

MIDWINTER BALD EAGLE SURVEY
STANDARDIZED SURVEY FORM
2008

Office Use Only

Note: Please complete ALL sections of this form (both front & back).

Region: _____
Size Category: _____
Status: _____
Zone: _____

Survey Site Location

1. State: CA Survey Site Number: _____
2. Drainage or Body of Water: Kings River and Pine Flat Lake
3. SiteName: Pine Flat Lake
4. County or Counties: Fresno
5. Start Point: US Army Corps of Engineers Park Headquarters
6. End Point: Bailey's Bridge (2nd bridge east of Kirch Flat Campground)
7. Did this year's survey cover the same area that has been surveyed on this route in past years? (Circle One) Y N

If this year's survey covered more area than in past years, please report only the observations made along the traditional survey route on this form. If this survey covered less area than in past years, please describe how it differed in comments on next page

Survey Procedures

1. Survey Date: 1/11/08 2. Time at Start: 10:00am 3. Total Time of Survey (minutes): 360
4. Roost or Nonroost <circle one> 5. Continuous Route, Fixed Point, or Both 6. Total Miles Surveyed: 30 *
7. Survey Method (Circle All That Apply): Road Vehicle Fixed Wing Helicopter Boat Skis
 Foot Travel Snowmobile Fixed Point Vehicle/Fixed Point Other _____

Survey Results

1. Total Bald Eagles Counted: 7 No. of Adults: 4 No. of Immatures: 3
No. of Unknown Age: _____
2. Total Golden Eagles Counted: 4 No. of Adults: 4 No. of Immatures: 0
No. of Unknown Age: _____
3. Number of Unidentified Eagles Counted (not identified to species): 1

Observers

1. Name of Recorder Terry Hershey 2. No. of Observers 3
3. Address 27295 Pine Flat Road(UPS), PO BOX 117 (USPS)

City: Piedra Zip 93649 E-mail Theresa.M.Hershey@usace.army.mil Phone: (559) 787 - 2589

4. Affiliation:

- State Wildlife Agency _____ State (and Other) Parks
U.S. Fish & Wildlife Ser. U.S. Army Corps of Engineers
U.S. Forest Service National Park Service
Tennessee Valley Authority Bureau of Land Management
Private Organization or Citizen Other Federal Agency
U.S.G.S. Other _____

OVER! (Complete Back Side)

General Weather & Ice Conditions

Temperature: 54 F.

Precipitation: None Snowy Rainy

Was there fog at any time during the count? Yes No

Was there precipitation at any time during the count? Yes No

Wind: X No wind (calm or <1 mi/hr)
X Light Wind (breezy or 1-7 mi/hr)
 Moderate Wind: (windy or 8-18 mi/hr)
 Strong Wind: (gusty to >18 mi/hr)

Cloud Cover: Clear Foggy then Clear Foggy Partly Cloudy Cloudy then Clearing Cloudy

Some Ice? Yes No Percentage of Ice Cover over Entire Survey Route: 0 %

How did this year's weather compare to past years?

Weather: Very Mild Mild Normal Harsh Very Harsh

Ice: Much Less Than Normal Less Than Normal Normal More Than Normal Much More Than Normal

Comments: There was a haze in the sky until late in the afternoon. It was partly cloudy, but the clouds were high in altitude.

At approximately 1000 hours we observed an adult Golden Eagle flying above the service road leading towards the water tank behind HQ. At 1030, we observed another larger adult Golden Eagle perched in an oak tree near the south/east abutment of the dam. At 1120, we observed an immature Bald Eagle perched in a Sycamore Tree along the King's River. We spotted a possible eagle nest located in a Sycamore tree, located next to the river. At 1318 hours, we observed an immature Bald Eagle flying above Edison Point Recreation Area and an adult Bald Eagle perched in an oak tree below the road, facing towards the lake. We also observed an adult Bald Eagle approximately 1/4 mile east of Edison Point. At 1350, we spotted an adult Bald Eagle, an unknown eagle, and an Osprey 1 mile east of Trimmer Recreation Area. At 1445, we observed an immature Bald Eagle and an adult Bald Eagle flying above the hillside approximately 2 miles west of Secada Ridge. At 1459, we observed two adult Golden Eagles flying above the hillside located approximately 1 mile east of Secada Ridge. We did not find any eagles near Bailey's Bridge this year.

*The total miles surveyed should be the amount of shoreline or other habitat that is observed. For a route along a river, it is usually the one-way direction that the vehicle or aircraft travels along the river. On a lake or reservoir, it is the amount of shoreline habitat that is viewed (from one or many viewpoints).

**Bald Eagle Mid-Winter Survey 2008
California**

Page 1 of 2

Return to:

Name of Recorder: Terry Hershey

Affiliation: US Army Corps of Engineers

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Long Marine Lab, UCSC
Santa Cruz, CA 95060
(831) 459-2466
(831) 459-3115 (fax)
janetl@ucsc.edu

Return Address: PO Box 117

No. of Observers: 3

Piedra, CA 93649

Route: Pine Flat Lake HQ to Bailey's Bridge
(name of area surveyed)

Phone: 559-787-2589

E-mail: Theresa.M.Hershey@usace.army.mil

Location (A)	County	Count Type (B)	Method (C)	Date (D)	Time (E)	Adult B.E.	Imm. B.E.	Unk. B.E.	Total B.E.	Adult G.E.	Imm. G.E.	Total G.E.	Unknown Eagles (F)	Osprey
1 Dam Road behind HQ, 1000 yards east of water tank	Fresno	X	CR/FP	1/11/08	1000					1				
2 Dam near south/east abutment on hill in oak tree	Fresno	X	CR/FP	1/11/08	1030					1				
3 South part of River in Sycamore Tree downstream of dam near Fresno County "River Access" area	Fresno	X	CR/FP	1/11/08	1120		1							
4 1/8 mile west of Edison Point Recreation Area	Fresno	X	CR/FP	1/11/08	1315	1								
5 Above hillside in oak tree at Edison Point	Fresno	X	CR/FP	1/11/08	1318		1							
6 1/4 mile east of Edison Point flying across road	Fresno	X	CR/FP	1/11/08	1321	1								
7 1 mile east of Trimmer Recreation Area flying above lake	Fresno	X	CR/FP	1/11/08	1350	1								
8 1 mile east of Trimmer Recreation Area flying above lake	Fresno	X	CR/FP	1/11/08	1350								1	
9 1 mile east of Trimmer Recreation Area flying above lake	Fresno	X	CR/FP	1/11/08	1350									1
10 2 miles west of Secada Ridge flying above hillside	Fresno	X	CR/FP	1/11/08	1445	1								
11 2 miles west of Secada Ridge flying above hillside	Fresno	X	CR/FP	1/11/08	1445		1							
12 1 mile east of Secada Ridge flying above hillside	Fresno	X	CR/FP	1/11/08	1459					1				
13 1 mile east of Secada Ridge flying above hillside	Fresno	X	CR/FP	1/11/08	1459					1				

Please complete "Comments" section on back of form

A) List each location surveyed.

D) Month/day/year

B) Indicate whether the survey at this location was a count of a night roost by the letter "R".
For all others, indicate with an "X".

E) Use military time (e.g., 0900).

C) Indicate survey method: Fixed wing (FW), helicopter (H), boat (B), count route (CR), fixed point (FP).

F) Eagles not identifiable as balds or goldens.

COMMENTS

Visibility: Partly cloudy skies with haze until late afternoon.

Precipitation? Zero.

Ice conditions at various
locations surveyed: Zero on route.

Prey availability and types Fish, squirrels, rabbits, dove, upland game such as deer, fox, coyote, pig.

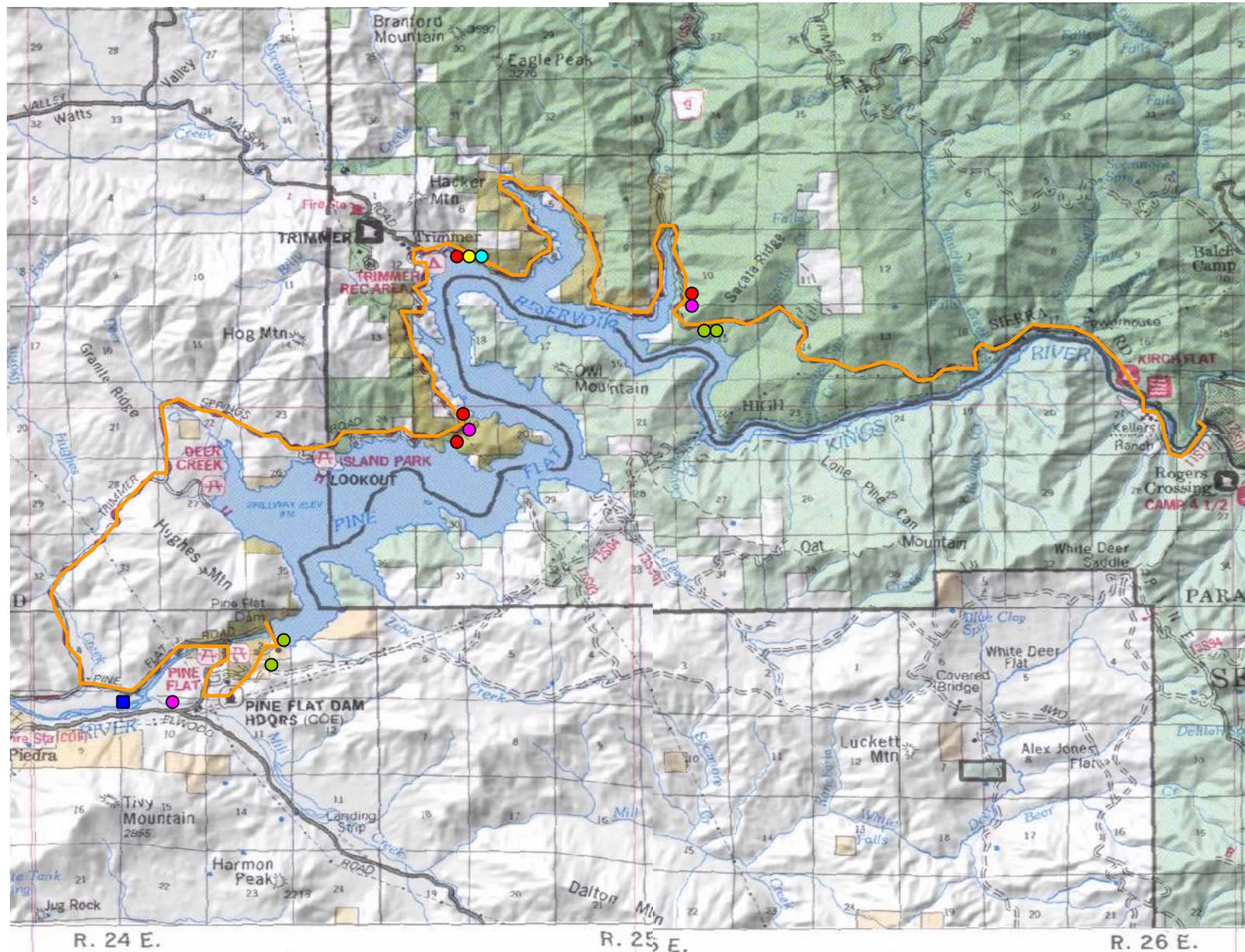
Local movements of eagles
during survey period:
(if known) Typically north to south or east to west. Varied.

Wing tag or band markers seen:
(describe in detail) None.

Other: There is a possible Bald Eagle nest located near the Fresno County "River Access", downstream from the Pine Flat Dam, before the intersection of Pine Flat Road at Trimmer Springs Road. This is a new nest site. We were unable to find the nest used in previous years. We suspect that the old nest was damaged by bad weather and is unusable and is no longer visible. Several adult Bald Eagles are seen near the new nest site, but were not seen or counted on the day the survey was performed. On going monitoring will take place at this new nest site to determine if it is a Bald Eagle Nest. The same area was surveyed this year as last year and the year prior. This is our 3rd successful survey in 3 years with the same route.

Mid-Winter Eagle Survey 2008

Pine Flat Lake



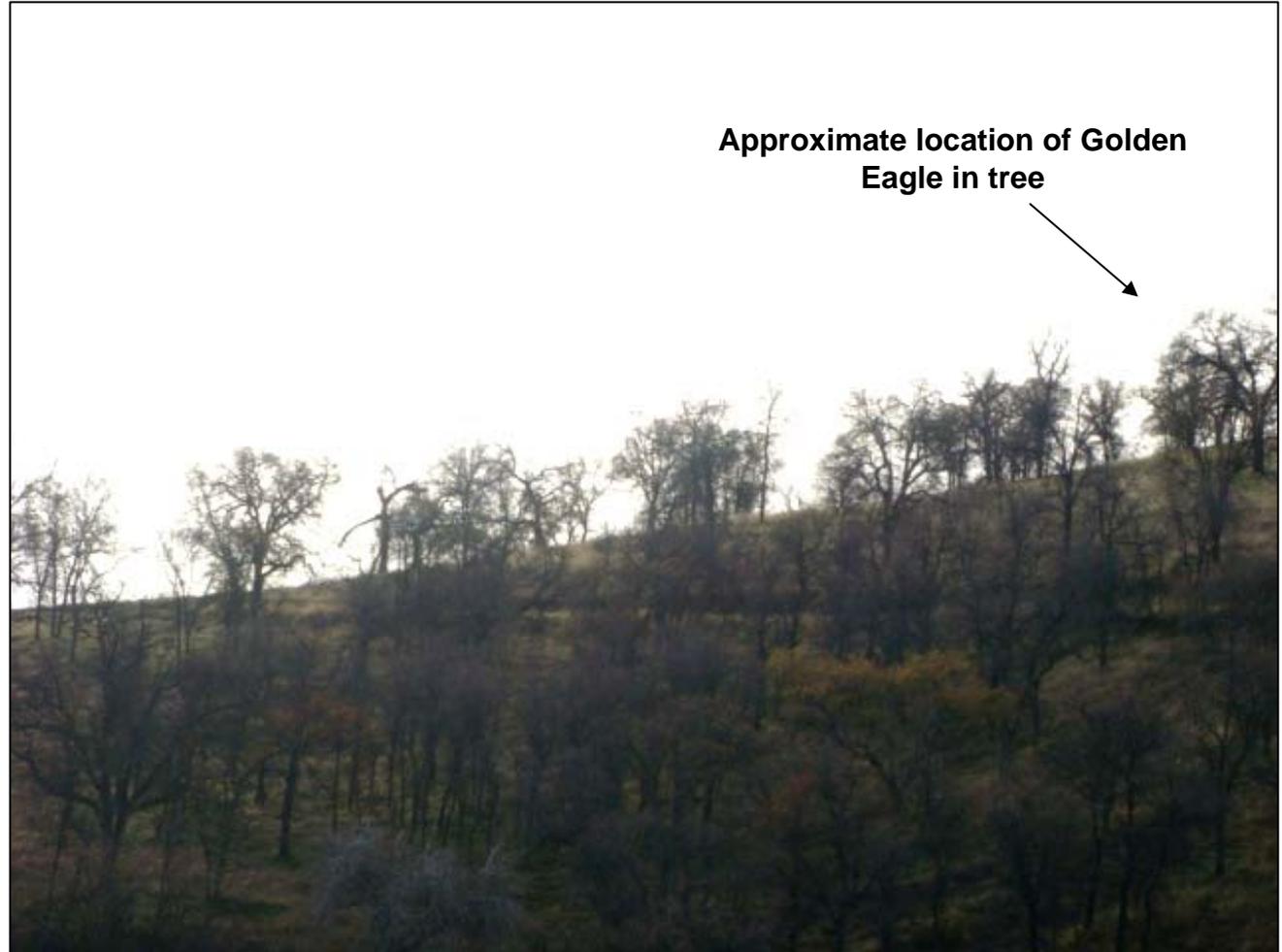
Key

- Adult Bald Eagle
- Imm. Bald Eagle
- Adult Golden
- Unknown Eagle
- Osprey
- Possible Nest
- Route

Headquarters Area:

Adult Golden Eagle 1

- Golden Eagle was located 1000 yards east of water tank above the service road. It was perched in an oak tree, then flew above the hillside.
- It was perched on an oak tree uphill from the gate.



Dam Area:

Adult Golden Eagle 2

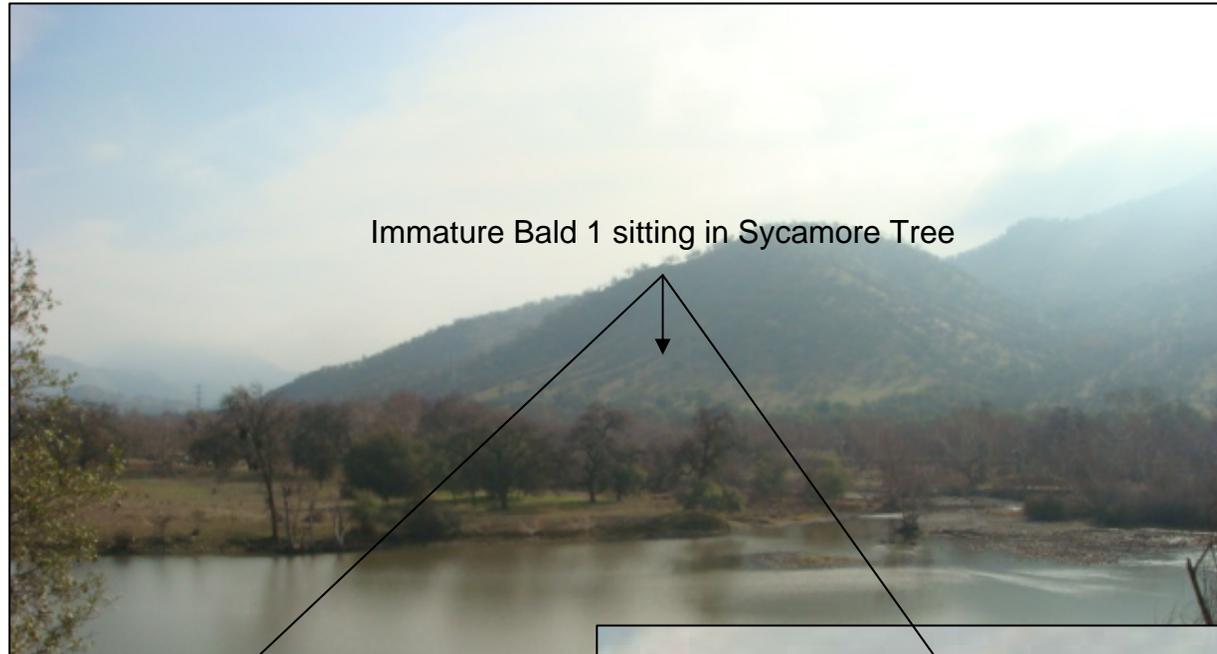
- Golden Eagle 2 was located on south/east dam abutment. It was perched in an oak tree overlooking the dam parking lot.



Downstream of Dam Area:

Immature Bald Eagle 1

- Immature Bald Eagle 1 was located on the south side of the King's River below the dam, before the Fresno County "River Access" area. It was perched in a Sycamore tree close to Elwood road.



Immature Bald 1 sitting in Sycamore Tree



River Access Area:

Possible Eagle Nest

- This nest was located in a Sycamore Tree along the north side of the King's River adjacent to the Fresno County "River Access" near the large gravel parking lot along the river.
- The previous nest from last year was unable to be found.



Edison Point Area:

Adult Bald Eagle 1

- Bald Eagle 1 was perched in a Grey Pine approximately 1/8 mile west of Edison Point.



Edison Point Area: Immature Bald Eagle 2

- Immature Bald Eagle 2 was first observed perched in an oak tree. It then flew above the hillside and toward the lake.



Edison Point Area:

Adult Bald Eagle 2

- Adult Bald Eagle 2 was observed approximately $\frac{1}{4}$ mile east of Edison Point. It was flying over Trimmer Springs Road from the north heading south where it flew across the lake.



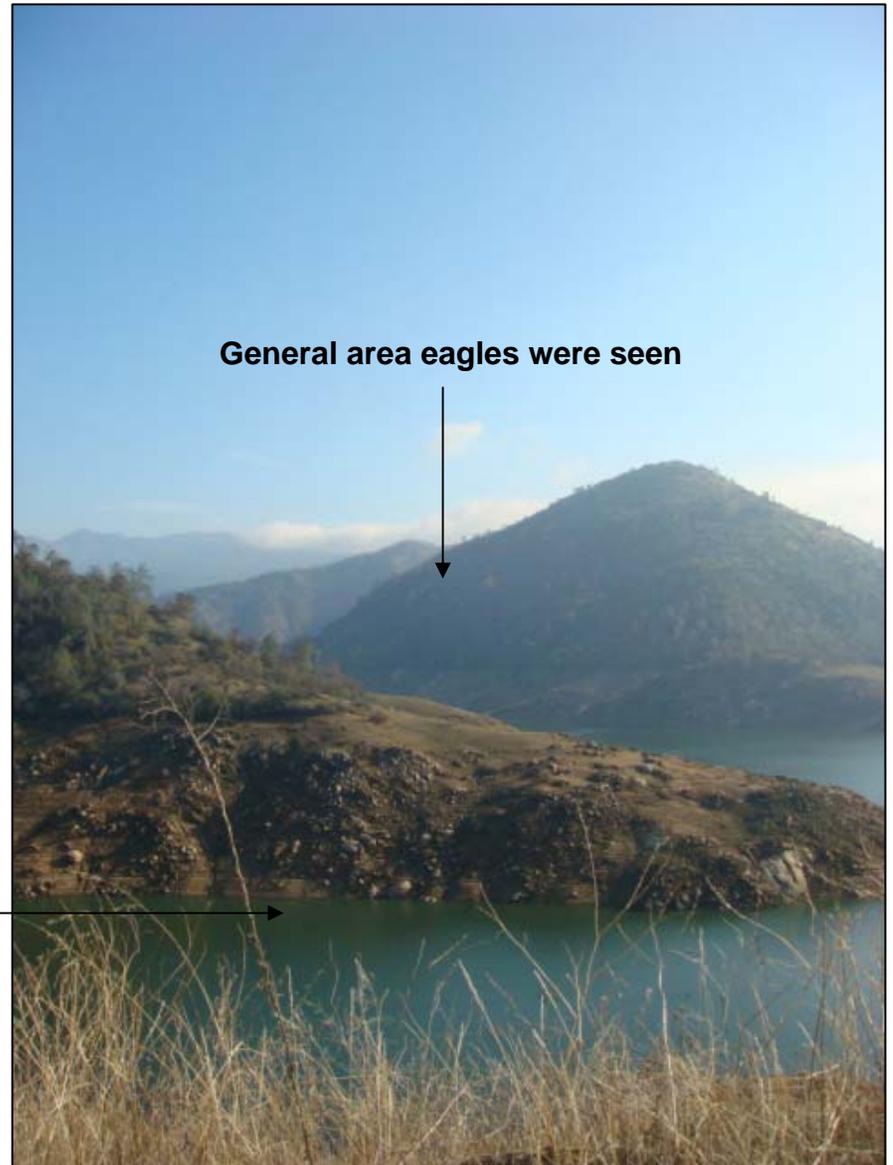
Trimmer Area:

Adult Bald Eagle 3, Unknown Eagle 1, and Osprey 1

- Adult Bald Eagle 3 and an unknown eagle were observed flying together above the lake approximately 1 mile east of Trimmer Recreation Area.

- An Osprey was also seen fishing along the lake

Area Osprey was observed



Secada Ridge Area:

Adult Bald Eagle 4 and Immature Bald Eagle 3

- Adult Bald Eagle 4 and Immature Bald Eagle 3 were observed flying above the eastern hillside approximately 2 miles west of Secada Ridge



Secada Ridge Area:

Adult Golden Eagle 3&4

- Adult Golden Eagles 3& 4 were observed flying above the north-eastern hillside approximately 1 mile east of Secada Ridge

