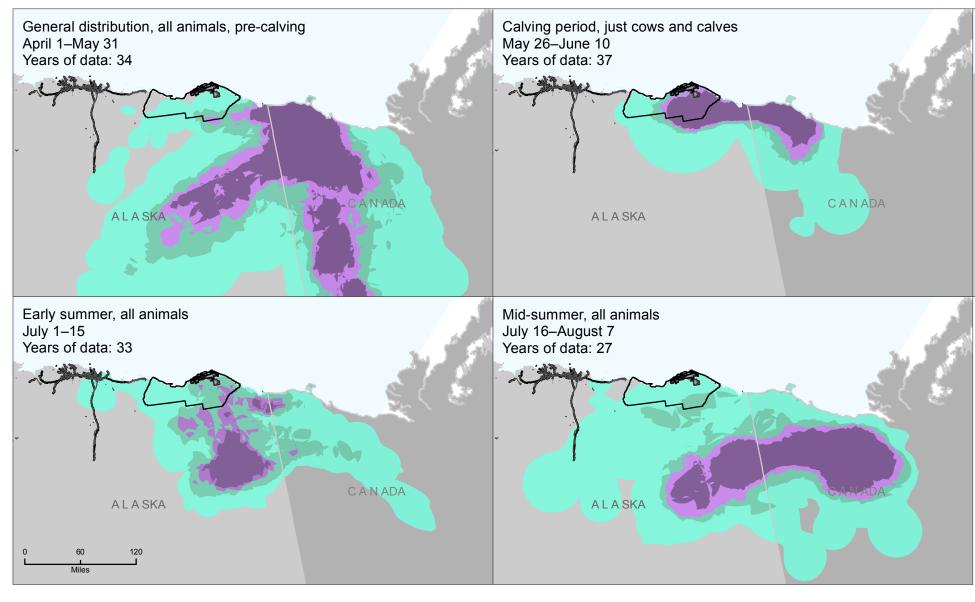
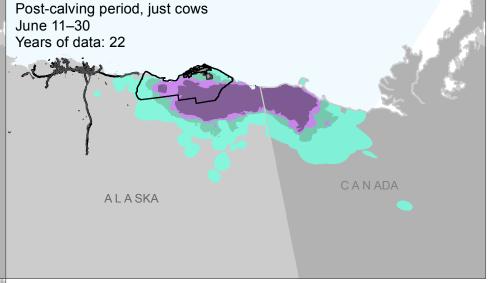
U.S. DEPARTMENT OF THE INTERIOR | BUREAU OF LAND MANAGEMENT | ALASKA | COASTAL PLAIN OIL AND GAS LEASING PROGRAM FINAL EIS







Environment Yukon used data from radio collars deployed on caribou from the Porcupine Caribou Herd to calculate the area used by caribou in each season for every year with a minimum of 30 caribou locations using Kernel Density Estimation. The resulting annual distributions were then used to calculate the percentage of years an area was used during each season. Calculations were based on the 95% contour from kernel density estimates (e.g., an area estimated to contain approximately 95% of the caribou) calculated using Geospatial Modelling Environment software. The plug-in bandwidth estimator was used when sample size was ≥50 and the likelihood cross-validation bandwidth estimator was used when sample size was <50.

Percent of years that caribou are present

<20%

20–30%

30–40%

≥40%

Existing oil and gas roads or pipelines

Public Law 115-97
Coastal Plain

Excluded from Public Law 115-97 Coastal

Plain or outside the BLM's oil and gas leasing authority



No warranty is made by the Bureau of Land Management as to the accuracy, reliability, or completeness of these data for individual or aggregate use with other data. Original data were compiled from various sources. This information may not meet National Map Accuracy Standards. This product was developed through divid means and may be undated without notification.

Data Source: BLM GIS 2018, Environment Yukon GIS 2018 Print Date: 08/28/2019

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