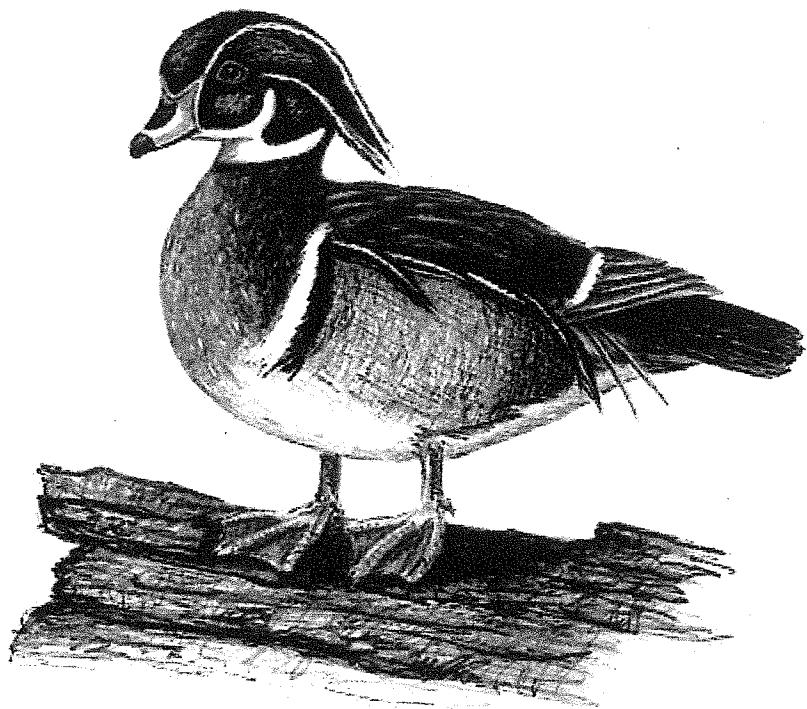


DEERING  
CONSERVATION  
COMMISSION

MARCH 2007

**WOODDUCK  
RESTORATION  
PROGRAM  
2006 REPORT**



March 2007

## **Deering Conservation Commission Wood Duck Program**

The Deering Conservation Commission (DCC) initiated the Wood Duck Program in 1987. The original boxes were constructed and installed by members of the DCC. Due to attrition, a certain percentage of the boxes require replacement over time. DCC members and the boy scouts have constructed the replacement boxes using donated and purchased materials.

Members of the DCC check the boxes each winter and the usage and egg productivity of each box is recorded. The 2006 hatch year displayed a comparable number of eggs but had the lowest hatch percentage (27%) that the DCC has ever recorded. Conversations with Mr. Ed Robinson, the waterfowl biologist for the New Hampshire Fish & Game, indicated that the Fish & Game had also noted a low hatch success rate. It was his theory that the low hatch ratio was likely due to the cold and wet weather that occurred in the spring of 2006. When wood ducks incubate their eggs, they leave the nest periodically to feed in order to sustain themselves. As the incubation of the eggs proceeds, the temperature of the eggs is very important. If the female leaves the nest to feed and a cold rain occurs and wets the eggs, it is likely that they will fall below optimum temperature resulting in hatch failure. As can be seen by the data, the rainy cold spring of 2006 had a dramatic effect on the hatch success in the Town of Deering.

In 2006, several boxes were lost and replaced. Several locations where boxes were located have gone dry. Beaver dams are temporal in nature and come and go with the passage of time. The DCC is continuously looking for new beaver ponds or wetland areas in which to install boxes. If you know of any areas where boxes might be suitable, please contact the DCC. Also, our current stock of boxes, which were donated by the boy scouts, is nearly expired, so if you wish to donate some time or materials to construct some boxes for the DCC please contact one of our members.

For additional information call Ed Cobbett at 464-4088.

Mar-07

**DEERING  
CONSERVATION  
COMMISSION**

## **WOOD DUCK BOX PROGRAM EGG COUNT SUMMARY**

HATCH YEAR	# BOXES CHECKED	HATCHED/ UNHATCHED EGGS	TOTAL EGGS	% HATCHED/ UNHATCHED
94	33	70 / 23	93	67% / 33%
95	35	119 / 36	155	70% / 30%
96	53	135 / 68	203	70% / 30%
97	50	119 / 58	177	67% / 33%
98	65	144 / 29	173	83% / 17%
99	60	162 / 80	242	67% / 33%
00	67	142/119	261	54% / 46%
01	53	153/43	196	78%/22%
02	56	78/108	186	42%/58%
03	57	108/49	157	69%/31%
04	52	113/47	160	71%/29%
05	52	68/77	145	47%/53%
06	52	40/110	150	27%/73%

CONSERVATION COMMISSION WOOD DUCK BOX PROGRAM												
	year box placed	LOCATION	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage
ID #			96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06
1	95/"06	HUNTER'S POND	NEW	M15/0	NU	WD13/2	WD10/1	NU	WD 2/2	WD7/0	NU	LOST
2	95	HUNTER'S POND	NEW	NU	WD 5/3	WD 0/20	WD 3/1	NU	WD 5/0	WD 4/0	WD 8/2	WD 7/0
3	95	JOHNSON'S POND	NEW	NU	WD 7/2	WD 12/2	NU	WD 9/2	WD 0/11	WD 6/0	WD 8/1	WD 0/10
4	00/06	JOHNSON'S POND	NEW	NU	WD 0/6	NU	NU	WD 8/0	WD 5/1	WD 6/1	WD 0/1	M 0/16
5	96	WILKINS CEMETERY	0	WD0/17	NU	OST/NEV	NU	WD 6/0	NU	NU	NU	NU
6	94/00	LEAD MINE	0	?	WD1/0	WD3/0	WD11/0	NU	NU	NU	NU	NU
7	94	LEAD MINE	WD 4/0	?	WD5/0	WD16/2	WD 8/2	WD12/0	WD 0/11	NU	NU	NU
8	97	JOHNSON'S PD	NEW	NU	LOST	OPEN	OPEN	NEW	NU	NU	NU	WD 7/0
9	94	LEAD MINE	LOST	?	NEW	NU	NU	WD 0/7	NU	NU	NU	NU
10	(96)	LEAD MINE	WD 2/3	?	WD5/0	WD16/2	WD 8/2	WD14/1	WD 10/0	WD 5/4	WD 5/3	WD 9/0
11	-97	LEAD MINE	NEW	?	NEW	NU	NU	NU	NU	NU	NU	WD 9/0
12	96	WILKINS CEMETERY	O	WD8/0	WD4/0	WD 0/4	WD 4/1	NU	WD 0/10	NU	NU	WD 6/0
13	96/00	LEAD MINE N.	WD 8/0	NU	NU	NU / NEW	NU	NU	LOST	NU	NU	NU
14	96	COBBETT'S BEAVER PD	M 9/0	WD9/1	WD7/0	OST/NEV	LOST	OPEN	OPEN	NEW	NU	NU
15	95	WEARE BORDER PD	M 7/1	WD6/0	WD7/0	WD 5/3	M 12/0	WD 9/0	WD 5/1	WD 6/3	UC	OPEN
16	6	DUDLEY PD BEAVER DAM	O	NU	NU	NU	NU	NU	NU	NU	NU	NEW
16	96	RESERVOIR MARSH	WD 4/1	?	WD4/2	NU	NU	M 0/4	WD 9/0	WD 6/0	WD 7/1	WD 8/0
17	95	LEAD MINE S.	O	LOST	OPEN	WD5/0	NU	NU	NU	NU	NU	NU
18	95	NORTH CORNER	O	?	NU	NU	NU	NEW	M 8/0	NU	NU	NU
18A	2	GLEN ROAD PD	WD 2/0	?	NU	NU	WD 0/3	NU	WD 0/9	NU	NU	NU
19	95	LEAD MINE S.	0	?	NU	NU	NU	NU	NU	NU	NU	OPEN
20	92	LAZY BROWN	M 6/0	WD7/2	WD4/0	LOST	OPEN	NU	WD 0/5	NU	LOST	OPEN
21	01	LEAD MINE	M 8/1	M10/0	M8/0	WD8/0	WD 7/4	LOST	OPEN	NEW	NU	WD 7/0
22	95	COBBETT'S BEAVER PD	WD6/0	NU	WD0/11	NU	UC	NU	WD 0/2	NU	NU	NU
23	95	PLEASANT PD RD	LOST	WD 7/0	NU	NU / NEW	WD 0/1	WD 6/0	NU	NU	NU	LOST
24	93/00	PLEASANT PD RD	O	NU	NU	OST/ NEV	M 10/1	LOST	OPEN	-	LOST	NU
25	93/00	PLEASANT PD RD	M 9/1	WD9/0	WD0/8	WD 0/12	LOST	OPEN	M 4/0	WD 5/1	LOST	NU
26	47	JOHNSON'S PD	WD 6/0	LOST	OPEN	NEW	WD 0/9	WD 10/0	NU	NU	NU	NU
27	90/00	JOHNSON'S PD	WD O/10	LOST	OPEN	NEW	M 13/1	WD 13/1	WD 4/0	WD 3/0	NU	WD 6/0
28	94/00	JOHNSON'S PD	WD 13/1	NU	NU	WD 7/1	WD 6/0	WD 4/0	WD 3/0	NU	NU	WD 3/3
29	95	POLING'S MARSH	85/25	56/29	83/11	67/44	80/40	69/12	52/42	47/21	45/7	45/13
		USAGE THIS PAGE	22	14	24	22	25	23	24	26	23	22
		BOXES CHECKED THIS PAGE										

NOTES: WD=wood duck, M=merganser, ## = hatched / unhatched eggs, USAGE = nest yr/check box yr, NU = not used, UC= unchecked, LOST = box gone, OPEN or "—" = unassigned

## CONSERVATION COMMISSION WOOD DUCK BOX PROGRAM

ID #	placed	year box	LOCATION	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage
				96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07
30	90	HUNTER'S PD	WD 11/1	WD11/1	NU	NU	WD 12/1	WD 8/0	WD 4/0	WD 7/1	WD 6/2	NU		
31	90	HUNTER'S PD	WD 10/0	NU	WD0/13	NU	WD 9/0	WD 0/13	NU	WD 0/17	WD 13/0	WD 0/16	WD 0/14	
32	00/07	RESERVOIR MARSH	0	NU	NU	LOST	WD 0/5	OPEN	-	-	-	-	NEW	
33	94	POLING'S MARSH	WD 0/12	WD4/0	WD10/0	M15/0	WD4/0	WD 4/0	NU	LOST	OPEN	-	OPEN	
34	02	AIRPORT MARSH	0	LOST	OPEN	OPEN	OPEN	NEW	NU	NU	NU	NU	NU	
35	O2	AIRPORT MARSH	LOST	OPEN	OPEN	OPEN	OPEN	NEW	NU	NU	UC	UC	NU	
36	94	FULTON PD	WD 0/16	NU	NU	WD 6/1	NU	WD 0/8	NU	WD 0/8	NU	WD 4/4	NU	NU
37	07	RESERVOIR MARSH	0	LOST	OPEN	-	-	-	-	-	-	-	NEW	
38	07	RESERVOIR MARSH	NEW	WD0/18	OPEN	NEW	WD 0/21	NU	OPEN	-	-	-	NEW	
39	94	PATTERN BROOK	WD 4/0	NU	NU	WD 0/1	NU	WD 0/8	NU	NU	NU	NU	NU	NU
40/18a	94	GLEN RD PD	NEW	WD6/0	NU	NU	WD 0/6	NU	NU	NU	NU	NU	NU	NU
41	94	PALMER'S MARSH	0	NU	NU	LOST	OPEN	OPEN	OPEN	-	-	-	OPEN	
42	94	PALMER'S MARSH	0	NU	NU	M 3/0	NU	NU	UC	UC	LOST	OPEN	OPEN	
43	94/02	PATTERN MARSH	WD 0/12	WD11/0	NU	NU	WD 0/17	WD12/0	NEW	WD 11/0	WD 6/0	NU	NU	
44	94/02	PATTERN MARSH	WD 0/1	NU	NEW	WD5/0	NU	LOST	NEW	NU	NU	WD 8/0	NU	
45	94	CLIFTON'S CAMP	WD 4/2	NU	NU	WD 0/8	WD 4/0	WD 0/7	NU	NU	NU	UC	NU	
46	94	PLEASANT PD ROAD	0	NEW	NU	WD5/0	NU							
47	97	LILY PD	NEW	NU	WD5/0	WD 5/0	WD 4/0	NU	WD 0/8	NU	WD 8/1	WD 0/14	M 0/16	
47A	03	DUDLEY PD BEAVER DAM	NEW	LOST	OPEN	-	-	-	NEW	WD 0/11	WD 0/13	NU		
48	07	LILY PD	NEW	NU	WD5/1	WD0/11	NU	M 16/1	WD 0/13	WD 4/2	WD 6/1	WD 0/14	NU	
49	97	HUNTER'S PD	WD 11/2	M18/0	NU	WD 5/0	WD 9/5	NU	M 2/0	LOST	OPEN	-	OPEN	
50	95	DRISCOLL CART RD	0	0	WD5/0	WD 10/1	WD 0/6	WD 1/1	WD 11/0	WD 8/18	NU	WD 0/1		
51	94	AUDUBON EAST	WD 5/0	NU	NU	M0/13	WD 6/0	WD4/0*	WD 4/0	WD 6/0	WD 5/0	WD 3/2	NU	
52	91	AUDUBON EAST	0	NU	WD6/0	M11/1	WD 0/1	WD4/0*	WD 0/9	WD 6/2	WD 4/0	M 6/0	WD 3/1	
53	91	LEAD MINE S.	NEW	NU	NU	NU	NU	NU	OPEN	-	-	OPEN		
54	95	AUDUBON	LOST	OPEN	-	-	-	-	-	-	-	-	OPEN	
55	91	KARL'S MARSH	0	0/6	NU	WD11/0	WD 5/2	NU	NU	NU	NU	NU	NU	
56	91	BLACK FOX PD.	0	NU	NU	WD12/0	M 0/10	OPEN	-	-	-	NEW		
57	91/07	BLACK FOX PD.	0	NU	NU	NU	LOST	OPEN	-	-	-	NEW		
58	91/07	TOTAL THIS PAGE	45/45	50/25	37/15	63/26	62/67	77/22	15/65	42/21	59/36	23/61	3/32	
		BOXES CHECKED THIS PAGE	21	19	22	20	23	16	18	17	17	16	18	

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**CONSERVATION COMMISSION WOOD DUCK BOX PROGRAM**

ID #	placed	LOCATION	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage	Usage
59	91	OPEN	0	96-97	97-98	98-99	99-00	00-01	01-02	02-03	03-04	04-05	05-06	06-07
60	98	WEARE BORDER PD	NEW	NU	NU	NU	NU	NU	NU	NU	NU	WD 6/0	WD 0/7	NU
61	98	WEARE BORDER PD	NEW	WD10/2	M 16/1	NU	NU	WD 11/0	WD 5/1	WD 12/0	NU	UC	UC	UC
62	98	OPEN	NEW	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	OPEN
63	98	OPEN	OPEN	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	OPEN
64	96	BLACK FOX PD.	WD 5/0	NU	WD4/0	WD10/0	NU	NU	NU	NU	NU	NU	NU	M 0/10
65	96	SONNEY'S MARSH	0	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU
66	96	BLACK FOX PD.	0	0/2	WD2/0	NU	OPEN	-	-	-	-	-	-	NU
67	96	BLACK FOX PD.	0	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	WD3/0
68	96	BLACK FOX PD.	WD 0/8	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU
69	96	BLACK FOX PD.	0	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU
70	96	OPEN	0	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	OPEN
71	96	OPEN	0	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	OPEN
72	97	HUNTER'S POND	NEW	M13/2	NU	WD 6/0	WD 0/12	LOST	-	-	-	-	-	OPEN
73	97	DUDLEY BR MARSH S.	NEW	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	UC
74	97	2ND NH TURNPIKE	NEW	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU
75	97	GERINI MARSH	NEW	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU	NU
76	97	OPEN	NEW	NU	OPEN	-	-	-	-	-	-	-	-	OPEN
77	97	GREEN BRIDGE	NEW	NU	NU	NU	NU	NU	NU	NU	NU	M 5/0	WD 6/4	NU
78	97	CENTRAL RANGWAY	NEW	NU	NU	NU	NU	NU	NU	NU	NU	-	-	WD 3/0
79	97	CENTRAL RANGWAY	NEW	NU	NU	NU	NU	NU	NU	NU	NU	-	WD 3/0	NU
DU1		FULTON PD											NU	NU
DDU2		FULTON PD											NU	OPEN
<b>TOTAL USAGE THIS PAGE</b>			5/8	13/4	24/3	32/10	0/12	11/0	11/1	19/7	9/4	0/3	3/10	
<b>BOXES CHECKED THIS PAGE</b>			10	17	19	18	19	14	14	12	14	12		

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