

Table 1. Arizona bald eagle breeding area productivity, 2011.

| Breeding Area | Status ¹ | Nest ² | Incubation Date | Eggs | Hatch Date | Young | Fledged | Fledge Date |
|-------------------|---------------------|-------------------|---|------|-----------------------------------|-------|----------------|---------------------|
| Alamo | S | 8 | 2/15-3/15 | 1+ | 3/15-4/8 | 1 | 1 | >6/8 |
| Bagley* | O | | | | | | | |
| Bartlett* | F | 2 | 1/3-1/31 | 1+ | 3/6 | 1 | | |
| | | | Nestling died in nest at 7 weeks of age. Failed 4/30. | | | | | |
| Beaver | S | 1 | 1/3-1/31 | 2 | 1/31-3/15 | 2 | 2 | >5/3 |
| Becker | U | | | | | | | |
| Blue Point | U | | | | | | | |
| Box Bar* | S | 4 | 1/31-2/7 | 2 | | 2 | 1 | 6/15 |
| | | | One nestling died in nest at 2 weeks of age by 4/5. | | | | | |
| Bulldog | S | 2 | <1/4 | 2 | 2/1-3/16 | 2 | 2 | >4/30 |
| Burro Creek | O | | | | | | | |
| Canyon de Chelly | S | 2 | <3/7 | 2 | 4/5 | 2 | 2 | >6/24 |
| Cedar Basin | U | | | | | | | |
| Cibecue | F | 2 | 1/5-3/16 | 1+ | Failed during incubation by 4/30. | | | |
| Cliff* | O | | | | | | | |
| Coldwater | S | 3 | 1/31-3/15 | 2 | 3/15-4/20 | 2 | 2 | >6/1 |
| Coolidge | F | 4 | 2/1-3/16 | 1+ | Failed during incubation by 4/30. | | | |
| Crescent* | S | 1 | 1/5-3/16 | 1+ | | 1 | 1 | 7/18 |
| Doka* | S | 5 | 1/3-1/31 | 1+ | <3/13 | 1 | 1 | 5/2 |
| Dupont | U | | | | | | | |
| East Verde | F | 6 | 1/3-1/31 | 1+ | Failed during incubation by 3/15. | | | |
| Fish Creek | S | 1 | 1/4-2/1 | 2 | 2/1-3/16 | 2 | 2 | 4/20-4/30, >4/30 |
| Fort McDowell* | S | 15 | 1/31-2/7 | 1+ | 3/7-3/10 | 1 | 1 | 5/18-6/1 |
| Goldfield-Kerr* | F | 2 | <12/27 | 1+ | Failed during incubation by 2/24. | | | |
| Granite Basin | F | 2* | <3/16 | 1+ | 3/16-4/30 | 1 | Failed by 6/3. | |
| Granite Reef* | S | 2 | 1/3-1/31 | 1+ | 2/28-3/6 | 1 | 1, FOS1 | 5/9-5/13 |
| | | | Fostered surviving Orme nestling on 5/16. | | | | | |
| Greer Lakes | U | | | | | | | |
| Horse Mesa | F | 4 | 1/4-2/1 | 1+ | Failed during incubation by 3/16. | | | |
| Horseshoe | F | 11 | 1/31-2/16 | 1+ | Failed during incubation by 3/15. | | | |
| Ive's Wash | S | 4 | 1/11-1/31 | 1+ | 3/15-3/30 | 1 | 1 | >5/9 |
| Ladders* | S | 3 | 1/3-1/21 | 2 | 2/26 | 2 | 1 | 6/2 |
| | | | One nestling died in the nest at 3 weeks of age. | | | | | |
| Lone Pine | S | 5 | 1/5-3/16 | 3 | 3/16-4/30 | 3 | 3 | >6/3 |
| Lower Lake Mary | S | 2 | <4/14 | 2 | 4/14-4/20 | 2 | 2 | >6/21 |
| Luna* | S | 1 | <3/7 | 2 | 3/7-3/14 | 2 | 2 | |
| Lynx | S | 3 | 1/2-1/10 | 1+ | 1/31-3/3 | 1 | 1 | 5/14 |
| Mohave | F | 1* | <3/10 | 1+ | Failed during incubation by 3/30. | | | |
| Needle Rock* | S | 2 | 1/3-1/31 | 2 | 3/1-3/4 | 2 | 2 | 5/20, 5/28 |
| Oak Creek | S | 4 | 1/3-1/21 | 2 | 1/31-3/15 | 2 | 2 | >5/3 |
| | | 6 | 1/3-1/31 | 3 | 2/24 | 3 | | |
| Orme* | F | | Two nestlings died in rehab due to tick infestation. Third nestling fostered into Granite Reef on 5/16. | | | | | |
| Pee Posh Wetlands | S | 2 | 1/3-1/31 | 2 | 1/31-2/25 | 2 | 2 | 5/6, >5/6 |
| Perkinsville | S | 4 | 1/31-3/15 | 1+ | 3/15-4/20 | 1 | 1 | >6/1 |
| Pinal | S | 3 | 1/4-2/1 | 2 | 2/1-3/16 | 2 | 2 | >4/30 |
| Pinto | F | 7 | 1/6-1/9 | 1+ | Failed during incubation by 2/1. | | | |
| Pleasant | F | 3 | <1/3 | 1+ | Failed during incubation by 1/31. | | | |
| Redmond | F | 5 | 1/4-2/1 | 1+ | Failed during incubation by 4/30. | | | |
| Riverside | S | 1 | <1/4 | 2 | 1/31-2/27 | 2 | 1 | 3/18-4/13 |
| | | | One nestling died in rehab at 6 weeks of age. | | | | | |
| Rock Creek | U | | | | | | | |
| Rodeo* | S | 4* | 1/3-1/31 | 2 | 2/14-2/18 | 2 | 2 | 4/29, 5/9 |

¹ Breeding area status codes (Postupalsky 1974): A=Active, U=unoccupied, O=occupied, S=successful, F=failed.

² Nest numbers are from Hunt and others 1992; and subsequent NGTRs (e.g., McCarty and Jacobson 2010).

* Nests monitored by the Arizona Bald Eagle Nestwatch Program.

Table 1. continued.

| Breeding Area | Status ¹ | Nest ² | Incubation Date | Eggs | Hatch Date | Young | Fledged | Fledge Date |
|---|---------------------|-------------------|-----------------|------|-----------------------------------|-------|---------|-------------|
| Saguaro* | F | 1 | 1/4-2/1 | 1+ | Failed during incubation on 3/8. | | | |
| San Carlos | O | | | | | | | |
| 76 | S | 4 | 2/1-3/16 | 1+ | 3/16-4/30 | 1 | 1 | >6/1 |
| Sheep | S | 5 | 1/4-2/1 | 2 | 2/1-3/16 | 2 | 2 | >4/30 |
| Silver Creek | S | 1 | <4/30 | 2 | <4/30 | 2 | 2 | >6/3 |
| Suicide | S | 2 | 1/4-1/25 | 3 | 2/1-3/16 | 3 | 2 | 5/24-5/27 |
| Sullivan Lake | S | 2 | 1/3-1/31 | 2 | 1/31-3/3 | 2 | 2 | 5/27-5/30 |
| Sycamore* | S | 5 | <1/3 | 2 | 1/3-1/31 | 2 | 1 | 4/24 |
| One nestling died in nest at 10 weeks of age on 4/9. | | | | | | | | |
| Table Mountain | F | 4 | 1/31-3/15 | 1+ | Failed during incubation by 4/24. | | | |
| Talkalai | S | 7 | 1/4-1/25 | 1+ | 2/1-3/16 | 1 | 1 | 5/6 |
| Tapco* | F | 1 | <3/7 | 2 | 3/26 | 1 | | |
| Hatchling died by 4/1 and second egg failed to hatch. | | | | | | | | |
| Tonto* | S | 2 | 1/4-2/1 | 2 | 2/18-2/19 | 2 | 2 | 5/2, 5/15 |
| Tortilla Creek | F | 1 | 1/4-2/1 | 1+ | Failed during incubation by 3/16. | | | |
| Tower | U | | | | | | | |
| Woods Canyon* | S | 1 | <4/5 | 2 | 4/22 | 2 | 2 | 7/14, 7/17 |
| Yellow Cliffs | S | 1 | 1/31-3/15 | 2 | 3/15-4/20 | 2 | 2 | >6/1 |

¹ Breeding area status codes (Postupalsky 1974): A=Active, U=unoccupied, O=occupied, S=successful, F=failed.

² Nest numbers are from Hunt and others 1992; and subsequent NGTRs (e.g., McCarty and Jacobson 2010).

* Nests monitored by the Arizona Bald Eagle Nestwatch Program.

Table 2. Arizona bald eagle productivity summary, 2011.

| | | | |
|-------------------------|------|--|-----|
| Number of BAs | 62 | Number of Active BAs | 51 |
| Number of Occupied BAs | 55 | Number of Failed Breeding Attempts | 17 |
| Number of Eggs | 79+ | Number of Successful Breeding Attempts | 34 |
| Nest Success = 34/55 | 0.62 | Number of Young Hatched | 66 |
| Mean Brood Size = 56/34 | 1.65 | Number of Young Fledged | 56 |
| | | Productivity = 56/55 | 1.0 |

Table 3. Arizona bald eagle 10-year productivity summary.

| | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | 2005 | 2004 | 2003 | 2002 |
|--|------|------|------|------|------|------|------|------|------|------|
| Number of BAs | 62 | 62 | 59 | 56 | 53 | 50 | 47 | 46 | 47 | 46 |
| Number of Occupied BAs | 55 | 52 | 50 | 48 | 48 | 43 | 39 | 40 | 42 | 41 |
| Number of Eggs | 79+ | 69+ | 78+ | 71+ | 74+ | 68+ | 57+ | 59+ | 46+ | 57+ |
| Number of Active BAs | 51 | 48 | 48 | 44 | 45 | 39 | 36 | 39 | 31 | 34 |
| Number of Failed Breeding Attempts | 17 | 21 | 19 | 14 | 20 | 11 | 12 | 12 | 13 | 11 |
| Number of Successful Breeding Attempts | 34 | 27 | 29 | 30 | 25 | 28 | 24 | 27 | 18 | 23 |
| Number of Young Hatched | 66 | 57 | 68 | 65 | 61 | 55 | 48 | 50 | 35 | 46 |
| Number of Young Fledged | 56 | 44 | 47 | 53 | 42 | 42 | 37 | 42 | 25 | 37 |
| Nest Success | 0.62 | 0.52 | 0.58 | 0.63 | 0.52 | 0.65 | 0.62 | 0.67 | 0.43 | 0.56 |
| Mean Brood Size | 1.7 | 1.6 | 1.6 | 1.8 | 1.7 | 1.5 | 1.5 | 1.6 | 1.4 | 1.6 |
| Productivity | 1.0 | 0.85 | 0.94 | 1.10 | 0.87 | 0.98 | 0.95 | 1.05 | 0.6 | 0.9 |

Winter Count

222 birds on 93 routes
157 adults
57 subadults
8 unknown
Average 295 birds

ABENWP

Contractors = 19
Monitored BAs = 19
Failed = 5
Successful = 12
Occupied = 2
Fledglings = 18

Adult Identification

26 of 110 (24%) adults
occupying BAs

Other

20 of 56 fledged nestlings
banded (36%)
Foreign material in 2 nests
(Lower Lake Mary, Sheep)

Nest survey

New BAs = 1
Mohave BA

New alternate nests = 4
Alamo #8
Granite Basin #2
Pee Posh Wetlands #2
Rodeo #4

Fallen nests = 2
Granite Reef #4
Rodeo #2 (partially fallen)

Copper Basin (CA)
3/30: Adult in nest.

Black Canyon (NV)
3/30: 2 nestlings.

Rescues

- 1) March 18: One nestling in poor health at Riverside BA was taken to Liberty Wildlife Rehabilitation Foundation where it died. [liver bile duct blockage caused by internal parasites - roundworms]
- 2) April 24: One nestling on ground at Orme BA was taken to Liberty for removal of tick larvae and treatment of related health problems, but it died April 26.
- 3) April 25: The remaining nestling at the Orme BA was rescued from the tick-infested nest and taken to Liberty for removal of tick larvae. It recovered and was fostered to the Granite Reef BA on May 16.