

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge Date	Sacramento	Delevan	Colusa	Sutter	Butte Sink	Liano Seco	GRAND TOTALS
	8/19/2014	8/18/2014	8/13/2014	8/22/2014	8/13/2014	8/18/2014	
				DRY	DRY	DRY	
Coot	1,400	100	0	0	0	0	1,500
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	0	0	0	0	0	0
White-fronted goose	0	0	0	0	0	0	0
White goose	0	0	0	0	0	0	0
Western Canada goose	110	140	0	0	0	0	250
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	0	0	0	0	0	0	0
<b>TOTAL GEESE</b>	<b>110</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>250</b>
Mallard	3,280	1,300	22	0	0	0	4,602
Pintail	2,160	100	0	0	0	0	2,260
Gadwall	350	90	0	0	0	0	440
Wigeon	0	0	0	0	0	0	0
Green-winged teal	370	700	0	0	0	0	1,070
Cinnamon teal	78	240	0	0	0	0	318
N. shoveler	500	320	0	0	0	0	820
Wood duck	25	10	2	0	0	0	37
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>6,763</b>	<b>2,760</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,547</b>
Ring-necked duck	0	0	0	0	0	0	0
Ruddy duck	4	0	0	0	0	0	4
Bufflehead	0	0	0	0	0	0	0
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
<b>TOTAL DIVERS</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4</b>
<b>TOTAL DUCKS</b>	<b>6,767</b>	<b>2,760</b>	<b>24</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9,551</b>
<b>PERCENTAGES</b>	<b>70.9</b>	<b>28.9</b>	<b>0.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge	Sacramento	Delevan	Colusa	Sutter	Butte	Llano	GRAND
Date	9/3/2014	9/4/2014	9/4/2014	9/3/2014	Sink 9/4/2014	Seco 9/4/2014	TOTALS
% of Wetlands Flooded	28%	16%	3%	0%	58%	0%	
Coot	1,250	200	0	0	160	0	1,610
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	0	0	0	0	0	0
White-fronted goose	134	160	0	0	1	0	295
White goose	0	0	0	0	0	0	0
Western Canada goose	264	119	0	0	8	0	391
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	0	0	0	0	0	0	0
<b>TOTAL GEESE</b>	<b>398</b>	<b>279</b>	<b>0</b>	<b>0</b>	<b>9</b>	<b>0</b>	<b>686</b>
Mallard	4,000	4,630	0	3	160	8	8,801
Pintail	25,030	22,000	0	0	19,560	0	66,590
Gadwall	2,920	850	0	0	28	0	3,798
Wigeon	220	250	0	0	290	0	760
Green-winged teal	7,170	8,500	0	0	72	0	15,742
Cinnamon teal	140	315	0	0	0	0	455
N. shoveler	5,160	4,200	0	0	770	3	10,133
Wood duck	10	60	0	0	2	0	72
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>44,650</b>	<b>40,805</b>	<b>0</b>	<b>3</b>	<b>20,882</b>	<b>11</b>	<b>106,351</b>
Ring-necked duck	0	0	0	0	0	0	0
Ruddy duck	0	0	0	0	0	0	0
Bufflehead	0	0	0	0	0	0	0
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
<b>TOTAL DIVERS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>TOTAL DUCKS</b>	<b>44,650</b>	<b>40,805</b>	<b>0</b>	<b>3</b>	<b>20,882</b>	<b>11</b>	<b>106,351</b>
<b>PERCENTAGES</b>	<b>42.0</b>	<b>38.4</b>	<b>0.0</b>	<b>0.0</b>	<b>19.6</b>	<b>0.0</b>	

Llano Seco: livestock pond water only.

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge Date % of Wetlands Flooded	Sacramento 9/16/2014 40%	Delevan 9/15/2014 34%	Colusa 9/17/2014 13%	Sutter 9/16/2014 9%	Butte Sink 9/19/2014 87%	Llano Seco 9/23/2014 0%	GRAND TOTALS
Coot	4,030	900	129	0	970	0	6,029
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	0	0	0	0	6	6
White-fronted goose	650	35	130	0	30	0	845
White goose	0	0	0	0	0	0	0
Western Canada goose	320	110	15	0	0	0	445
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	0	0	0	0	0	0	0
<b>TOTAL GEESE</b>	<b>970</b>	<b>145</b>	<b>145</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>1,290</b>
Mallard	10,380	4,200	239	1,850	214	0	16,883
Pintail	68,480	37,800	12,473	11,650	7,200	0	137,603
Gadwall	6,310	1,780	42	140	130	0	8,402
Wigeon	1,300	950	0	40	262	0	2,552
Green-winged teal	13,750	10,200	6	140	350	0	24,446
Cinnamon teal	230	210	1	0	6	0	447
N. shoveler	12,300	3,450	837	180	1,191	0	17,958
Wood duck	0	30	0	20	0	0	50
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>112,750</b>	<b>58,620</b>	<b>13,598</b>	<b>14,020</b>	<b>9,353</b>	<b>0</b>	<b>208,341</b>
Ring-necked duck	0	0	0	0	45	0	45
Ruddy duck	0	0	0	0	5	0	5
Bufflehead	0	0	0	0	0	0	0
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
<b>TOTAL DIVERS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>50</b>
<b>TOTAL DUCKS</b>	<b>112,750</b>	<b>58,620</b>	<b>13,598</b>	<b>14,020</b>	<b>9,403</b>	<b>0</b>	<b>208,391</b>
<b>PERCENTAGES</b>	<b>54.1</b>	<b>28.1</b>	<b>6.5</b>	<b>6.7</b>	<b>4.5</b>	<b>0.0</b>	

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge	Sacramento	Delevan	Colusa	Sutter	Butte	Llano	GRAND
Date	10/6/2014	10/8/2014	10/6/2014	10/3/2014	10/7/2014	10/8/2014	TOTALS
% of Wetlands Flooded	64%	62%	41%	14%	97%	0%	
Coot	15,000	5,850	1,137	400	2,226	0	24,613
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	280	326	0	15	0	621
White-fronted goose	132,450	134,600	27,185	27,500	14,850	0	336,585
White goose	2,600	720	16	0	0	0	3,336
Western Canada goose	224	24	75	0	0	80	403
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	10	8	7	0	0	0	25
<b>TOTAL GEESE</b>	<b>135,284</b>	<b>135,352</b>	<b>27,283</b>	<b>27,500</b>	<b>14,850</b>	<b>80</b>	<b>340,349</b>
Mallard	13,190	7,400	1,853	5,750	659	20	28,872
Pintail	92,900	105,860	30,030	113,360	29,665	40	371,855
Gadwall	16,730	12,590	1,483	1,030	1,980	20	33,833
Wigeon	10,850	6,350	2,058	1,030	5,868	10	26,166
Green-winged teal	36,650	32,300	375	900	657	10	70,892
Cinnamon teal	410	140	24	0	0	0	574
N. shoveler	25,580	14,900	5,664	1,030	4,948	0	52,122
Wood duck	70	100	2	0	2	0	174
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>196,380</b>	<b>179,640</b>	<b>41,489</b>	<b>123,100</b>	<b>43,779</b>	<b>100</b>	<b>584,488</b>
Ring-necked duck	1,200	450	188	50	340	0	2,228
Ruddy duck	100	150	2	0	83	0	335
Bufflehead	0	0	0	0	0	0	0
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
<b>TOTAL DIVERS</b>	<b>1,300</b>	<b>600</b>	<b>190</b>	<b>50</b>	<b>423</b>	<b>0</b>	<b>2,563</b>
<b>TOTAL DUCKS</b>	<b>197,680</b>	<b>180,240</b>	<b>41,679</b>	<b>123,150</b>	<b>44,202</b>	<b>100</b>	<b>587,051</b>
<b>PERCENTAGES</b>	<b>33.7</b>	<b>30.7</b>	<b>7.1</b>	<b>21.0</b>	<b>7.5</b>	<b>0.0</b>	

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge Date	Sacramento 10/24/2014	Delevan 10/20/2014	Colusa 10/21/2014	Sutter 10/21/2014	Butte Sink 10/21/2014	Llano Seco 10/20/2014	GRAND TOTALS
<b>% of Wetlands Flooded</b>	77%	79%	69%	17%	100%		
Coot	10,222	13,360	1,908	560	1,958	0	28,008
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	244	431	0	74	76	825
White-fronted goose	94,226	119,500	24,698	53,300	1,065	0	292,789
White goose	14,535	5,300	6	2	0	0	19,843
Western Canada goose	80	0	0	0	0	27	107
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	4	0	8	0	0	0	12
<b>TOTAL GEESE</b>	<b>108,845</b>	<b>124,800</b>	<b>24,712</b>	<b>53,302</b>	<b>1,065</b>	<b>27</b>	<b>312,751</b>
Mallard	22,452	14,590	3,009	3,595	878	18	44,542
Pintail	545,915	129,500	24,396	56,820	57,858	0	814,489
Gadwall	29,467	15,870	4,079	850	4,146	0	54,412
Wigeon	30,339	20,900	2,132	1,605	9,845	0	64,821
Green-winged teal	65,661	45,200	5,877	930	12,640	0	130,308
Cinnamon teal	5	455	0	0	0	0	460
N. shoveler	40,373	19,750	7,912	1,900	7,495	0	77,430
Wood duck	13	450	2	0	2	0	467
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>734,225</b>	<b>246,715</b>	<b>47,407</b>	<b>65,700</b>	<b>92,864</b>	<b>18</b>	<b>1,186,929</b>
Ring-necked duck	1,930	0	482	0	1,630	0	4,042
Ruddy duck	0	200	0	0	11	0	211
Bufflehead	0	0	0	0	0	0	0
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
<b>TOTAL DIVERS</b>	<b>1,930</b>	<b>200</b>	<b>482</b>	<b>0</b>	<b>1,641</b>	<b>0</b>	<b>4,253</b>
<b>TOTAL DUCKS</b>	<b>736,155</b>	<b>246,915</b>	<b>47,889</b>	<b>65,700</b>	<b>94,505</b>	<b>18</b>	<b>1,191,182</b>
<b>PERCENTAGES</b>	<b>61.8</b>	<b>20.7</b>	<b>4.0</b>	<b>5.5</b>	<b>7.9</b>	<b>0.0</b>	

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge	Sacramento	Delevan	Colusa	Sutter	Butte Sink	Llano Seco	GRAND TOTALS
	11/3/2014	11/4/2014	11/4/2014	11/3/2014	11/4/2014	11/6/2014	
<b>% of Wetlands Flooded</b>	<b>88%</b>	<b>88%</b>	<b>88%</b>	<b>17%</b>	<b>100%</b>	<b>10%</b>	
Coot	39,070	25,500	4,669	640	3,741	0	73,620
Tundra Swan	0	0	0	1	0	0	1
Sandhill Crane	0	64	223	0	0	380	667
White-fronted goose	38,595	27,380	9,697	53,000	1,605	15,869	146,146
White goose	17,360	9,050	695	620	0	8	27,733
Western Canada goose	40	0	0	0	0	44	84
Aleutian Canada goose	0	0	0	3	0	0	3
Cackling Canada goose	144	0	2	0	0	0	146
<b>TOTAL GEESE</b>	<b>56,139</b>	<b>36,430</b>	<b>10,394</b>	<b>53,623</b>	<b>1,605</b>	<b>15,921</b>	<b>174,112</b>
Mallard	17,610	13,104	3,691	4,175	798	40	39,418
Pintail	291,745	277,300	24,173	65,800	31,396	3,800	694,214
Gadwall	37,510	25,030	5,265	4,675	14,926	130	87,536
Wigeon	41,405	35,200	4,175	18,500	20,179	240	119,699
Green-winged teal	46,700	79,560	7,462	1,050	889	0	135,661
Cinnamon teal	280	144	6	0	0	0	430
N. shoveler	31,470	27,390	10,486	16,500	6,626	0	92,472
Wood duck	50	350	6	0	4	2	412
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>466,770</b>	<b>458,078</b>	<b>55,264</b>	<b>110,700</b>	<b>74,818</b>	<b>4,212</b>	<b>1,169,842</b>
Ring-necked duck	8,000	1,100	420	0	100	0	9,620
Ruddy duck	300	400	20	0	60	0	780
Bufflehead	30	50	10	0	1	0	91
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
<b>TOTAL DIVERS</b>	<b>8,330</b>	<b>1,550</b>	<b>450</b>	<b>0</b>	<b>161</b>	<b>0</b>	<b>10,491</b>
<b>TOTAL DUCKS</b>	<b>475,100</b>	<b>459,628</b>	<b>55,714</b>	<b>110,700</b>	<b>74,979</b>	<b>4,212</b>	<b>1,180,333</b>
<b>PERCENTAGES</b>	<b>40.3</b>	<b>38.9</b>	<b>4.7</b>	<b>9.4</b>	<b>6.4</b>	<b>0.4</b>	

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge Date % of Wetlands Flooded	Sacramento 11/18/2014 91%	Delevan 11/20/2014 92%	Colusa 11/17/2014 89%	Sutter 11/21/2014 17%	Butte Sink 11/18/2014 100%	Llano Seco 11/18/2014 45%	GRAND TOTALS
Coot	47,500	25,630	6,022	340	9,638	44	89,174
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	0	397	0	2	470	869
White-fronted goose	6,515	600	9,609	10,600	1,890	4,000	33,214
White goose	91,700	9,100	22,689	51,500	3,720	0	178,709
Western Canada goose	70	24	0	0	0	6	100
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	30	0	3	0	0	0	33
<b>TOTAL GEESE</b>	<b>98,315</b>	<b>9,724</b>	<b>32,301</b>	<b>62,100</b>	<b>5,610</b>	<b>4,006</b>	<b>212,056</b>
Mallard	23,630	15,330	4,077	5,955	958	455	50,405
Pintail	146,690	146,450	19,970	105,650	86,956	11,750	517,466
Gadwall	35,700	25,800	6,968	6,875	6,187	210	81,740
Wigeon	13,000	19,250	7,579	36,500	69,198	710	146,237
Green-winged teal	37,700	77,450	7,197	3,025	5,770	440	131,582
Cinnamon teal	140	90	10	0	0	0	240
N. shoveler	29,980	29,450	10,166	21,150	9,534	310	100,590
Wood duck	50	40	8	3	0	0	101
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>286,890</b>	<b>313,860</b>	<b>55,975</b>	<b>179,158</b>	<b>178,603</b>	<b>13,875</b>	<b>1,028,361</b>
Ring-necked duck	17,370	3,150	215	0	2,500	0	23,235
Ruddy duck	2,920	900	0	0	414	0	4,234
Bufflehead	230	220	54	0	6	14	524
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 <sup>1</sup>	6	0	0	0	0	14	20
<b>TOTAL DIVERS</b>	<b>20,526</b>	<b>4,270</b>	<b>269</b>	<b>0</b>	<b>2,920</b>	<b>28</b>	<b>28,013</b>
<b>TOTAL DUCKS</b>	<b>307,416</b>	<b>318,130</b>	<b>56,244</b>	<b>179,158</b>	<b>181,523</b>	<b>13,903</b>	<b>1,056,374</b>
<b>PERCENTAGES</b>	<b>29.1</b>	<b>30.1</b>	<b>5.3</b>	<b>17.0</b>	<b>17.2</b>	<b>1.3</b>	

<sup>1</sup> Other Divers = Hooded Merganser

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge Date % of Wetlands Flooded	Sacramento 12/1/2014 93%	Delevan 12/2/2014 95%	Colusa 12/4/2014 93%	Sutter 12/4/2014 25%	Butte Sink 12/4/2014 100%	Llano Seco 12/1/2014 68%	GRAND TOTALS
Coot	43,810	28,350	8,740	410	3,640	280	85,230
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	0	0	0	0	161	161
White-fronted goose	20,426	150	7,324	10,600	370	32,850	71,720
White goose	44,400	0	57,665	13,100	0	0	115,165
Western Canada goose	32	0	0	0	0	0	32
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	0	0	0	0	0	20	20
<b>TOTAL GEESE</b>	<b>64,858</b>	<b>150</b>	<b>64,989</b>	<b>23,700</b>	<b>370</b>	<b>32,870</b>	<b>186,937</b>
Mallard	17,730	11,410	5,205	1,899	383	2,180	38,807
Pintail	178,340	35,300	33,377	17,045	36,617	42,200	342,879
Gadwall	41,690	20,750	5,762	1,397	2,720	2,600	74,919
Wigeon	11,680	5,570	13,854	1,930	16,785	12,250	62,069
Green-winged teal	40,750	56,550	23,275	2,250	1,170	4,390	128,385
Cinnamon teal	80	40	0	2	0	0	122
N. shoveler	33,060	22,470	11,235	2,165	7,095	5,750	81,775
Wood duck	0	0	8	0	0	0	8
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>323,330</b>	<b>152,090</b>	<b>92,716</b>	<b>26,688</b>	<b>64,770</b>	<b>69,370</b>	<b>728,964</b>
Ring-necked duck	14,475	2,230	611	5	200	0	17,521
Ruddy duck	3,920	1,970	12	0	240	0	6,142
Bufflehead	285	30	67	0	6	0	388
Redhead	0	0	0	0	0	0	0
Canvasback	0	20	0	0	0	0	20
Lesser scaup	0	0	0	0	0	0	0
other divers	0	0	0	0	0	0	0
<b>TOTAL DIVERS</b>	<b>18,680</b>	<b>4,250</b>	<b>690</b>	<b>5</b>	<b>446</b>	<b>0</b>	<b>24,071</b>
<b>TOTAL DUCKS</b>	<b>342,010</b>	<b>156,340</b>	<b>93,406</b>	<b>26,693</b>	<b>65,216</b>	<b>69,370</b>	<b>753,035</b>
<b>PERCENTAGES</b>	<b>45.4</b>	<b>20.8</b>	<b>12.4</b>	<b>3.5</b>	<b>8.7</b>	<b>9.2</b>	



## Sacramento NWR Complex Waterfowl Survey Summary

Refuge Date % of Wetlands Flooded	Sacramento 1/5/2015 100%	Delevan 1/6/2015 100%	Colusa 1/5/2015 96%	Sutter 1/6/2015 95%	Butte Sink 1/8/2015 100%	Llano Seco 1/8/2015 92%	GRAND TOTALS
Coot	53,330	29,050	9,115	4,070	3,214	4,400	103,179
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	0	0	0	0	7	7
White-fronted goose	31,570	19,460	11,319	13,020	270	19,080	94,719
White goose	100,650	49,050	14,673	122,492	60	101,310	388,235
Western Canada goose	41	0	0	13	0	142	196
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	50	0	72	0	0	150	272
<b>TOTAL GEESE</b>	<b>132,311</b>	<b>68,510</b>	<b>26,064</b>	<b>135,525</b>	<b>330</b>	<b>120,682</b>	<b>483,422</b>
Mallard	15,522	12,580	4,498	7,527	427	2,850	43,404
Pintail	78,640	90,530	26,675	107,240	35,290	25,650	364,025
Gadwall	42,680	29,370	5,994	1,685	3,196	3,200	86,125
Wigeon	13,820	22,000	12,148	27,652	9,305	48,400	133,325
Green-winged teal	43,250	88,780	11,098	7,805	1,316	10,090	162,339
Cinnamon teal	170	50	6	0	0	0	226
N. shoveler	37,700	31,230	12,166	13,620	9,499	6,620	110,835
Wood duck	0	0	8	0	0	0	8
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>231,782</b>	<b>274,540</b>	<b>72,593</b>	<b>165,529</b>	<b>59,033</b>	<b>96,810</b>	<b>900,287</b>
Ring-necked duck	11,900	6,750	948	1,020	7,140	80	27,838
Ruddy duck	3,010	3,850	64	10	890	20	7,844
Bufflehead	920	370	429	51	3	163	1,936
Redhead	0	0	0	0	3	0	3
Canvasback	0	0	0	0	1	0	1
Lesser scaup	0	0	0	0	0	0	0
other divers <sup>1</sup>	16	0	2	0	0	4	22
<b>TOTAL DIVERS</b>	<b>15,846</b>	<b>10,970</b>	<b>1,443</b>	<b>1,081</b>	<b>8,037</b>	<b>267</b>	<b>37,644</b>
<b>TOTAL DUCKS</b>	<b>247,628</b>	<b>285,510</b>	<b>74,036</b>	<b>166,610</b>	<b>67,070</b>	<b>97,077</b>	<b>937,931</b>
<b>PERCENTAGES</b>	<b>26.4</b>	<b>30.4</b>	<b>7.9</b>	<b>17.8</b>	<b>7.2</b>	<b>10.4</b>	

<sup>1</sup> Sac and Colusa= Hooded mergansers; Llano Seco = Common Goldeneye

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge Date % of Wetlands Flooded	Sacramento 1/23/2015 100%	Delevan 1/26/2015 100%	Colusa 1/22/2015 98%	Sutter 1/26/2015 96%	Butte Sink 1/23/2015 100%	Llano Seco 1/26/2015 89%	GRAND TOTALS
Coot	60,940	34,050	9,630	7,220	1,312	5,990	119,142
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	0	0	0	0	180	180
White-fronted goose	26,030	16,870	2,150	6,930	515	11,650	64,145
White goose	72,650	17,350	9,030	3,615	31	8,265	110,941
Western Canada goose	20	64	0	3	10	21	118
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	150	0	0	1	0	0	151
<b>TOTAL GEESE</b>	<b>98,850</b>	<b>34,284</b>	<b>11,180</b>	<b>10,549</b>	<b>556</b>	<b>19,936</b>	<b>175,355</b>
Mallard	18,535	6,580	2,994	2,327	435	1,010	31,881
Pintail	77,800	38,940	14,929	8,157	10,766	21,740	172,332
Gadwall	40,895	17,360	4,833	660	1,158	725	65,631
Wigeon	17,010	5,910	5,939	640	4,757	16,655	50,911
Green-winged teal	54,820	28,200	7,382	8,700	1,091	7,795	107,988
Cinnamon teal	270	115	14	0	0	0	399
N. shoveler	43,740	22,820	9,005	1,910	3,579	11,200	92,254
Wood duck	0	0	2	0	0	0	2
other dabblers <sup>2</sup>	6	0	0	0	0	0	6
<b>TOTAL DABLERS</b>	<b>253,076</b>	<b>119,925</b>	<b>45,098</b>	<b>22,394</b>	<b>21,786</b>	<b>59,125</b>	<b>521,404</b>
Ring-necked duck	7,220	3,200	1,333	785	50	145	12,733
Ruddy duck	3,270	2,850	336	11	930	57	7,454
Bufflehead	580	340	41	63	2	174	1,200
Redhead	0	0	0	0	0	0	0
Canvasback	0	0	0	0	2	0	2
Lesser scaup	0	0	35	55	0	0	90
other divers <sup>1</sup>	8	4	2	7	0	2	23
<b>TOTAL DIVERS</b>	<b>11,078</b>	<b>6,394</b>	<b>1,747</b>	<b>921</b>	<b>984</b>	<b>378</b>	<b>21,502</b>
<b>TOTAL DUCKS</b>	<b>264,154</b>	<b>126,319</b>	<b>46,845</b>	<b>23,315</b>	<b>22,770</b>	<b>59,503</b>	<b>542,906</b>
<b>PERCENTAGES</b>	<b>48.7</b>	<b>23.3</b>	<b>8.6</b>	<b>4.3</b>	<b>4.2</b>	<b>11.0</b>	

<sup>1</sup> = Hooded mergansers, except 3 c. goldeneye at Sutter NWR & 2 c. goldeneye at Llano Seco

<sup>2</sup> = Blue-winged teal

## Sacramento NWR Complex Waterfowl Survey Summary

Refuge Date	Sacramento NWR 2/5/2015	Delevan NWR 2/4/2015	Colusa NWR 2/5/2015	Sutter NWR 2/5/2015	Llano Seco Unit (North Central Valley WMA)		GRAND TOTALS
					Butte Sink Unit (Butte Sink WMA) 2/5/2015	2/9/2015	
% of Wetlands Flooded	100%	100%	98%	94%	100%	97%	
Coot	53,155	41,250	7,454	6,670	6,170	3,480	118,179
Tundra Swan	0	0	0	0	0	0	0
Sandhill Crane	0	0	7	0	0	0	7
White-fronted goose	17,490	10,950	8,556	7,080	0	7,550	51,626
White goose	38,200	16,830	27,186	1,000	0	500	83,716
Western Canada goose	14	17	0	6	7	31	75
Aleutian Canada goose	0	0	0	0	0	0	0
Cackling Canada goose	0	0	100	0	0	40	140
<b>TOTAL GEESE</b>	<b>55,704</b>	<b>27,797</b>	<b>35,842</b>	<b>8,086</b>	<b>7</b>	<b>8,121</b>	<b>135,557</b>
Mallard	13,118	5,520	2,600	7,185	210	1,278	29,911
Pintail	54,020	32,780	13,494	21,305	1,280	1,980	124,859
Gadwall	27,800	15,790	5,020	810	1,645	664	51,729
Wigeon	9,980	7,660	5,063	1,070	50	5,314	29,137
Green-winged teal	43,770	35,050	6,367	10,955	335	10,100	106,577
Cinnamon teal	86	60	6	0	0	0	152
N. shoveler	42,770	28,900	12,070	2,540	7,420	7,620	101,320
Wood duck	0	0	2	2	0	0	4
other dabblers	0	0	0	0	0	0	0
<b>TOTAL DABLERS</b>	<b>191,544</b>	<b>125,760</b>	<b>44,622</b>	<b>43,867</b>	<b>10,940</b>	<b>26,956</b>	<b>443,689</b>
Ring-necked duck	4,315	2,050	1,500	1,760	250	1,220	11,095
Ruddy duck	2,980	2,550	59	35	2,150	10	7,784
Bufflehead	840	330	30	51	50	64	1,365
Redhead	0	0	0	0	0	0	0
Canvasback	0	0	0	1	0	0	1
Lesser scaup	0	0	0	61	0	0	61
other divers <sup>1</sup>	10	0	0	18	0	0	28
<b>TOTAL DIVERS</b>	<b>8,145</b>	<b>4,930</b>	<b>1,589</b>	<b>1,926</b>	<b>2,450</b>	<b>1,294</b>	<b>20,334</b>
<b>TOTAL DUCKS</b>	<b>199,689</b>	<b>130,690</b>	<b>46,211</b>	<b>45,793</b>	<b>13,390</b>	<b>28,250</b>	<b>464,023</b>
<b>PERCENTAGES</b>	<b>43.0</b>	<b>28.2</b>	<b>10.0</b>	<b>9.9</b>	<b>2.9</b>	<b>6.1</b>	

<sup>1</sup> Other divers = hooded mergansers, except 13 of the divers at Sutter NWR were c. goldeneyes