

**Upper Mississippi River National Wildlife & Fish Refuge - Waterfowl Aerial Surveys**

DATE(S)

PILOT

OBSERVERS

WEATHER

NOTES

November 7, 2013

M. Cruce

A. Yetter (ILNHS)

30 degrees, Overcast, SW winds @ 5-15 mph

Pools 4-7; not flown due to weather

Pools 8-11; not flown due to weather

Pools 12-14

**TABLE 1. SURVEY OF ALL AREAS**

SPECIES	POOL 4 RIECK'S LAKE CLOSED	Pool 4 Peterson Closed	POOL 4 Big Lake CLOSED	POOL 4 NELSON TREVINO	POOL 4 OPEN	POOL 5 SPRING LAKE CLOSED	POOL 5 CLOSED	POOL 5 OPEN	POOL 5A CLOSED	POOL 5A OPEN	POOL 6 TREMPE NWR	POOL 7 ONALASKA CLOSED	POOL 7 OPEN	POOL 8 WISC. ISLANDS CLOSED	POOL 8 OPEN	POOL 8 BLUE/TAR OPEN	POOL 8 GOOSE ISL. CLOSED	POOL 9 HARPERS CLOSED	POOL 9 POOL SLOUGH SANCTUARY	POOL 9 BIG LAKE	POOL 9 RUSH CR	POOL 9 SUGAR CR	
SWANS																							
CANADA GEESE																							
OTHER GEESE																							
MALLARD																							
BLACK DUCK																							
PINTAIL																							
GADWALL																							
WIGEON																							
N. SHOVELER																							
BLUE-WINGED TEAL																							
GREEN-WINGED TEAL																							
WOOD DUCK																							
REDHEAD																							
CANVASBACK																							
RINGNECK																							
SCAUP																							
C. GOLDENEYE																							
BUFFLEHEAD																							
MERGANSE (Hooded)																							
RUDDY DUCK																							
<b>DUCKS, GEESE &amp; SWAN TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>PUDDLE DUCKS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>DIVING DUCKS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>OTHER SPECIES</b>																							
GREAT BLUE HERON																							
GREAT EGRET																							
BALD EAGLE																							
COOT																							
WHITE PELICAN																							
CORMORANT																							

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TABLE 1(continued). SURVEY OF ALL AREAS

SPECIES	POOL 10 OPEN	POOL 10 12 MILE ISL CLOSED	POOL 10 STURGEON	POOL 10 WISC RIVER PRE-NOV1	POOL 10 WISC RIVER POST-NOV1	POOL 11 BIG POND/12 MILE ISL CLOSED	POOL 11 HAY MEADOW CLOSED	POOL 11 BERT-MC CLOSED	POOL 11 SNYDER	POOL 11 POTOSI	POOL 11 JOHN DEERE CLOSED	POOL 11 O'LEARY	POOL 12 KEHOUGH CLOSED	POOL 12 DEADMAN	POOL 12 GALENA	POOL 12 WISE LAKE	POOL 13 LOST MOUND	POOL 13 PLEASANT CREEK	POOL 13 GREEN ISLAND	POOL 13 SPRING LK UPPER	POOL 13 SPRING LK LOWER	POOL 13 ELK RIVER	POOL 13 LOWER POOL	POOL 14 BEAVER ISLAND	TOTAL	
SWANS																			5	25	705	15			750	
CANADA GEESE																	620	660	250	200	850	2,200			4,780	
OTHER GEESE																									0	
MALLARD															10		920	750	2,550	100	4,300	1,400	310	1,000	11,340	
BLACKDUCK																									0	
PINTAIL																				10	400				410	
GADWALL																110	150	100	3,800	1,110	7,100		2,200		14,570	
WIGEON																10					200		200		410	
N. SHOVELER																		100		100	100				300	
BLUE-WINGED TEAL																									0	
GREEN-WINGED TEAL														60			1,610	550	9,000		1,200	1,200			13,620	
WOODDUCK																									0	
REDHEAD																									0	
CANVASBACK																900					7,700		13,650		22,250	
RINGNECK																350				50	12,100		9,700		22,200	
SCAUP																600							30,410		31,010	
C. GOLDENEYE																									0	
BUFFLEHEAD																110							100		210	
MERGANSE (Hooded)																20							30		50	
RUDDY DUCK																100							6,850		6,950	
<b>DUCKS, GEESE &amp; SWAN TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>10</b>	<b>2,200</b>	<b>3,300</b>	<b>2,160</b>	<b>15,605</b>	<b>1,595</b>	<b>34,655</b>	<b>4,815</b>	<b>63,450</b>	<b>1,000</b>	<b>128,850</b>	
<b>PIDDLE DUCKS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>10</b>	<b>120</b>	<b>2,680</b>	<b>1,500</b>	<b>15,350</b>	<b>1,320</b>	<b>13,300</b>	<b>2,600</b>	<b>2,710</b>	<b>1,000</b>	<b>40,650</b>	
<b>DIVING DUCKS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,080</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>19,800</b>	<b>0</b>	<b>60,740</b>	<b>0</b>	<b>82,670</b>	
<b>OTHER SPECIES</b>																										
GREAT BLUE HERON																										0
GREAT EGRET																										0
BALD EAGLE																8	5	53	1				3		4	74
COOT																2,600			6,200	400	3,000		33,200		45,400	
W. PELICAN																				65	20	35			120	
CORMORANT																										0

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TABLE 2. OPEN/CLOSED AREA SUMMARY.

	POOL 4 CLOSED	POOL 4 OPEN	POOL 5 CLOSED	POOL 5 OPEN	POOL 5A CLOSED	POOL 5A OPEN	POOL 6 TREMP	POOL 7 CLOSED	POOL 7 OPEN	POOL 8 CLOSED	POOL 8 OPEN	POOL 9 CLOSED	POOL 9 OPEN	POOL 10 CLOSED	POOL 10 OPEN	POOL 11 CLOSED	POOL 11 OPEN	POOL 12 CLOSED	POOL 12 OPEN	POOL 13 CLOSED	POOL 13 OPEN	POOL 14 CLOSED	TOTALS
SWANS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	745	5	0	750
CANADA GEESE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,530	250	0	4,780
OTHER GEESE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALLARD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	7,470	2,860	1,000	11,340
BLACKDUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PINTAIL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	410	0	410
GADWALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	8,460	6,000	0	14,570
WIGEON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	200	200	0	410
N. SHOVELER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300	0	0	300
BLUE-WINGED TEAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREEN-WINGED TEAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	4,560	9,000	0	13,620
WOODDUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REDHEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CANVASBACK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	900	7,700	13,650	0	22,250
RINGNECK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350	12,150	9,700	0	22,200
SCAUP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600	0	30,410	0	31,010
C. GOLDENEYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BUFFLEHEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	0	100	0	210
MERGANSER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	30	0	50
RUDDY DUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	6,850	0	6,950
<b>DUCKS, GEESE &amp; SWAN TOTALS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,270</b>	<b>46,525</b>	<b>79,055</b>	<b>1,000</b>	<b>128,850</b>
<b>PUDDLE DUCKS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>190</b>	<b>21,400</b>	<b>18,060</b>	<b>1,000</b>	<b>40,650</b>
<b>DIVING DUCKS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,080</b>	<b>19,850</b>	<b>60,740</b>	<b>0</b>	<b>82,670</b>
<b>OTHER SPECIES</b>																							
GREAT BLUE HERON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
GREAT EGRET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BALD EAGLE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	58	4	0	74
COOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,600	3,400	39,400	0	45,400
W. PELICAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	85	35	0	120
CORMORANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0