

Waterfowl Hunt 2007/2008
Havasu National Wildlife Refuge
Pintail Slough Unit
Preliminary Hunt Report

The following are summaries of the basic information collected from harvest reports and hunter receipts. Where possible, comparisons are made to the 2006/2007 season.

Of the three hunt days, the most waterfowl were shot on Saturday (309 ducks, 9 geese), followed by Wednesday (239 ducks, 5 geese) and finally Sunday (98 ducks, 1 goose) (Fig. 1). Saturday was also the most popular day to hunt (166 person*hunts), versus Wednesday (101 person*hunts) and Sunday (88 person*hunts) (Fig. 2). In terms of success per person per day (success rate- SR), Wednesday was the most successful day with 2.4 waterfowl/person/day, followed by Saturday (1.9 waterfowl/person/day) and Sunday (1.1 waterfowl/person/day) (Fig. 3).

Hunters shot the most ducks at Blind 8 with 166 ducks and geese shot, followed by Blind 1 (123 waterfowl), Blind 4 (109 waterfowl), Blind 9 (103 waterfowl), Blind 5 (62 waterfowl), Blind 6 (48 waterfowl), Blind 3 (24 waterfowl), Blind 7 (16 waterfowl), and Blind 2 (12 waterfowl) (Fig. 4). Though Blind 9 was third in birds harvested, it actually had the highest success rate. Success rates in descending order are as follows: Blind 9 (SR=2.8), Blind 8 (SR=2.2), Blind 1 (SR=2.0), Blind 4 (SR=1.8), Blind 5 (SR=1.7), Blind 6 (SR=1.4), Blind 3 (SR=1.3), Blind 2 (SR=0.9), and Blind 7 (SR=0.8) (Fig. 5). Details of which species were shot at each blind can be found on Table 1.

For the entire season 650 birds were harvested. Mallards were the most harvested species (n=110, 16% of total harvest). The top nine species by take are (Fig. 6): Mallard (n=110, 16%), Green-winged Teal (n=100, 15%), Northern Pintail (n=99, 15%), American Widgeon (n=93, 14%), Ring-necked Duck (n=71, 11%), Gadwall (n=65, 10%), Northern Shoveler (n=47, 7%), Redhead (n=13, 2%), Blue-winged Teal (n=13, 2%). All other species had less than 10 birds (1% or less of harvest) harvested.

Diversity of species varied by month (Table 2). The most harvest species in October were Green-winged Teal (n=11), Northern Pintail (n=10), Gadwall (n=7), Mallard (n=6), and American Widgeon (n=4) (Fig. 7). In November the most harvest species were the following: American Widgeon (n=23), Mallard (n=20), Gadwall (n=7), Northern Shoveler (n=5), and Green-winged Teal (n=4) (Fig. 8). In December, the following were the five most harvest species: Mallard (n=68), Ring-necked Duck (n=64), American Widgeon (n=61), Green-winged Teal (n=59), and Northern Pintail (n=39) (Fig. 9). The harvested species in January were Northern Pintail (n=42), Green-winged Teal (n=23), Gadwall (n=22), Northern Shoveler (n=21), and Mallard (n=16) (Fig. 10).

The number of birds harvested varied by month (Table 2). The most ducks were shot in December (n=443), followed by November (n=126), January (n=119), and October (n=16) (Fig.11). Through the months, the numbers of birds harvested from each blind shifted (Table 3). For example the most ducks were harvested at Blind 8 in October, Blind 1 in November, Blind 9 in December, and Blind 8 in January.

As would be expected, reservation hunters harvest more ducks (363 versus 287), but the success rates were actually better in standby hunters ($SC=2.0$ versus $SC=1.72$) (Figs. 12 and 13).

Fewer ducks were harvested this season ($n=650$) versus last season ($n=712$). While statistics have not been done to confirm this statement, the composition of the species harvested were comparable (Table 1). The harvest per day as percent of total harvest was similar for both seasons (06/07, 07/08): Wednesday (34%, 37%), Saturday (47%, 48%), and Sunday (15%, 17%) (Fig. 13).

Fig. 1. Total Harvest by Hunt Day

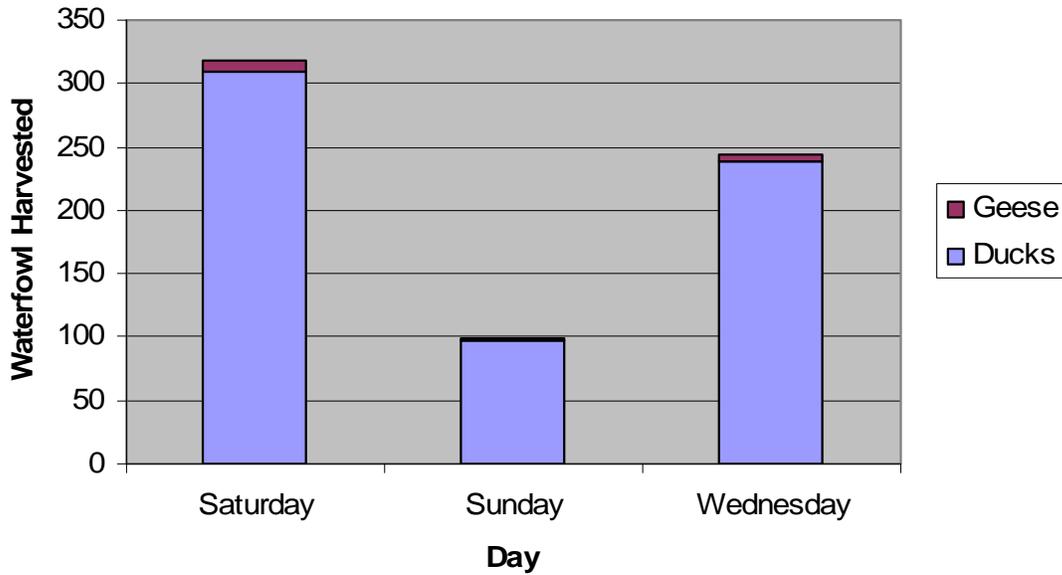


Fig. 2. Use by Day

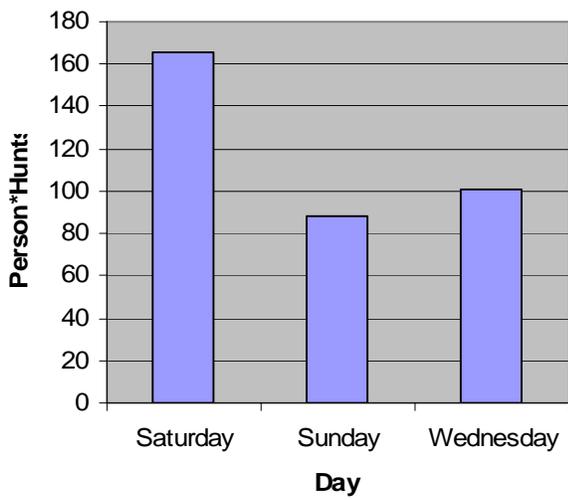


Fig. 3. Success Rates by Day

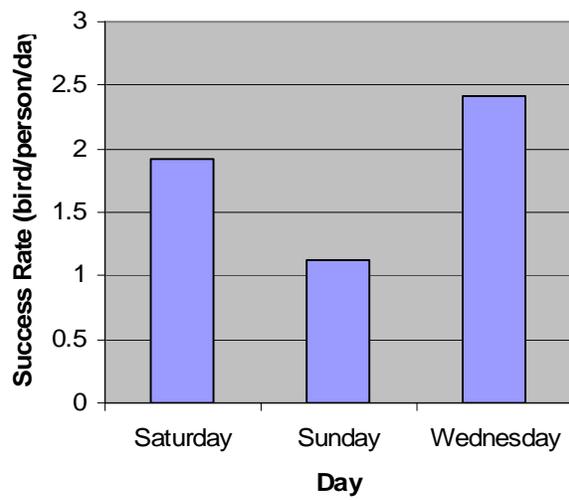


Fig. 4. Waterfowl Harvested by Blind

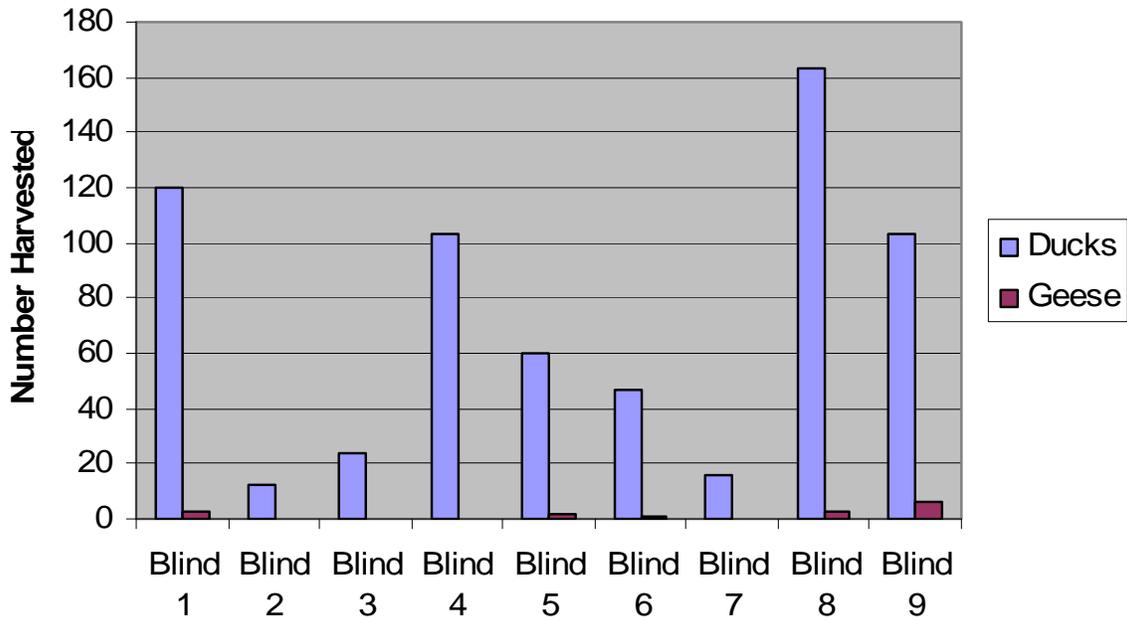


Fig. 5. Success Rate by Blind

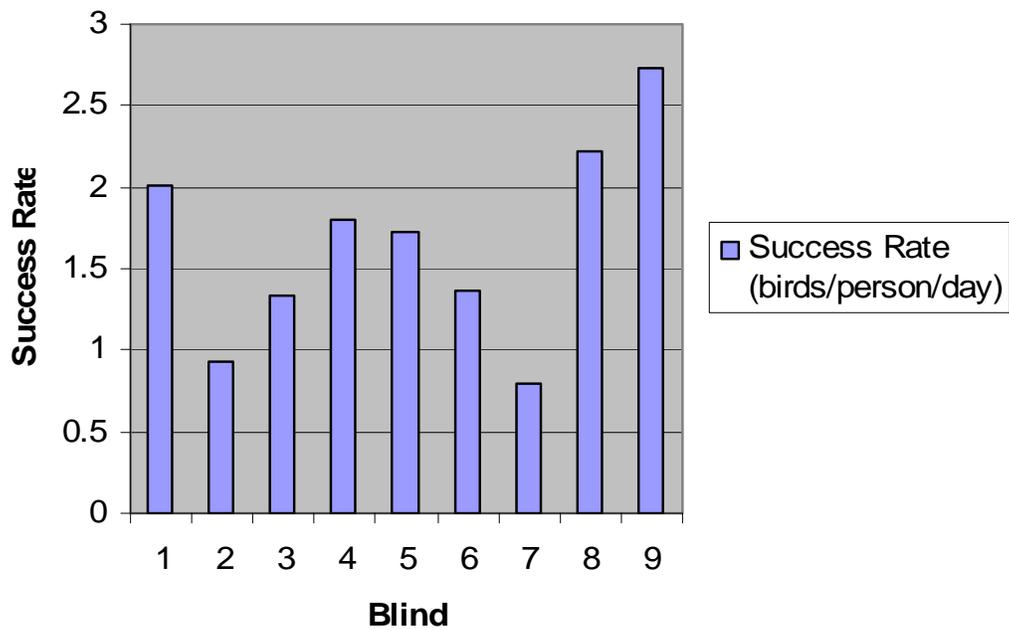


Table 1. Species Harvested by Blind

	BLIND 1	BLIND 2	BLIND 3	BLIND 4	BLIND 5	BLIND 6	BLIND 7	BLIND 8	BLIND 9	ALL BLINDS	2006- 2007 Season
AMWI	26	0	2	13	5	20	1	16	10	93	95
BWTE	2	0	1	1	0	0	0	9	0	13	6
BUFF	0	0	0	0	0	0	0	0	0	0	7
CITE	0	0	0	0	0	0	0	1	0	1	2
CANV	1	0	0	6	0	0	0	0	1	8	12
GADW	9	1	5	4	2	3	3	28	10	67	74
COGO	1	0	0	0	0	0	0	1	0	2	4
GWTE	20	4	0	7	5	6	4	24	30	100	113
MALL	15	2	3	22	12	3	2	21	30	110	114
NOPI	12	1	1	20	11	2	4	33	15	99	68
NSHO	15	3	3	5	6	0	1	9	5	47	78
REDH	2	1	0	3	0	5	0	2	0	13	42
RNDU	13	0	9	19	8	9	1	12	0	71	50
RUDU	3	0	0	0	0	0	0	1	0	4	14
GRSC	0	0	0	0	0	0	0	1	2	3	
LESC	0	0	0	1	1	0	0	2	0	4	18
HOME	0	0	0	0	0	0	0	1	1	2	0
WODU	2	0	0	1	0	0	0	0	0	3	0
UNKN	3	0	0	1	3	0	0	2	0	9	15
AMCO	0	0	0	1	7	0	0	0	0	8	0
Ducks	120	12	24	103	60	47	16	163	103	650	712
CANG	1	0	0	0	0	0	0	1	3	5	5
WFGO	0	0	0	0	0	0	0	0	0	0	0
ROGO	0	0	0	0	0	0	0	0	3	3	
SNGO	2	0	0	0	2	1	0	2	0	7	5
Geese	3	0	0	0	2	1	0	3	6	15	10
% of Goose Take	20	0	0	0	13.3	6.7	0	20	40		
% of Duck Take	18.5	1.8	3.7	15.8	9.2	7	2.5	25.1	15.8		

Fig. 6. Species Harvested 2007-2008

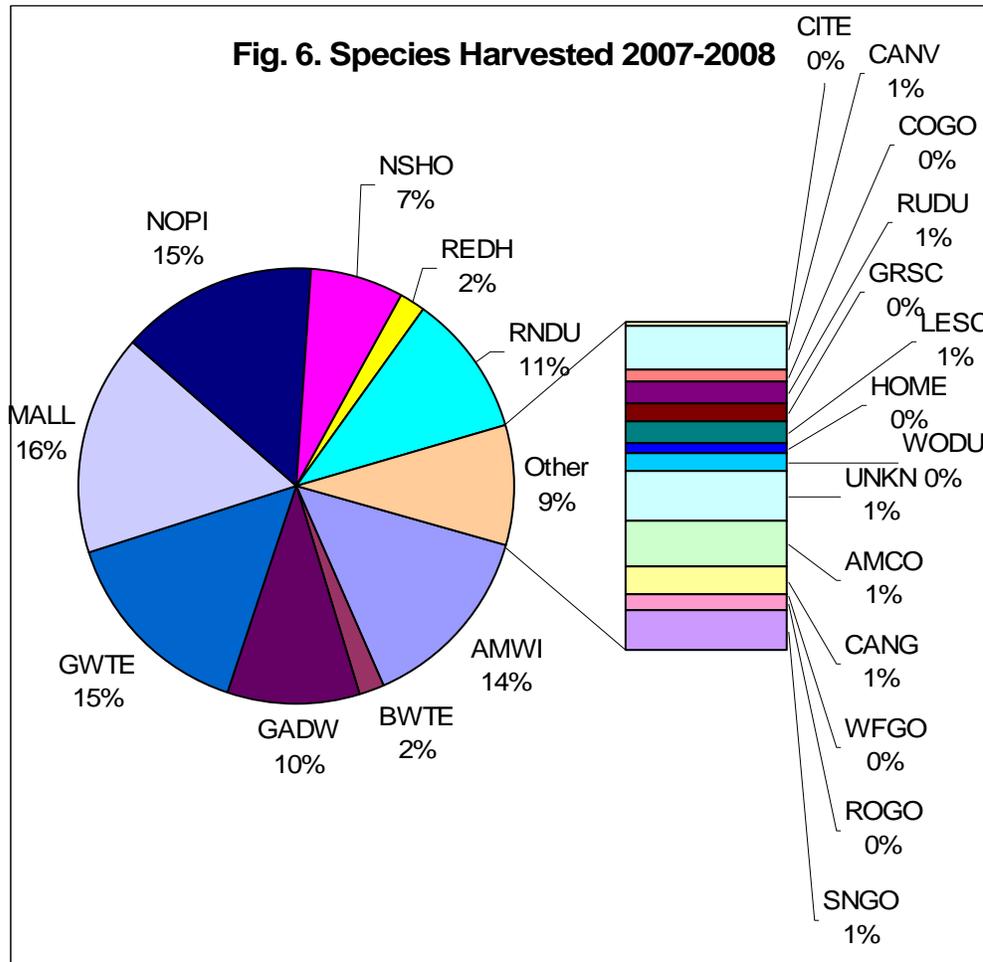


Table 2. Species Harvested per Month

	OCT TOTALS	OCT % OF SPP. TOTAL	NOV TOTALS	NOV % OF SPP. TOTAL	DEC TOTALS	DEC % OF SPP. TOTAL	JAN TOTALS	JAN % OF SPP. TOTAL	FEB TOTALS	FEB % OF SPP. TOTAL	All Month totals
AMWI	4	0.04	23	0.25	61	0.66	5	0.05	0	0.00	93
BWTE	1	0.08	3	0.23	7	0.54	2	0.15	0	0.00	13
CITE	0	0.00	0	0.00	0	0.00	1	1.00	0	0.00	1
CANV	1	0.13	0	0.00	6	0.75	1	0.13	0	0.00	8
GADW	7	0.10	7	0.10	28	0.42	22	0.33	0	0.00	67
COGO	0	0.00	0	0.00	0	0.00	2	1.00	0	0.00	2
GWTE	11	0.11	4	0.04	59	0.59	23	0.23	3	0.03	100
MALL	6	0.05	20	0.18	68	0.62	16	0.15	0	0.00	110
NOPI	10	0.10	3	0.03	39	0.39	42	0.42	4	0.04	99
NSHO	1	0.02	5	0.11	19	0.40	21	0.45	1	0.02	47
REDH	0	0.00	0	0.00	7	0.54	6	0.46	0	0.00	13
RNDU	1	0.01	2	0.03	64	0.90	4	0.06	0	0.00	71
RUDU	0	0.00	0	0.00	4	1.00	0	0.00	0	0.00	4
GRSC	0	0.00	0	0.00	3	1.00	0	0.00	0	0.00	3
LESC	1	0.25	0	0.00	1	0.25	2	0.50	0	0.00	4
HOME	1	0.50	1	0.50	0	0.00	0	0.00	0	0.00	2
WODU	0	0.00	3	1.00	0	0.00	0	0.00	0	0.00	3
UNKN	1	0.11	7	0.78	1	0.11	0	0.00	0	0.00	9
AMCO	0	0.00	0	0.00	7	0.88	1	0.13	0	0.00	8
Ducks	45	0.07	78	0.12	367	0.56	148	0.23	8	0.01	650
CANG	0	0.00	2	0.40	3	0.60	0	0.00	0	0.00	5
WFGO	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0
ROGO	0	0.00	0	0.00	3	1.00	0	0.00	0	0.00	3
SNGO	0	0.00	3	0.43	1	0.14	3	0.43	0	0.00	7
GOOSE	0	0.00	5	0.33	7	0.47	3	0.20	0	0.00	15
2006/2007 Ducks	16	0.02	126	0.17	442	0.62	119	0.16	9	0.01	712

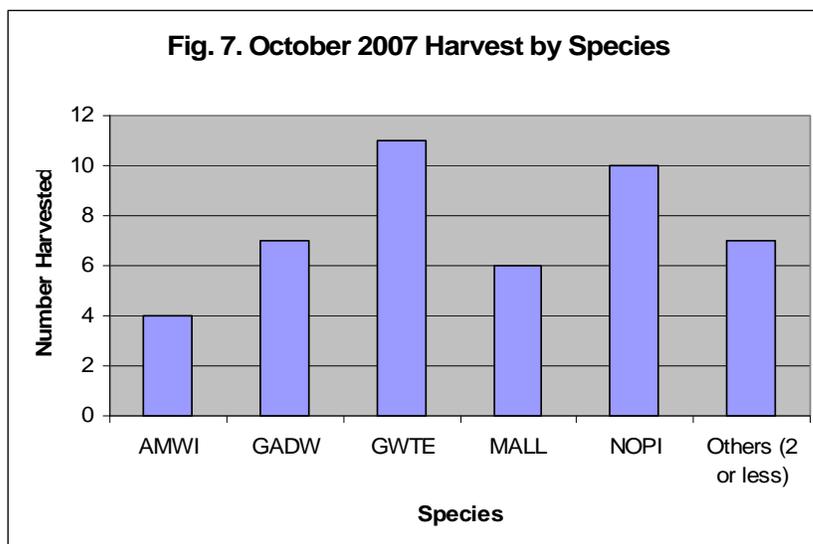


Fig. 8. November 2007 Harvest by Species

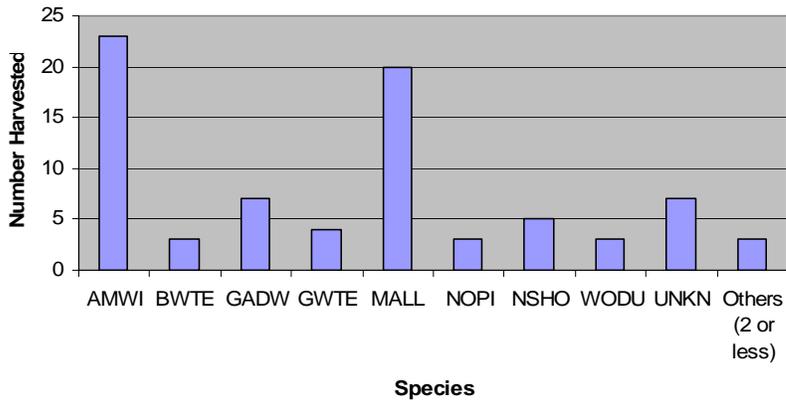


Fig. 9. December 2007 Harvest by Species

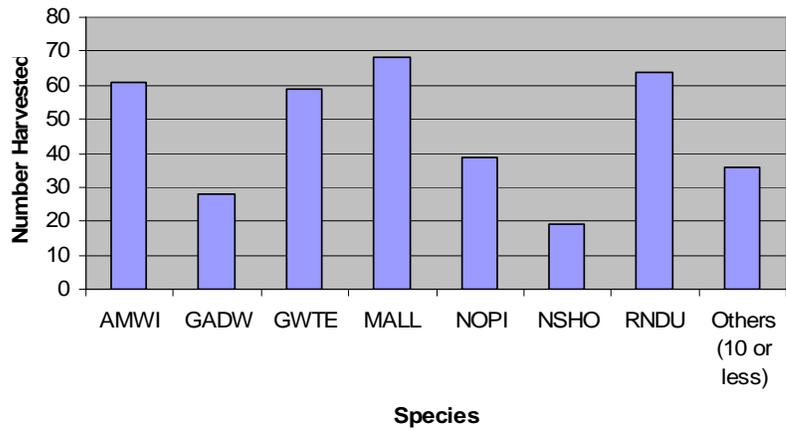


Fig. 10. January 2008 Harvest by Species

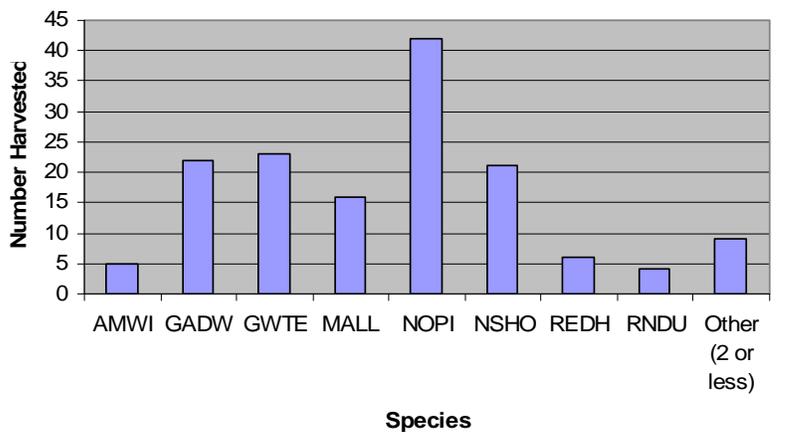


Fig. 11. Waterfowl Harvested per Month

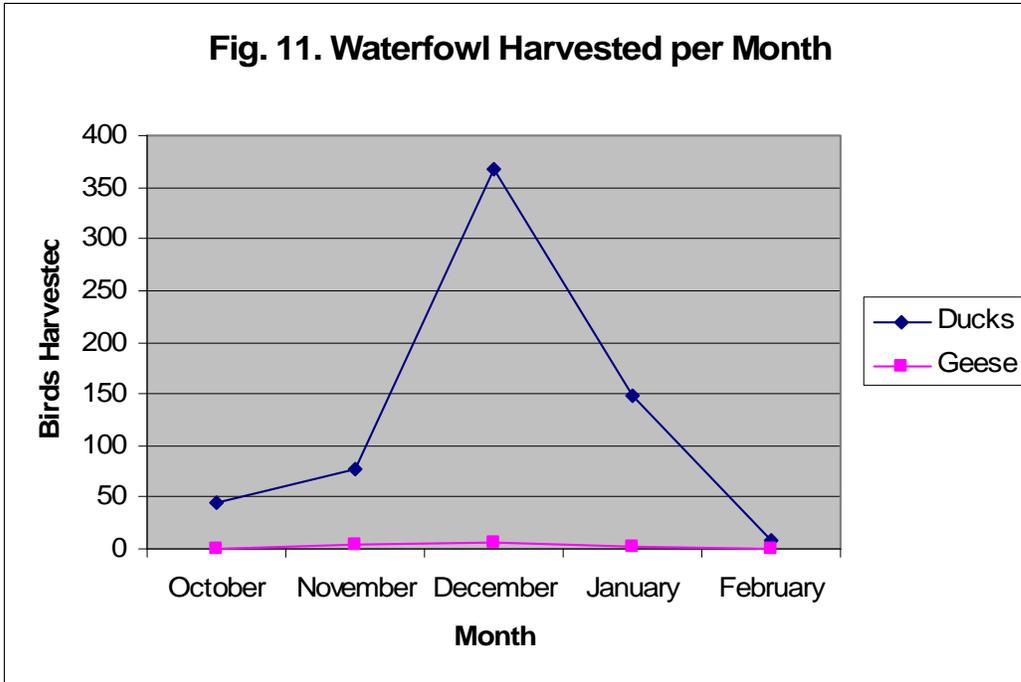


Table 3:

Harvests by Blind and Month 2007-2008 and 2006-2007 Seasons

2007-2008 Season

	DUCKS							GEESE				
	Oct	Nov	Dec	Jan	Feb	total		Oct	Nov	Dec	Jan	Feb
Blind 1	0	21	60	34	1	116	Blind 1	0	0	1	2	0
Blind 2	0	4	0	8	0	12	Blind 2	0	0	0	0	0
Blind 3	0	3	14	5	0	22	Blind 3	0	0	0	0	0
Blind 4	2	13	65	27	0	107	Blind 4	0	0	0	0	0
Blind 5	0	17	33	10	0	60	Blind 5	0	1	1	0	0
Blind 6	0	2	36	9	0	47	Blind 6	0	0	0	1	0
Blind 7	0	2	9	5	0	16	Blind 7	0	0	0	0	0
Blind 8	34	12	71	39	7	163	Blind 8	0	2	1	0	0
Blind 9	0	13	79	11	0	103	Blind 9	0	2	4	0	0
Totals	36	87	367	148	8		Totals	0	5	7	3	0

2006-2007 Season

	DUCKS						GEESE				
	Oct	Nov	Dec	Jan	total		Oct	Nov	Dec	Jan	Total
Blind 2	6	46	106	37	199	Blind 2	0	1	2	0	3
Blind 3	0	32	33	20	85	Blind 3	0	0	0	0	0
Blind 4	5	13	51	19	88	Blind 4	0	1	1	0	2
Blind 5	0	9	32	3	44	Blind 5	0	0	0	0	0
Blind 6	0	1	8	1	10	Blind 6	0	0	0	0	0
Blind 7	0	2	42	8	53	Blind 7	0	0	1	0	1
Blind 8	5	23	120	21	172	Blind 8	0	2	2	0	4
Blind 9	0	0	51	10	61	Blind 9	0	0	0	0	0
Totals	16	126	443	119	712	Totals	0	4	6	0	10

Fig. 12. Ducks harvest by Hunter type

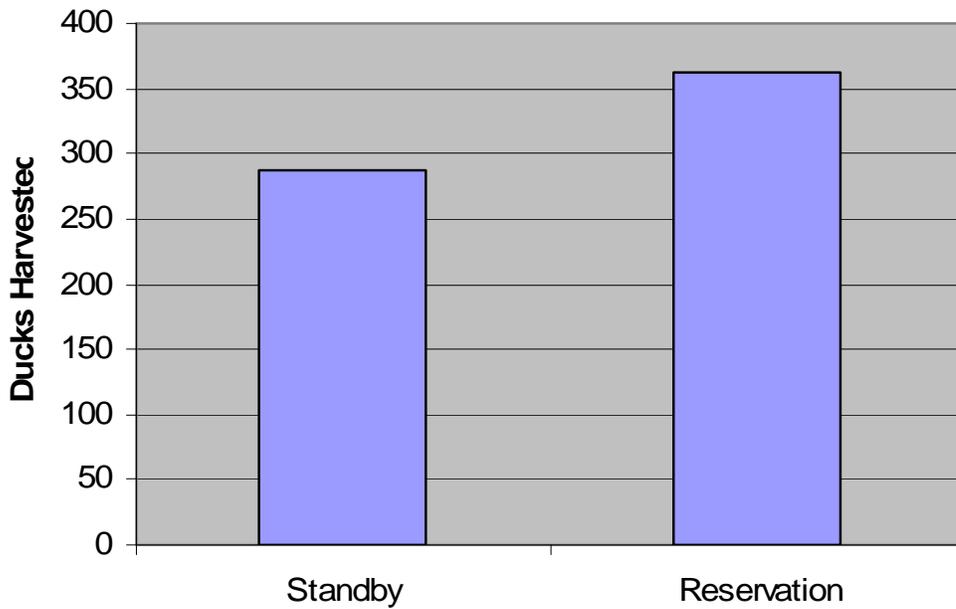


Fig. 13. Success Rate by Hunter Type

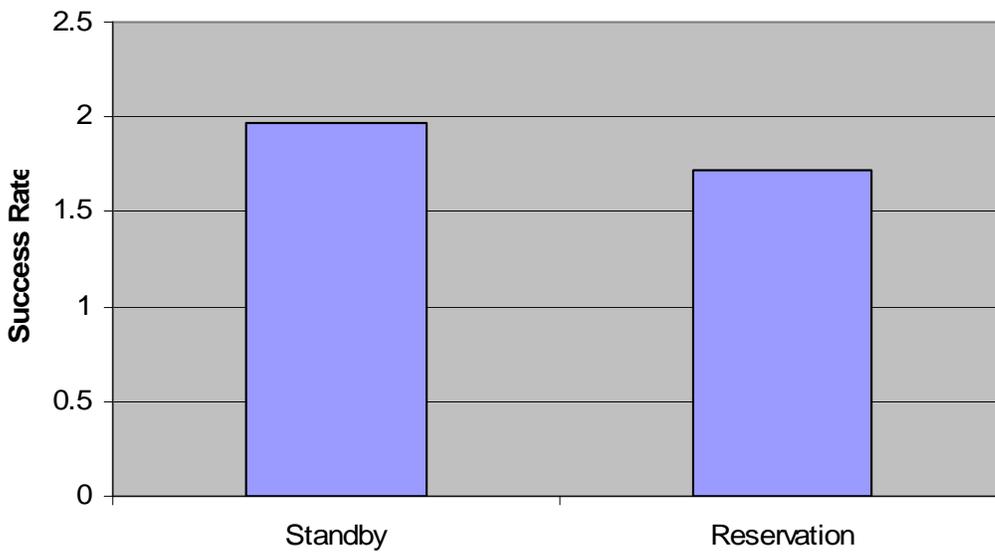


Fig.14. Ducks Harvest by Day 2006/2007 and 2007/2008 Season

