

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

DATE(S)

PILOT

OBSERVERS

WEATHER

NOTES

November 27, 2013

M. Cruce

A. Yetter (IL NHS)

Clear, 24 degrees, NW winds @ 13 mph

Pools 4-7; not flown due to weather

Pools 8-11; not flown due to weather

Pools 12-14; major areas of ice now cover the pools.

**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																							
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																						25	25	1,035	1,085	
CANADA GEESE																				250	200	900		50	1,400	
OTHER GEESE																									0	
MALLARD													20			540				25		300	6,260	400	100	7,645
BLACKDUCK																									0	
PINTAIL																									0	
GADWALL																									0	
WIGEON																									0	
N. SHOVELER																									0	
BLUE-WINGED TEAL																									0	
GREEN-WINGED TEAL																									0	
WOODDUCK																									0	
REDHEAD																									0	
CANVASBACK																100								23,900	24,000	
RINGNECK																								100	100	
SCAUP																								2,700	2,700	
C. GOLDENEYE																10							200	8,000	8,210	
BUFFLEHEAD																								150	150	
MERGANSE																								1,675	1,675	
RUDDY DUCK																10									10	
<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>20</b>	<b>0</b>	<b>0</b>	<b>660</b>	<b>0</b>	<b>0</b>	<b>275</b>	<b>0</b>	<b>525</b>	<b>7,385</b>	<b>37,960</b>	<b>150</b>	<b>46,975</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>20</b>	<b>0</b>	<b>0</b>	<b>540</b>	<b>0</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>300</b>	<b>6,260</b>	<b>400</b>	<b>100</b>	<b>7,645</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>120</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>36,525</b>	<b>0</b>	<b>36,845</b>	
<b>OTHER SPECIES</b>																										
GREAT BLUE HERON																										0
GREAT EGRET																										0
BALD EAGLE														1		3	5	10					18	24	1	62
COOT																										0
W. PELICAN																										0
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	50	1,035	0	1,085
CANADA GEESE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,100	250	50	1,400
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	20	540	6,560	425	100	7,645
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	0	0	0
GADWALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
WIGEON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
N. SHOVELER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0
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	100	0	23,900	0	24,000
RINGNECK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	100
SCAUP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,700	0	2,700
C. GOLDFEYER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	200	8,000	0	8,210
BUFFLEHEAD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	150	0	150
MERGANSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,675	0	1,675
RUDDY DUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	10
<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>20</b>	<b>660</b>	<b>7,910</b>	<b>38,235</b>	<b>150</b>	<b>46,975</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>20</b>	<b>540</b>	<b>6,560</b>	<b>425</b>	<b>100</b>	<b>7,645</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>120</b>	<b>200</b>	<b>36,525</b>	<b>0</b>	<b>36,845</b>

OTHER SPECIES

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	4	33	24	1	62
COOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
W. PELICAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
CORMORANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0