

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

DATE: 11/18/2014 PILOT: B. Lubinski (USFWS)  
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OBSERVERS: T. Pharis (MN DNR), B. Stemper (USFWS)  
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WEATHER: Cloudy, 14 degrees, NW winds @ 12 mph  
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NOTES: Pools 4-7, Survey Areas mostly frozen, Last survey of the season.  
 NOTES: Pools 8-11, Data not available yet.  
 NOTES: Pool 13, Not flown this week due to weather/schedule, One more survey will tentatively be flown next week.

**TABLE 1. SURVEY OF ALL AREAS**

SPECIES	POOL 4 Big Lake CLOSED	POOL 5 CLOSED	POOL 5A CLOSED	POOL 6 TREMP. 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	POOL 10 STURGEON	POOL 10 WISC RIVER PRE-NOV1	POOL 10 WISC RIVER POST- NOV1
SWANS	1,205	220	540	75	60	45												
CANADA GEESE	1,210	410	110	900	955	45												
OTHER GEESE																		
MALLARD	365	2,065	900	500	785													
BLACK DUCK																		
PINTAIL																		
GADWALL																		
WIGEON																		
N. SHOVELER																		
BLUE-WINGED TEAL																		
GREEN-WINGED TEAL																		
WOOD DUCK																		
REDHEAD	20																	
CANVASBACK																		
RINGNECK																		
SCAUP	100				30													
C. GOLDENEYE	100	100			335													
BUFFLEHEAD	10	30																
MERGANSER					50													
RUDDY DUCK																		
<b>DUCKS, GEESE &amp; SWAN TOTALS</b>	<b>3,010</b>	<b>2,825</b>	<b>1,550</b>	<b>1,475</b>	<b>2,215</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>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>365</b>	<b>2,065</b>	<b>900</b>	<b>500</b>	<b>785</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>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>230</b>	<b>130</b>	<b>0</b>	<b>0</b>	<b>415</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>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	1	4	42	2	337	42												
COOT	200	65	20		10													
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 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 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	TOTAL
SWANS																	2,145
CANADA GEESE																	3,630
OTHER GEESE																	0
MALLARD																	4,615
BLACKDUCK																	0
PINTAIL																	0
GADWALL																	0
WIGEON																	0
N. SHOVELER																	0
BLUE-WINGED TEAL																	0
GREEN-WINGED TEAL																	0
WOODDUCK																	0
REDHEAD																	20
CANVASBACK																	0
RINGNECK																	0
SCAUP																	130
C. GOLDENEYE																	535
BUFFLEHEAD																	40
MERGANSE																	50
RUDDY DUCK																	0
<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>11,165</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>4,615</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>775</b>
<b>OTHER SPECIES</b>																	
GREAT BLUE HERON																	0
GREAT EGRET																	0
BALD EAGLE																	428
COOT																	295
W. PELICAN																	0
CORMORANT																	0

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**TABLE 2. OPEN/CLOSED AREA SUMMARY.**

	POOL4 CLOSED	POOL 5 CLOSED	POOL 5A CLOSED	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 13 CLOSED	POOL 13 OPEN	TOTALS
SWANS	1,205	220	540	75	60	45	0	0	0	0	0	0	0	0	0	0	2,145
CANADA GEESE	1,210	410	110	900	955	45	0	0	0	0	0	0	0	0	0	0	3,630
OTHER GEESE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MALLARD	365	2,065	900	500	785	0	0	0	0	0	0	0	0	0	0	0	4,615
BLACKDUCK	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
GADWALL	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
N. SHOVELER	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
GREEN-WINGED TEAL	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
REDHEAD	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
CANVASBACK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
RINGNECK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SCAUP	100	0	0	0	30	0	0	0	0	0	0	0	0	0	0	0	130
C. GOLDENEYE	100	100	0	0	335	0	0	0	0	0	0	0	0	0	0	0	535
BUFFLEHEAD	10	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
MERGANSER	0	0	0	0	50	0	0	0	0	0	0	0	0	0	0	0	50
RUDDY DUCK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>DUCKS, GEESE &amp; SWAN TOTALS</b>	<b>3,010</b>	<b>2,825</b>	<b>1,550</b>	<b>1,475</b>	<b>2,215</b>	<b>90</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,165</b>
<b>PUDDLE DUCKS</b>	<b>365</b>	<b>2,065</b>	<b>900</b>	<b>500</b>	<b>785</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,615</b>
<b>DIVING DUCKS</b>	<b>230</b>	<b>130</b>	<b>0</b>	<b>0</b>	<b>415</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>775</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
GREAT EGRET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BALD EAGLE	1	4	42	2	337	42	0	0	0	0	0	0	0	0	0	0	428
COOT	200	65	20	0	10	0	0	0	0	0	0	0	0	0	0	0	295
W. PELICAN	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