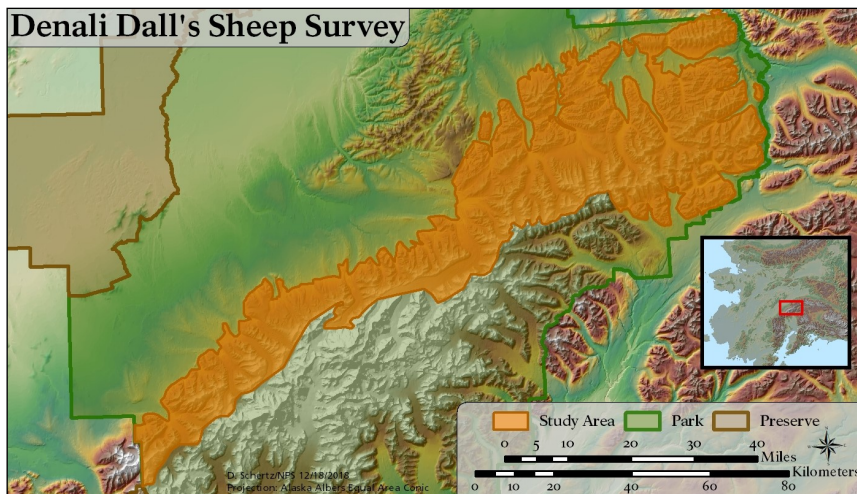




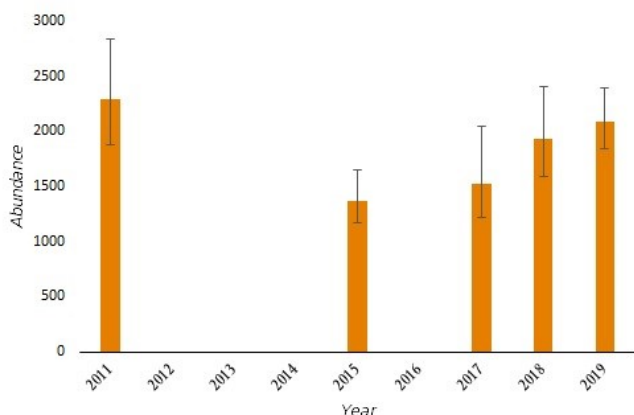
Dall's Sheep – 2019 Survey Summary

Denali National Park

The National Park Service conducted an aerial survey for Dall's sheep in Denali National Park between July 29th and 31st (with two additional days on August 21st and 22nd), 2019. This survey area includes portions of game management units (GMU) 13E, 19C, and 20C. The survey method uses distance sampling following transects based on elevation contours to estimate the total population.



2019 Study Area surveyed for Dall's sheep in Denali National Park (Above).



This survey was conducted using a single aircraft based out of the Denali park strip. All 95 transects were completed in approximately 32 hours of flight time. This data covers a study area on the north side of the Alaska range (see map upper right).

Estimates: The provisional estimates for total sheep are 2092 (95% Bayesian Credible Interval: 1845 - 2397). Based on the previous estimates it appears the population suffered a decline since 2011 and has started to recover. The lamb to ewe-like ratio is above average. For the full estimate breakdowns see the table (below).

Provisional 2019 Dall's Sheep Estimates for the study area within Denali National Park, Alaska (Below).

	Denali	
	Mean	95% BCI*
Total sheep	2092	(1845 - 2397)
Adults	1666	(1463 - 1917)
Lambs	426	(351 - 532)
Lambs:Ewe-like	0.40	(0.32 - 0.49)

* 95% BCI = 95% Bayesian Credible Intervals

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