

GRIZZLY BEAR MANAGEMENT CAPTURES, RELOCATIONS AND REMOVALS IN NORTHWEST WYOMING

2007 ANNUAL REPORT



Submitted to the Wyoming Legislature's Joint Travel, Recreation, Wildlife and Cultural Resources Interim Committee, and this report is available to the public at each Wyoming Game and Fish Department Regional Office and on the Department's website at http://gf.state.wy.us/wildlife/wildlife_management/grizzly/index.asp. This report is in partial fulfillment of the requirements in Wyoming Statute 23-1-1001. All questions about this report or its content should be directed to Mark Bruscano, Wyoming Game and Fish Department, 2820 State Highway 120, Cody, WY 82414, (307) 527-7125, Mark.Bruscano@wgf.state.wy.us

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Introduction

Human-bear interactions and conflicts are typically a result of bears seeking unnatural foods in association with people, property, or when they kill livestock. The number and location of human-bear conflicts is influenced by unsecured unnatural attractants (e.g. human foods and garbage), natural food distribution and abundance, and human and livestock use patterns on the landscape.

Capturing bears in areas where they may come into conflict with people and relocating them to remote wildland settings is a common practice used where humans and bears live together throughout the world. Relocating bears serves several social and conservation functions: 1) relocating a bear from an area where the potential for conflict is high reduces the chance of property damage, livestock damage, or human interactions; 2) relocating bears reduces the potential for bears to become food conditioned or human habituated which often times results in destructive or dangerous behaviors; 3) relocating a bear may allow the bear to forage on natural foods and remain wary of people, preventing its removal from the population, which may be beneficial in meeting population management objectives.

The Wyoming Game and Fish Department routinely relocates and removes black and grizzly bears as part of normal Department operations. The decision to relocate or remove a bear is made after considering a number of variables including age and sex of the animal, behavioral traits, health, physical injuries, type of conflict, known history of the animal, and population management objectives. Grizzly bears are relocated in accordance with State and Federal law, regulation, and policy.

In 2005 the Wyoming Legislature enacted House Bill 203, which created Wyoming Statute 23-1-1001 (Appendix I). This statute requires the Wyoming Game and Fish Department to:

- (a) Upon relocating a grizzly bear or upon receiving notification that a grizzly bear is being relocated, the department shall provide notification to the county sheriff of the county to which the bear is relocated within five (5) days of each grizzly bear relocation and shall issue a press release to the media and sheriff in the county where each grizzly bear is relocated;
- (b) The notice and press release shall provide the following information:
 - (i) The date of the grizzly bear relocation;
 - (ii) The number of grizzly bears relocated; and
 - (iii) The location of the grizzly bear relocation, as provided by commission rule and regulation;
- (c) No later than January 15 of each year the department shall submit an annual report to the joint travel, recreation, wildlife and cultural resources interim committee. The annual report shall include the total number and relocation area of each grizzly bear relocated during the previous calendar year. The department shall also make available the annual report to the public.

Subsequently, the Wyoming Game and Fish Commission promulgated regulations in Chapter 58 (Appendix II) of the Wyoming Game and Fish Commission regulations to further direct the implementation of Wyoming statute 23-1-1001.

This report satisfies the requirements set forth in section (c) of the statute and provides additional information on grizzly bear captures, relocations and removals in Wyoming during 2007.

Grizzly Bear Management Captures, Relocations, and Removals

During 2007, the Wyoming Game and Fish Department captured 12 grizzly bears in an attempt to prevent or resolve conflicts. Ten captures were of individual bears while one capture was of a family group consisting of a female (188) with a cub of the year (G125). Eight bears (67%) were relocated from areas where they were causing conflicts with livestock or property, or moved preemptively to avoid conflicts (Fig. 1). Three bears (25%) (G108, 188, G125) were killed by management authorities because of having a history of being involved in previous conflicts, a known history of being in close association with humans, and were deemed unsuitable for release into the wild. One bear (8%) was a non-target capture and was safely released on site without being radio collared.

Two bears (17%) were captured in Sublette County with the remaining 10 bears (83%) in Park County (Table 1). Of the eight bears moved from their capture sites, three (37%) were released in Teton County, two (25%) in Fremont County, and three (37%) were released in Park County (Table 1). Six of the eight bears relocated because of conflicts or moved preemptively to prevent conflicts were released on U.S. Forest Service lands in the Grizzly Bear Primary Conservation Area (PCA), the area formerly designated as the Grizzly Bear Recovery Zone. The remaining two bears (545, 546) were captured in April when snow conditions prevented their release at a suitable site in the PCA, therefore 545 was released in occupied grizzly bear habitat on the Inberg-Roy Wildlife Habitat Management Unit, and bear 546 was released west of Dubois in occupied grizzly bear habitat on the Shoshone National Forest (Fig. 1).

All independent bears (>2years old, n=8) that were relocated were fitted with a VHF radio-tracking collar to allow for their movements to be documented after being released. Aerial attempts at obtaining movement and location data were made approximately every 7-14 days. Relocated bears wearing radio collars moved a mean straight-line distance of 32.8 miles from the release site to their last known location in 2007. One bear (549) returned to within 10 miles of the original capture site but was not known to be involved in any additional conflicts. The remaining seven bears last known locations in 2007 were >10 miles from the original capture site. One bear (564) was killed by a vehicle 32.8 miles from the original capture location. Four of the seven bears remaining alive were last located within the PCA, and the other three were within three miles of the PCA as of their last known location in 2007.

Notification to the County Sheriff and the Media

Within 5-days of releasing a grizzly bear, the county Sheriff was notified by e-mail and a press release was distributed to all local media contacts in the county where the bear was released. The media release contained information on the location of the grizzly bear release, the number of grizzly bears relocated, the date of the relocation and the reason the grizzly bear was relocated (Table 1).

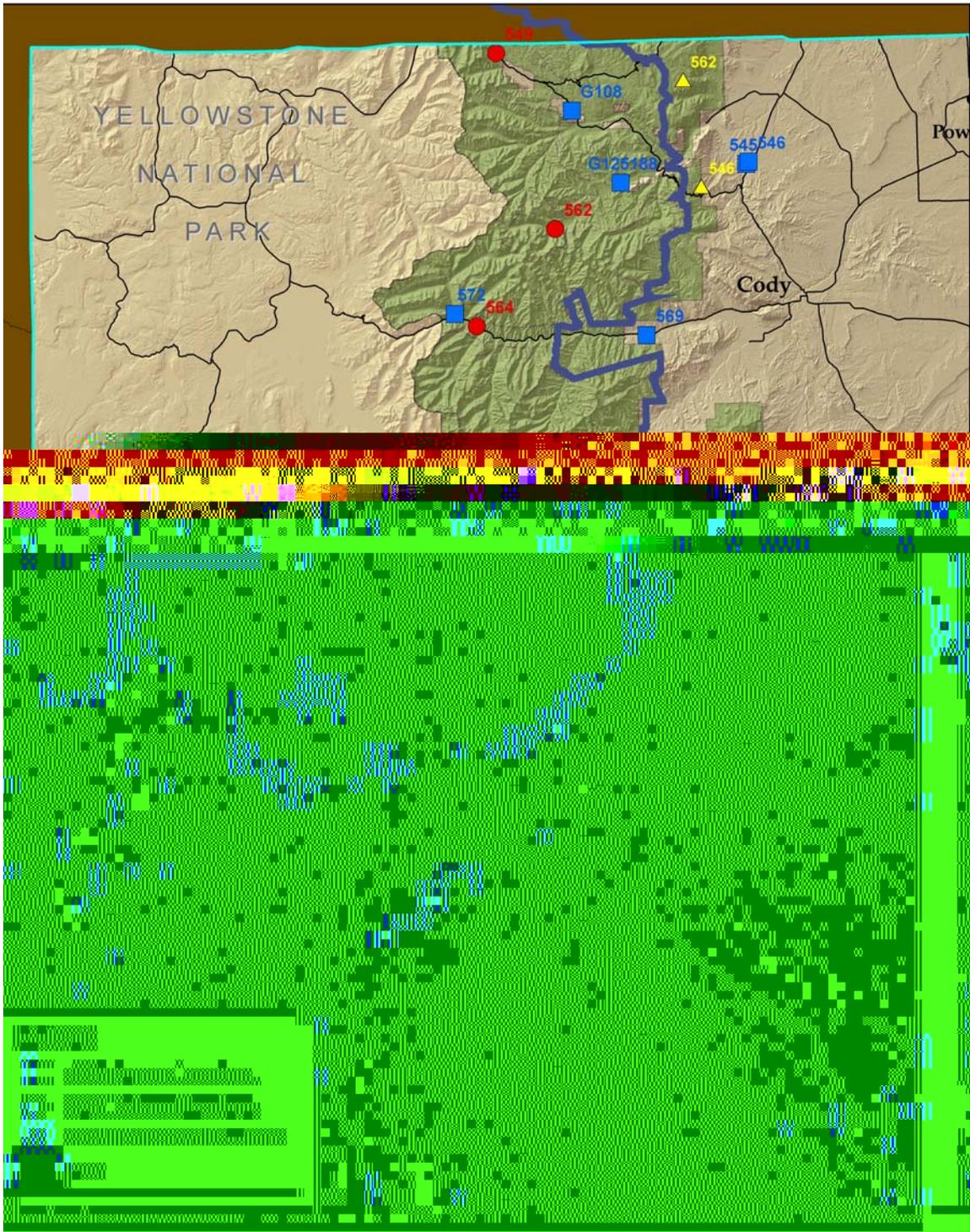


Figure 1. Capture location, release location, and last known location for 11 grizzly bears captured and relocated or released in 2007. Bears with “G” in front of their number are <2 yrs old.

Table 1. Date, bear ID numbers, number, capture location, release site, and reasons for capturing, relocating or removing grizzly bears.

Date	Bear No.	Number of Bears	Capture County	Relocation Site	Relocation County	Reason	Comments
4/13/2007	545	1	Park	Bear Creek	Fremont	Cattle Depredation	Snow prohibited release in recovery zone. No cattle present.
4/23/2007	546	1	Park	Long Creek	Fremont	Cattle Depredation	Snow prohibited release in recovery zone No cattle present.
5/8/2007	549	1	Park	Fox Creek	Park	Cattle Depredation	Relocated to an area with no livestock
5/23/2007	G108	1	Park	NA - Killed	NA	Food Reward	Repeat history, bird feeders/garbage
8/7/2007	562	1	Sublette	Sunlight Creek	Park	Cattle Depredation	Relocated to an area with no livestock
9/1/2007	565	1	Park	Squirrel Creek	Teton	Apiary Damage	Beehives
9/1/2007	564	1	Sublette	Mormon Creek	Park	Cattle Depredation	Relocated to an area with no livestock
9/5/2007	188, G125	2	Park	NA - Killed	NA	Property Damage	Repeat history, breaking into cabin
9/9/2007	569	1	Park	Blackrock Creek	Teton	Residential Area	Preemptive-relocated to a remote area
9/25/07	572	1	Park	Falls River	Teton	Residential Area	Remaining at lodge, in back of trucks

Appendix I. State of Wyoming's Grizzly Bear Relocation Statute

ARTICLE 10 GRIZZLY BEAR RELOCATION

23-1-1001. Grizzly bear relocation.

(a) Upon relocating a grizzly bear or upon receiving notification that a grizzly bear is being relocated, the department shall provide notification to the county sheriff of the county to which the bear is relocated within five (5) days of each grizzly bear relocation and shall issue a press release to the media and sheriff in the county where each grizzly bear is relocated.

(b) The notice and press release shall provide the following information:

(i) The date of the grizzly bear relocation;

(ii) The number of grizzly bears relocated; and

(iii) The location of the grizzly bear relocation, as provided by commission rule and regulation.

(c) No later than January 15 of each year the department shall submit an annual report to the joint travel, recreation, wildlife and cultural resources interim committee. The annual report shall include the total number and relocation area of each grizzly bear relocated during the previous calendar year. The department shall also make available the annual report to the public.

Appendix II. Wyoming Game and Fish Commission's Grizzly Bear Relocation Regulation

WYOMING GAME AND FISH COMMISSION

CHAPTER 58

NOTIFICATION OF GRIZZLY BEAR RELOCATION REGULATION

Section 1. Authority. This regulation is promulgated by authority of W.S. §23-1-1001.

Section 2. Regulation. The Wyoming Game and Fish Commission hereby adopts the following regulation governing notification to the County Sheriff and the media of grizzly bear relocations in the State of Wyoming. This regulation shall remain in effect until modified or rescinded by the Commission.

Section 3. Definitions. For the purpose of this regulation, definitions shall be as set forth in Title 23, Wyoming Statutes and the Commission also adopts the following definitions:

(a) "County Sheriff" means the County Sheriff's Office in the county where a grizzly bear is relocated.

(b) "Location of the grizzly bear relocation" means the proper name of the drainage in which a grizzly bear is relocated and the estimated number of miles from the relocation site to the nearest municipality, topographical feature or geographic location.

(c) "Provide a press release" means the department shall provide to the County Sheriff and the media in the county in which a grizzly bear is relocated, a press release including the location of the grizzly bear relocation, number of grizzly bears relocated, date of the relocation and the reason the grizzly bear was relocated.

Section 4. Notification of relocation.

(a) Upon relocating a grizzly bear or upon receiving notification that a grizzly bear is being relocated, the department shall notify the County Sheriff of the date, number of grizzly bears relocated, the location of the grizzly bear relocation and the reason of the relocation via direct telephone conversation, written or electronic correspondence, or personal contact within five (5) days of the date of the relocation. The department shall provide a press release to the County Sheriff and the media in the county where a grizzly bear is relocated of the date, number of grizzly bears relocated, the location of the grizzly bear relocation and the reason of the relocation within five (5) days of the date of relocation of any grizzly bear.

Section 5. Savings Clause. If any provision of this regulation is held to be illegal or unconstitutional, such a ruling shall not affect other provisions of this regulation which can be given effect without the illegal or unconstitutional provision; and, to this end the provisions of this regulation are severable.

WYOMING GAME AND FISH COMMISSION

By: Linda Fleming, President

Dated: July 12, 2005