

Tallahatchie National Wildlife Refuge
Waterfowl Survey
Ground Count
1/6/2010

Unit	Start	Finish	Water Condition	Total ducks	Total geese	Mallards	Gadwall	Northern pintail	Northern shoveller	American wigeon	Am. green wing teal	Wood duck	Ringneck duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose
North Side, east	Tippo open, sloughs frozen			1429	0	665	240	30	50		430	14					
Walker	85% ice, surveyed large unit			5000	0	1500	1000		1000		1000		500		175		
North County Road, sloughs	Nearly all ice			0	0												
ACOE struct./diversion can.	Diversion canal 50% ice, Tippo open			161	0	94	30		15		22			3			
Field 46	100% ice			0	0												
Field 48	100% ice			0	0												
Grain bin	100% ice			0	0												
Longbranch	100% ice			0	0												
Unit 58	100% ice			0	0												
Totals				6590	0	2259	1270	30	1065	0	1452	14	500	3	175	0	0
				Total ducks	Total geese	Mallards	Gadwall	Northern pintail	Northern shoveller	American wigeon	Am. green wing teal					Greater white-fronted goose	Lesser snow goose

Clear and cold. Temperature range 15 - 40 F. Only open water Tippo Bayou and few small opening in other units. Hunting south of the highway. All birds seen were north of Hwy 8.

Coldwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
10/21/2009

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Wood duck	Scaup/ring-necked duck	American coot	Greater white-fronted goose	Lesser snow goose
A	8:57	8:57	Good	0	0	0													
B	no visibility - coffeeweed			0	0	0													
C	8:59	8:59	Excellent	0	0	0													
D	8:59	9:00	Excellent	0	0	0													
E	no visibility - coffeeweed			0	0	0													
F	9:01	9:05	Excellent	13	0	0							1	10		2			
G	9:05	9:05	Excellent	0	0	0													
H	9:06	9:06	Excellent	0	0	0													
I	8:40	8:46	Good	0	0	0													
J	8:35	8:37	Excellent	0	0	0													
K	8:53	8:54	Excellent	0	0	0													
L	no visibility - coffeeweed			0	0	0													
M	8:55	8:55	Good	0	0	0													
N	10:30	10:33	Excellent	9	0	3		7	2								3		
PP	9:14	9:18	Excellent	0	0	0													
P	10:25	10:28	Excellent	11	0	0		10		1									
Q	9:18	9:21	Excellent	0	0	0													
R	10:23	10:25	Excellent	0	0	0													
S	9:32	9:33	Excellent	0	0	0													
T	no visibility - coffeeweed			0	0	0													
U	9:34	9:41	Good	25	0	0		8			3		10	4					
V	10:20	10:21	Excellent	0	0	0													
W	10:11	10:15	Good	4	0	0		4											
X	10:16	10:20	Fair	2	0	0								2					
Borrow pits	8:21	8:27	Excellent	6	0	0										6			
South Levee	not surveyed			0	0	0													
Warwick Tract	7:47	8:09	Excellent	3	0	0										3			
Total on Ponds				64	0	3													
Totals				73	0	3	0	29	2	1	3	0	11	16	9	2	3	0	0
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Wood duck	Scaup/ring-necked duck	American coot	Greater white-fronted goose	Lesser snow goose

Sunny with scattered high clouds, 60 F. By end of survey, overcast and 75 F. Overall, visibility poor due to vegetation (many trees haven't lost leaves yet and several units have heavy growths of coffeeweed). Some shorebirds still in the area. South levee not surveyed. Additional species seen are as follows: Warwick: great blue heron (1) and belted kingfisher (1); Unit I: black-necked stilt (1), greater yellowlegs (7), killdeer (7), and dowitchers (3); Unit N: pied-billed grebe (1); PP: great egret (1); Unit P: great egret (1); Unit U: greater yellowlegs (12), dowitchers (150+), killdeer (2), and stilt sandpipers (39); Unit W: belted kingfisher (1), great egret (1), and nutria (3).

Coldwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
11/4/2009

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Scaup/ring-necked duck	American coot	Greater white-fronted goose	Lesser snow goose
A	11:56	11:57	SB DD	17	0	0		5						2			10			
B	poor visibility			0	0	0				20	25		10				16	133		
C	11:59	12:04	Good	71	0	133														
D	10:04	10:05	Good	0	0	0														
E	poor visibility			0	0	0												20		
F	10:05	10:07	Good	0	0	20														
G	10:07	10:09	Good	0	0	0														
H	10:09	10:10	Good	0	0	0														
I	9:25	9:31	SB DD	0	0	0				2	4									
J	9:16	9:21	Good	6	0	0														
K	10:12	10:13	Shallow	0	0	0														
L	poor visibility			0	0	0														
M	10:14	10:15	Shallow	0	0	0										2	6	64		
N	11:40	11:50	Good	253	0	64		48	151		20	6	20							
PP	10:47	10:50	Good	25	0	0		25										1		
P	11:27	11:33	Good	38	0	0		35	2											
Q	poor visibility		Good	0	0	0														
R	11:26	11:27	Good	0	0	0														
S	10:36	10:44	Good	0	0	0														
T	poor visibility			0	0	0														
U	11:02	11:06	SB DD	0	0	0				4							15			
V	11:20	11:22	Good	19	0	0														
W	11:08	11:11	SB DD	0	0	0														
X	11:16	11:19	Good	0	0	0											2			
Borrow pits	8:49	8:49	Good	2	0	0														
South Levee	not surveyed			0	0	0											1			
Warwick Tract	8:20	8:41	Good	1	0	0														
Total on Ponds				429	0	217														
Totals				432	0	217	0	113	179	0	49	6	30	2	2	3	48	217	0	0
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal		Wood duck	Scaup/ring-necked duck	American coot	Greater white-fronted goose	Lesser snow goose

Sunny, 60 F. Initially surveyed from ACOE levee and tripod stands. Used 4-wheeler to access stands, driving down the county line road. After completing counts from stand, rode 4-wheeler around perimeter and recounted ducks in units: A, C, N, P, U, V, and W. These recounts were entered in the above data set. This method (4-wheeler) flushes too many ducks. Additional birds seen include: Belted kingfisher - Warwick (1); Great egret - Borrow pits (1), W (1); Great blue heron - Warwick (1), A (1), D (1), P (1), U (1) W (1); Pied-billed grebe - F (1), H (5), S (5), V (1), W (2); Killdeer - I (7), S (4); Greater yellowlegs - I (6), S (3), U (13); Lesser yellowlegs - U (6); Ring-billed gull - I (6); Common snipe - S (26);

Oddwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
11/18/2009

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	American coot	Greater white-fronted goose	Lesser snow goose	
A	10:47	10:50	SB DD	0	0	0																	
B	poor visibility			0	0	0														100			
C	10:50	10:54	Good	44	0	100		44												7			
D	10:54	10:55	Good	0	0	7																	
E	poor visibility			0	0	0														31			
F	10:58	10:57	Good	0	0	31										2							
G	10:57	10:58	Good	2	0	0														22			
H	10:58	11:03	Good	1	0	22		1				2							1			5	
I	10:22	10:29	SB DD	38	5	0		3	32			2											
J	10:14	10:17	Good	6	0	0		6															
K	11:04	11:05	shallow	350	0	0		350															
L	10:13	10:14	Good	0	0	0																	
M	11:06	11:13	shallow	462	0	1		230	10			14		206				2	2	12	6	126	
N	9:58	10:13	Good	210	126	6		34	59	5		3	85	10									
PP	12:23	12:30	Good	87	0	0		80	7												4		
P	9:51	9:57	Good	14	0	4		14															
Q	11:51	11:52	Good	10	0	0		10															
R	9:49	9:51	Good	0	0	0																	
S	11:37	11:58	Good	310	63	1		257	37			14		2						1		63	
T	9:44	9:49	Good	199	0	0		199															
U	11:58	12:10	SB DD	390	0	0		20	50			70		250						33			
V	9:40	9:44	Good	33	0	0																	
W	12:10	12:13	SB DD	144	0	0		24	120														
X	9:37	9:40	Good	0	0	0																	
Borrow pits	9:30	9:35	Good	0	0	0																	
South Levee	not surveyed			0	0	0																	
Warwick Tract	9:05	9:20	Good	0	0	0																	
Total on Ponds				2300	194	172														46	172	194	0
Totals				2300	194	172	0	1272	315	5	103	85	468	0	2	0	2						
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	American coot	Greater white-fronted goose	Lesser snow goose	

Overcast and 50 F. Survey conducted from ACOE and tripod stand. Most trees still with leaves so visibility from ACOE levee is limited. Walked on county line road to access stands. Units B, E, L, Q, and T with very dense vegetation. Birds flushed from unit T and were able to count, heard on unit Q and L but not able to get good counts. Not close enough to hear on units B and E. A mixed flock of 350 mallards and other species flushed from unit K when approached. Included mallards in total. Additional species seen include: Great blue heron - Warwick (2); Great egret - I (1), M (44); Ring-billed gull - I (2); Killdeer - I (1); Pied-billed grebe - H (3), J (2); N (1), S (2), V (1); Belted kingfisher - J (1); shorebirds (mostly dowitchers) - U (300+)

Coldwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
12/04/2009

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose
A	10:31	10:32	Good	0	0	0																	
B	poor visibility			0	0	0																	
C	10:40	10:43	Good	250	0	0	250															17	
D	10:32	10:40	Good	90	0	17		16	56			18											
E	poor visibility			0	0	0													43	5	7	15	
F	10:43	10:49	Good	50	0	15						2								1			
G	10:49	10:53	Good	94	0	0				75		18								24	16	14	
H	10:53	11:02	Good	149	0	14		8	87			30											
I	10:14	10:20	SB DD	74	0	0		62	4			8										4	
J	10:05	10:08	Good	24	0	4		1	19			4										1	
K	11:03	11:04	Good	10	0	1		10														2	
L	10:02	10:05	Good	2	0	2		2				5	60									5	
M	11:05	11:12	Good	70	0	5		5											15			2	2
N	9:47	10:02	Good	689	2	2		67	177	10	25	55	340										
PP	11:12	11:13	Good	16	0	0		16													4	2	
P	9:32	9:47	Good	327	0	2		200	55	8	20	2	2	40					30			20	
Q	11:53	11:58	Good	500	0	20		130		15	75		250										
R	9:29	9:32	Good	9	0	0		9												5		12	1111
S	11:42	11:53	Good	169	1111	12		12	74	38	26	4	10										
T	9:26	9:29	Good	0	0	0								30									
U	12:03	12:05	Good	60	0	0			20			10											
V	9:19	9:26	Good	25	0	0		20	2			3											
W	12:05	12:07	Good	150	0	0	150																
X	9:17	9:19	Good	0	0	0																	
Borrow pits	9:07	9:16	Good	49	0	0		49															
South Levee	not surveyed			0	0	0																	
Warwick Tract	8:29	8:46	Good	7	0	0		7															
Total on Ponds				2759	1113	94																	
Totals				2814	1113	94	400	614	569	71	244	61	692	40	0	0	0	43	80	27	94	1113	0
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck		American coot	Greater white-fronted goose	Lesser snow goose

Overcast and 40 F. Survey conducted from ACOE and tripod stand. Tree have begun dropping leaves so visibility from ACOE levee is improving. Walked on county line road to access stands. Units B, E, L, Q, and T with very dense vegetation. Walked over to unit B and flushed a few mallards, but not much use yet. Good use on Q, probably under counted. Able to count majority of ducks in unit S prior to flushing (flushed when began climbing stand) but may have under counted geese. Hunters on Warwick - may have affected count. Harvested 2 wood ducks and 1 ringneck duck. Additional species seen include: Great blue heron - Borrow pits (1), P (2); Great egret - Warwick (1), H (20+), P (1); Pied-billed grebe - F (2), P (2); Borrow pits (4); Warwick (1); Anhinga (1). Later in day watched multiple flocks of snow geese passing over the refuge. Approximately 1000 landed in north end of unit N, displacing some of the white-fronted geese.

58
5 1/4
11

Coldwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
12/21/2009

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose
A	12:19	12:20	Excellent	0	0	0																	
B	too thick			0	0	0										2						20	
C	12:21	12:24	Excellent	10	0	20						3									5	18	
D	12:24	12:28	Excellent	21	0	18		11	2														
E	too thick			0	0	0													20		8	28	
F	12:29	12:37	Excellent	60	0	28		20	6	2	4											50	
G	12:37	12:41	Excellent	40	0	50	40									12				25	2	2	300
H	12:41	12:51	Excellent	107	0	2		24	20		24		160										
I	11:35	11:55	Excellent	358	300	28		71	127													6	
J	11:25	11:35	Excellent	28	0	6		16		10		2			4							40	
K	12:05	12:17	Excellent	42	0	40		18	16			4										1	
L	11:22	11:25	Excellent	4	0	1		2			2		11									51	
M	12:51	12:58	Excellent	87	0	51		14	50		12						60					3	
N	11:10	11:22	Excellent	105	0	3		9	13		4	19											
PP	1:20	1:26	Excellent	114	0	0		112	2						53							4	22
P	10:58	11:10	Excellent	104	0	0		27	16			8											
Q	1:26	1:36	Excellent	74	22	4		63	11														
R	10:55	10:58	Excellent	2	0	0		2							8				13	2		60	1000
S	1:36	1:50	Excellent	97	1100	60		10	58		6										22		
T	10:48	10:55	Excellent	53	0	22		41			12												175
U	1:51	2:03	Excellent	147	175	0		100	35	10	2												
V	10:42	10:48	Excellent	15	0	0		15															
W	2:03	2:05	Excellent	12	0	0		12															
X	10:41	10:42	Excellent	0	0	0														20		34	
Borrow pits	10:26	10:39	Excellent	52	0	34		24	2	6													
South Levee	not surveyed			0	0	0																	
Warwick Tract	9:43	10:00	Excellent	0	0	0																	
Total on Ponds				1480	1597	333																	
Totals				1532	1597	367	40	591	386	28	81	21	171	65	14	0	60	33	47	15	367	1497	100
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck		American coot	Greater white-fronted goose	Lesser snow goose

Clear and cold overnight, 46 F, **lows in 20's overnight**. Survey conducted from ACOE and tripod stand. Excellent water throughout, especially in sump area. Many ducks using woods. Water crossing levee at kiosk. Small amount of ice on many units. Many ducks heard on unit L, but vegetation too thick. Other units with poor visibility include: B, E, L, R, and X. Additional species observed: great blue heron - Warwick (1), Borrow pits (1), unit G (1), unit K (2); pied-billed grebe - Warwick (1), Borrow pits (1), unit J (1), unit P (1), unit R (1), unit V (2); kingfisher - Warwick (1), Borrow pits (1), unit P (1); **great egret** - unit G (1), unit J (1).

Coldwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
1/5/2010

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose
A	12:23	12:25	90% ice	500	0	0		250	150		100										115		
B	12:18	12:23	60% ice	215	0	115		75	130		10							4			40		
C	11:19	11:21	90% ice	6	0	40			2														
D	11:23	11:23	100% ice	0	0	0																	
E	11:24	11:26	95% ice	200	0	0		200										19			17		
F	11:28	11:33	90% ice	103	0	17		8	24		50		2										
G	11:26	11:27	95% ice	30	0	0		30												6		550	600
H	11:33	11:42	40% ice	581	1150	0		155	40		380												
I	10:56	10:57	100% ice	0	0	0																	
J	10:49	10:56	100% ice	0	0	0															25		
K	11:01	11:11	95% ice	23	0	25			8		15			24									
L	11:53	11:56	90% ice	100	0	0		6	10		60												
M	11:14	11:16	95% ice	12	0	0		6			6												60
N	10:42	10:48	95% ice	10	60	0		10													38		
PP	11:56	11:59	80% ice	12	0	38		8	4												14		
P	11:57	11:59	95% ice	10	0	14		10					6								80	1200	
Q	11:59	12:02	95% ice	32	1200	80		26											2				
R	10:38	10:41	75% ice	18	0	0		8	8														
S	12:03	12:05	100% ice	0	0	0																	
T	10:35	10:37	100% ice	0	0	0																	
U	12:05	12:06	100% ice	0	0	0																8	
V	10:28	10:35	90% ice	42	0	8			12														
W	12:06	12:07	90% ice	166	0	0		158	8														
X	10:26	10:28	100% ice	0	0	0											8		12		9		
Borrow pits	10:12	10:23	40% ice	73	0	9		23	30												95		
Farm fields	12:29	12:38	90% ice	0	0	95														18			
Warwick Tract	9:26	9:51	10% ice	100	0	0		82															
Total on Ponds				2060	2410	337																	
Totals				2233	2410	441	0	1085	426	0	621	0	32	0	0	8	0	23	14	24	441	1810	600
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck		American coot	Greater white-fronted goose	Lesser snow goose

Clear and cold overnight, 24 F. Survey conducted from ACOE and tripod stand. Excellent water throughout, especially in sump area, but most water frozen. Units with poor visibility include: B, E, L, R, and X. Additional species observed: great blue heron - unit G (2), Warwick tract (2); pied-billed grebe - Unit F (3), unit Q (2), unit R (4), unit V (6) unit W (1), borrow pits (4), Warwick tract (2); great egret - unit PP (3), unit R (1); ring-billed gull - unit G (10);

Coldwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
1/19/2010

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose	Canada goose	
A	11:35	11:35	High	0	0	0															10				
B	12:51	12:54	High	165	0	10		20	95		40		10						7	5		10			
C	11:36	11:37	High	14	0	10		2											4	8		18			
D	11:37	11:44	High	52	0	18		4	34		2														
E	11:44	11:44	High	0	0	0																			
F	11:44	11:47	High	21	0	0			5										12		4				
G	11:47	11:48	High	0	0	0																			
H	12:20	12:29	High	160	0	11		20	85		16									15	24	11			
I	10:51	11:00	High	315	80	5		79	83		10		143									5	80		
J	10:37	10:50	High	83	0	17		70	1		10		2									17			
K	11:12	11:28	High	89	0	15		14	36		17			5						17		15			
L	10:30	10:37	High	48	0	10		31	2		5		10									10			
M	11:28	11:34	High	49	0	22		20	10		14		3								2	22			
N	10:17	10:30	High	130	0	0		34	14			6	69	4				3							
PP	12:16	12:34	High	32	0	0		28	4													4			
P	10:12	10:16	High	25	0	4		17	8													5			
Q	12:34	12:39	High	164	0	5		104					60									7			
R	10:06	10:12	High	43	0	7		41	2																
S	12:39	12:42	High	70	125	4		60			4							6			4	120	5		
T	10:03	10:06	High	0	0	0																			
U	12:42	12:44	High	24	0	0		18			6											2			
V	9:59	10:03	High	18	0	2		2	16																
W	12:44	12:45	High	10	0	0		10																	
X	9:56	9:59	High	4	0	0		4									1			20		8			
Borrow pits	9:44	9:56	High	66	0	8		43	2												6	3			
Farm fields	1:04	1:16	High	108	0	3		70	26		6			2						1		2			
Warwick Tract	9:10	9:32	High	20	0	2		17																	
Total on Ponds				1516	205	140																			
Totals				1710	205	153	0	708	423	0	130	6	299	9	0	1	3	29	66	36	153	200	5	0	
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck		American coot	Greater white-fronted goose	Lesser snow goose	Canada goose	

Overcast, 56 F. Survey conducted from ACOE and tripod stand. High water throughout, especially in sump area, Warwick water beginning to recede (down about 2 feet). Units with poor visibility include: B, E, L, R, and X. Additional species observed: great blue heron - G (1), Warwick tract (1), borrow pits (1); pied-billed grebe - D (3), H (1), P (1), V (1); Warwick tract (2), borrow pits (3).

Coldwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
2/5/2010

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose	
A	10:43	10:44	High	0	0	0																50		
B	10:44	10:45	High	150	0	50	150													59		19		
C	10:50	10:52	High	59	0	19														10		32		
D	10:45	10:50	High	20	0	32		8	2											12				
E	10:52	10:53	High	12	0	0																		
F	10:53	10:59	High	24	0	17			4									14		1	5	17		
G	10:59	10:59	High	0	0	0																		
H	10:59	11:00	High	7	0	20												4			7	20		
I	10:20	10:24	High	29	0	36		23	2															
J	10:12	10:20	High	28	0	34		12												16		34		
K	11:01	11:04	High	8	0	38		4												4		38		
L	10:09	10:12	High	2	0	8	2															8		
M	11:04	11:11	High	35	0	72		3				6								20	6	72		
N	10:00	10:09	High	97	0	0		4				2	2					75		14		21		
PP	11:24	11:29	High	38	0	21		38														2		
P	9:54	10:00	High	6	0	2			6													11		
Q	11:29	11:39	High	138	0	11		26				7								105				
R	9:50	9:54	High	2	0	0														2				
S	11:39	11:45	High	72	0	41		12	8										13	27	12	41		
T	9:44	9:48	High	2	0	0														2				
U	9:39	9:41	High	0	0	0																		
V	9:39	9:45	High	4	0	0														4				
W	9:36	9:38	High	0	0	0																		
X	9:36	9:38	High	0	0	0																		
Borrow pits	9:26	9:35	High	7	0	5		6												1		5		
Farm fields	Not surveyed		High	0	0	0											16							
Warwick Tract	8:56	9:15	High	38	0	0		22																
Total on Ponds				733	0	401																		
Totals				778	0	406	152	158	22	0	15	2	0	0	0	0	16	75	31	277	30	406	0	0
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck		American coot	Greater white-fronted goose	Lesser snow goose	

Overcast, light drizzle, 51 F. Foggy, rain all day yesterday. Water levels extremely high and still rising on southern portion of Warwick Tract. (Water just inches below bottom of 2nd wood duck box and still rising.) Survey conducted from ACOE levee and tripod stand. Units with poor visibility include: B, E, L, R, and X. Additional species observed: great blue heron - F (1), K (1), Warwick (1), borrow pits (1); great egret - R (1), Warwick (1); pied-billed grebe - F (2), I (1), L (2), Warwick (1), borrow pits (2).

Coldwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
2/19/2010

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose
A	12:35	12:37	High	3	0	0		3											14		16		
B	12:30	12:35	High	72	0	16			58						9				135		4		800
C	12:37	12:42	High	148	800	4			4										66	4	10		
D	11:44	11:49	High	78	0	10		8					20						5				
E	12:43	12:48	High	90	0	0			65									33	87	5	35		
F	11:53	12:01	High	131	0	36		6											15				
G	12:46	12:48	High	23	0	0			8			4							7	59	28		
H	12:03	12:14	High	100	0	28		8	23												2		
I	11:33	11:35	High	31	0	2													6		32		
J	11:31	11:33	High	8	0	32		8													25		
K	11:49	11:53	High	14	0	25		2	6												7		
L	11:26	11:30	High	2	0	7		2											18	2	49		
M	11:19	11:24	High	28	0	49		4	4								56		21		4		
N	11:12	11:19	High	118	0	4		18	4		12	7											
PP	12:17	12:21	High	41	0	4		37	4														
P	11:02	11:09	High	84	0	0		22	62														
Q	12:21	12:25	High	107	0	0	107												7		2		
R	10:58	11:02	High	7	0	2							5					13	22	4	16	11	
S	10:43	10:54	High	120	11	16		30	46														
T	10:42	10:57	High	0	0	0												10	33				
U	10:34	10:40	High	43	0	0															3		
V	10:34	10:35	High	0	0	3													50				
W	10:31	10:34	High	50	0	0																	
X	10:31	10:34	High	0	0	0																	
Borrow pits	10:23	10:30	High	6	0	0		6											210		10		2
Farm fields	13:02	13:14	High	434	2	10		4	22		198					10							
Warwick Tract	9:43	10:01	High	23	0	0		13															
Total on Ponds				1298	811	238																	
Totals				1761	813	248	107	171	336	0	210	11	25	0	9	10	56	56	696	74	248	11	802
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose

Clear and calm, few scattered clouds. Overnight lows in 20's, in 50's during the day. Current temperature: 54 F. Water still very high, may have dropped 6", but still much higher than average. Warwick tract - water barely flowing over levee at kiosk. Adjacent landowners near ponds hunting snow geese, sent them over. Other species observed: great blue heron - borrow pits (1), Warwick (1), unit F (1), unit I (1); piedbilled grebe - Warwick (1), unit C (2), unit D (1), unit L (3), unit M (2), unit N (1), unit R (1); ring-billed gull - unit H (1).

Coldwater River National Wildlife Refuge
Waterfowl Survey
Ground Count - from tripod stand and vehicle
2/19/2010

Pond	Start	Finish	Water Condition	Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose
A	12:35	12:37	High	3	0	0		3											14		16		
B	12:30	12:35	High	72	0	16			58										135		4		800
C	12:37	12:42	High	148	800	4			4						9				66	4	10		
D	11:44	11:49	High	78	0	10		8											5				
E	12:43	12:48	High	90	0	0			65				20						33	87	5	36	
F	11:53	12:01	High	131	0	36		6											15				
G	12:46	12:48	High	23	0	0			8										7	59	28		
H	12:03	12:14	High	100	0	28			30			4									2		
I	11:33	11:35	High	31	0	2		8	23												32		
J	11:31	11:33	High	8	0	32		8													25		
K	11:49	11:53	High	14	0	25		2	6										6		7		
L	11:26	11:30	High	2	0	7		2															
M	11:19	11:24	High	28	0	49		4	4										18	2	49		
N	11:12	11:19	High	118	0	4		18	4		12	7					56		21		4		
PP	12:17	12:21	High	41	0	4		37	4												4		
P	11:02	11:09	High	84	0	0		22	62														
O	12:21	12:25	High	107	0	0	107													7		2	
R	10:58	11:02	High	7	0	2								5					13	22	4	16	11
S	10:43	10:54	High	120	11	16		30	46														
T	10:42	10:57	High	0	0	0													10	33			
U	10:34	10:40	High	43	0	0															3		
V	10:34	10:35	High	0	0	3																	
W	10:31	10:34	High	50	0	0													50				
X	10:31	10:34	High	0	0	0																	
Borrow pits	10:23	10:30	High	6	0	0		6															
Farm fields	13:02	13:14	High	434	2	10		4	22		198						10		210		10		2
Warwick Tract	9:43	10:01	High	23	0	0		13															
Total on Ponds				1298	811	238																	
Totals				1761	813	248	107	171	336	0	210	11	25	0	9	10	56	56	696	74	248	11	802
				Total ducks	Total geese	Total coots	Unknown ducks	Mallards	Gadwall	Northern pintail	Northern shoveler	American wigeon	Am. Green-winged Teal	Blue-winged Teal	Ruddy duck	Wood duck	Canvas-back	Bufflehead	Scaup/ring-necked duck	Hooded merganser	American coot	Greater white-fronted goose	Lesser snow goose

Clear and calm, few scattered clouds. Overnight lows in 20's, in 50's during the day. Current temperature: 54 F. Water still very high, may have dropped 6", but still much higher than average. Warwick tract - water barely flowing over levee at kiosk. Adjacent landowners near ponds hunting snow geese, sent them over. Other species observed: great blue heron - borrow pits (1), Warwick (1), unit F (1), unit I (1); piedbilled grebe - Warwick (1), unit C (2), unit D (1), unit L (3), unit M (2), unit N (1), unit R (1); ring-billed gull - unit H (1).