

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

DATE(S)

PILOT

OBSERVERS

WEATHER

NOTES

October 16, 2013

M. Cruce

A. Yetter (ILNHS)

55 degrees, Overcast, West winds @ 16 mph

Pools 4-7; Not flown due to Government Shutdown

Pools 8-11

Pools 12-14, fishing boat inside Lower Spring Lake Sanctuary

**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>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>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>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				30	
CANADA GEESE													30			585	50	370	1,020	5	750	1,005	15	5	3,835	
OTHER GEESE																									0	
MALLARD																10	135	300	60	10	600	210	50	300	1,675	
BLACKDUCK																									0	
PINTAIL																	10			5	200	50	100		365	
GADWALL																		100			500		10		610	
WIGEON																					310		5		315	
N. SHOVELER															60		20	250			250				580	
BLUE-WINGED TEAL													100					375	200		50				725	
GREEN-WINGED TEAL													10		60	225	210	2,850	200	10	150				3,715	
WOODDUCK																10		100							110	
REDHEAD																									0	
CANVASBACK																5							500		505	
RINGNECK																110					7,000		3,000		10,110	
SCAUP																							100		100	
C. GOLDENEYE																									0	
BUFFLEHEAD																									0	
MERGANSE (Hooded)																									0	
RUDDY DUCK																50							8,025	25	8,100	
<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>140</b>	<b>0</b>	<b>120</b>	<b>995</b>	<b>425</b>	<b>4,345</b>	<b>1,485</b>	<b>30</b>	<b>9,835</b>	<b>1,265</b>	<b>11,805</b>	<b>330</b>	<b>30,775</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>110</b>	<b>0</b>	<b>120</b>	<b>245</b>	<b>375</b>	<b>3,975</b>	<b>460</b>	<b>25</b>	<b>2,060</b>	<b>260</b>	<b>165</b>	<b>300</b>	<b>8,095</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>165</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,000</b>	<b>0</b>	<b>11,625</b>	<b>25</b>	<b>18,815</b>	
<b>OTHER SPECIES</b>																										
GREAT BLUE HERON																										0
GREAT EGRET																										0
BALD EAGLE																3	1						1	2		7
COOT																1,100			1,700	100	12,400		22,400		37,700	
W. PELICAN																		35			10	15	75	10	145	
CORMORANT																							90	150	240	

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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	25	5	0	30
CANADA GEESE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	585	2,180	1,035	5	3,835
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	1,255	110	300	1,675
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	265	100	0	365
GADWALL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600	10	0	610
WIGEON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	310	5	0	315
N. SHOVELER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	520	0	0	580
BLUE-WINGED TEAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	425	200	0	725
GREEN-WINGED TEAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	285	3,220	200	0	3,715
WOODDUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	100	0	0	110
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	5	0	500	0	505
RINGNECK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110	7,000	3,000	0	10,110
SCAUP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	100	0	100
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	0	0	0	0	0
MERGANSE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RUDDY DUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50	0	8,025	25	8,100
<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>140</b>	<b>1,115</b>	<b>15,900</b>	<b>13,290</b>	<b>330</b>	<b>30,775</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>110</b>	<b>365</b>	<b>6,695</b>	<b>625</b>	<b>300</b>	<b>8,095</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>165</b>	<b>7,000</b>	<b>11,625</b>	<b>25</b>	<b>18,815</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	3	2	2	0	7
COOT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,100	12,500	24,100	0	37,700
W. PELICAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60	75	10	145
CORMORANT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	90	150	240