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### MAPS BREEDING STATUS INFORMATION

This table displays breeding status information for each species captured, seen, or heard at each MAPS station. Species are listed in phylogenetic order following *The A.O.U. Check-list of North American Birds, Seventh Edition* (1998), as modified by Supplements 42 (*Auk* 117:847-858 (2000)), 43 (*Auk* 119:897-906 (2002)), 44 (*Auk* 120:923-931 (2003)), and 45 (*Auk* 121:985-995 (2004)).

Click Links Below to View Station Information				Species Alpha Code <sup>4</sup>	Common Name	Scientific Name	Cumulative Breeding Status (BRSTAT) <sup>5</sup>	Years of Breeding Status Data <sup>6</sup>
Loc. Code <sup>1</sup>	Station Num. <sup>2</sup>	Station Code <sup>3</sup>	Species					
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	GBHE	Great Blue Heron	<i>Ardea herodias</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	TUVU	Turkey Vulture	<i>Cathartes aura</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	COHA	Cooper's Hawk	<i>Accipiter cooperii</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	GRHA	Gray Hawk	<i>Asturina nitida</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	ZTHA	Zone-tailed Hawk	<i>Buteo albonotatus</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	RTHA	Red-tailed Hawk	<i>Buteo jamaicensis</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	AMKE	American Kestrel	<i>Falco sparverius</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WWDO	White-winged Dove	<i>Zenaida asiatica</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	MODO	Mourning Dove	<i>Zenaida macroura</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	COGD	Common Ground-Dove	<i>Columbina passerina</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	YBCU	Yellow-billed Cuckoo	<i>Coccyzus americanus</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	GRRO	Greater Roadrunner	<i>Geococcyx californianus</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WESO	Western Screech-Owl	<i>Megascops kennicottii</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	GHOW	Great Horned Owl	<i>Bubo virginianus</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	CONI	Common Nighthawk	<i>Chordeiles minor</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	VCHU	Violet-crowned Hummingbird	<i>Amazilia violiceps</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BCHU	Black-chinned Hummingbird	<i>Archilochus alexandri</i>	B	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	GIWO	Gila Woodpecker	<i>Melanerpes uropygialis</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	LBWO	Ladder-backed Woodpecker	<i>Picoides scalaris</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	RSFL	Red-shafted Flicker	<i>Colaptes a. cafer</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	GIFL	Gilded Flicker	<i>Colaptes chrysoides</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WEWP	Western Wood-Pewee	<i>Contopus sordidulus</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WIFL	Willow Flycatcher	<i>Empidonax traillii</i>	M	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	TRFL	Trail's Flycatcher	<i>Empidonax alnorum/traillii</i>	M	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	HAFI	Hammond's Flycatcher	<i>Empidonax hammondi</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	GRFL	Gray Flycatcher	<i>Empidonax wrightii</i>	-	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	DUFL	Dusky Flycatcher	<i>Empidonax oberholseri</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WEFL	Western Flycatcher	<i>Empidonax difficilis/occid.</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	COFL	Cordilleran Flycatcher	<i>Empidonax occidentalis</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BLPH	Black Phoebe	<i>Sayornis nigricans</i>	B	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	VEFL	Vermilion Flycatcher	<i>Pyrocephalus rubinus</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	DCFL	Dusky-capped Flycatcher	<i>Myiarchus tuberculifer</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	ATFL	Ash-throated Flycatcher	<i>Myiarchus cinerascens</i>	U	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BCFL	Brown-crested Flycatcher	<i>Myiarchus tyrannulus</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	CAKI	Cassin's Kingbird	<i>Tyrannus vociferans</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WEKI	Western Kingbird	<i>Tyrannus verticalis</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BEVI	Bell's Vireo	<i>Vireo bellii</i>	U	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WAVI	Warbling Vireo	<i>Vireo gilvus</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	CHRA	Chihuahuan Raven	<i>Corvus cryptoleucus</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	CORA	Common Raven	<i>Corvus corax</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	VGSW	Violet-green Swallow	<i>Tachycineta thalassina</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BRTI	Bridled Titmouse	<i>Baeolophus wollweberi</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	VERD	Verdin	<i>Auriparus flaviceps</i>	O	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BUSH	Bushtit	<i>Psaltriparus minimus</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WBNU	White-breasted Nuthatch	<i>Sitta carolinensis</i>	U	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	CANW	Canyon Wren	<i>Catherpes mexicanus</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BEWR	Bewick's Wren	<i>Thryomanes bewickii</i>	B	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BGGN	Blue-gray Gnatcatcher	<i>Polioptila caerulea</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	SWTH	Swainson's Thrush	<i>Catharus ustulatus</i>	M	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	NOMO	Northern Mockingbird	<i>Mimus polyglottos</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	PHAI	Phainopepla	<i>Phainopepla nitens</i>	T	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	NAWA	Nashville Warbler	<i>Vermivora ruficapilla</i>	-	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	LUWA	Lucy's Warbler	<i>Vermivora luciae</i>	B	2002-2006	
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	YWAR	Yellow Warbler	<i>Dendroica petechia</i>	B	2002-2006	

<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	MAWA	Magnolia Warbler	<i>Dendroica magnolia</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	AUWA	Audubon's Warbler	<i>Dendroica c. auduboni</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BTYW	Black-throated Gray Warbler	<i>Dendroica nigrescens</i>	T	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	TOWA	Townsend's Warbler	<i>Dendroica townsendi</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BLBW	Blackburnian Warbler	<i>Dendroica fusca</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	AMRE	American Redstart	<i>Setophaga ruticilla</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	OVEN	Ovenbird	<i>Seiurus aurocapilla</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	MGWA	MacGillivray's Warbler	<i>Oporornis tolmiei</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	COYE	Common Yellowthroat	<i>Geothlypis trichas</i>	B	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	HOWA	Hooded Warbler	<i>Wilsonia citrina</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WIWA	Wilson's Warbler	<i>Wilsonia pusilla</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	PARE	Painted Redstart	<i>Myioborus pictus</i>	-	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	YBCH	Yellow-breasted Chat	<i>Icteria virens</i>	B	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	SUTA	Summer Tanager	<i>Piranga rubra</i>	B	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	WETA	Western Tanager	<i>Piranga ludoviciana</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	CANT	Canyon Towhee	<i>Pipilo fuscus</i>	U	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	ABTO	Abert's Towhee	<i>Pipilo aberti</i>	T	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	CASP	Cassin's Sparrow	<i>Aimophila cassinii</i>	T	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BOSP	Botteri's Sparrow	<i>Aimophila botterii</i>	T	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	RCSP	Rufous-crowned Sparrow	<i>Aimophila ruficeps</i>	U	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	CHSP	Chipping Sparrow	<i>Spizella passerina</i>	-	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	LASP	Lark Sparrow	<i>Chondestes grammacus</i>	O	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BTSP	Black-throated Sparrow	<i>Amphispiza bilineata</i>	-	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	SOSP	Song Sparrow	<i>Melospiza melodia</i>	B	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	NOCA	Northern Cardinal	<i>Cardinalis cardinalis</i>	U	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BHGR	Black-headed Grosbeak	<i>Pheucticus melanocephalus</i>	O	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BLGR	Blue Grosbeak	<i>Passerina caerulea</i>	B	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	LAZB	Lazuli Bunting	<i>Passerina amoena</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	VABU	Varied Bunting	<i>Passerina versicolor</i>	T	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	PABU	Painted Bunting	<i>Passerina ciris</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	GTGR	Great-tailed Grackle	<i>Quiscalus mexicanus</i>	T	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BHCO	Brown-headed Cowbird	<i>Molothrus ater</i>	B	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	HOOR	Hooded Oriole	<i>Icterus cucullatus</i>	T	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	BUOR	Bullock's Oriole	<i>Icterus bullockii</i>	T	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	HOFI	House Finch	<i>Carpodacus mexicanus</i>	B	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	PISI	Pine Siskin	<i>Carduelis pinus</i>	M	2002-2006
<a href="#">RERA</a>	12334	<a href="#">EMPI</a>	LEGO	Lesser Goldfinch	<i>Carduelis psaltria</i>	B	2002-2006

<sup>1</sup> Location codes are unique four-character codes identifying a national forest, national park, military installation, or other location where a single station or a cluster of stations is located and is run by a single operator (often with many assistants).

<sup>2</sup> Station numbers are five-digit numbers used to identify stations and are unique within the MAPS Program. A station is defined as a discrete study area consisting of a fixed number of net sites.

<sup>3</sup> Station codes are four-character codes used to identify stations and are unique within a location. A station is defined as a discrete study area consisting of a fixed number of net sites.

<sup>4</sup> Species alpha codes are from Pyle and DeSante 2003 (Pyle, P., and DeSante, D.F. 2003. Four-letter and six-letter alpha codes for birds recorded from the American Ornithologists' Union Check-list area. *North American Bird-Bander* 28:64-79) which reflects A.O.U. taxonomy and nomenclature (A.O.U. 1998) as modified by Supplements 42 (*Auk* 117:847-858 (2000)), 43 (*Auk* 119:897-906 (2002)), 44 (*Auk* 120:923-931 (2003)), and 45 (*Auk* 121:985-995 (2004)). With very few exceptions, species alpha code conform to the coding system used by the USGS/BRD Bird Banding Laboratory. Exceptions include gallinaceous species and certain taxa not identified to species, for which codes were modified or created by Pyle and DeSante (2003; individuals with these species determinations should not be banded, unless proper permits are available).

<sup>5</sup> Cumulative, composite breeding status determination. BRSTAT codes represent the summary status of each species' annual breeding status codes over the range of years during which the MAPS station was operated. The BRSTAT codes are defined as follows:

B - Regular breeder. Summer resident or suspected summer resident during all years the station was operated.

U - Usual breeder. Summer resident or suspected summer resident for more than 1/2 of the years the station was operated, but not all years.

O - Occasional breeder. Summer resident or suspected summer resident for 1/2 or fewer of the years the station was operated.

T - Transient. The station lies within the species' breeding range, but no individual of the species was a summer resident at that station during any year.

A - Altitudinal disperser. A species which breeds only at lower elevations than that of the station and which disperses to higher elevations after breeding.

M - Migrant. The station falls outside of the species' normal breeding range.

<sup>6</sup> The years in which the MAPS station was operated and for which breeding status data are available during the years 1989-2003.

[Click here to run a new Breeding Status Information query](#)

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