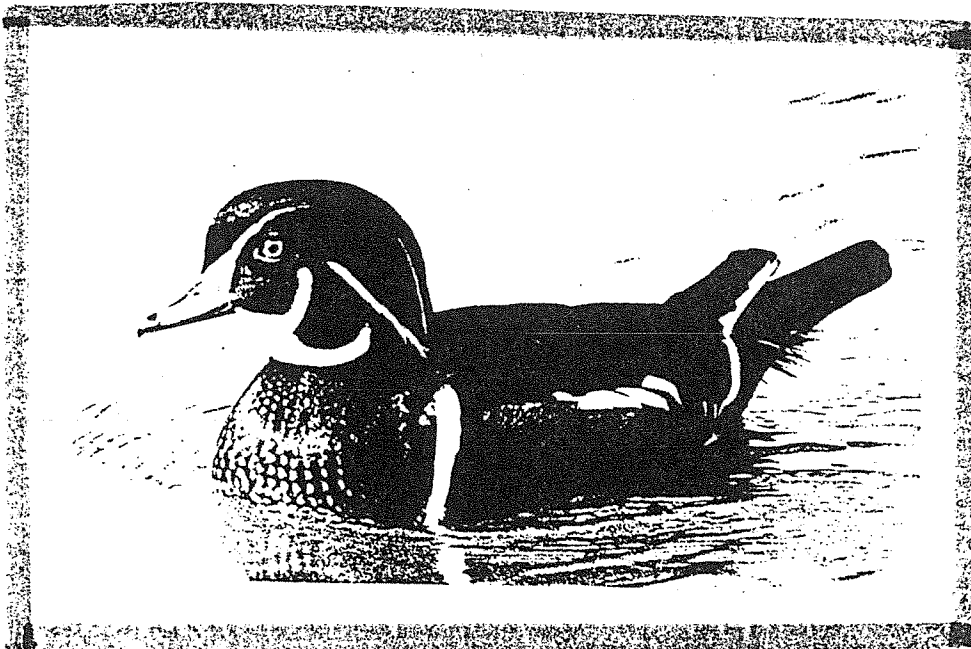


DEERING
CONSERVATION
COMMISSION

WOOD DUCK RESTORATION PROGRAM

1999 REPORT



**DEERING
CONSERVATION
COMMISSION**

**WOOD DUCK PROGRAM
1999 SUMMARY**

The 1999 hatch year was a record year with more total eggs in our boxes at 242, and was 69 more eggs than last year. The 1999 percentage of hatched to unhatched eggs (67% to 33%) was slightly below a typical percentage (70% to 30%). We also lost seven boxes this year that is about average (about 10%).

What is significant is that the losses were at locations that typically have high yields. The trees at these older, but productive locations, no longer will support boxes so we have focused on using more pipe. We have installed 8 new boxes on pipe, and will replace an additional 3 boxes.

Although it is interesting to look at statistics, it is difficult to draw firm conclusions. We don't know when those boxes were lost or if they were used last year. What we can say is that the underlying habituate base remains strong and healthy for the Wood and Hooded Merganser Ducks.

The first batch of replacement boxes with the new side cleanouts and predator guards were introduced in 1994 and will be 7 years old this year. On average, we anticipate about a 10 year life for each box and about a 10% loss rate per year.

What has contributed to the high egg count has been the result of replacing and adding boxes to high yield areas, and not replacing boxes in no yield areas. It also indicates the probability that we have not reached full capacity for our program.

For more information call Gary Bono at 464-5107

box00.dcc/word

'uck7e.xls

MAR.2000

**DEERING
CONSERVATION
COMMISSION**

**WOOD DUCK BOX PROGRAM
EGG COUNT SUMMARY**

HATCH YEAR	HATCHED/ UNHATCHED EGGS	TOTAL EGGS	% HATCHED/ UNHATCHED
94	70 / 23	93	67% / 33%
95	119 / 36	155	70% / 30%
96	135 / 68	203	70% / 30%
97	119 / 58	177	67% / 33%
98	144 / 29	173	83% / 17%
99	162 / 80	242	67% / 33%

CONSERVATION COMMISSION WOOD DUCK BOX PROGRAM

TOTAL EGG COUNT [94-95yr 70/23] [95-96yr 119/36] [96-97 135/68] [97-98 119/50]
[98-99 144/29] [99/00 162/80]

WD=wood duck M=merganser ## = hatched eggs / unhatched eggs USAGE = nest yr/check box yr

NU= not used OPEN= box number not assigned LOST= box missing

	1st		Useage*	Useage	Useage	Useage	Useage	Useage
ID #	yr	LOCATION	94-95	95-96	96-97	97-98	98-99	99-00
1	95	HUNTER'S POND				NEW	M15/0	NU
2	95	HUNTER'S POND				NEW	WD13/2	WD10/1
3	95	JOHNSON'S POND				NEW	NU	WD 5/3
4	95	JOHNSON'S POND				NEW	WD12/0	WD 7/2
5	96	WILKINS CEMETARY	O	WD 1/15	O	WD0/17	NU	WD 0/6
6	94/00	LEAD MINE	O	WD 3/0	O	?	WD1/0	LOST/NEW
7	94	LEAD MINE	WD 4/2	WD 3/0	WD 4/0	?	WD3/0	WD11/0
8	97	JOHNSON'S PD			NEW	NU	NU	LOST
9	94	LEAD MINE	WD 5/1	WD 5/0	LOST	?	NEW	NU
10	(96)	LEAD MINE	WD 5/0	WD 4/0	WD 2/3	?	WD5/0	WD16/2
11	-97	LEAD MINE			NEW	?	NEW	NU
12	96	WILKINS CEMETARY	WD 4/0	WD 0/11	O	WD8/0	WD4/0	WD 0/4
13	(96)/00	LEAD MINE N.	WD 0/1	GONE	WD 8/0	NU	NU	NU / NEW
14	96	RESERVOIR MARSH	O	O	M 9/0	WD9/1	WD7/0	LOST/NEW
15	95	WEARE BORDER PD	GONE	O	M 7/1	WD6/0	WD7/0	WD 5/3
16	96	RESERVOIR MARSH	WD 4/1	WD 11/3	O	NU	NU	NU
17	95	LEAD MINE S.	NEW	O	WD 4/1	?	WD4/2	NU
18	95	NORTH CORNER	NEW	O	O	LOST	OPEN	WD5/0
19	95	LEAD MINE S.	NEW	O	WD 2/0	?	NU	NU
20	92	LAZY BROWN	WD 6/0	WD 3/0	O	?	NU	NU
21	95	WEARE BORDER PD	NEW	O	M 6/0	WD7/2	WD4/0	LOST
22	95	PLEASANT PD RD	NEW	M 5/1	M 8/1	M10/0	M8/0	WD8/0
23	95	PLEASANT PD RD	NEW	M 5/0	LOST	WD6/0	NU	WD0/11
24	93/00	PLEASANT PD RD	WD 4/1	WD 10/0	WD 7/0	NU	NU	NU / NEW
25	93/00	PLEASANT PD RD	O	O	O	NU	NU	LOST/ NEW
26	94	JOHNSON'S PD	O	WD 1/2	M 9/1	WD9/0	WD0/8	WD 0/12
27	90/00	JOHNSON'S PD	WD 0/16	WD 2/0	WD 6/0	LOST	OPEN	NEW
28	94/00	JOHNSON'S PD	WD 4/1	WD 6/1	WD 0/10	LOST	OPEN	NEW
29	95	POLING'S MARSH	GONE	WD 4/0	WD 13/1	WD1/7	NU	NU

(YR)=REPAIR YEAR

36/23

63/33

85/25

56/29

83/11

67/44

CONSERVATION COMMISSION WOOD DUCK BOX PROGRAM

WD=wood duck M=merganser ### = hatched eggs / unhatched eggs USAGE = nest year/check box year

NU= not used OPEN= number not assigned

				Useage	Useage	Useage	Useage	Useage	Useage
ID #	1st Yr	LOCATION		94-95	95-96	96-97	97-98	98-99	99-00
30	90	HUNTER'S PD		O	O	WD 11/1	WD11/1	WD11/1	NU
31	90	HUNTER'S PD		M 5/0	M 10/1	WD 10/0	NU	WD0/13	NU
32	92	RESERVOIR MARSH		O	O	0	NU	NU	LOST
33	94	POLING'S MARSH		WD 8/0	WD 12/0	WD 0/12	WD4/0	WD10/0	M15/0
34	94	RESERVOIR MARSH		O	WD 8/0	0	LOST	OPEN	OPEN
35	94	HUNTER'S PD		WD 4/0	O	LOST	OPEN	OPEN	OPEN
36	94	FULTON PD		WD 3/0	WD 4/0	WD 0/16	NU	NU	WD 6/1
37	(96)	DUDLEY BR. MARSH		O	O	0	LOST	OPEN	OPEN
38	97	HUNTER'S POND		O	GONE	NEW	WD0/18	OPEN	NEW
39	94	PATTERN BROOK		O	O	WD 4/0	NU	NU	NU
40	94	GLEN RD PD		O	O	NEW	WD6/0	NU	NU
41	94	PALMER'S MARSH		O	O	0		NU	LOST
42	94	PALMER'S MARSH		O	O	0		NU	NU
43	94	PATTERN MARSH		O	M 5/0	WD 0/12	WD11/0	NU	NU
44	94	PATTERN MARSH		WD 6/0	WD 5/1	WD 0/1	NU	NEW	WD5/0
45	94	CLIFTON'S CAMP		O	O	WD 4/2	NU	NU	NU
46	94	PLEASANT PD ROAD		O	O	0	NEW	NU	WD5/0
47	97	LILY PD				NEW	NU	WD5/0	WD 5/0
48	97	DUDLEY BROOK S.				NEW	LOST	OPEN	OPEN
49	97	LILY PD				NEW	NU	WD5/1	WD0/11
50	95	HUNTER'S PD		NEW	WD 12/1	WD 11/2	M18/0	NU	WD 5/0
51	94	DRISCOLL CART RD		NEW	0	0	0	WD5/0	
52	91	AUDUBON EAST		O	?	WD 5/0	NU	NU	M0/13
53	91	AUDUBON EAST		WD 8/0	?	0	NU	WD6/0	M11/1
54	95	LEAD MINE S.		NEW	0	NEW		NU	NU
55	91	AUDUBON		?	?	LOST	OPEN	OPEN	OPEN
56	91	KARL'S MARSH		?	?	0	0/6	NU	WD11/0
57	91	BLACK FOX PD.		?	?	0		NU	NU
58	91	BLACK FOX PD.		?	?	0	NU	NU	NU

(YR)=REPAIR YEAR

34/0

56/3

45/45

50/25

37/15

63/26

[illegible]

ID #	Yr	LOCATION	Useage 94-95	Useage 95-96	Useage 96-97	Useage 97-98	Useage 98-99	Useage 99-00
59	91	BLACK FOX PD.	?		0		NU	NU
60	98	WEARE BORDER PD	?	0		NEW	NU	NU
61	98	WEARE BORDER PD	?	0		NEW	WD10/2	M 16/1
62	98	?	?	0		NEW		
63	98	?	?	0		OPEN		OPEN
64	96	BLACK FOX PD.		NEW	WD 5/0	NU	WD4/0	WD10/0
65	96	SONNEY'S MARSH		NEW	0	NU	NU	NU
66	96	BLACK FOX PD.		NEW	0	0/2	WD2/0	NU
67	96	BLACK FOX PD.		NEW	0	NU	NU	NU
68	96	BLACK FOX PD.		NEW	WD 0/8	NU	NU	M0/9
69	96	BLACK FOX PD.		NEW	0	NU	NU	NU
70	96	DOPHY'S MEADOW		NEW	0	NU	NU	NU
71	96	DOPHY'Y MEADOW		NEW	0	NU	NU	NU
72	97	HUNTER'S POND			NEW	M13/2	NU	WD 6/0
73	97	DUDLEY BR MARSH S.			NEW	NU	NU	NU
74	97	2ND NH TURNPIKE			NEW		NU	NU
75	97	GERINI MARSH			NEW	NU	NU	NU
76	97	LONGWOOD OXBOW →			NEW	NU	OPEN	OPEN
77	97	GREEN BRIDGE			NEW	NU	NU	NU
78	97	CENTRAL RANGWAY			NEW	NU	NU	NU
79	97	CENTRAL RANGWAY			NEW	NU	NU	NU
80	99	TUBBS RD PD			NU	NU	NEW	
81	97	TUBBS RD PD			NEW	NU	WD8/1	
	97	TUBBS RD PD			NEW			
(YR)=REPAIR YEAR					5/8	13/4	24/3	32/10

ID #	Yr	LOCATION	Useage 94-95	Useage 95-96	Useage 96-97	Useage 97-98	Useage 98-99	Useage 99-00
59	91	BLACK FOX PD.	?		0		NU	NU
60	98	WEARE BORDER PD	?	0		NEW	NU	NU
61	98	WEARE BORDER PD	?	0		NEW	WD10/2	M 16/1
62	98	?	?	0		NEW		
63	98	?	?	0		OPEN		OPEN
64	96	BLACK FOX PD.		NEW	WD 5/0	NU	WD4/0	WD10/0
65	96	SONNEY'S MARSH		NEW	0	NU	NU	NU
66	96	BLACK FOX PD.		NEW	0	0/2	WD2/0	NU
67	96	BLACK FOX PD.		NEW	0	NU	NU	NU
68	96	BLACK FOX PD.		NEW	WD 0/8	NU	NU	M0/9
69	96	BLACK FOX PD.		NEW	0	NU	NU	NU
70	96	DOPHY'S MEADOW		NEW	0	NU	NU	NU
71	96	DOPHY'Y MEADOW		NEW	0	NU	NU	NU
72	97	HUNTER'S POND			NEW	M13/2	NU	WD 6/0
73	97	DUDLEY BR MARSH S.			NEW	NU	NU	NU
74	97	2ND NH TURNPIKE			NEW		NU	NU
75	97	GERINI MARSH			NEW	NU	NU	NU
76	97	LONGWOOD OXBOW →			NEW	NU	OPEN	OPEN
77	97	GREEN BRIDGE			NEW	NU	NU	NU
78	97	CENTRAL RANGWAY			NEW	NU	NU	NU
79	97	CENTRAL RANGWAY			NEW	NU	NU	NU
80	99	TUBBS RD PD			NU	NU	NEW	
81	97	TUBBS RD PD			NEW	NU	WD8/1	
	97	TUBBS RD PD			NEW			
(YR)=REPAIR YEAR					5/8	13/4	24/3	32/10

CONSERVATION COMMISSION WOOD DUCK BOX PROGRAM								
ID #	Yr	LOCATION	Useage 94-95	Useage 95-96	Useage 96-97	Useage 97-98	Useage 98-99	Useage 99-00
59	91	BLACK FOX PD.	?		0		NU	NU
60	98	WEARE BORDER PD	?	0		NEW	NU	NU
61	98	WEARE BORDER PD	?	0		NEW	WD10/2	M 16/1
62	98	?	?	0		NEW		
63	98	?	?	0		OPEN		OPEN
64	96	BLACK FOX PD.		NEW	WD 5/0	NU	WD4/0	WD10/0
65	96	SONNEY'S MARSH		NEW	0	NU	NU	NU
66	96	BLACK FOX PD.		NEW	0	0/2	WD2/0	NU
67	96	BLACK FOX PD.		NEW	0	NU	NU	NU
68	96	BLACK FOX PD.		NEW	WD 0/8	NU	NU	M0/9
69	96	BLACK FOX PD.		NEW	0	NU	NU	NU
70	96	DOPHY'S MEADOW		NEW	0	NU	NU	NU
71	96	DOPHY'Y MEADOW		NEW	0	NU	NU	NU
72	97	HUNTER'S POND			NEW	M13/2	NU	WD 6/0
73	97	DUDLEY BR MARSH S.			NEW	NU	NU	NU
74	97	2ND NH TURNPIKE			NEW		NU	NU
75	97	GERINI MARSH			NEW	NU	NU	NU
76	97	LONGWOOD OXBOW →			NEW	NU	OPEN	OPEN
77	97	GREEN BRIDGE			NEW	NU	NU	NU
78	97	CENTRAL RANGWAY			NEW	NU	NU	NU
79	97	CENTRAL RANGWAY			NEW	NU	NU	NU
80	99	TUBBS RD PD			NU	NU	NEW	
81	97	TUBBS RD PD			NEW	NU	WD8/1	
	97	TUBBS RD PD			NEW			
(YR)=REPAIR YEAR					5/8	13/4	24/3	32/10