

U.S. Fish & Wildlife Service
Colusa National Wildlife Refuge

Pond Averages - 2018-19

Date: _____

Pond	Total Hunters	Birds	Average
3			
4			
5			
7			
8			
9			
10			
P1 A			
P1 B			
P1 C			
P2 A			
P2 B			
P2 C			
	0	0	

Date: 20-Oct

Pond	Total Hunters	Birds	Average
3	8	31	3.9
4	7	52	7.4
5	6	25	4.2
7	5	27	5.4
8	6	32	5.3
9	4	21	5.3
10	6	32	5.3
P1 A	4	38	9.5
P1 B	6	32	5.3
P1 C	4	21	5.3
P2 A	5	22	4.4
P2 B	5	28	5.6
P2 C	6	16	2.7
Total	72	377	5.2

Date: 21-Oct

Pond	Total Hunters	Birds	Average
3	2	1	0.5
4	4	2	0.5
5	2	1	0.5
7	2	1	0.5
8	2	4	2.0
9	4	17	4.3
10	2	6	3.0
P1 A	6	6	1.0
P1 B	7	21	3.0
P1 C	1	3	3.0
P2 A	4	12	3.0
P2 B	3	5	1.7
P2 C	3	8	2.7
Total	42	87	2.1

**U.S. Fish & Wildlife Service
Colusa National Wildlife Refuge**

Pond Averages - 2018-19

Date: 24-Oct

Pond	Total Hunters	Birds	Average
3	4	4	1.0
4	3	7	2.3
5	3	0	0.0
7	2	0	0.0
8	2	0	0.0
9	3	2	0.7
10	3	4	1.3
P1 A	3	8	2.7
P1 B	3	3	1.0
P1 C	5	6	1.2
P2 A	2	0	0.0
P2 B	3	0	0.0
P2 C	3	4	1.3
	39	38	1.0

Date: 27-Oct

Pond	Total Hunters	Birds	Average
3	1	1	1.0
4	4	0	0.0
5	3	0	0.0
7	7	2	0.3
8	1	1	1.0
9	1	3	3.0
10	0	0	
P1 A	3	8	2.7
P1 B	3	4	1.3
P1 C	1	0	0.0
P2 A	5	2	0.4
P2 B	3	0	0.0
P2 C	3	1	0.3
	35	22	0.6

Date: 28-Oct

Pond	Total Hunters	Birds	Average
3	0	0	
4	3	7	2.3
5	0	0	
7	4	0	0.0
8	4	0	0.0
9	1	0	0.0
10	3	4	1.3
P1 A	3	2	0.7
P1 B	4	3	0.8
P1 C	4	0	0.0
P2 A	2	2	1.0
P2 B	1	2	2.0
P2 C	2	1	0.5
	31	21	0.7

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Pond Averages - 2018-19

Date: 31-Oct

Pond	Total Hunters	Birds	Average
3	0	0	
4	2	7	3.5
5	0	0	
7	2	2	1.0
8	0	0	
9	3	2	0.7
10	5	4	0.8
P1 A	4	11	2.8
P1 B	3	14	4.7
P1 C	3	11	3.7
P2 A	3	0	0.0
P2 B	3	0	0.0
P2 C	1	2	2.0
	29	53	1.8

Date: 3-Nov

Pond	Total Hunters	Birds	Average
3	2	2	1.0
4	4	0	0.0
5	1	0	0.0
7	3	0	0.0
8	3	1	0.3
9	6	9	1.5
10	4	2	0.5
P1 A	2	9	4.5
P1 B	7	16	2.3
P1 C	5	5	1.0
P2 A	3	10	3.3
P2 B	6	1	0.2
P2 C	4	1	0.3
	50	56	1.1

Date: 4-Nov

Pond	Total Hunters	Birds	Average
3	0	0	
4	4	0	0.0
5	3	0	0.0
7	1	0	0.0
8	3	0	0.0
9	6	2	0.3
10	4	0	0.0
P1 A	6	10	1.7
P1 B	2	7	3.5
P1 C	3	1	0.3
P2 A	2	0	0.0
P2 B	3	1	0.3
P2 C	1	0	0.0
	38	21	0.6

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Pond Averages - 2018-19

Date: 7-Nov

	Total		
	Hunters	Birds	Average
3	0	0	
4	2	13	6.5
5	0	0	
7	2	0	0.0
8	2	3	1.5
9	2	5	2.5
10	3	1	0.3
P1 A	3	3	1.0
P1 B	2	2	1.0
P1 C	2	2	1.0
P2 A	2	2	1.0
P2 B	0	0	
P2 C	2	1	0.5
	22	32	1.5

Date: 10-Nov

	Total		
Pond	Hunters	Birds	Average
3			
4	2	5	2.5
5	2	1	0.5
7	4	6	1.5
8	2	4	2.0
9	4	17	4.3
10	6	4	0.7
P1 A	3	13	4.3
P1 B	3	14	4.7
P1 C	3	5	1.7
P2 A	2	6	3.0
P2 B	1	1	1.0
P2 C	4	8	2.0
	36	84	2.3

Date: 11-Nov

	Total		
Pond	Hunters	Birds	Average
3	2	5	2.5
4	4	6	1.5
5	1	2	2.0
7	2	5	2.5
8	2	14	7.0
9	3	14	4.7
10	2	0	0.0
P1 A	8	39	4.9
P1 B	3	14	4.7
P1 C	2	0	0.0
P2 A	1	1	1.0
P2 B	2	6	3.0
P2 C	4	10	2.5
	36	116	3.2

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Pond Averages - 2018-19

Date: 14-Nov

11-Nov	Total		
Pond	Hunters	Birds	Average
3	0	0	
4	3	8	2.7
5	1	3	3.0
7	2	9	4.5
8	2	4	2.0
9	3	5	1.7
10	1	3	3.0
P1 A	5	11	2.2
P1 B	4	20	5.0
P1 C	1	2	2.0
P2 A	3	4	1.3
P2 B	2	14	7.0
P2 C	3	2	0.7
	30	85	2.8

Date: 17-Nov

	Total		
Pond	Hunters	Birds	Average
3	1	2	2.0
4	6	2	0.3
5	1	1	1.0
7	4	1	0.3
8	4	1	0.3
9	6	5	0.8
10	5	3	0.6
P1 A	4	2	0.5
P1 B	4	2	0.5
P1 C	4	2	0.5
P2 A	2	5	2.5
P2 B	2	0	0.0
P2 C	5	3	0.6
	48	29	0.6

Date: 18-Nov

	Total		
Pond	Hunters	Birds	Average
3	2	1	0.5
4	4	0	0.0
5	2	3	1.5
7	3	1	0.3
8	3	2	0.7
9	1	1	1.0
10	4	4	1.0
P1 A	2	2	1.0
P1 B	3	5	1.7
P1 C	2	1	0.5
P2 A	2	2	1.0
P2 B	3	4	1.3
P2 C	4	4	1.0
	35	30	0.9

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Pond Averages - 2018-19

Date: 21-Nov

Pond	Total Hunters	Birds	Average
3	5	6	1.2
4	2	0	0.0
5	1	2	2.0
7	3	6	2.0
8	2	0	0.0
9	6	7	1.2
10	2	2	1.0
P1 A	5	4	0.8
P1 B	4	20	5.0
P1 C	4	5	1.3
P2 A	4	1	0.3
P2 B	5	6	1.2
P2 C	1	7	7.0
	44	66	1.5

Date: 24-Nov

Pond	Total Hunters	Birds	Average
3	2	3	1.5
4	4	6	1.5
5	1	0	0.0
7	4	11	2.8
8	3	5	1.7
9	5	6	1.2
10	1	0	0.0
P1 A	3	7	2.3
P1 B	4	21	5.3
P1 C	4	5	1.3
P2 A	3	1	0.3
P2 B	1	0	0.0
P2 C	2	12	6.0
	37	77	2.1

Date: 25-Nov

Pond	Total Hunters	Birds	Average
3	4	0	0.0
4	2	1	0.5
5	3	1	0.3
7	3	4	1.3
8	0	0	
9	4	0	0.0
10	4	0	0.0
P1 A	5	4	0.8
P1 B	3	3	1.0
P1 C	1	3	3.0
P2 A	2	1	0.5
P2 B	3	5	1.7
P2 C	1	1	1.0
	35	23	0.7

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Pond Averages - 2018-19

Date: 28-Nov

Pond	Total Hunters	Birds	Average
3	3	0	0.0
4	2	0	0.0
5	1	1	1.0
7	3	1	0.3
8	4	6	1.5
9	3	11	3.7
10	1	0	0.0
P1 A	2	3	1.5
P1 B	6	3	0.5
P1 C	4	0	0.0
P2 A	2	5	2.5
P2 B	2	2	1.0
P2 C	2	2	1.0
	35	34	1.0

Date: 1-Dec

Pond	Total Hunters	Birds	Average
3	4	4	1.0
4	2	0	0.0
5	2	1	0.5
7	2	0	0.0
8	3	1	0.3
9	3	4	1.3
10	3	0	0.0
P1 A	3	3	1.0
P1 B	2	4	2.0
P1 C	5	1	0.2
P2 A	2	0	0.0
P2 B	4	2	0.5
P2 C	3	5	1.7
	38	25	0.7

Date: 2-Dec

Pond	Total Hunters	Birds	Average
3	3	4	1.3
4	3	3	1.0
5	5	1	0.2
7	4	0	0.0
8	1	2	2.0
9	4	3	0.8
10	0	0	
P1 A	3	3	1.0
P1 B	4	1	0.3
P1 C	3	0	0.0
P2 A	1	1	1.0
P2 B	4	2	0.5
P2 C	5	0	0.0
	40	20	0.5

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Pond Averages - 2018-19

Date: 5-Dec

Pond	Total Hunters	Birds	Average
3	2	8	4.0
4	1	3	3.0
5	1	3	3.0
7	2	4	2.0
8	1	1	1.0
9	5	7	1.4
10	0	0	
P1 A	3	14	4.7
P1 B	3	12	4.0
P1 C	1	3	3.0
P2 A	1	0	0.0
P2 B	3	11	3.7
P2 C	1	2	2.0
	24	68	2.8

Date: 8-Dec

Pond	Total Hunters	Birds	Average
3	2	1	0.5
4	3	2	0.7
5	2	1	0.5
7	4	2	0.5
8	4	4	1.0
9	3	7	2.3
10	6	4	0.7
P1 A	3	9	3.0
P1 B	4	8	2.0
P1 C	5	0	0.0
P2 A	2	1	0.5
P2 B	3	8	2.7
P2 C	4	2	0.5
	45	49	1.1

Date: 9-Dec

Pond	Total Hunters	Birds	Average
3	1	6	6.0
4	2	0	0.0
5	3	3	1.0
7	3	1	0.3
8	2	2	1.0
9	3	4	1.3
10	3	7	2.3
P1 A	3	5	1.7
P1 B	4	5	1.3
P1 C	2	3	1.5
P2 A	2	6	3.0
P2 B	3	0	0.0
P2 C	1	6	6.0
	32	48	1.5

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Pond Averages - 2018-19

Date: 12-Dec

Pond	Total Hunters	Birds	Average
3	5	2	0.4
4	3	7	2.3
5	2	8	4.0
7	1	0	0.0
8	2	3	1.5
9	4	21	5.3
10	2	0	0.0
P1 A	3	7	2.3
P1 B	4	8	2.0
P1 C	6	11	1.8
P2 A	2	8	4.0
P2 B	2	5	2.5
P2 C	5	5	1.0
	41	85	2.1

Date: 15-Dec

Pond	Total Hunters	Birds	Average
3	4	4	1.0
4	2	9	4.5
5	4	14	3.5
7	2	13	6.5
8	3	8	2.7
9	5	26	5.2
10	2	5	2.5
P1 A	3	18	6.0
P1 B	2	3	1.5
P1 C	6	7	1.2
P2 A	2	14	7.0
P2 B	3	10	3.3
P2 C	2	4	2.0
	40	135	3.4

Date: 16-Dec

Pond	Total Hunters	Birds	Average
3	4	5	1.3
4	2	3	1.5
5	1	2	2.0
7	4	6	1.5
8	3	5	1.7
9	3	1	0.3
10	4	1	0.3
P1 A	3	9	3.0
P1 B	4	1	0.3
P1 C	3	2	0.7
P2 A	3	0	0.0
P2 B	2	0	0.0
P2 C	4	2	0.5
	40	37	0.9

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Pond Averages - 2018-19

Date: 19-Dec

Pond	Total Hunters	Birds	Average
3	1	1	1.0
4	1	1	1.0
5	5	5	1.0
7	5	5	1.0
8	3	2	0.7
9	3	13	4.3
10	2	0	0.0
P1 A	3	5	1.7
P1 B	3	5	1.7
P1 C	3	5	1.7
P2 A	3	3	1.0
P2 B	6	6	1.0
P2 C	2	5	2.5
	40	56	1.4

Date: 22-Dec

Pond	Total Hunters	Birds	Average
3	2	1	0.5
4	4	5	1.3
5	3	5	1.7
7	2	0	0.0
8	4	4	1.0
9	2	5	2.5
10	5	4	0.8
P1 A	3	4	1.3
P1 B	2	2	1.0
P1 C	3	0	0.0
P2 A	4	4	1.0
P2 B	2	0	0.0
P2 C	3	2	0.7
	39	36	0.9

Date: 23-Dec

Pond	Total Hunters	Birds	Average
3	2	2	1.0
4	3	2	0.7
5	4	0	0.0
7	1	0	0.0
8	0	0	
9	3	2	0.7
10	3	0	0.0
P1 A	2	7	3.5
P1 B	3	2	0.7
P1 C	2	0	0.0
P2 A	2	0	0.0
P2 B	5	1	0.2
P2 C	4	6	1.5
	34	22	0.6

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Pond Averages - 2018-19

Date: 26-Dec

Pond	Total Hunters	Birds	Average
3	1	6	6.0
4	3	5	1.7
5	2	4	2.0
7	3	0	0.0
8	1	1	1.0
9	2	0	0.0
10	4	1	0.3
P1 A	3	5	1.7
P1 B	2	7	3.5
P1 C	2	4	2.0
P2 A	2	4	2.0
P2 B	3	3	1.0
P2 C	3	4	1.3
	31	44	1.4

Date: 29-Dec

Pond	Total Hunters	Birds	Average
3	3	4	1.3
4	1	2	2.0
5	4	6	1.5
7	4	5	1.3
8	4	1	0.3
9	3	21	7.0
10	7	7	1.0
P1 A	3	13	4.3
P1 B	4	8	2.0
P1 C	3	11	3.7
P2 A	4	5	1.3
P2 B	5	6	1.2
P2 C	1	4	4.0
	46	93	2.0

Date: 30-Dec

Pond	Total Hunters	Birds	Average
3	2	4	2.0
4	4	7	1.8
5	2	2	1.0
7	2	1	0.5
8	0	0	
9	5	13	2.6
10	0	0	
P1 A	4	6	1.5
P1 B	3	0	0.0
P1 C	2	2	1.0
P2 A	2	1	0.5
P2 B	1	1	1.0
P2 C	3	2	0.7
	30	39	1.3

**U.S. Fish & Wildlife Service
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Pond Averages - 2018-19

Date: 2-Jan

Pond	Total Hunters	Birds	Average
3	1	0	0.0
4	4	16	4.0
5	3	12	4.0
7	1	0	0.0
8	4	6	1.5
9	5	27	5.4
10	8	21	2.6
P1 A	3	16	5.3
P1 B	4	13	3.3
P1 C	3	21	7.0
P2 A	3	6	2.0
P2 B	4	10	2.5
P2 C	1	3	3.0
	44	151	3.4

Date: 5-Jan

Pond	Total Hunters	Birds	Average
3	1	5	5.0
4	1	7	7.0
5	1	7	7.0
7	0	0	
8	0	0	
9	2	10	5.0
10	2	5	2.5
P1 A	2	8	4.0
P1 B	2	12	6.0
P1 C	0	0	
P2 A	2	3	1.5
P2 B	0	0	
P2 C	2	14	7.0
	15	71	4.7

Date: 6-Jan

Pond	Total Hunters	Birds	Average
3	4	6	1.5
4	2	9	4.5
5	4	14	3.5
7	2	1	0.5
8	3	2	0.7
9	5	29	5.8
10	4	28	7.0
P1 A	3	15	5.0
P1 B	5	16	3.2
P1 C	3	6	2.0
P2 A	3	10	3.3
P2 B	2	5	2.5
P2 C	4	10	2.5
	44	151	3.4

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Pond Averages - 2018-19

Date: 9-Jan

Pond	Total Hunters	Birds	Average
3	2	14	7.0
4	5	7	1.4
5	4	19	4.8
7	4	7	1.8
8	2	7	3.5
9	4	12	3.0
10	4	0	0.0
P1 A	4	6	1.5
P1 B	4	16	4.0
P1 C	2	4	2.0
P2 A	2	12	6.0
P2 B	1	4	4.0
P2 C	1	0	0.0
	39	108	2.8

Date: 12-Jan

Pond	Total Hunters	Birds	Average
3	4	2	0.5
4	5	9	1.8
5	5	9	1.8
7	3	1	0.3
8	5	8	1.6
9	7	11	1.6
10	2	2	1.0
P1 A	3	11	3.7
P1 B	5	10	2.0
P1 C	3	6	2.0
P2 A	3	6	2.0
P2 B	3	17	5.7
P2 C	6	22	3.7
	54	114	2.1

Date: 13-Jan

Pond	Total Hunters	Birds	Average
3	4	0	0.0
4	3	18	6.0
5	2	10	5.0
7	3	5	1.7
8	3	1	0.3
9	6	6	1.0
10	2	1	0.5
P1 A	3	12	4.0
P1 B	3	0	0.0
P1 C	4	6	1.5
P2 A	2	2	1.0
P2 B	6	7	1.2
P2 C	2	5	2.5
	42	73	1.7

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Pond Averages - 2018-19

Date: 16-Jan

Pond	Total Hunters	Birds	Average
3	5	20	4.0
4	2	4	2.0
5	3	14	4.7
7	4	7	1.8
8	4	2	0.5
9	3	14	4.7
10	2	7	3.5
P1 A	3	21	7.0
P1 B	4	8	2.0
P1 C	2	11	5.5
P2 A	4	11	2.8
P2 B	4	10	2.5
P2 C	5	17	3.4
	45	146	3.2

Date: 19-Jan

Pond	Total Hunters	Birds	Average
3	4	0	0.0
4	2	6	3.0
5	6	3	0.5
7	3	0	0.0
8	3	0	0.0
9	4	3	0.8
10	5	1	0.2
P1 A	4	2	0.5
P1 B	4	1	0.3
P1 C	4	1	0.3
P2 A	1	0	0.0
P2 B	3	7	2.3
P2 C	3	0	0.0
	46	24	0.5

Date: 20-Jan

Pond	Total Hunters	Birds	Average
3	1	1	1.0
4	5	4	0.8
5	1	2	2.0
7	3	0	0.0
8	5	0	0.0
9	3	0	0.0
10	6	1	0.2
P1 A	3	4	1.3
P1 B	2	0	0.0
P1 C	5	0	0.0
P2 A	1	0	0.0
P2 B	2	0	0.0
P2 C	3	3	1.0
	40	15	0.4

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Pond Averages - 2018-19

Date: 23-Jan

Pond	Total Hunters	Birds	Average
3	5	7	1.4
4	3	5	1.7
5	2	2	1.0
7	2	3	1.5
8	3	2	0.7
9	4	17	4.3
10	0	0	
P1 A	3	18	6.0
P1 B	4	18	4.5
P1 C	2	10	5.0
P2 A	3	21	7.0
P2 B	2	10	5.0
P2 C	3	17	5.7
	36	130	3.6

Date: 26-Jan

Pond	Total Hunters	Birds	Average
3	5	7	1.4
4	5	4	0.8
5	2	10	5.0
7	3	4	1.3
8	2	6	3.0
9	7	18	2.6
10	5	17	3.4
P1 A	4	27	6.8
P1 B	7	14	2.0
P1 C	4	12	3.0
P2 A	4	3	0.8
P2 B	3	11	3.7
P2 C	2	3	1.5
	53	136	2.6

Date: 27-Jan

Pond	Total Hunters	Birds	Average
3	1	1	1.0
4	4	7	1.8
5	2	1	0.5
7	1	3	3.0
8	2	2	1.0
9	4	3	0.8
10	2	1	0.5
P1 A	6	17	2.8
P1 B	2	7	3.5
P1 C	2	4	2.0
P2 A	3	13	4.3
P2 B	4	2	0.5
P2 C	3	4	1.3
	36	65	1.8