

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

Upper Mississippi River National Wildlife & Fish I

DATE(S)	PILOT	OBSERVERS	WEATHER	NOTES
November 1, 2005	B. Lubinski	B. Thrune, B. Stemper	43 degrees, overcast, calm	flew pools 4-8
November 1, 2005	P. Anderson	J. Nelson	40 degrees, overcast, S wind 2-5 mph	flew pools 9-13

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TABLE 1. SURVEY OF ALL AREAS

TABLE 1(continued). SURVEY OF ALL AREAS

SPECIES	POOL 4 RIECK'S LAKE	POOL 4 CLOSED	POOL 4 OPEN	POOL 5 CLOSED	POOL 5 OPEN	POOL 5A CLOSED	POOL 5A OPEN	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 CLOSED	POOL 9 BIG LAKE	POOL 9 RUSH CR	POOL 9 SUGAR CR	SPECIES	POOL 10 OPEN/CLO	POOL 11 BIG POND	POOL 11 HAY MEADOW	POOL 11 BERT-MC	POOL 11 SNYDER	POOL 11 POTOSI	POOL 11 O'LEARY	POOL 12 DEADMAN
SWANS	15			10				135	550		675				95				SWANS	10	10			5	10		
CANADA GEESE	35	795		145	145	95		665	1995		465			60	1690			25	CANADA GEESE	425	300	80	40	465		75	
OTHER GEESE																			OTHER GEESE								
MALLARD	320	725	10	1020	1050	540	5	1045	4730	95	2100	675	305	3520	8180	250	245	1435	MALLARD	155	1000	120		15	50	315	
BLACKDUCK				5	5	5					10		5	10					BLACKDUCK								
PINTAIL				5				5	90		160	10	15	70					PINTAIL								
GADWALL		30		180	50	240		620	6155	5	995	555	5	1905	500		25		GADWALL		75			400	75	150	
WIGEON				160	60	75		870	1315		375		10	500	4050	100		2200	WIGEON							125	
N. SHOVELER					15			35	115			5							N. SHOVELER								
BLUE-WINGED TEAL					20						5								BLUE-WINGED TEAL								
GREEN-WINGED TEAL				70		25			25				10		100				GREEN-WINGED TEAL		130						
WOODDUCK		20		10	10			25		25						10	15		WOODDUCK	5							
REDHEAD						10			100		15								REDHEAD								
CANVASBACK			360	70		1000		325	50435		41975	5315			139200			65310	CANVASBACK							5325	
RINGNECK			35			495		5075	7150	5	11270	1905			1000			3000	RINGNECK			20					
SCAUP			235	60		390		7775	11860		26660	900			62000			32170	SCAUP							200	
C. GOLDENEYE		45							65		195				1175				C. GOLDENEYE								
BUFFLEHEAD									15		30								BUFFLEHEAD								
MERGANSER															15				MERGANSER								
RUDDY DUCK								55			25								RUDDY DUCK								

<b>DUCKS, GEESE &amp; SWAN TOTALS</b>	<b>370</b>	<b>1,615</b>	<b>640</b>	<b>1,735</b>	<b>1,355</b>	<b>2,875</b>	<b>5</b>	<b>16,630</b>	<b>84,600</b>	<b>130</b>	<b>84,955</b>	<b>9,365</b>	<b>350</b>	<b>6,065</b>	<b>218,005</b>	<b>360</b>	<b>285</b>	<b>104,140</b>	<b>DUCKS, GEESE &amp; SWAN TOTALS</b>	<b>595</b>	<b>1,515</b>	<b>220</b>	<b>40</b>	<b>885</b>	<b>260</b>	<b>6,065</b>	<b>0</b>
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<b>PUDDLE DUCKS</b>	<b>320</b>	<b>775</b>	<b>10</b>	<b>1,450</b>	<b>1,210</b>	<b>885</b>	<b>5</b>	<b>2,600</b>	<b>12,430</b>	<b>125</b>	<b>3,645</b>	<b>1,245</b>	<b>350</b>	<b>6,005</b>	<b>12,830</b>	<b>360</b>	<b>285</b>	<b>3,635</b>	<b>PUDDLE DUCKS</b>	<b>160</b>	<b>1,205</b>	<b>120</b>	<b>0</b>	<b>415</b>	<b>250</b>	<b>465</b>	<b>0</b>
<b>DIVING DUCKS</b>	<b>0</b>	<b>45</b>	<b>630</b>	<b>130</b>	<b>0</b>	<b>1,895</b>	<b>0</b>	<b>13,230</b>	<b>69,625</b>	<b>5</b>	<b>80,170</b>	<b>8,120</b>	<b>0</b>	<b>0</b>	<b>203,390</b>	<b>0</b>	<b>0</b>	<b>100,480</b>	<b>DIVING DUCKS</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>5,525</b>	<b>0</b>	

OTHER SPECIES

OTHER SPECIES

GREAT BLUE HERON			1		2			2						1					GREAT BLUE HERON								
GREAT EGRET														3					GREAT EGRET								
BALD EAGLE	1	15		3	5		1	5	134	2	9	4	2			1	1		BALD EAGLE	2		3	2				
COOT	175	2660	3785	1595	5560	1550	550	13495	5805	1090	5695	4690	1740		5400	850	520	13405	COOT	2755					40	1640	
W. PELICAN		15	35	15		95		65	205	15	325	40			75		150		W. PELICAN	115			10	5			
CORMORANT		15						295			20								CORMORANT							20	

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NOTES  
 vercast, calm  
 flew pools 4-8  
 vercast, S wind 2-5 mph  
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TABLE 2. OPEN/CLOSED AREA SUMMARY.

POOL 12 GALENA	POOL 12 WISE LAKE	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		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 CLO/OPEN	POOL 11 CLOSED	POOL 11 OPEN	POOL 12 OPEN	POOL 13 CLOSED	POOL 13 OPEN	TOTALS	
					25			1,540	SWANS	15	0	10	0	0	0	135	550	0	675	0	95	0	10	10	15	0	25	0	1,540	
		795	1100	735	490	800	5	11,425	CANADA GEESE	830	0	145	145	95	0	665	1995	0	525	0	1690	25	425	420	540	0	2820	1105	11,425	
								0	OTHER GEESE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	150	8420	35	400	2500	420	20	39,850	MALLARD	1045	10	1020	1050	540	5	1045	4730	95	5620	980	8180	1930	155	1120	380	150	11740	55	39,850	
								40	BLACKDUCK	0	0	5	5	5	0	0	0	0	20	5	0	0	0	0	0	0	0	0	40	
								355	PINTAIL	0	0	5	0	0	0	5	90	0	230	25	0	0	0	0	0	0	0	0	355	
		200			5		5	12,175	GADWALL	30	0	180	50	240	0	620	6155	5	2900	560	500	25	0	75	625	0	205	5	12,175	
					10			9,850	WIGEON	0	0	160	60	75	0	870	1315	0	875	10	4050	2300	0	0	125	0	10	0	9,850	
								170	N. SHOVELER	0	0	0	15	0	0	35	115	0	0	5	0	0	0	0	0	0	0	0	170	
						50		75	BLUE-WINGED TEAL	0	0	0	20	0	0	0	0	0	5	0	0	0	0	0	0	0	50	0	75	
								360	GREEN-WINGED TEAL	0	0	70	0	25	0	0	25	0	70	0	100	0	0	130	0	0	0	0	360	
		10						130	WOODDUCK	20	0	10	10	0	0	25	0	25	0	0	0	25	5	0	0	0	10	0	130	
								125	REDHEAD	0	0	0	0	10	0	0	100	0	15	0	0	0	0	0	0	0	0	0	125	
						50	500	309,865	CANVASBACK	0	360	70	0	1000	0	325	50435	0	41975	5315	139200	65310	0	0	5325	0	50	500	309,865	
								29,955	RINGNECK	0	35	0	0	495	0	5075	7150	5	11270	1905	1000	3000	0	20	0	0	0	0	29,955	
							125	142,375	SCAUP	0	235	60	0	390	0	7775	11860	0	26660	900	62000	32170	0	0	200	0	125	142,375		
								1,480	C. GOLDENEYE	45	0	0	0	0	0	0	65	0	195	0	1175	0	0	0	0	0	0	0	1,480	
								45	BUFFLEHEAD	0	0	0	0	0	0	0	15	0	30	0	0	0	0	0	0	0	0	0	45	
								15	MERGANSER	0	0	0	0	0	0	0	0	0	0	0	15	0	0	0	0	0	0	0	15	
								80	RUDDY DUCK	0	0	0	0	0	0	55	0	0	25	0	0	0	0	0	0	0	0	0	0	80

0	150	9,425	1,135	1,135	3,030	1,320	655	559,910	DUCKS, GEESE & SWAN TOTALS	1,985	640	1,735	1,355	2,875	5	16,630	84,600	130	91,020	9,715	218,005	104,785	595	1,775	7,210	150	14,910	1,790	559,910
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0	150	8,630	35	400	2,515	470	25	63,005	Puddle Ducks	1,095	10	1,450	1,210	885	5	2,600	12,430	125	9,650	1,595	12,830	4,280	160	1,325	1,130	150	12,015	60	63,005
0	0	0	0	0	0	50	625	483,940	DIVING DUCKS	45	630	130	0	1,895	0	13,230	69,625	5	80,170	8,120	203,390	100,480	0	20	5,525	0	50	625	483,940

OTHER SPECIES

					1			7	GREAT BLUE HERON	0	1	0	2	0	0	2	0	0	1	0	0	0	0	0	0	0	1	0	7
1					2			6	GREAT EGRET	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	1	2	0	6
								190	BALD EAGLE	16	0	3	5	0	1	5	134	2	9	6	0	2	2	5	0	0	0	0	190
					10		915	73,925	COOT	2835	3785	1595	5560	1550	550	13495	5805	1090	5695	6430	5400	14775	2755	0	1680	0	10	915	73,925
					75	5	25	1,270	W. PELICAN	15	35	15	0	95	0	65	205	15	325	40	75	150	115	10	5	0	80	25	1,270
							10	360	CORMORANT	15	0	0	0	0	0	295	0	0	20	0	0	0	0	0	20	0	0	10	360