

**FEDERAL AID  
ANNUAL PERFORMANCE REPORT**

ALASKA DEPARTMENT OF FISH AND GAME  
DIVISION OF WILDLIFE CONSERVATION  
PO Box 115526  
Juneau, AK 99811-5526

**Alaska Department of Fish and Game  
State Wildlife Grant**

**Grant Number:** T-21 **Segment Number: 1**  
**Project Number:** 22.0  
**Project Title:** Movements of Alaska's Migratory Golden Eagles  
**Project Duration:** July 1, 2013 – June 30, 2019  
**Report Period:** July 1, 2013 - June 30, 2014  
**Report Due Date:** September 28, 2014  
**Principle Investigator:** Travis Booms, ADF&G  
**Project Location:** Interior, Western, and Northern Alaska (Regions III and V) or as need dictates

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**I. SUMMARY OF WORK COMPLETED ON JOBS FOR LAST SEGMENT PERIOD ONLY**

**Objective 1:** Identify and describe migratory routes, wintering areas, and habitats used by Golden Eagles originating from Alaska.

Accomplishments:

We deployed 15 satellite transmitters on Golden Eagles in March and April 2014 in south-central Alaska. Data from these birds were collected during the reporting period, but it is too early to describe migratory movements because they have not yet migrated. Federal Aid money was spent on field logistics, telemetry equipment, and salary.

**Objective 2:** Ascertain the extent to which Golden Eagle movements overlap with current or proposed energy developments.

Accomplishments:

We deployed 15 satellite transmitters on Golden Eagles in March and April 2014 in south-central Alaska. Data from these birds were collected during the reporting period, but it is too early to assess eagle movement overlap with energy developments. Federal Aid money was spent on field logistics, telemetry equipment, and salary.

**Objective 3:** Describe migration behaviors including timing, altitude, relation to weather, and relation to topography.

Accomplishments:

We deployed 15 satellite transmitters on Golden Eagles in March and April 2014 in south-central Alaska. Data from these birds were collected during the reporting period, but it is too early to

describe migratory behaviors because they have not yet migrated. Federal Aid money was spent on field logistics, telemetry equipment, and salary.

**Objective 4:** Estimate survival and identify sources of mortalities of transmittered birds, if possible.

Accomplishments:

We deployed 15 satellite transmitters on Golden Eagles in March and April 2014 in south-central Alaska. Data from these birds were collected during the reporting period, but it is too early to estimate survival. Two eagles died during the reporting period and we recovered their carcasses and transmitters, conducted necropsies, and determined one died of disease and the other of an unknown cause. Federal Aid money was spent on field logistics, telemetry equipment, and salary.

**Objective 5:** Present results at local, state, national, and international scientific meetings.

Accomplishments:

None during this reporting period. It was too early in the research project to present results.

**Objective 6:** Publish results in at least one peer-reviewed scientific manuscript.

Accomplishments:

None during this reporting period. It was too early in the research project to publish results.

**II. PUBLICATIONS**

None during this period, still gathering data.

**III. ADDITIONAL FEDERAL AID-FUNDED WORK NOT DESCRIBED ABOVE THAT WAS ACCOMPLISHED ON THIS PROJECT DURING THIS SEGMENT PERIOD**

None.

**IV. RECOMMENDATIONS FOR THIS PROJECT**

None.

**Prepared by:** Travis Booms, ADF&G

**Date:** 8/28/2014