

CONTRACTION OF CALIFORNIA BURROWING OWL RANGE

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Area of California within western burrowing owl range: 103,245 square miles¹

Breeding owls have been extirpated or are nearing extirpation in 22,255 sq. miles = 22% of the species' range in California

Breeding owls are declining in an additional 24,190 sq. miles = 23% of the species' range in California

<u>County/Region</u>	<u>Area within BUOW range (square miles)</u>	<u>Status of breeding owls</u>	<u>Remaining owl pairs (year of estimate)²</u>
Napa	795	extirpated	0 (1993)
Marin	590	extirpated	0 (1993)
San Francisco	90	extirpated	0 (1993)
Santa Cruz	440	extirpated	0 (1993)
Southwestern Solano	45	nearly extirpated	0? (2002)
Western Contra Costa	400	nearly extirpated	0? (2002)
Sonoma	1,600	nearly extirpated	1 to 2 (1993)
San Mateo	530	nearly extirpated	1 to 2 (2001)
Monterey	3,325	nearly extirpated	~14 (1992)
Coastal San Luis Obispo ³	3,015	nearly extirpated	0 to ? (1993, 2003) ⁴
Santa Barbara	2,195	nearly extirpated	unknown
Southern Ventura	1,025	nearly extirpated	unknown
Southern Los Angeles	2,040	nearly extirpated	0? (2002)
Orange	785	nearly extirpated	≤3 (2002)
San Diego	3,850	nearly extirpated	6 to 8 (2001)
Coachella Valley	1,530	extirpated or nearly extirpated	0 to 5-10 (1993, 2003) ⁵
Total	22,255 = 22%		
Yolo	1,035	declining	30-40 (2000)
Alameda (except eastern portion)	660	declining	unknown
Santa Clara	1,315	declining	120-141 (1997)
Western Riverside	1,810	declining	unknown
Southwestern San Bernardino	1,010	declining	unknown
San Bernardino (desert portion)	17,140	declining	unknown
Northeastern Los Angeles	1,220	declining	≥ 10 (2000)
Total	24,190 = 23%		

¹ Derived from Barclay state map in listing petition, Appendix 1

² Estimates from DeSante and Ruhlen (1995), DeSante et al. (1996), and information in the listing petition unless otherwise noted.

³ Estimate of area of coastal S.L.O. County within range of the species; does not include Carrizo Plain.

⁴ 17 recent probable breeding observations in coastal S.L.O. county were reported in 2003 to CDFG by biologist Miriam Hulst, Department of Defense.

⁵ An estimated 5-10 resident pairs in the Coachella Valley were reported in 2003 to CDFG by biologist Cam Barrows.