

Sacramento NWR Complex Waterfowl Survey Summary

Refuge Date	Sacramento NWR		Delevan NWR		Colusa NWR		Sutter NWR		Llano Seco Unit (North Central Valley WMA)		GRAND TOTALS
	11/15/2018	11/19/2018	11/15/2018	11/19/2018	11/15/2018	11/19/2018	11/15/2018	11/19/2018	11/15/2018	11/19/2018	
% of Wetlands Flooded	96%	97%	93%	73%	100%	77%					
Coot	36,490	24,430	10,335	2,422	6,018	347					80,042
Tundra Swan	0	0	0	0	0	0					0
Sandhill Crane	0	0	22	0	0	147					169
White-fronted goose	21,240	6,258	10,342	19,980	1,400	16,136					75,356
White goose	68,750	56,100	34,504	49,150	4,650	29,400					242,554
Western Canada goose	150	0	11	0	0	406					567
Aleutian Canada goose	0	0	0	0	0	0					0
Cackling Canada goose	260	0	46	0	0	18					324
TOTAL GEESE	90,400	62,358	44,903	69,130	6,050	45,960					318,801
Mallard	24,925	13,524	5,804	1,944	900	614					47,711
Pintail	225,320	117,130	51,156	40,930	77,110	21,703					533,349
Gadwall	41,250	18,760	10,999	2,153	8,365	505					82,032
Wigeon	34,455	32,620	16,188	12,270	72,478	2,668					170,679
Green-winged teal	50,800	43,600	25,423	2,480	24,838	1,273					148,414
Cinnamon teal	10	0	4	8	0	0					22
N. shoveler	38,480	20,490	20,759	3,392	22,763	772					106,656
Wood duck	15	10	120	57	11	0					213
other dabblers	0	0	0	0	0	0					0
TOTAL DABLERS	415,255	246,134	130,453	63,234	206,465	27,535					1,089,076
Ring-necked duck	25,290	1,100	60	200	901	0					27,551
Ruddy duck	650	100	0	0	550	0					1,300
Bufflehead	340	0	2	7	0	13					362
Redhead	0	0	0	0	0	0					0
Canvasback	0	0	0	0	0	0					0
Lesser scaup	0	0	0	0	0	0					0
other divers	0	0	0	0	0	0					0
TOTAL DIVERS	26,280	1,200	62	207	1,451	13					29,213
TOTAL DUCKS	441,535	247,334	130,515	63,441	207,916	27,548					1,118,289
TOTAL WATERFOWL	531,935	309,692	175,418	132,571	213,966	73,508					1,437,090
PERCENTAGES	37.0	21.5	12.2	9.2	14.9	5.1					100.0