

**FEDERAL AID  
FINAL PERFORMANCE REPORT**

ALASKA DEPARTMENT OF FISH AND GAME  
DIVISION OF WILDLIFE CONSERVATION  
PO Box 25526  
Juneau, AK 99802-5526

**DALL SHEEP  
SURVEY AND INVENTORY**

**STATE:** Alaska

**GRANT AND SEGMENT NR.:** W-33-5

**PROJECT NR.:** 6.0

**PERIOD:** 1 July 2006 – 30 June 2007

**PROJECT LOCATION:** Statewide

**PROJECT TITLE:** The Status of Alaska Dall Sheep and Factors Influencing Their Populations

**REPORT DESCRIPTION:** This performance report describes Dall sheep survey and inventory activities. Region-wide activities are listed before specific activities by mountain range or use area.

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**The Status of Dall Sheep  
and Factors Influencing Their Populations in Region II**

**Region-wide Activities**

**ACTIVITY 1:** Monitor the sheep harvest through field observations, hunter harvest reports and contact with hunters.

*Units 7 & 15:* The preliminary 2006/07 harvest for the general season was 13 rams. The preliminary 2006/07 harvest for the permit hunts was one ram (DS150 Round Mountain). No sheep were taken in either of the Crescent Mountain hunts, DS150 and DS154.

**ACTIVITY 2:** Collect data from sheep presented for sealing by hunters.

Sheep horns were measured and information verified for harvest reports from all rams and some ewes taken in South-central Alaska. Data will be reported in management reports.

**Submitted by:** Gino DeFrate, Region II Management Coordinator

## **The Status of Dall Sheep and Factors Influencing Their Populations in Region III**

### **Region-wide Activities**

ACTIVITY 1: Monitor the harvest through hunter contacts and harvest or permit reports and analyze harvest data.

Monitored harvest of 480 sheep through hunter contacts and harvest or permit reports and analyzed harvest data.

ACTIVITY 2: Provide Dall sheep management information to State and Federal regulatory processes.

Provided information to State fish and game advisory committees and Federal regional advisory councils.

### **Activities by Mountain Range or Use Area**

#### **Tok Management Area (TMA)**

ACTIVITY 1: Conduct aerial composition surveys to monitor population trends.

Composited 1049 sheep during an aerial survey in the TMA, finding 36 lambs and 41 rams:100 ewes.

#### **Tanana Hills**

ACTIVITY 1: Conduct an aerial survey to estimate initial productivity and lamb survival.

No surveys were conducted due to lack of funding.

#### **Eastern Brooks Range**

ACTIVITY 1: Conduct aerial surveys in western Unit 25A.

Conducted aerial surveys in western Unit 25A. A total of 1310 sheep were observed (25% lambs, 3.6% legal rams).

**Submitted by:** Roy A. Nowlin, Region III Management Coordinator

## **The Status of Dall Sheep and Factors Influencing Their Populations in Region V**

### **Regionwide Activities**

ACTIVITY 1: Provide information to State and Federal regulatory processes on Dall sheep management.

Area management staff reviewed State and Federal regulatory proposals, attended regulatory process meetings, and presented Dall sheep information to the State Board of Game, State Fish and Game Advisory Committees, Federal Subsistence Board, and Federal Subsistence Regional Advisory Councils.

### **Mountain Range or Use Area Activities**

#### **Baird Mountains**

ACTIVITY 1: Assist NPS with aerial surveys in established count areas as needed.

Department staff were unable to participate in NPS-lead sheep surveys in the Baird Mountains because of conflicts with a caribou photocensus.

#### **DeLong Mountains**

ACTIVITY 1: Monitor harvests through the harvest ticket system, permit hunts, Community-based Harvest Assessments, public contacts and field observations.

Eleven drawing permits were issued to hunters for the fall 2006 hunting season but 3 hunters did not hunt; 4 rams were taken under this hunt. Four hunters registered to hunt sheep under RS388 and took 1 ram. One hunter hunted under the general season but did not harvest a sheep. No harvest information was available from federal sheep hunts.

ACTIVITY 2: Assist NPS with aerial surveys as needed.

Department staff were unable to participate in NPS-lead sheep surveys in the De Long Mountains because of conflicts with a caribou photocensus.

#### **Schwatka Mountians**

ACTIVITY 1: Monitor harvests through the harvest ticket system, permit hunts, community-based harvest assessments, public contacts and field observations.

No sheep were taken under the registration hunt RS389 or the general hunt. No harvest information was available from federal sheep hunts.

**Submitted by:** Peter Bente, Survey and Inventory Coordinator, Region V