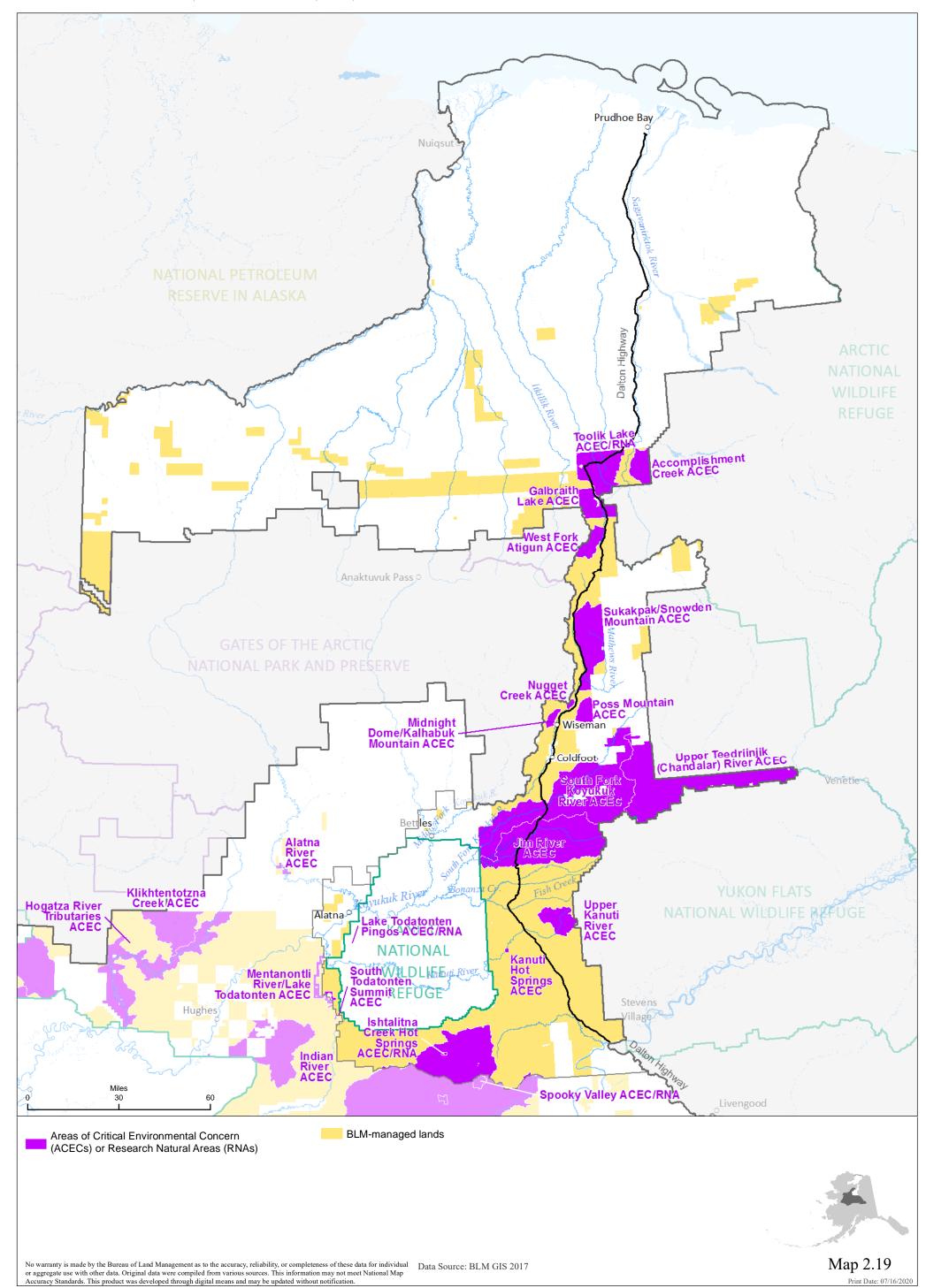
 $\text{U.S. DEPARTMENT OF THE INTERIOR} \ | \ \text{BUREAU OF LAND MANAGEMENT} \ | \ \text{ALASKA} \ | \ \text{CENTRAL YUKON RMP/EIS}$ 

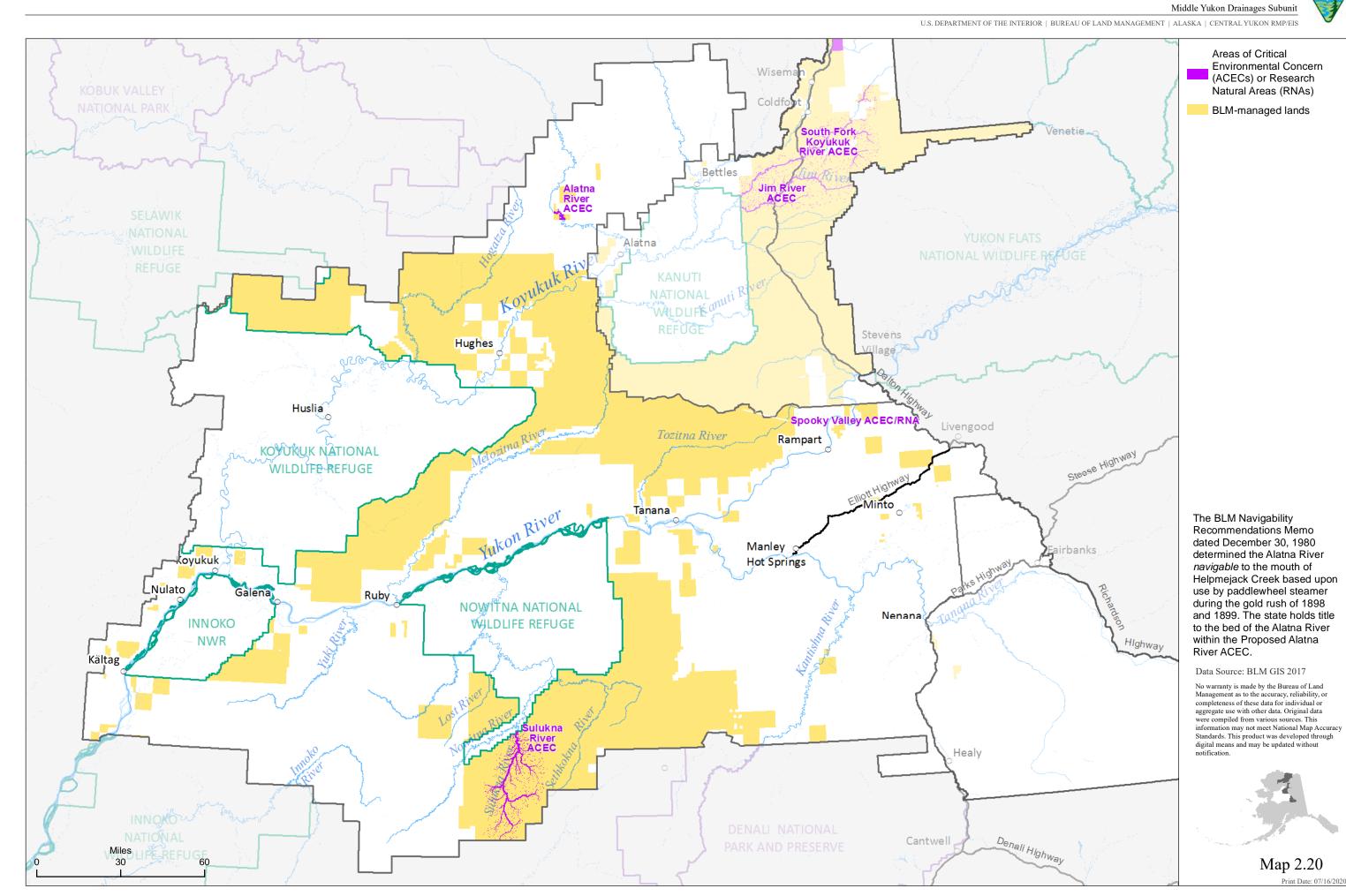


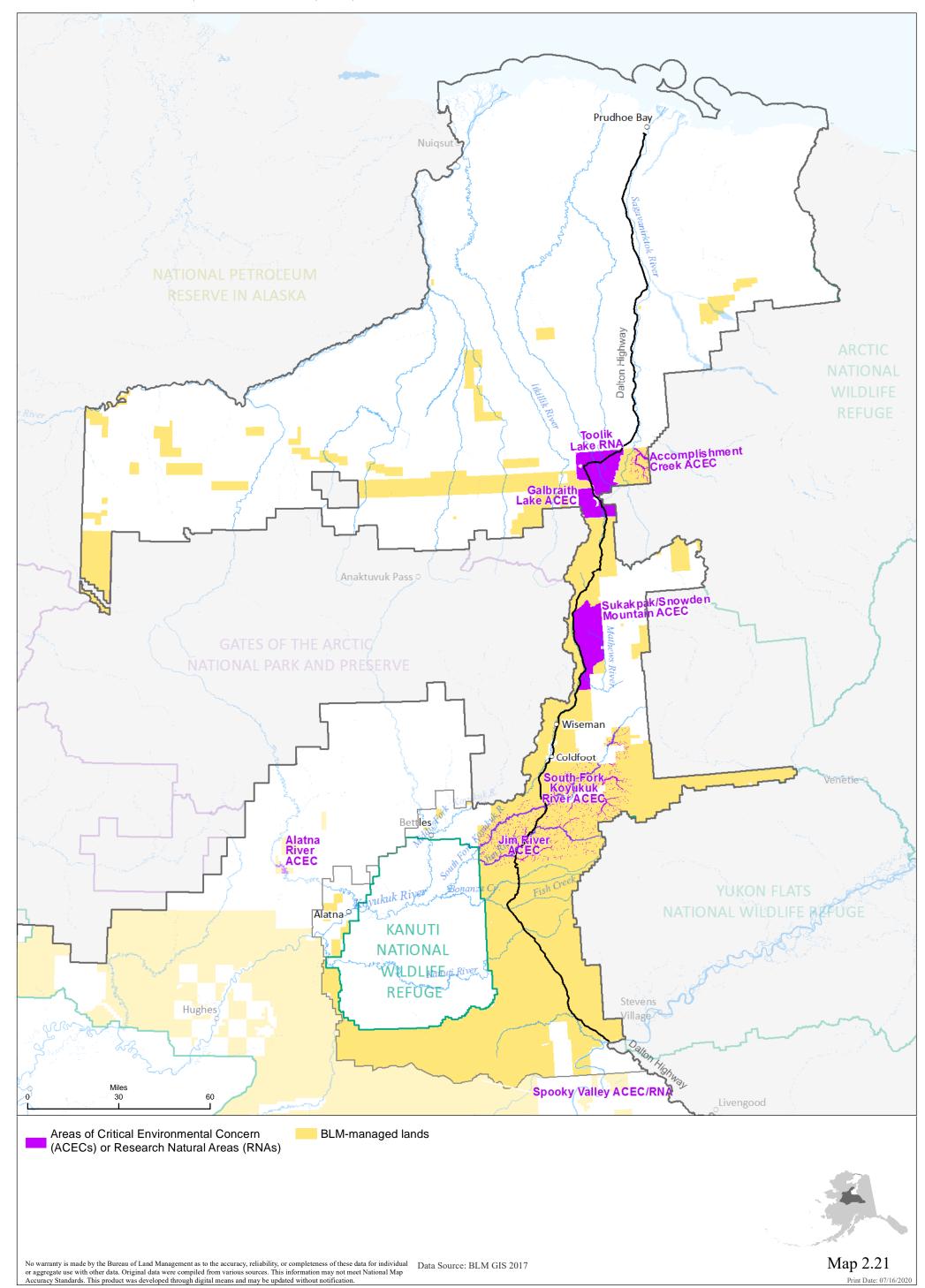


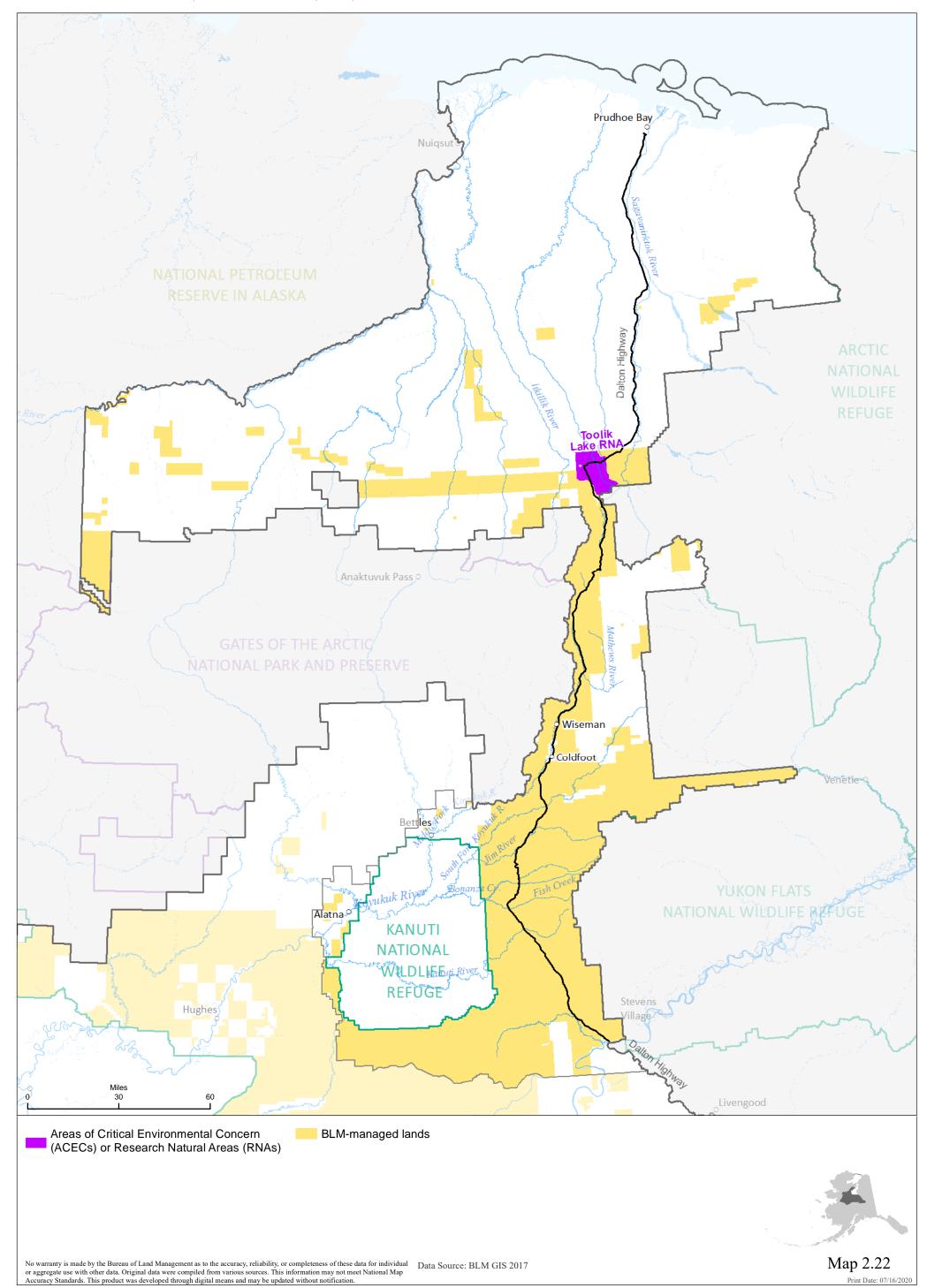




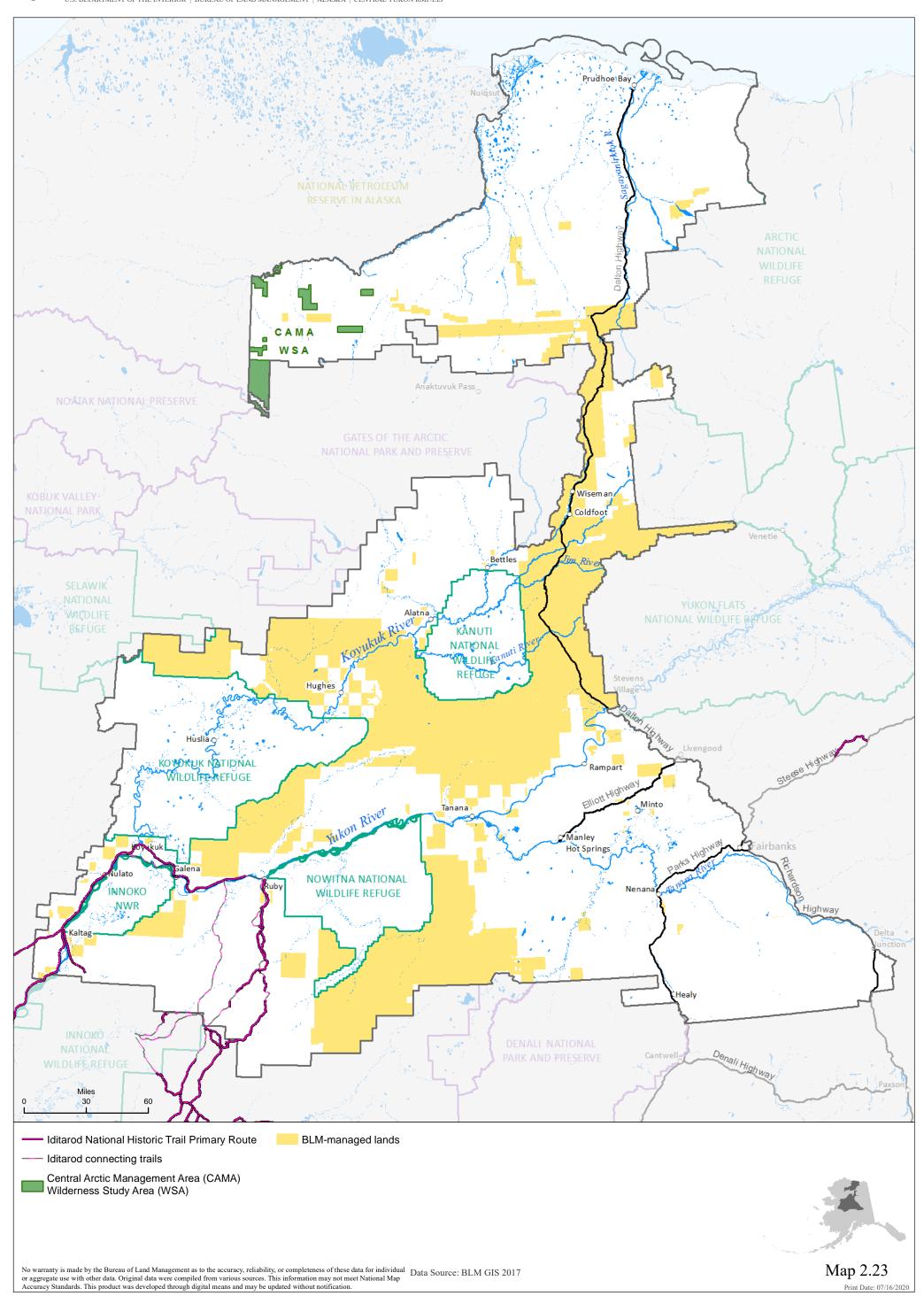


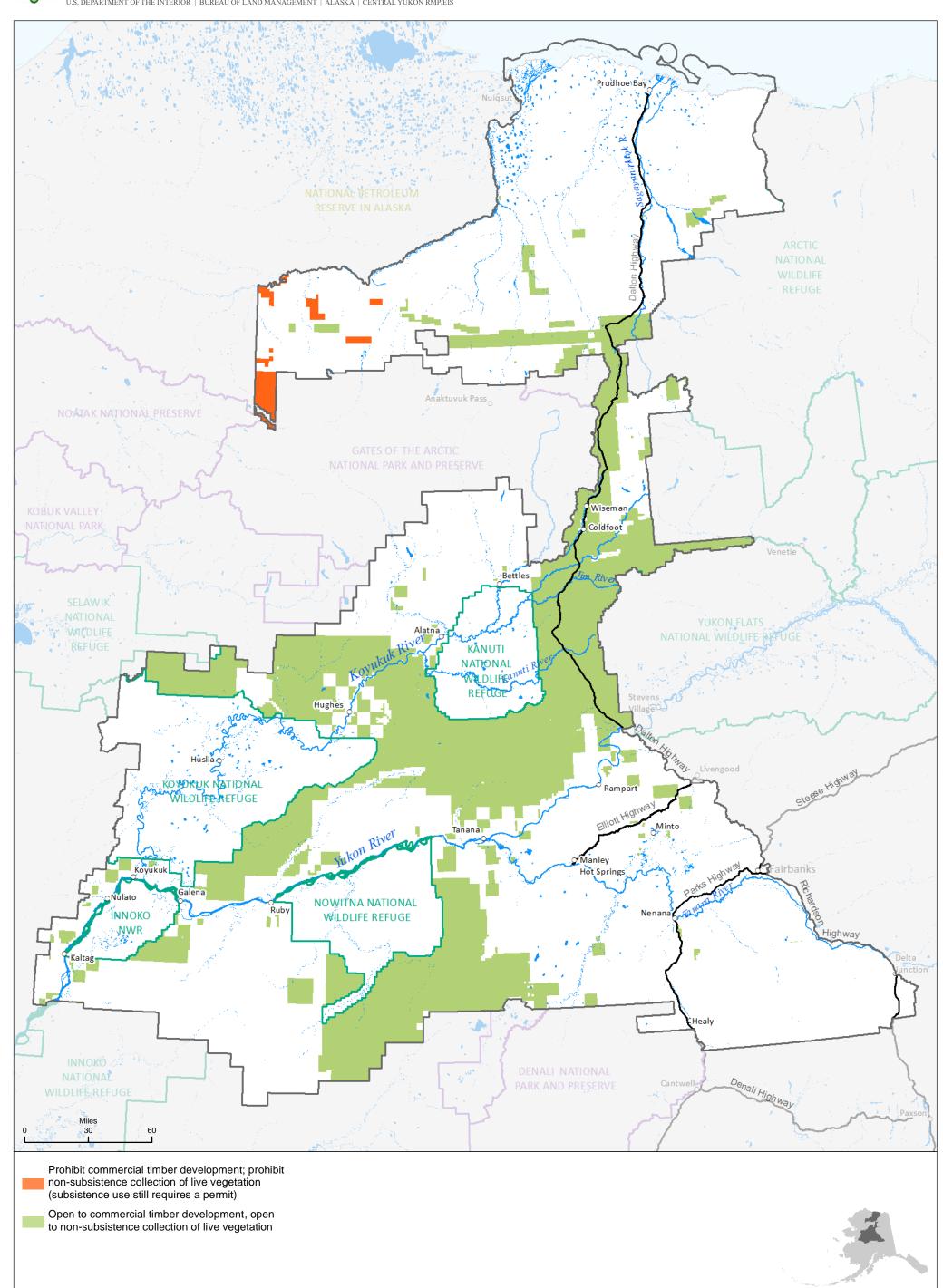


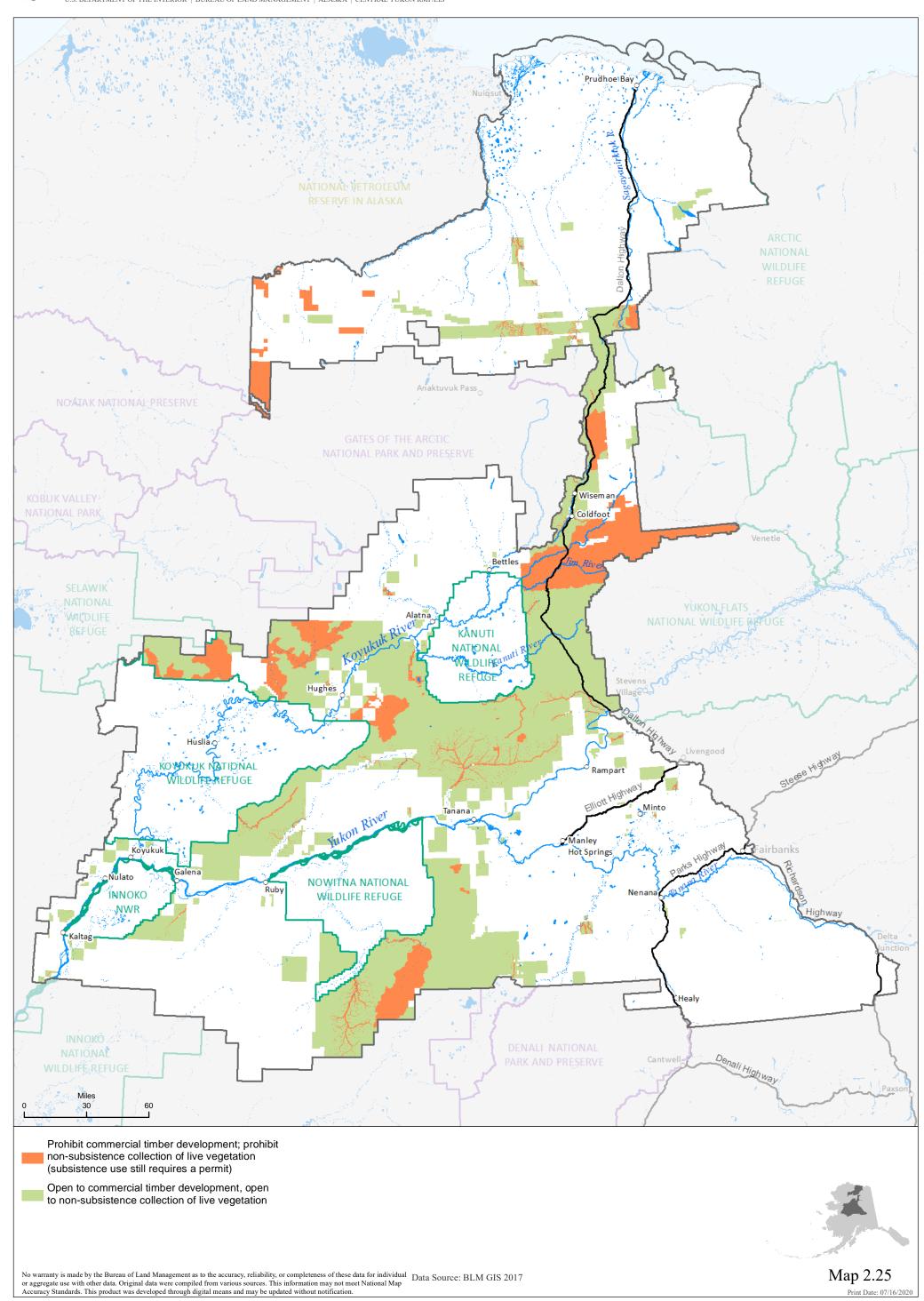


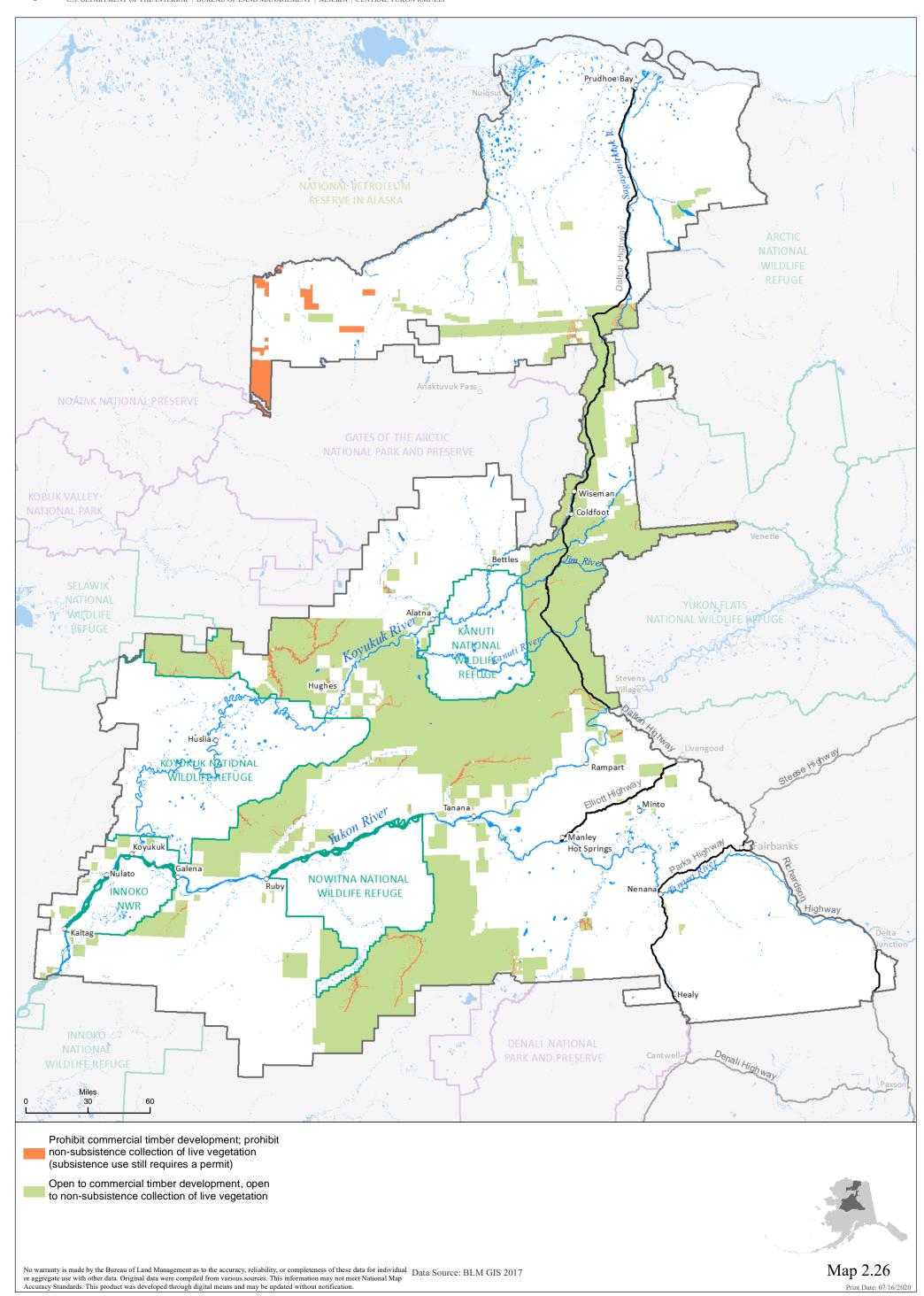


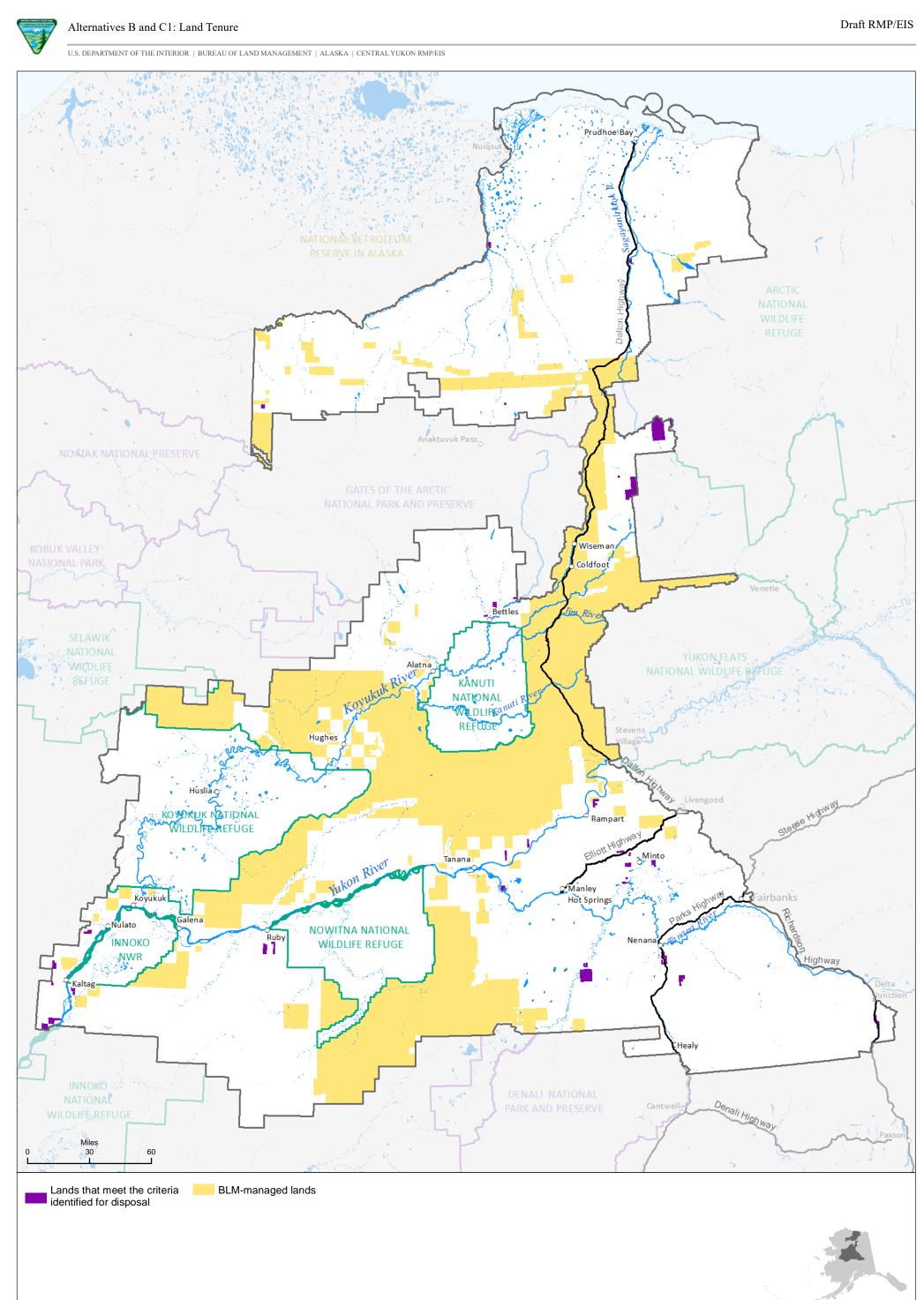


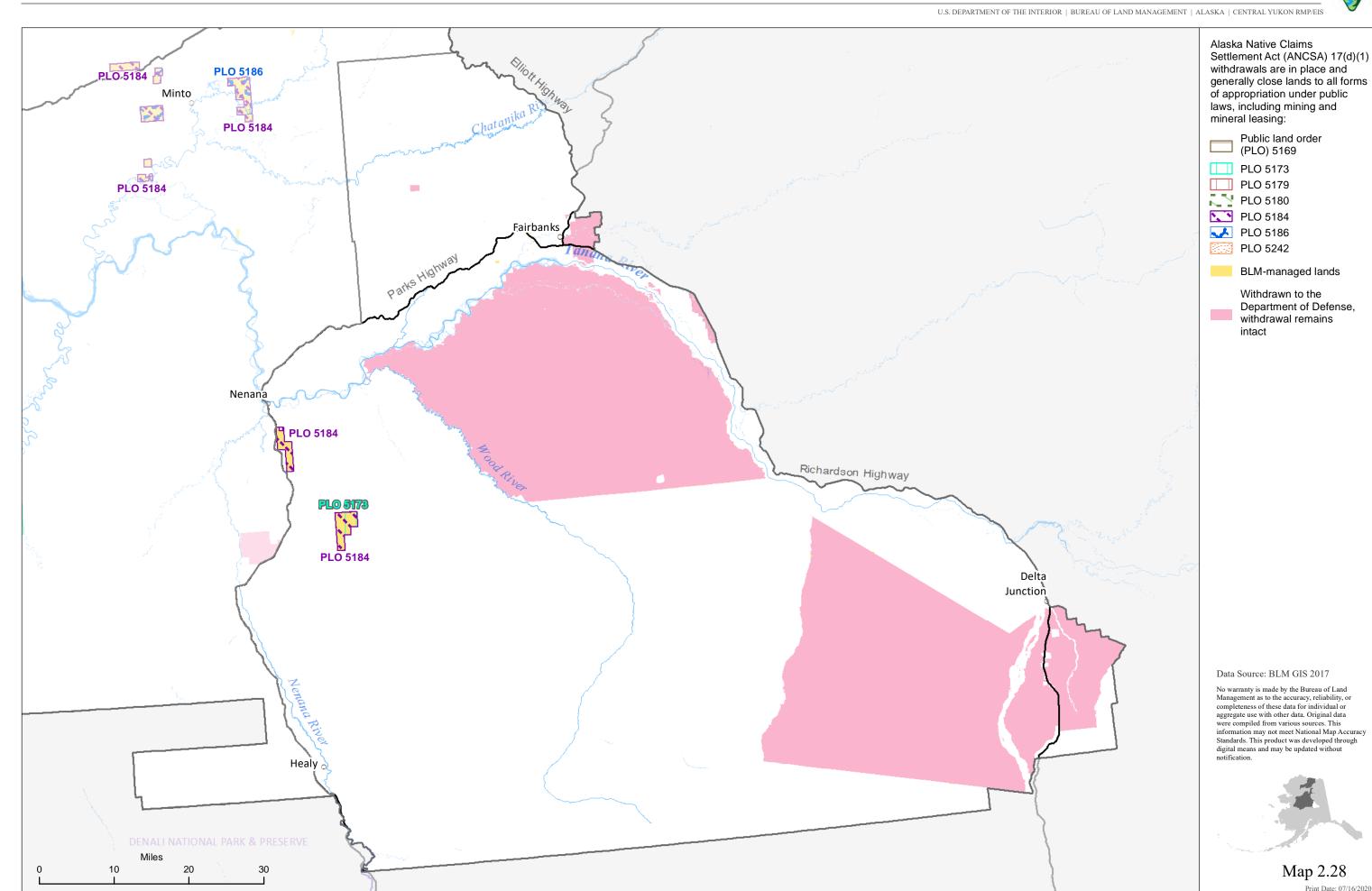


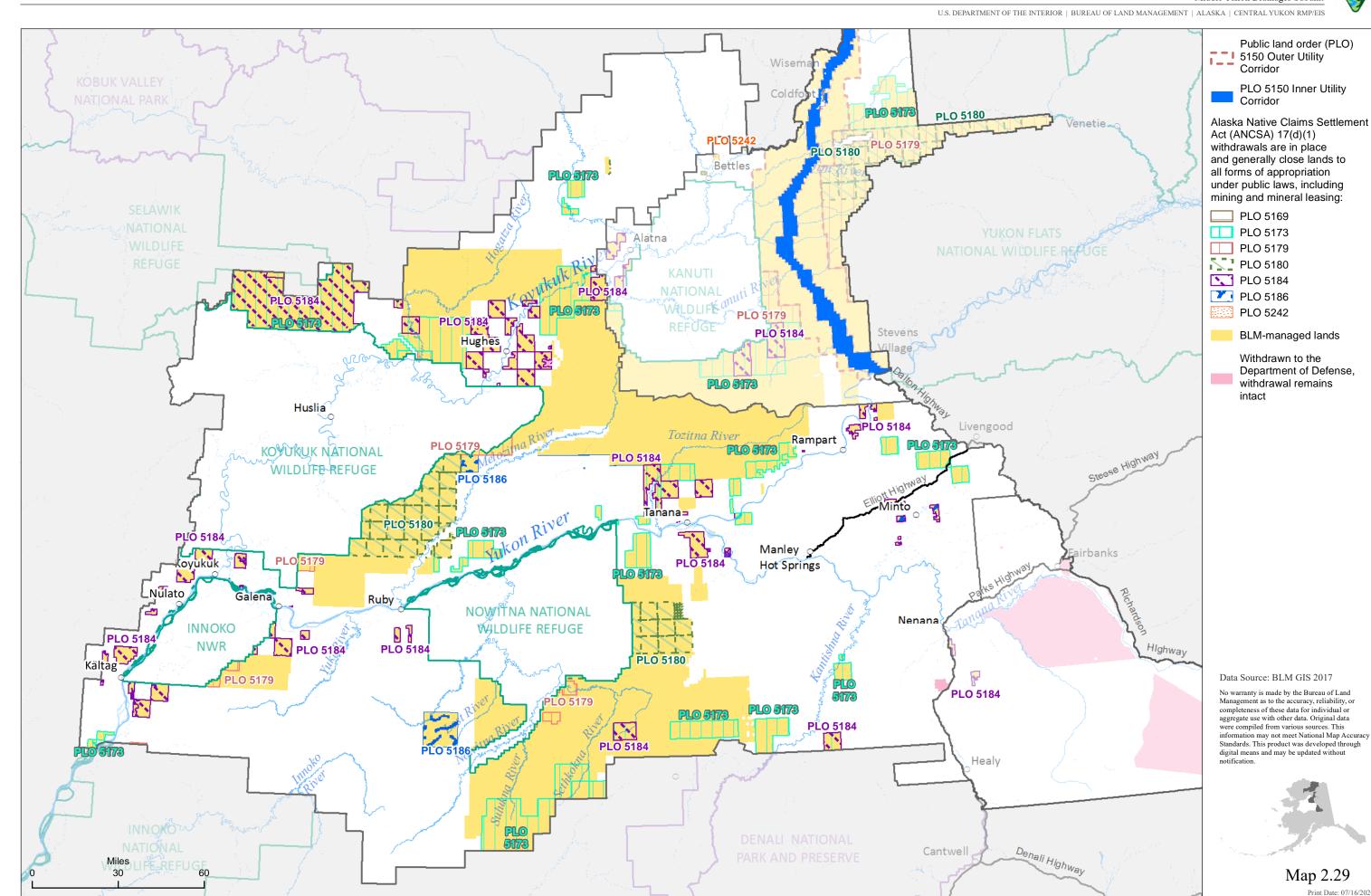


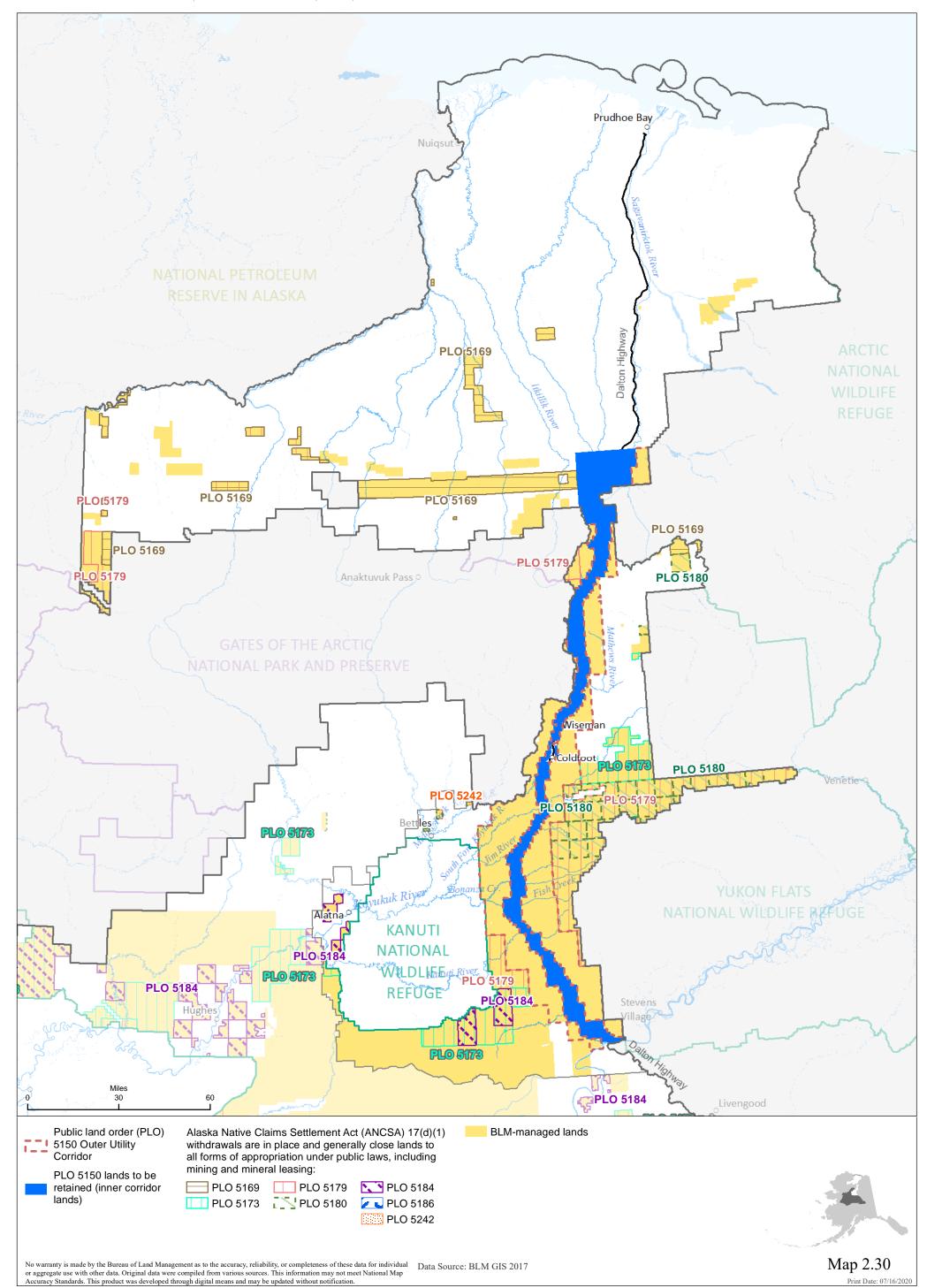


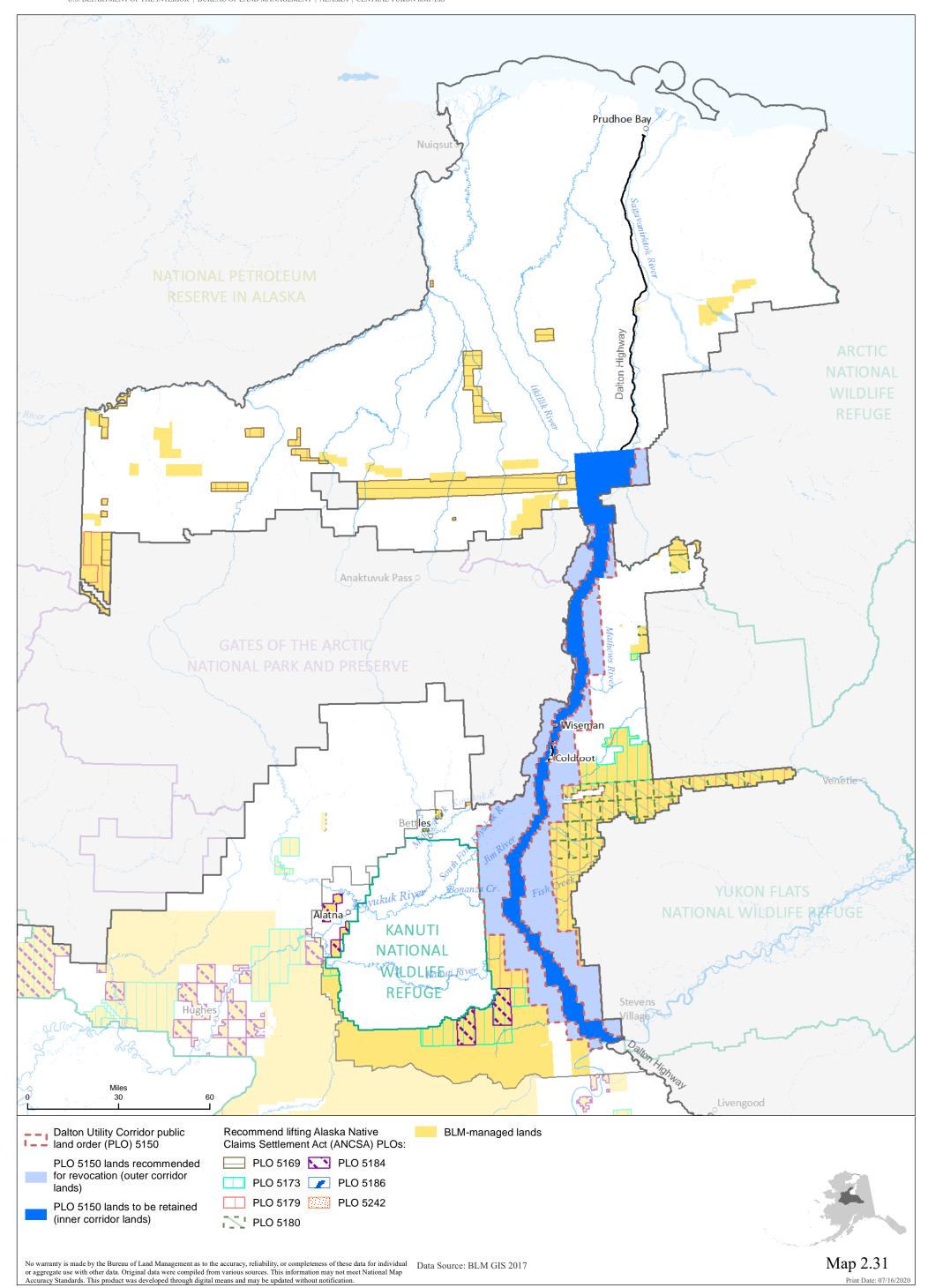


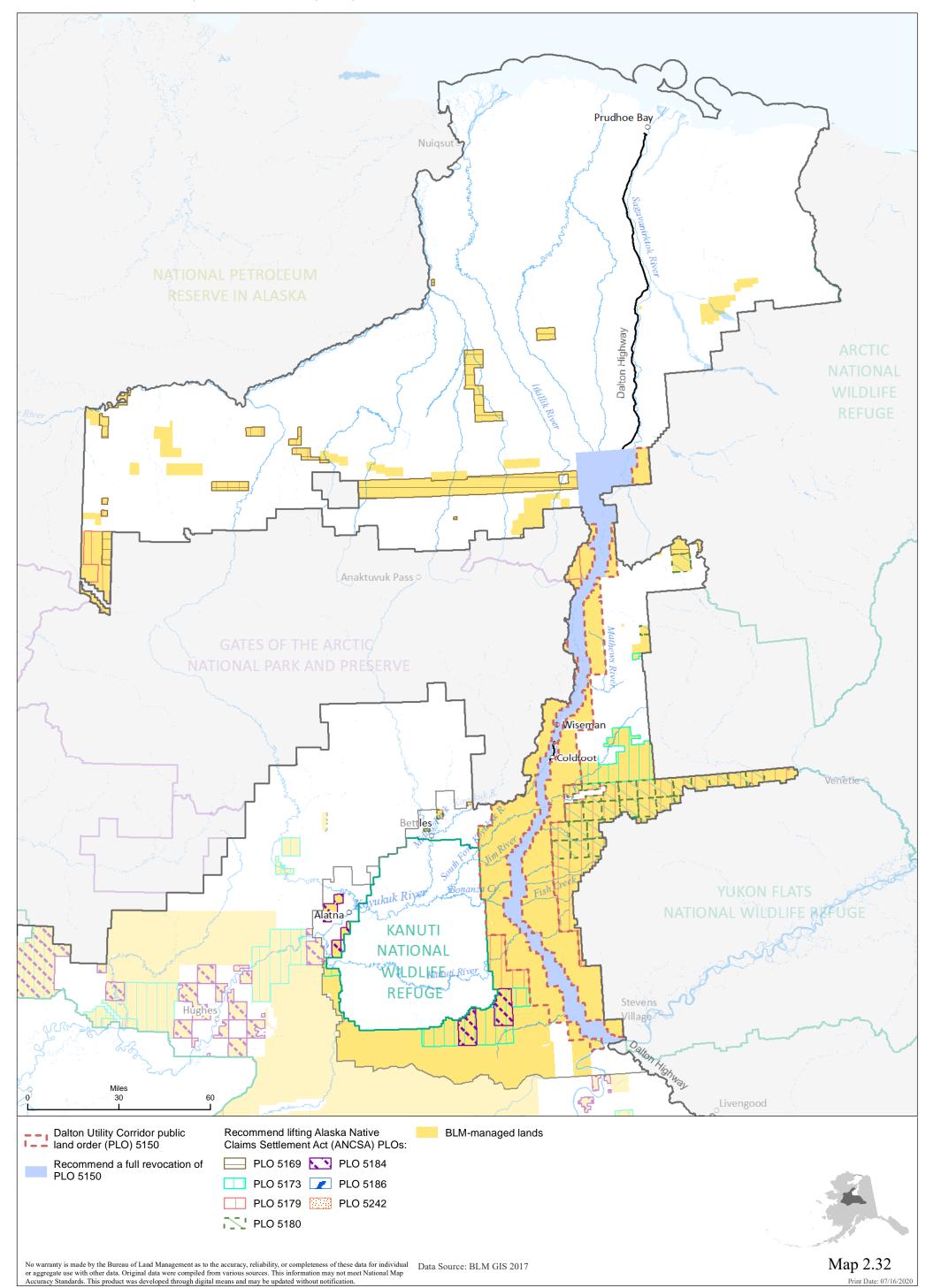




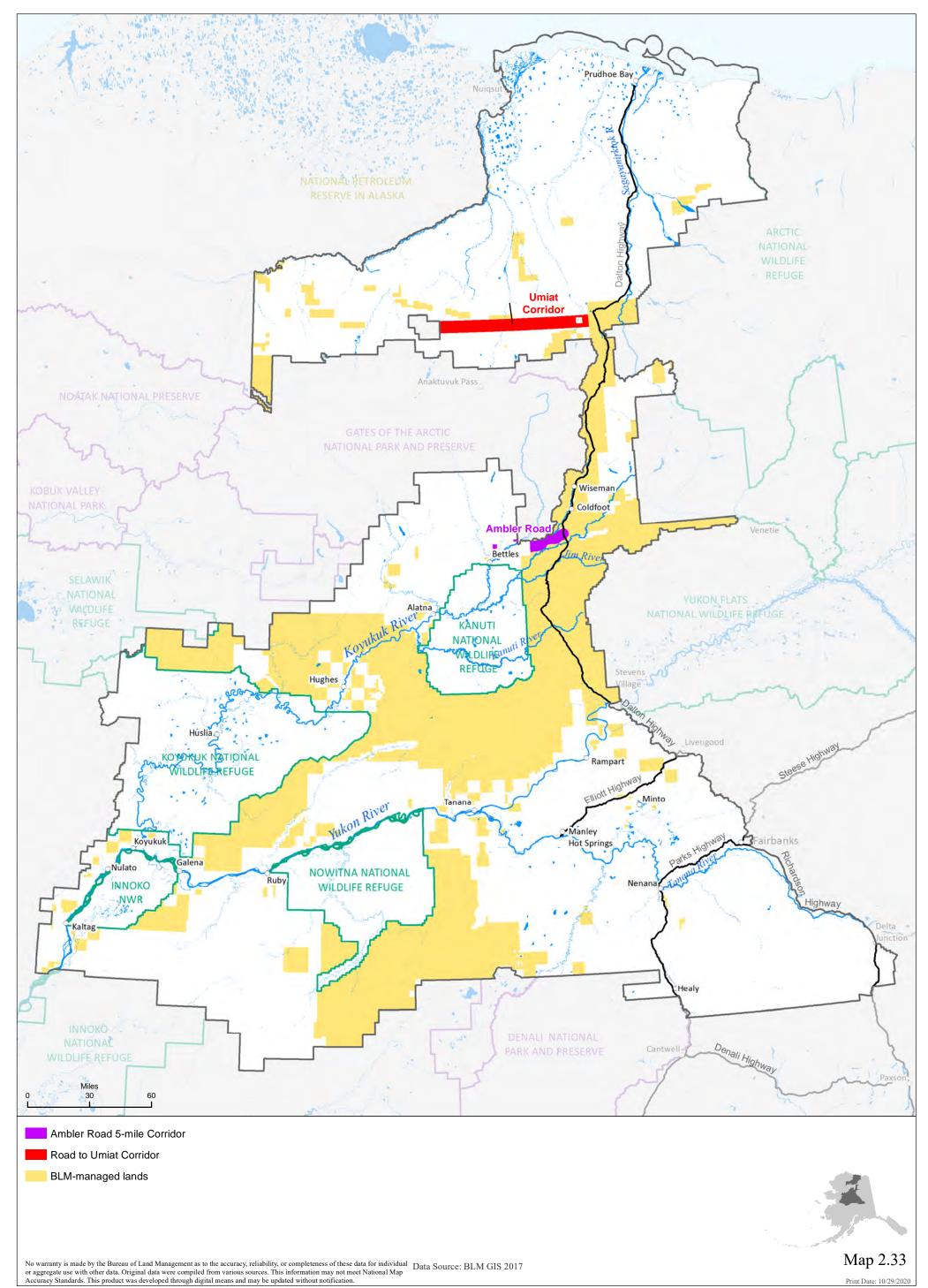


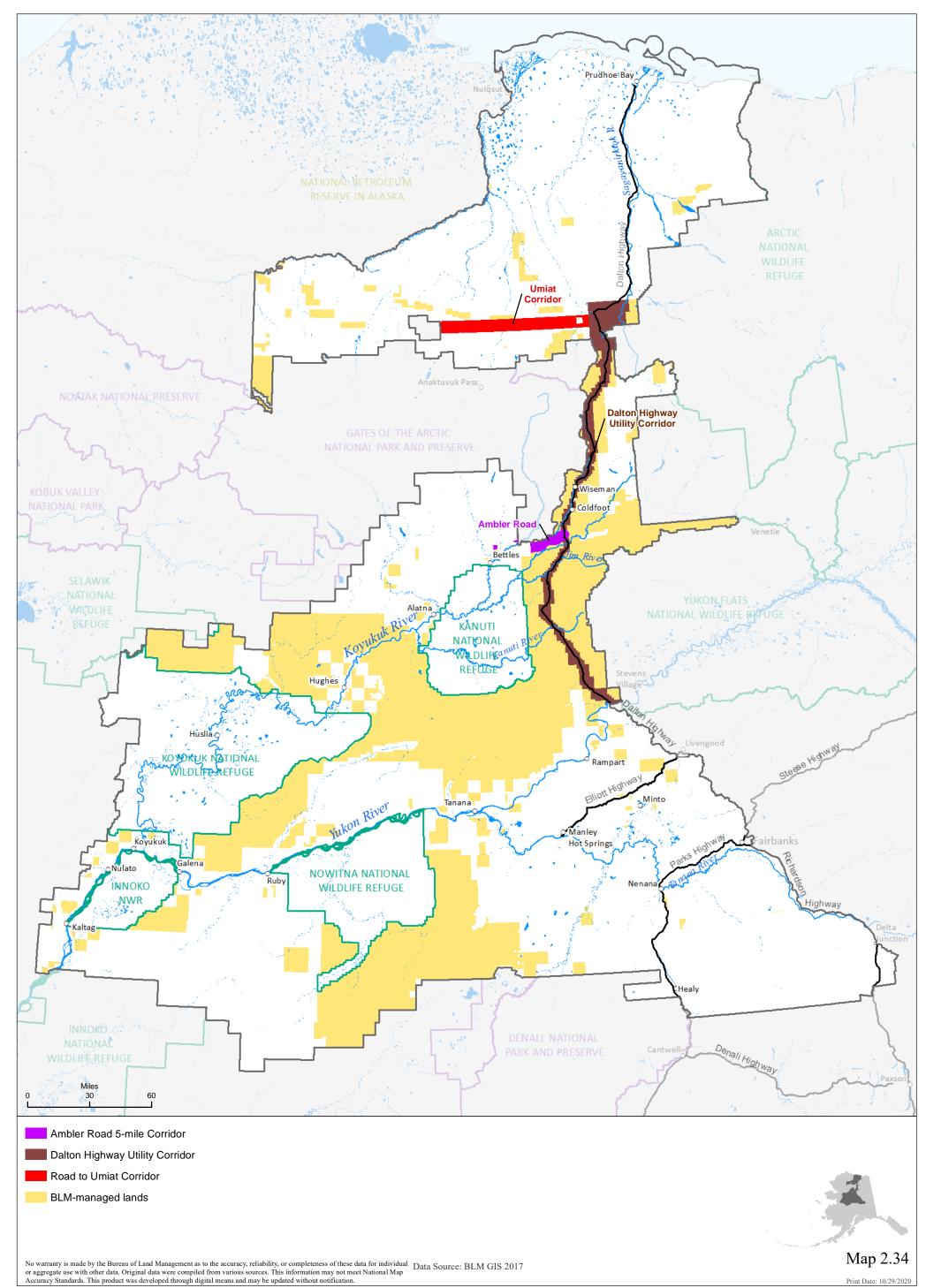


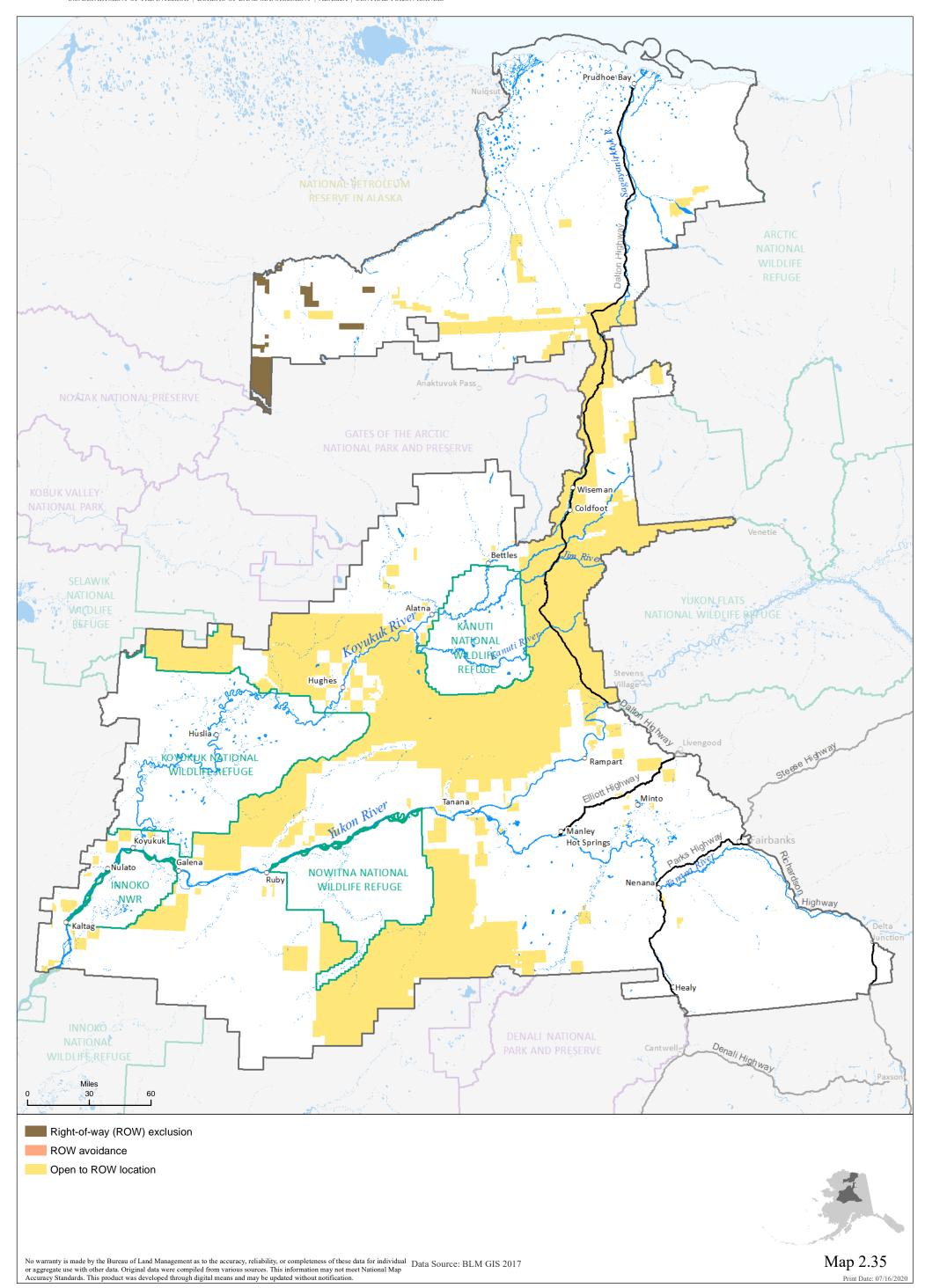


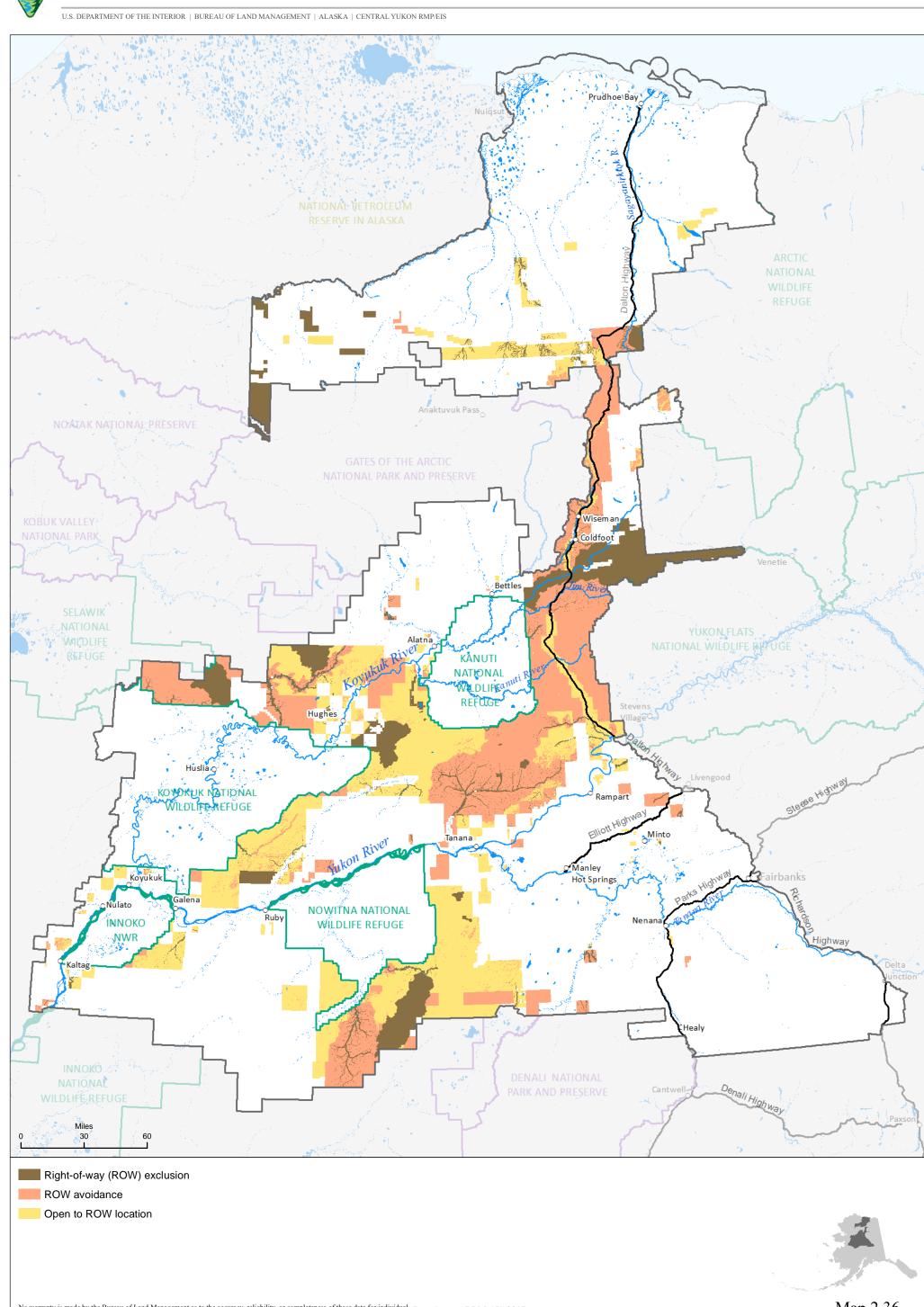


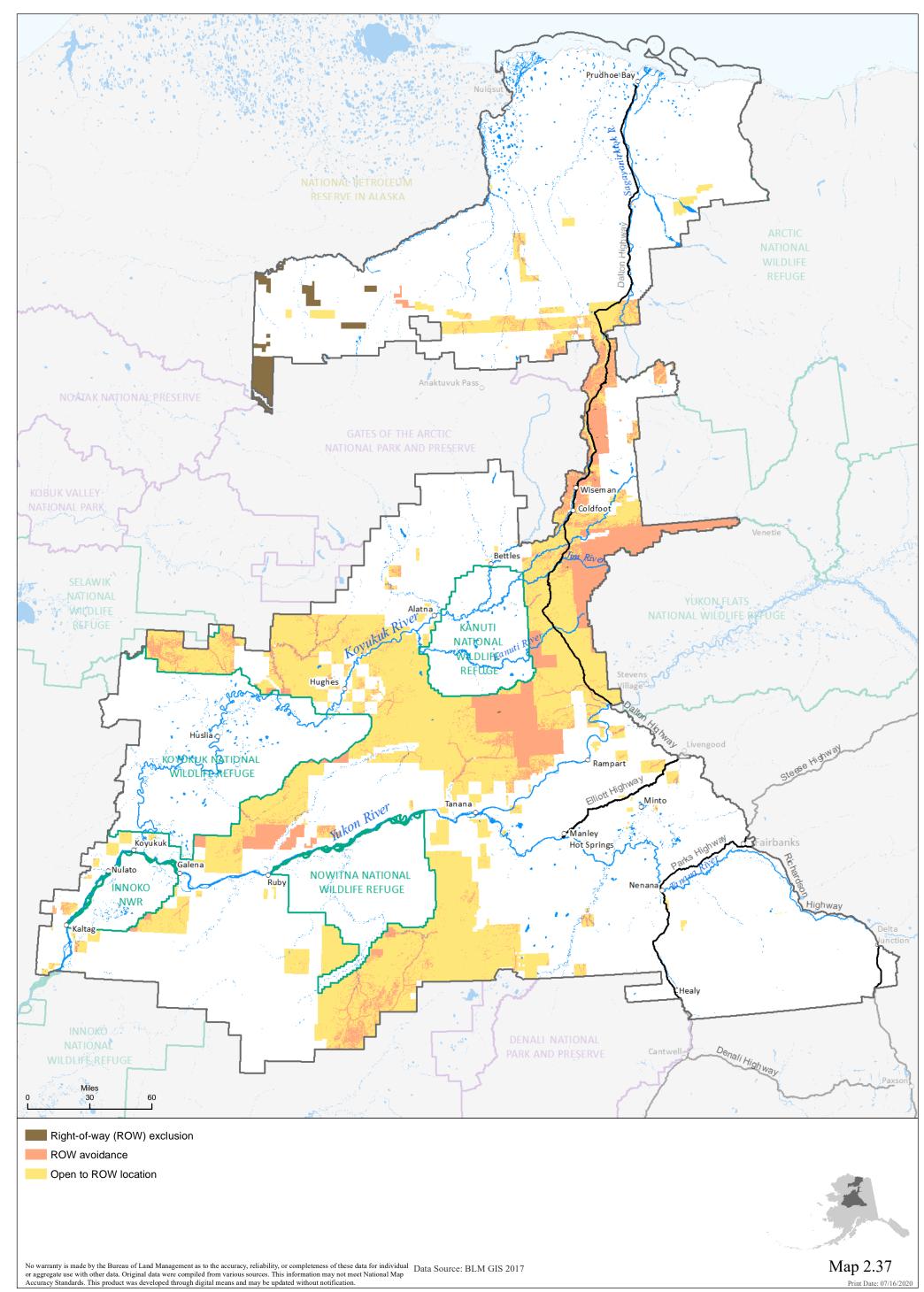


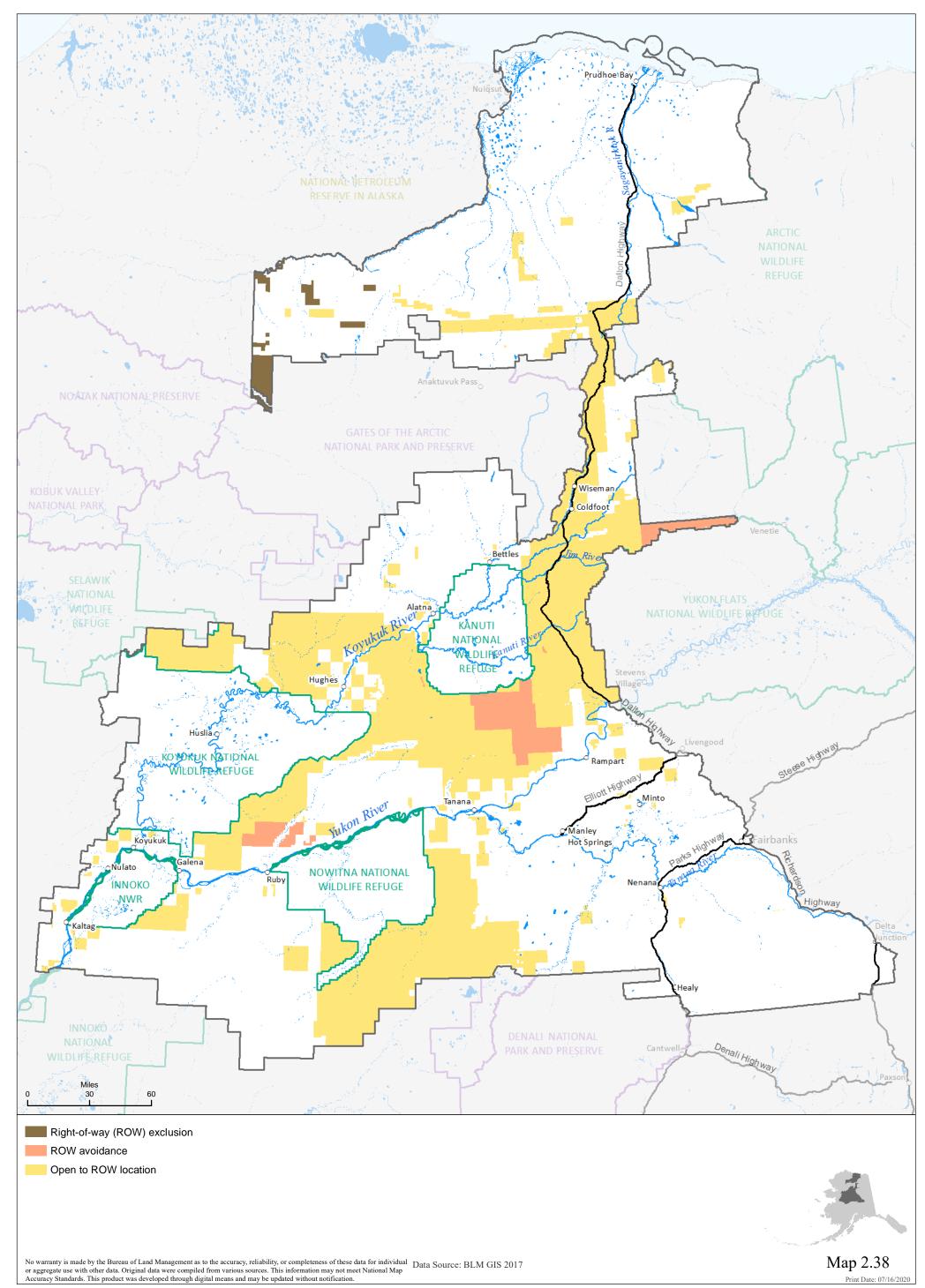


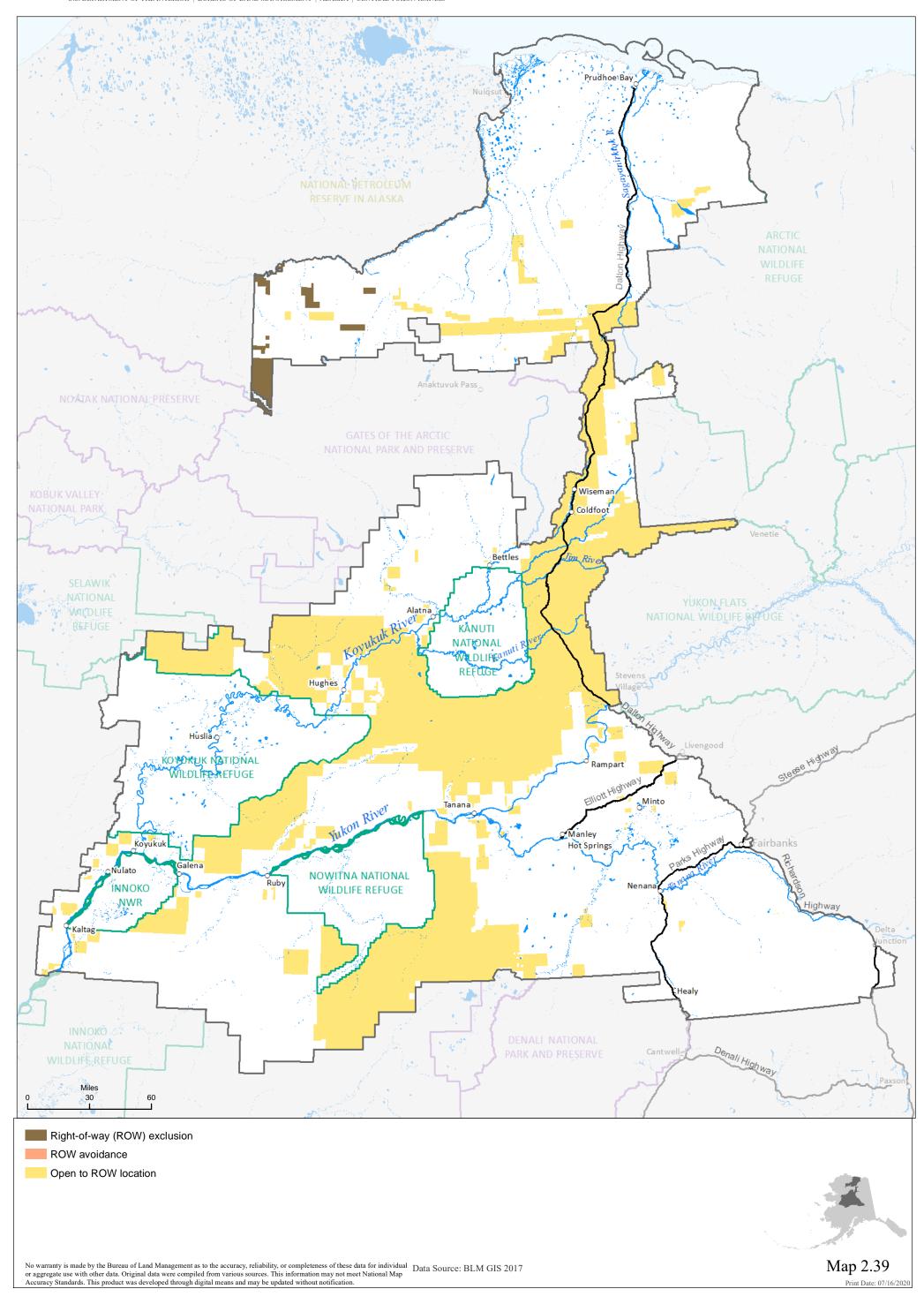




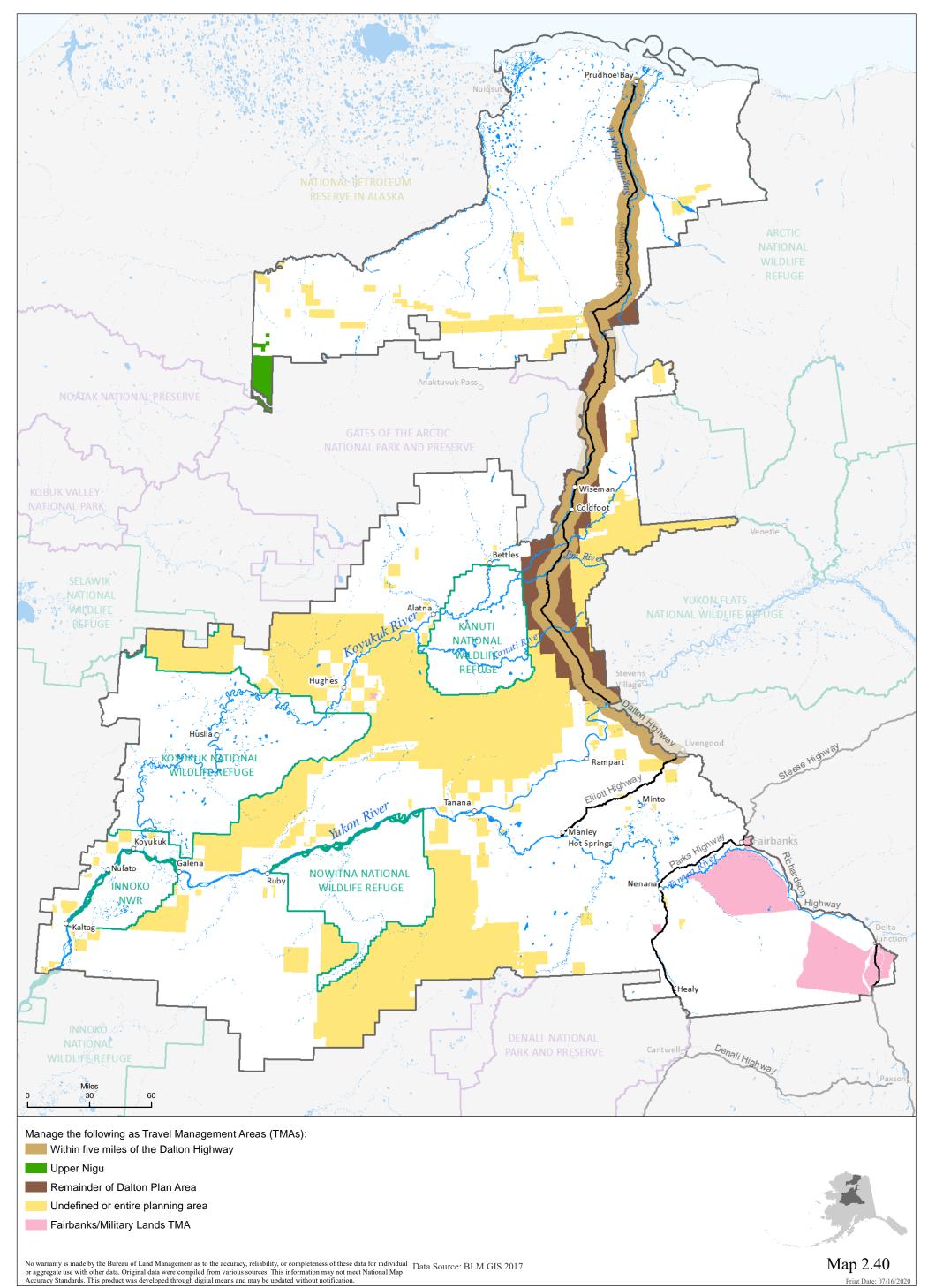




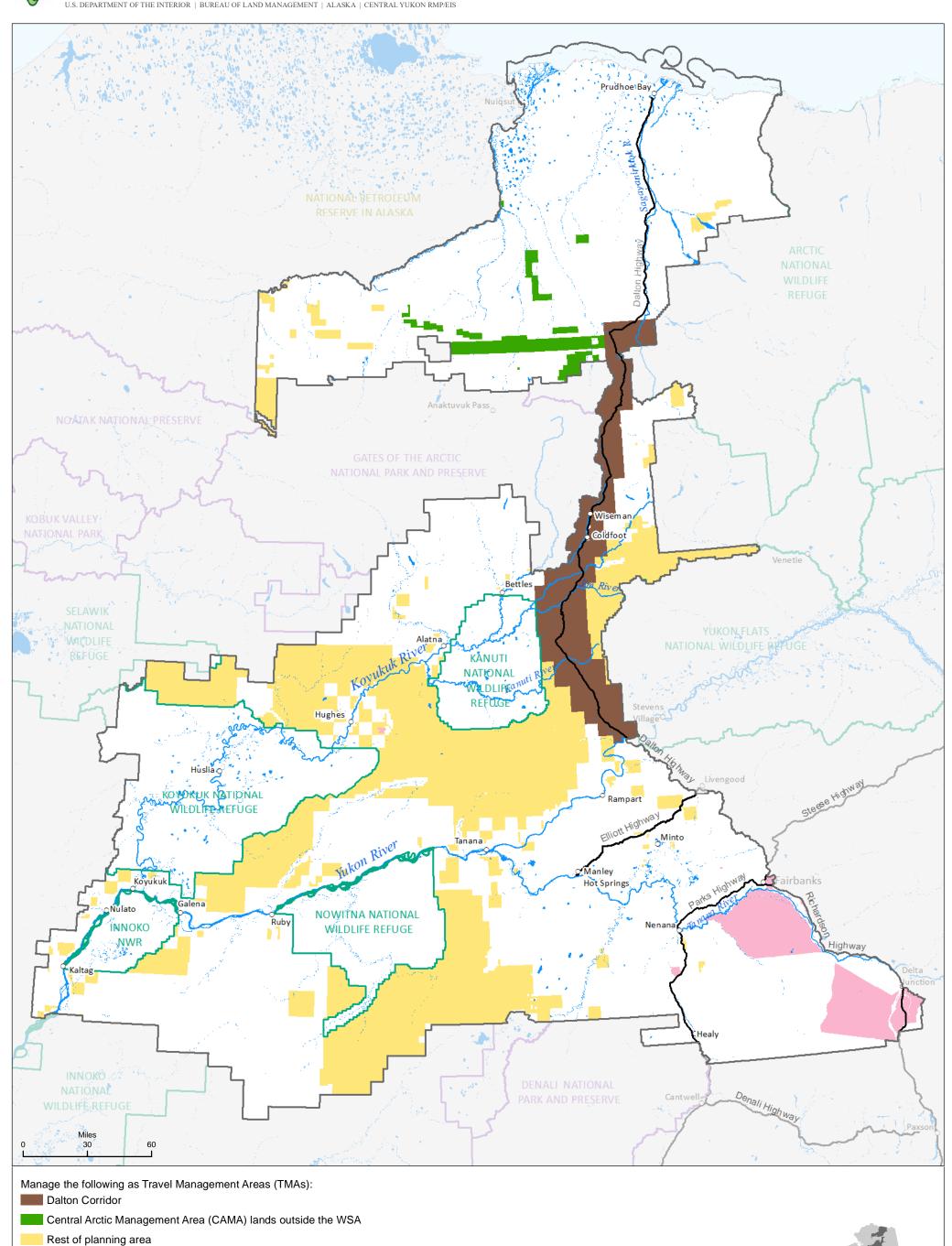












Fairbanks/Military Lands TMA

