

U.S. Fish & Wildlife Service - Pacific Region

Salton Sea National Wildlife Refuge

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Waxhington

Hawaii

Pacific Island

WILDLIFE MORTALITY ESTIMATES

1987-1996

SALTON SEA

YEAR	PRIMARY SPECIES	5	CAUSE OF DEATH	ESTIMATED
1987	ruddy duck, eared grebe	avian cholera	500	
1988	dabbling ducks, shorebirds	avian botulism *595	*324	
1989	ducks, geese	avian cholera	750	
1989		salmonellosis	*4,515	
1990	ruddy duck,	avian cholera	180	
_	cattle egret			
1990	te ed	salmonellosis suspect	300	
	egrei		1	
9		aviail ciloleia	7,000	
	geese, shorebirds	•	1	
1992	eared grebe, ruddy duck	undetermined	150,000	
1992	dabbling ducks, shorebirds	avian cholera	5,000	•
1993	geese, ducks, coots, gulls	avian cholera	500	
1994	eared grebe, ruddy duck	undetermined	*1,659	
1994	ducks, shore-	avian cholera	*452	
1994	pelicans (brown &	& avian botulism	300	
	wnite), dabbling			

)

				1996			1996		1995	
eating birds	gull, other fish-	egret, ring-billed	& brown), great	pelicans (white	shorebirds	dabbling ducks,	ruddy duck, gulls, avian cholera	ruddy duck	eared grebe,	Secretary of the Contract
				avian botulism	-		avian cholera		undetermined	
				*14,109			1,000		2,000	

total losses exceed this number. *This is the actual number of dead birds collected by Federal and state wildlife personnel. The estimated

Massive fish kills occur frequently at the Salton Sea, resulting in millions of fish killed in a year. The predominant fish species in the Salton Sea is tilapia; the sport fishery at Salton Sea is nonexistent today.

Why is the Salton Sea Important?

Summary of 1996 Avian Botulism Event

1997 Fish and Wildlife Mortality Events

Summary of 1996-1997 Fish Pathology Findings